**3GPP T****SG-RAN WG4 Meeting#111 R4-2409218**

**Fukuoka Meeting, May 20th – May 24th, 2024**

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| *CR-Form-v12.3* | | | | | | | | |
| **CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **38.101-3** | **CR** | **<CR#>** | **rev** | **-** | **Current version:** | **18.5.1** |  |
|  | | | | | | | | |
| *For* [***HE******LP***](http://www.3gpp.org/3G_Specs/CRs.htm#_blank)*on using this form: comprehensive instructions can be found at* [*http://www.3gpp.org/Change-Requests*](http://www.3gpp.org/Change-Requests)*.* | | | | | | | | |
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| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| ***Proposed change affects:*** | UICC apps |  | ME | **X** | Radio Access Network |  | Core Network |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | Draft CR 38.101-3 to FR1+FR2 combinations with n258 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | Nokia, Spark | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_CADC\_R18\_3BDL\_xBUL | | | | |  | ***Date:*** | | | 2024-24-04 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | B |  | | | | | ***Release:*** | | | Rel-18 |
|  | *Use one of the following categories:* ***F*** *(correction)* ***A*** *(mirror corresponding to a change in an earlier release)* ***B*** *(addition of feature),* ***C*** *(functional modification of feature)* ***D*** *(editorial modification)*  Detailed explanations of the above categories can be found in 3GPP [TR 21.900](http://www.3gpp.org/ftp/Specs/html-info/21900.htm). | | | | | | | | *Use one of the following releases: Rel-8 (Release 8) Rel-9 (Release 9) Rel-10 (Release 10) Rel-11 (Release 11) … Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)  Rel-20 (Release 20)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | Addition of FR1+FR2 combinations:  CA\_n1A-n5A-n258A  CA\_n1A-n78A-n258A (Missed in 5.2A.1)  CA\_n5A-n78A-n258A | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | Added:  CA\_n1A-n5A-n258A  CA\_n1A-n78A-n258A (Added in 5.2A.1 and added uplink CA)  CA\_n5A-n78A-n258A | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | No support for requested combinations | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.2A.1, 5.5A.1.3 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **x** |  | Test specifications | | | | TS 38.521 series | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* Start of changes \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

## 5.2A Operating bands for CA

### 5.2A.1 Inter-band CA between FR1 and FR2

NR carrier aggregation is designed to operate in the operating bands defined in Table 5.2A.1‑1 and Table 5.2A.1-2. The band combinations include at least one FR1 operating band and one FR2 operating band.

Operating bands for CA including Band n90 are defined by the corresponding operating bands for CA including Band n41 with Band n90 replacing Band n41. For brevity the said operating bands for CA including Band n90 are not listed in the tables below but are covered by this specification.

If the mandatory simultaneous Rx/Tx capability applies for a lower order band combination, when the applicable lower order band combination is a band pair in a higher order band combination, the mandatory simultaneous Rx/Tx capability also applies for the band pairin the higher order band combination.

Table 5.2A.1-2: Band combinations for inter-band CA between FR1 and FR2 (three bands)

|  |  |
| --- | --- |
| NR CA Band | NR Band |
| CA\_n1-n3-n257 | n1, n3, n257 |
| CA\_n1-n3-n258 | n1, n3, n258 |
| CA\_n1-n5-n258 | n1, n5, n258 |
| CA\_n1-n8-n257 | n1, n8, n257 |
| CA\_n1-n28-n2571 | n1, n28, n257 |
| CA\_n1-n28-n258 | n1, n28, n258 |
| CA\_n1-n41-n2571 | n1, n41, n257 |
| CA\_n1-n77-n2571 | n1, n77, n257 |
| CA\_n1-n78-n2571 | n1, n78, n257 |
| CA\_n1-n78-n258 | n1, n78, n258 |
| CA\_n1-n79-n2571 | n1, n79, n257 |
| CA\_n1-n105-n257 | n1, n105, n257 |
| CA\_n1-n105-n258 | n1, n105, n258 |
| CA\_n2-n5-n260 | n2, n5, n260 |
| CA\_n2-n5-n261 | n2, n5, n261 |
| CA\_n2-n48-n261 | n2, n48, n261 |
| CA\_n2-n66-n260 | n2, n66, n260 |
| CA\_n2-n66-n261 | n2, n66, n261 |
| CA\_n2-n77-n260 | n2, n77, n260 |
| CA\_n2-n77-n261 | n2, n77, n261 |
| CA\_n3-n7-n257 | n3, n7, n257 |
| CA\_n3-n7-n258 | n3, n7, n258 |
| CA\_n3-n8-n257 | n3, n8, n257 |
| CA\_n3-n28-n2571 | n3, n28, n257 |
| CA\_n3-n28-n258 | n3, n28, n258 |
| CA\_n3-n41-n257 | n3, n41, n257 |
| CA\_n3-n77-n2571 | n3, n77, n257 |
| CA\_n3-n78-n2571 | n3, n78, n257 |
| CA\_n3-n79-n2571 | n3, n79, n257 |
| CA\_n3-n79-n258 | n3, n79, n258 |
| CA\_n3-n105-n257 | n3, n105, n257 |
| CA\_n3-n105-n258 | n3, n105, n258 |
| CA\_n5-n48-n261 | n5, n48, n261 |
| CA\_n5-n66-n260 | n5, n66, n260 |
| CA\_n5-n66-n261 | n5, n66, n261 |
| CA\_n5-n77-n260 | n5, n77, n260 |
| CA\_n5-n77-n261 | n5, n77, n261 |
| CA\_n5-n78-n258 | n5, n78, n258 |
| CA\_n7-n25-n257 | n7, n25, n257 |
| CA\_n7-n25-n260 | n7, n25, n260 |
| CA\_n7-n66-n257 | n7, n66, n257 |
| CA\_n7-n66-n260 | n7, n66, n260 |
| CA\_n7-n71-n257 | n7, n71, n257 |
| CA\_n7-n71-n260 | n7, n71, n260 |
| CA\_n7-n78-n258 | n7, n78, n258 |
| CA\_n7-n105-n257 | n7, n105, n257 |
| CA\_n7-n105-n258 | n7, n105, n258 |
| CA\_n8-n77-n257 | n8, n77, n257 |
| CA\_n8-n78-n2571 | n8, n78, n257 |
| CA\_n26-n78-n258 | n26, n78, n258 |
| CA\_n28-n41-n257 | n28, n41, n257 |
| CA\_n28-n77-n2571 | n28, n77, n257 |
| CA\_n28-n78-n2571 | n28, n78, n257 |
| CA\_n28-n79-n2571 | n28, n79, n257 |
| CA\_n39-n40-n258 | n39, n40, n258 |
| CA\_n39-n41-n258 | n39, n41, n258 |
| CA\_n40-n41-n258 | n40, n41, n258 |
| CA\_n40-n78-n257 | n40, n78, n257 |
| CA\_n41-n66-n260 | n41, n66, n260 |
| CA\_n41-n77-n257 | n41, n77, n257 |
| CA\_n41-n78-n257 | n41, n78, n257 |
| CA\_n41-n79-n257 | n41, n79, n257 |
| CA\_n41-n79-n258 | n41, n79, n258 |
| CA\_n48-n66-n261 | n48, n66, n261 |
| CA\_n48-n77-n261 | n48, n77, n261 |
| CA\_n66-n77-n260 | n66, n77, n260 |
| CA\_n66-n77-n261 | n66, n77, n261 |
| CA\_n77-n79-n257 | n77, n79, n257 |
| CA\_n77-n79-n258 | n77, n79, n258 |
| CA\_n77-n79-n259 | n77, n79, n259 |
| CA\_n77-n257-n2591 | n77, n257, n259 |
| CA\_n78-n79-n257 | n78, n79, n257 |
| CA\_n78-n79-n259 | n78, n79, n259 |
| CA\_n78-n105-n257 | n78, n105, n257 |
| CA\_n78-n105-n258 | n78, n105, n258 |
| CA\_n78-n257-n2591 | n78, n257, n259 |
| CA\_n79-n257-n2591 | n79, n257, n259 |
| NOTE 1: Applicable for UE supporting inter-band carrier aggregation with mandatory simultaneous Rx/Tx capability. | |

#### 5.5A.1.2 Inter-band CA configurations between FR1 and FR2 (three bands)

Table 5.5A.1.2-1a

Table 5.5A.1.2-1a: Inter-band CA configurations and bandwidth combination sets between FR1 and FR2 (three bands)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| NR CA configuration | Uplink configuration | | NR Band | Channel bandwidth (MHz) (NOTE 1) | Bandwidth combination set | |
| CA\_n1A-n3A-n257A | CA\_n1A-n3A  CA\_n1A-n257A  CA\_n3A-n257A | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n1A-n3A-n257G | CA\_n1A-n3A  CA\_n1A-n257A/G  CA\_n3A-n257A | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n1A-n3A-n257H | CA\_n1A-n3A  CA\_n1A-n257A/G/H  CA\_n3A-n257A/G/H | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n1A-n3A-n257I | CA\_n1A-n3A  CA\_n1A-n257A/G/H/I  CA\_n3A-n257A/G/H/I | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n1A-n3A-n257J | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | | n257 | CA\_n257J |  | |
| CA\_n1A-n3A-n257K | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | | n257 | CA\_n257K |  | |
| CA\_n1A-n3A-n257L | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | | n257 | CA\_n257L |  | |
| CA\_n1A-n3A-n257M | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | | n257 | CA\_n257M |  | |
| CA\_n1A-n3A-n258A | CA\_n1A-n3A  CA\_n1A-n258A  CA\_n3A-n258A | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | | n258 | 50, 100, 200, 400 |  | |
| CA\_n1A-n3A-n258D | CA\_n1A-n3A  CA\_n1A-n258A  CA\_n3A-n258A | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | | n258 | CA\_n258D |  | |
| CA\_n1A-n3A-n258G | CA\_n1A-n3A  CA\_n1A-n258A/G  CA\_n3A-n258A/G | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | | n258 | CA\_n258G |  | |
| CA\_n1A-n3A-n258H | CA\_n1A-n3A  CA\_n1A-n258A/G/H  CA\_n3A-n258A/G/H | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | | n258 | CA\_n258H |  | |
| CA\_n1A-n3A-n258I | CA\_n1A-n3A  CA\_n1A-n258A/G/H/I  CA\_n3A-n258A/G/H/I | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | | n258 | CA\_n258I |  | |
| CA\_n1A-n3A-n258J | CA\_n1A-n3A  CA\_n1A-n258A/G/H/I  CA\_n3A-n258A/G/H/I | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n3 | 5, 10, 15, 20, 25, 30 |  | |
|  |  | | n258 | CA\_n258J |  | |
| CA\_n1A-n5A-n258A | CA\_n1A-n5A  CA\_n1A-n258A  CA\_n5A-n258A | | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n258 | 50, 100, 200, 400 |  | |
| CA\_n1A-n8A-n257A | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n1A-n8A-n257D | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257D |  | |
| CA\_n1A-n8A-n257E | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257E |  | |
| CA\_n1A-n8A-n257F | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257F |  | |
| CA\_n1A-n8A-n257G | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n1A-n8A-n257H | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n1A-n8A-n257I | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n1A-n8A-n257J | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257J |  | |
| CA\_n1A-n8A-n257K | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257K |  | |
| CA\_n1A-n8A-n257L | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257L |  | |
| CA\_n1A-n8A-n257M | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257M |  | |
| CA\_n1A-n18A-n257A | CA\_n1A-n18A  CA\_n1A-n257A  CA\_n18A-n257A | | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n18 | 5, 10, 15 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n1A-n18A-n257G | CA\_n1A-n18A  CA\_n1A-n257A/G  CA\_n18A-n257A/G | | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n18 | 5, 10, 15 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n1A-n18A-n257H | CA\_n1A-n18A  CA\_n1A-n257A/G/H  CA\_n18A-n257A/G/H | | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n18 | 5, 10, 15 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n1A-n18A-n257I | CA\_n1A-n18A  CA\_n1A-n257A/G/H/I  CA\_n1A-n257I  CA\_n18A-n257A/G/H/I | | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n18 | 5, 10, 15 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n1A-n28A-n257A | CA\_n1A-n28A  CA\_n1A-n257A  CA\_n28A-n257A | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n28 | 5, 10, 15, 20 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n1A-n28A-n257G | CA\_n257G  CA\_n1A-n28A  CA\_n1A-n257A/G  CA\_n28A-n257A/G | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n28 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n1A-n28A-n257H | CA\_n257G/H  CA\_n1A-n28A  CA\_n1A-n257A/G/H  CA\_n28A-n257A/G/H | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n28 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n1A-n28A-n257I | CA\_n257G/H/I  CA\_n1A-n28A  CA\_n1A-n257A/G/H/I  CA\_n28A-n257A/G/H/I | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n28 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n1A-n28A-n258A | CA\_n1A-n28A  CA\_n1A-n258A  CA\_n28A-n258A | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n28 | 5, 10, 15, 20 |  | |
|  |  | | n258 | 50, 100, 200, 400 |  | |
| CA\_n1A-n28A-n258D | CA\_n1A-n28A  CA\_n1A-n258A  CA\_n28A-n258A | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n28 | 5, 10, 15, 20 |  | |
|  |  | | n258 | CA\_n258D |  | |
| CA\_n1A-n28A-n258G | CA\_n1A-n28A  CA\_n1A-n258A/G  CA\_n28A-n258A/G | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n28 | 5, 10, 15, 20 |  | |
|  |  | | n258 | CA\_n258G |  | |
| CA\_n1A-n28A-n258H | CA\_n1A-n28A  CA\_n1A-n258A/G/H  CA\_n28A-n258A/G/H | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n28 | 5, 10, 15, 20 |  | |
|  |  | | n258 | CA\_n258H |  | |
| CA\_n1A-n28A-n258I | CA\_n1A-n28A  CA\_n1A-n258A/G/H/I  CA\_n28A-n258A/G/H/I | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n28 | 5, 10, 15, 20 |  | |
|  |  | | n258 | CA\_n258I |  | |
| CA\_n1A-n28A-n258J | CA\_n1A-n28A  CA\_n1A-n258A/G/H/I  CA\_n28A-n258A/G/H/I | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n28 | 5, 10, 15, 20 |  | |
|  |  | | n258 | CA\_n258J |  | |
| CA\_n1A-n40A-n258A | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  | |
|  |  | | n258 | 50, 100, 200, 400 |  | |
| CA\_n1A-n40A-n258D | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  | |
|  |  | | n258 | CA\_n258D |  | |
| CA\_n1A-n40A-n258E | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n40 | 5, 10, 15, 20, 25, 30, 40, 50,60 |  | |
|  |  | | n258 | CA\_n258E |  | |
| CA\_n1A-n40A-n258F | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  | |
|  |  | | n258 | CA\_n258F |  | |
| CA\_n1A-n40A-n258G | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  | |
|  |  | | n258 | CA\_n258G |  | |
| CA\_n1A-n40A-n258H | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  | |
|  |  | | n258 | CA\_n258H |  | |
| CA\_n1A-n40A-n258I | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  | |
|  |  | | n258 | CA\_n258I |  | |
| CA\_n1A-n40A-n258J | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  | |
|  |  | | n258 | CA\_n258J |  | |
| CA\_n1A-n40A-n258K | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  | |
|  |  | | n258 | CA\_n258K |  | |
| CA\_n1A-n40A-n258L | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  | |
|  |  | | n258 | CA\_n258L |  | |
| CA\_n1A-n40A-n258M | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 |  | |
|  |  | | n258 | CA\_n258M |  | |
| CA\_n1A-n41A-n257A | CA\_n1A-n41A  CA\_n1A-n257A  CA\_n41A-n257A | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n1A-n41A-n257G | CA\_n257G  CA\_n1A-n41A  CA\_n1A-n257A/G  CA\_n41A-n257A/G | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n1A-n41A-n257H | CA\_n257G/H  CA\_n1A-n41A  CA\_n1A-n257A/G/H  CA\_n41A-n257A/G/H | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n1A-n41A-n257I | CA\_n257G/H/I  CA\_n1A-n41A  CA\_n1A-n257A/G/H/I  CA\_n41A-n257A/G/H/I | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n1A-n77A-n257A | CA\_n1A-n77A  CA\_n1A-n257A  CA\_n77A-n257A | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n1A-n77A-n257G | CA\_n257G  CA\_n1A-n77A  CA\_n1A-n257A/G  CA\_n77A-n257A/G | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n1A-n77A-n257H | CA\_n257G/H  CA\_n1A-n77A  CA\_n1A-n257A/G/H  CA\_n77A-n257A/G/H | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n1A-n77A-n257I | CA\_n257G/H/I  CA\_n1A-n77A  CA\_n1A-n257A/G/H/I  CA\_n77A-n257A/G/H/I | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n1A-n77A-n257J | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257J |  | |
| CA\_n1A-n77A-n257K | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257K |  | |
| CA\_n1A-n77A-n257L | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257L |  | |
| CA\_n1A-n77A-n257M | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257M |  | |
| CA\_n1A-n77(2A)-n257A | CA\_n1A-n77A  CA\_n1A-n257A  CA\_n77A-n257A | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77(2A) |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n1A-n77(2A)-n257G | CA\_n1A-n77A | | n1 | 5, 10, 15, 20 | 0 | |
|  | CA\_n1A-n257A/G | | n77 | CA\_n77(2A) |  | |
|  | CA\_n1A-n257G | | n257 | CA\_n257G |  | |
| CA\_n1A-n77(2A)-n257H | CA\_n77A-n257A/G | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77(2A) |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n1A-n77(2A)-n257I | CA\_n1A-n77A  CA\_n1A-n257A/G/H/I  CA\_n77A-n257A/G/H/I | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77(2A) |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n1A-n77(2A)-n257J | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77(2A) |  | |
|  |  | | n257 | CA\_n257J |  | |
| CA\_n1A-n77(2A)-n257K | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77(2A) |  | |
|  |  | | n257 | CA\_n257K |  | |
| CA\_n1A-n77(2A)-n257L | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77(2A) |  | |
|  |  | | n257 | CA\_n257L |  | |
| CA\_n1A-n77(2A)-n257M | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77(2A) |  | |
|  |  | | n257 | CA\_n257M |  | |
| CA\_n1A-n77(3A)-n257A | CA\_n1A-n77A  CA\_n1A-n257A  CA\_n77A-n257A | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77(3A) |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n1A-n77(3A)-n257G | CA\_n1A-n77A | | n1 | 5, 10, 15, 20 | 0 | |
|  | CA\_n1A-n257A/G | | n77 | CA\_n77(3A) |  | |
|  | CA\_n1A-n257G | | n257 | CA\_n257G |  | |
| CA\_n1A-n77(3A)-n257H | CA\_n77A-n257A/G | | n1 | 5, 10, 15, 20 | 0 | |
|  | CA\_n77A-n257G- | | n77 | CA\_n77(3A) |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n1A-n77(3A)-n257I |  | | n1 | 5, 10, 15, 20 | 0 | |
|  | CA\_n1A-n77A | | n77 | CA\_n77(3A) |  | |
|  | CA\_n1A-n257A/G/H | | n257 | CA\_n257I |  | |
| CA\_n1A-n78A-n257A | CA\_n1A-n78A  CA\_n1A-n257A  CA\_n78A-n257A | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n1A-n78A-n257D | - | n1 | | 5, 10, 15, 20 | 0 | |
|  |  | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | | CA\_n257D |  | |
| CA\_n1A-n78A-n257E | - | n1 | | 5, 10, 15, 20 | 0 | |
|  |  | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | | CA\_n257E |  | |
| CA\_n1A-n78A-n257F | - | n1 | | 5, 10, 15, 20 | 0 | |
|  |  | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | n257 | | CA\_n257F |  | |
| CA\_n1A-n78A-n257G | CA\_n257G  CA\_n1A-n78A  CA\_n1A-n257A/G  CA\_n78A-n257A/G | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n1A-n78A-n257H | CA\_n257G/H  CA\_n1A-n257A/G/H  CA\_n78A-n257A/G/H | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n1A-n78A-n257I | CA\_n257G/H/I  CA\_n1A-n78A  CA\_n1A-n257A/G/H/I  CA\_n78A-n257A/G/H/I | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n1A-n78A-n257J | CA\_n257G/H/I/J  CA\_n1A-n78A  CA\_n1A-n257A/G/H/I/J  CA\_n78A-n257A/G/H/I/J | | n1 | 5, 10, 15, 20 | 0 | |
| n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257J |
| CA\_n1A-n78A-n257K | CA\_n257G/H/I/J/K  CA\_n1A-n78A  CA\_n1A-n257A/G/H/I/J/K  CA\_n78A-n257A/G/H/I/J/K | | n1 | 5, 10, 15, 20 | 0 | |
| n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |
| n257 | CA\_n257K |
| CA\_n1A-n78A-n257L | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257L |  | |
| CA\_n1A-n78A-n257M | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257M |  | |
| CA\_n1A-n78A-n258A | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | 50, 100, 200, 400 |  | |
|  | CA\_n1A-n78A  CA\_n1A-n258A  CA\_n78A-n258A | | n1 | 5, 10, 15, 20, 25, 30, 40, 50 | 1 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | 50, 100, 200, 400 |  | |
| CA\_n1A-n78A-n258D | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258D |  | |
| CA\_n1A-n78A-n258E | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258E |  | |
| CA\_n1A-n78A-n258F | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258F |  | |
| CA\_n1A-n78A-n258G | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258G |  | |
| CA\_n1A-n78A-n258H | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258H |  | |
| CA\_n1A-n78A-n258I | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258I |  | |
| CA\_n1A-n78A-n258J | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258J |  | |
| CA\_n1A-n78A-n258K | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258K |  | |
| CA\_n1A-n78A-n258L | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258L |  | |
| CA\_n1A-n78A-n258M | - | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258M |  | |
| CA\_n1A-n79A-n257A | CA\_n1A-n79A  CA\_n1A-n257A  CA\_n79A-n257A | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n79 | 40, 50, 60, 80, 100 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n1A-n79A-n257G | CA\_n257G  CA\_n1A-n79A  CA\_n1A-n257A/G  CA\_n79A-n257A/G | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n79 | 40, 50, 60, 80, 100 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n1A-n79A-n257H | CA\_n257G/H  CA\_n1A-n79A  CA\_n1A-n257A/G/H  CA\_n79A-n257A/G/H | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n79 | 40, 50, 60, 80, 100 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n1A-n79A-n257I | CA\_n257G/H/I  CA\_n1A-n79A  CA\_n1A-n257A/G/H/I  CA\_n79A-n257A/G/H/I | | n1 | 5, 10, 15, 20 | 0 | |
|  |  | | n79 | 40, 50, 60, 80, 100 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n1A-n105A-n257A | CA\_n1A-n105A  CA\_n1A-n257A  CA\_n105A-n257A | | n1 | 5, 10, 15, 20 | | 0 |
|  |  | | n105 | 5, 10, 15, 20, 25, 30, 35 | |  |
|  |  | | n257 | 50, 100, 200, 400 | |  |
| CA\_n1A-n105A-n258A | CA\_n1A-n105A  CA\_n1A-n258A  CA\_n105A-n258A | | n1 | 5, 10, 15, 20 | | 0 |
|  |  | | n105 | 5, 10, 15, 20, 25, 30, 35 | |  |
|  |  | | n258 | 50, 100, 200, 400 | |  |
| CA\_n2A-n5A-n260A | CA\_n2A-n5A  CA\_n2A-n260A  CA\_n5A-n260A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n260 | 50, 100, 200, 400 |  | |
| CA\_n2A-n5A-n260G | CA\_n2A-n5A  CA\_n2A-n260A/G  CA\_n5A-n260A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n260 | CA\_n260G |  | |
| CA\_n2A-n5A-n260H | CA\_n2A-n5A  CA\_n2A-n260A/G/H  CA\_n5A-n260A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n260 | CA\_n260H |  | |
| CA\_n2A-n5A-n260I | CA\_n2A-n5A  CA\_n2A-n260A/G/H/I  CA\_n5A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n260 | CA\_n260I |  | |
| CA\_n2A-n5A-n260J | CA\_n2A-n5A  CA\_n2A-n260A/G/H/I/J  CA\_n5A-n260A/G/H/I/J | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n260 | CA\_n260J |  | |
| CA\_n2A-n5A-n260K | CA\_n2A-n5A  CA\_n2A-n260A/G/H/I/J/K  CA\_n5A-n260A/G/H/I/J/K | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n260 | CA\_n260K |  | |
| CA\_n2A-n5A-n260L | CA\_n2A-n5A  CA\_n2A-n260A/G/H/I/J/K/L  CA\_n5A-n260A/G/H/I/J/K/L | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n260 | CA\_n260L |  | |
| CA\_n2A-n5A-n260M | CA\_n2A-n5A  CA\_n2A-n260A/G/H/I/J/K/L/M  CA\_n5A-n260A/G/H/I/J/K/L/M | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n260 | CA\_n260M |  | |
| CA\_n2A-n5A-n261A | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n5A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | 50, 100, 200, 400 |  | |
| CA\_n2A-n5A-n261G | CA\_n2A-n5A  CA\_n2A-n261A/G  CA\_n5A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261G |  | |
| CA\_n2A-n5A-n261H | CA\_n2A-n5A  CA\_n2A-n261A/G/H  CA\_n5A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261H |  | |
| CA\_n2A-n5A-n261I | CA\_n2A-n5A  CA\_n2A-n261A/G/H/I  CA\_n5A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261I |  | |
| CA\_n2A-n5A-n261J | CA\_n2A-n5A  CA\_n2A-n261A/G/H/I  CA\_n5A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261J |  | |
| CA\_n2A-n5A-n261K | CA\_n2A-n5A  CA\_n2A-n261A/G/H/I  CA\_n5A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261K |  | |
| CA\_n2A-n5A-n261L | CA\_n2A-n5A  CA\_n2A-n261A/G/H/I  CA\_n5A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261L |  | |
| CA\_n2A-n5A-n261M | CA\_n2A-n5A  CA\_n2A-n261A/G/H/I  CA\_n5A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261M |  | |
| CA\_n2A-n5A-n261(2G) | CA\_n2A-n5A  CA\_n2A-n261A/G  CA\_n5A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261(2G) |  | |
| CA\_n2A-n5A-n261(G-H) | CA\_n2A-n5A  CA\_n2A-n261A/G/H  CA\_n5A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261(G-H) |  | |
| CA\_n2A-n5A-n261(A-G-H) | CA\_n2A-n5A  CA\_n2A-n261A/G/H  CA\_n5A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261(A-G-H) |  | |
| CA\_n2A-n5A-n261(G-I) | CA\_n2A-n5A  CA\_n2A-n261A/G/H  CA\_n5A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261(G-I) |  | |
| CA\_n2A-n5A-n261(2H) | CA\_n2A-n5A  CA\_n2A-n261A/G/H  CA\_n5A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261(2H) |  | |
| CA\_n2A-n5A-n261(A-G-I) | CA\_n2A-n5A  CA\_n2A-n261A/G/H/I  CA\_n5A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261(A-G-I) |  | |
| CA\_n2A-n5A-n261(H-I) | CA\_n2A-n5A  CA\_n2A-n261A/G/H/I  CA\_n5A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261(H-I) |  | |
| CA\_n2A-n5A-n261(2A-G) | CA\_n2A-n5A  CA\_n2A-n261A/G  CA\_n5A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261(2A-G) |  | |
| CA\_n2A-n5A-n261(2A-H) | CA\_n2A-n5A  CA\_n2A-n261A/G/H  CA\_n5A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261(2A-H) |  | |
| CA\_n2A-n5A-n261(2A-I) | CA\_n2A-n5A  CA\_n2A-n261A/G/H/I  CA\_n5A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261(2A-I) |  | |
| CA\_n2A-n5A-n261(2A) | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n5A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261(2A) |  | |
| CA\_n2A-n5A-n261(3A) | CA\_n2A-n5A  CA\_n2A-n261A  CA\_n5A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261(3A) |  | |
| CA\_n2A-n5A-n261(A-G) | CA\_n2A-n5A  CA\_n2A-n261A/G  CA\_n5A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261(A-G) |  | |
| CA\_n2A-n5A-n261(A-2G) | CA\_n2A-n5A  CA\_n2A-n261A/G  CA\_n5A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261(A-2G) |  | |
| CA\_n2A-n5A-n261(A-H) | CA\_n2A-n5A  CA\_n2A-n261A/G/H  CA\_n5A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261(A-H) |  | |
| CA\_n2A-n5A-n261(A-I) | CA\_n2A-n5A  CA\_n2A-n261A/G/H/I  CA\_n5A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n5 | 5, 10, 15, 20 |  | |
|  |  | | n261 | CA\_n261(A-I) |  | |
| CA\_n2A-n12A-n260A | CA\_n2A-n12A  CA\_n2A-n260A  CA\_n12A-n260A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n12 | 5, 10, 15 |  | |
|  |  | | n260 | 50, 100, 200, 400 |  | |
| CA\_n2A-n12A-n260G | CA\_n2A-n12A  CA\_n2A-n260A/G  CA\_n12A-n260A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n12 | 5, 10, 15 |  | |
|  |  | | n260 | CA\_n260G |  | |
| CA\_n2A-n12A-n260H | CA\_n2A-n12A  CA\_n2A-n260A/G/H  CA\_n12A-n260A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n12 | 5, 10, 15 |  | |
|  |  | | n260 | CA\_n260H |  | |
| CA\_n2A-n12A-n260I | CA\_n2A-n12A  CA\_n2A-n260A/G/H/I  CA\_n12A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n12 | 5, 10, 15 |  | |
|  |  | | n260 | CA\_n260I |  | |
| CA\_n2A-n12A-n260J | CA\_n2A-n12A  CA\_n2A-n260A/G/H/I/J  CA\_n12A-n260A/G/H/I/J | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n12 | 5, 10, 15 |  | |
|  |  | | n260 | CA\_n260J |  | |
| CA\_n2A-n12A-n260K | CA\_n2A-n12A  CA\_n2A-n260A/G/H/I/J/K  CA\_n12A-n260A/G/H/I/J/K | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n12 | 5, 10, 15 |  | |
|  |  | | n260 | CA\_n260K |  | |
| CA\_n2A-n12A-n260L |  | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n12 | 5, 10, 15 |  | |
|  |  | | n260 | CA\_n260L |  | |
| CA\_n2A-n12A-n260M | CA\_n2A-n12A  CA\_n2A-n260A/G/H/I/J/K/L/M  CA\_n12A-n260A/G/H/I/J/K/L/M | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n12 | 5, 10, 15 |  | |
|  |  | | n260 | CA\_n260M |  | |
| CA\_n2A-n14A-n260A | CA\_n2A-n14A  CA\_n2A-n260A  CA\_n14A-n260A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n14 | 5, 10 |  | |
|  |  | | n260 | 50, 100, 200, 400 |  | |
| CA\_n2A-n14A-n260G | CA\_n2A-n14A  CA\_n2A-n260A/G  CA\_n14A-n260A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n14 | 5, 10 |  | |
|  |  | | n260 | CA\_n260G |  | |
| CA\_n2A-n14A-n260H | CA\_n2A-n14A  CA\_n2A-n260A/G/H  CA\_n14A-n260A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n14 | 5, 10 |  | |
|  |  | | n260 | CA\_n260H |  | |
| CA\_n2A-n14A-n260I | CA\_n2A-n14A  CA\_n2A-n260A/G/H/I  CA\_n14A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n14 | 5, 10 |  | |
|  |  | | n260 | CA\_n260I |  | |
| CA\_n2A-n14A-n260J | CA\_n2A-n14A  CA\_n2A-n260A/G/H/I/J  CA\_n14A-n260A/G/H/I/J | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n14 | 5, 10 |  | |
|  |  | | n260 | CA\_n260J |  | |
| CA\_n2A-n14A-n260K | CA\_n2A-n14A  CA\_n2A-n260A/G/H/I/J/K  CA\_n14A-n260A/G/H/I/J/K | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n14 | 5, 10 |  | |
|  |  | | n260 | CA\_n260K |  | |
| CA\_n2A-n14A-n260L | CA\_n2A-n14A  CA\_n2A-n260A/G/H/I/J/K/L  CA\_n14A-n260A/G/H/I/J/K/L | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n14 | 5, 10 |  | |
|  |  | | n260 | CA\_n260L |  | |
| CA\_n2A-n14A-n260M | CA\_n2A-n14A  CA\_n2A-n260A/G/H/I/J/K/L/M  CA\_n14A-n260A/G/H/I/J/K/L/M | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n14 | 5, 10 |  | |
|  |  | | n260 | CA\_n260M |  | |
| CA\_n2A-n30A-n260A | CA\_n2A-n30A  CA\_n2A-n260A  CA\_n30A-n260A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n30 | 5, 10 |  | |
|  |  | | n260 | 50, 100, 200, 400 |  | |
| CA\_n2A-n30A-n260G | CA\_n2A-n30A  CA\_n2A-n260A/G  CA\_n30A-n260A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n30 | 5, 10 |  | |
|  |  | | n260 | CA\_n260G |  | |
| CA\_n2A-n30A-n260H | CA\_n2A-n30A  CA\_n2A-n260A/G/H  CA\_n30A-n260A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n30 | 5, 10 |  | |
|  |  | | n260 | CA\_n260H |  | |
| CA\_n2A-n30A-n260I | CA\_n2A-n30A  CA\_n2A-n260A/G/H/I  CA\_n30A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n30 | 5, 10 |  | |
|  |  | | n260 | CA\_n260I |  | |
| CA\_n2A-n30A-n260J | CA\_n2A-n30A  CA\_n2A-n260A/G/H/I/J  CA\_n30A-n260A/G/H/I/J | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n30 | 5, 10 |  | |
|  |  | | n260 | CA\_n260J |  | |
| CA\_n2A-n30A-n260K | CA\_n2A-n30A  CA\_n2A-n260A/G/H/I/J/K  CA\_n30A-n260A/G/H/I/J/K | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n30 | 5, 10 |  | |
|  |  | | n260 | CA\_n260K |  | |
| CA\_n2A-n30A-n260L | CA\_n2A-n30A  CA\_n2A-n260A/G/H/I/J/K/L  CA\_n30A-n260A/G/H/I/J/K/L | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n30 | 5, 10 |  | |
|  |  | | n260 | CA\_n260L |  | |
| CA\_n2A-n30A-n260M | CA\_n2A-n30A  CA\_n2A-n260A/G/H/I/J/K/L/M  CA\_n30A-n260A/G/H/I/J/K/L/M | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n30 | 5, 10 |  | |
|  |  | | n260 | CA\_n260M |  | |
| CA\_n2A-n48A-n260A | CA\_n2A-n260A  CA\_n48A-n260A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n260 | 50, 100, 200, 400 |  | |
| CA\_n2A-n48A-n260G | CA\_n2A-n260A/G  CA\_n48A-n260A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n260 | CA\_n260G |  | |
| CA\_n2A-n48A-n260H | CA\_n2A-n260A/G/H  CA\_n48A-n260A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n260 | CA\_n260H |  | |
| CA\_n2A-n48A-n260I | CA\_n2A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n260 | CA\_n260I |  | |
| CA\_n2A-n48A-n260J | CA\_n2A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n260 | CA\_n260J |  | |
| CA\_n2A-n48A-n260K | CA\_n2A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n260 | CA\_n260K |  | |
| CA\_n2A-n48A-n260L | CA\_n2A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n260 | CA\_n260L |  | |
| CA\_n2A-n48A-n260M | CA\_n2A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n260 | CA\_n260M |  | |
| CA\_n2A-n48(2A)-n260A | CA\_n2A-n260A  CA\_n48A-n260A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n260 | 50, 100, 200, 400 |  | |
| CA\_n2A-n48(2A)-n260G | CA\_n2A-n260A/G  CA\_n48A-n260A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n260 | CA\_n260G |  | |
| CA\_n2A-n48(2A)-n260H | CA\_n2A-n260A/G/H  CA\_n48A-n260A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n260 | CA\_n260H |  | |
| CA\_n2A-n48(2A)-n260I | CA\_n2A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n260 | CA\_n260I |  | |
| CA\_n2A-n48(2A)-n260J | CA\_n2A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n260 | CA\_n260J |  | |
| CA\_n2A-n48(2A)-n260K | CA\_n2A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n260 | CA\_n260K |  | |
| CA\_n2A-n48(2A)-n260L | CA\_n2A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n260 | CA\_n260L |  | |
| CA\_n2A-n48(2A)-n260M | CA\_n2A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n260 | CA\_n260M |  | |
| CA\_n2A-n48B-n260A | CA\_n2A-n260A  CA\_n48A-n260A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n260 | 50, 100, 200, 400 |  | |
| CA\_n2A-n48B-n260G | CA\_n2A-n260A/G  CA\_n48A-n260A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n260 | CA\_n260G |  | |
| CA\_n2A-n48B-n260H | CA\_n2A-n260A/G/H  CA\_n48A-n260A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n260 | CA\_n260H |  | |
| CA\_n2A-n48B-n260I | CA\_n2A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n260 | CA\_n260I |  | |
| CA\_n2A-n48B-n260J | CA\_n2A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n260 | CA\_n260J |  | |
| CA\_n2A-n48B-n260K | CA\_n2A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n260 | CA\_n260K |  | |
| CA\_n2A-n48B-n260L | CA\_n2A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n260 | CA\_n260L |  | |
| CA\_n2A-n48B-n260M | CA\_n2A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n260 | CA\_n260M |  | |
| CA\_n2A-n48A-n261A | CA\_n2A-n261A  CA\_n48A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | 50, 100, 200, 400 |  | |
| CA\_n2A-n48A-n261G | CA\_n2A-n261A/G  CA\_n48A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261G |  | |
| CA\_n2A-n48A-n261H | CA\_n2A-n261A/G/H  CA\_n48A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261H |  | |
| CA\_n2A-n48A-n261I | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261I |  | |
| CA\_n2A-n48A-n261J | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261J |  | |
| CA\_n2A-n48A-n261K | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261K |  | |
| CA\_n2A-n48A-n261L | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261L |  | |
| CA\_n2A-n48A-n261M | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261M |  | |
| CA\_n2A-n48A-n261(A-G) | CA\_n2A-n261A/G  CA\_n48A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(A-G) |  | |
| CA\_n2A-n48A-n261(A-H) | CA\_n2A-n261A/G/H  CA\_n48A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(A-H) |  | |
| CA\_n2A-n48A-n261(A-I) | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(A-I) |  | |
| CA\_n2A-n48A-n261(G-H) | CA\_n2A-n261A/G/H  CA\_n48A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(G-H) |  | |
| CA\_n2A-n48A-n261(2A-G) | CA\_n2A-n261A/G  CA\_n48A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(2A-G) |  | |
| CA\_n2A-n48A-n261(2A-H) | CA\_n2A-n261A/G/H  CA\_n48A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(2A-H) |  | |
| CA\_n2A-n48A-n261(A-2G) | CA\_n2A-n261A/G  CA\_n48A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(A-2G) |  | |
| CA\_n2A-n48A-n261(A-G-H) | CA\_n2A-n261A/G/H  CA\_n48A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(A-G-H) |  | |
| CA\_n2A-n48A-n261(2A) | CA\_n2A-n261A  CA\_n48A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(2A) |  | |
| CA\_n2A-n48A-n261(3A) | CA\_n2A-n261A  CA\_n48A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(3A) |  | |
| CA\_n2A-n48A-n261(2G) | CA\_n2A-n261A/G  CA\_n48A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(2G) |  | |
| CA\_n2A-n48A-n261(2H) | CA\_n2A-n261A/G/H  CA\_n48A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(2H) |  | |
| CA\_n2A-n48A-n261(G-I) | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(G-I) |  | |
| CA\_n2A-n48A-n261(H-I) | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(H-I) |  | |
| CA\_n2A-n48A-n261(2A-I) | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(2A-I) |  | |
| CA\_n2A-n48A-n261(A-G-I) | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(A-G-I) |  | |
| CA\_n2A-n48(2A)-n261A | CA\_n2A-n261A  CA\_n48A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | 50, 100, 200, 400 |  | |
| CA\_n2A-n48(2A)-n261G | CA\_n2A-n261A/G  CA\_n48A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261G |  | |
| CA\_n2A-n48(2A)-n261H | CA\_n2A-n261A/G/H  CA\_n48A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261H |  | |
| CA\_n2A-n48(2A)-n261I | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261I |  | |
| CA\_n2A-n48(2A)-n261J | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261J |  | |
| CA\_n2A-n48(2A)-n261K | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261K |  | |
| CA\_n2A-n48(2A)-n261L | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261L |  | |
| CA\_n2A-n48(2A)-n261M | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261M |  | |
| CA\_n2A-n48(2A)-n261(A-G) | CA\_n2A-n261A/G  CA\_n48A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261(A-G) |  | |
| CA\_n2A-n48(2A)-n261(A-H) | CA\_n2A-n261A/G/H  CA\_n48A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261(A-H) |  | |
| CA\_n2A-n48(2A)-n261(A-I) | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261(A-I) |  | |
| CA\_n2A-n48(2A)-n261(G-H) | CA\_n2A-n261A/G/H  CA\_n48A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261(G-H) |  | |
| CA\_n2A-n48(2A)-n261(2A-G) | CA\_n2A-n261A/G  CA\_n48A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261(2A-G) |  | |
| CA\_n2A-n48(2A)-n261(2A-H) | CA\_n2A-n261A/G/H  CA\_n48A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261(2A-H) |  | |
| CA\_n2A-n48(2A)-n261(A-2G) | CA\_n2A-n261A/G  CA\_n48A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261(A-2G) |  | |
| CA\_n2A-n48(2A)-n261(A-G-H) | CA\_n2A-n261A/G/H  CA\_n48A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261(A-G-H) |  | |
| CA\_n2A-n48(2A)-n261(2A) | CA\_n2A-n261A  CA\_n48A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261(2A) |  | |
| CA\_n2A-n48(2A)-n261(3A) | CA\_n2A-n261A  CA\_n48A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261(3A) |  | |
| CA\_n2A-n48(2A)-n261(2G) | CA\_n2A-n261A/G  CA\_n48A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261(2G) |  | |
| CA\_n2A-n48(2A)-n261(2H) | CA\_n2A-n261A/G/H  CA\_n48A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261(2H) |  | |
| CA\_n2A-n48(2A)-n261(G-I) | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261(G-I) |  | |
| CA\_n2A-n48(2A)-n261(H-I) | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261(H-I) |  | |
| CA\_n2A-n48(2A)-n261(2A-I) | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261(2A-I) |  | |
| CA\_n2A-n48(2A)-n261(A-G-I) | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  |  | | n261 | CA\_n261(A-G-I) |  | |
| CA\_n2A-n48B-n261A | CA\_n2A-n261A  CA\_n48A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | 50, 100, 200, 400 |  | |
| CA\_n2A-n48B-n261G | CA\_n2A-n261A/G  CA\_n48A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261G |  | |
| CA\_n2A-n48B-n261H | CA\_n2A-n261A/G/H  CA\_n48A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261H |  | |
| CA\_n2A-n48B-n261I | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261I |  | |
| CA\_n2A-n48B-n261J | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261J |  | |
| CA\_n2A-n48B-n261K | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261K |  | |
| CA\_n2A-n48B-n261L | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261L |  | |
| CA\_n2A-n48B-n261M | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261M |  | |
| CA\_n2A-n48B-n261(A-G) | CA\_n2A-n261A/G  CA\_n48A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261(A-G) |  | |
| CA\_n2A-n48B-n261(A-H) | CA\_n2A-n261A/G/H  CA\_n48A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261(A-H) |  | |
| CA\_n2A-n48B-n261(A-I) | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261(A-I) |  | |
| CA\_n2A-n48B-n261(G-H) | CA\_n2A-n261A/G/H  CA\_n48A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261(G-H) |  | |
| CA\_n2A-n48B-n261(2A-G) | CA\_n2A-n261A/G  CA\_n48A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261(2A-G) |  | |
| CA\_n2A-n48B-n261(2A-H) | CA\_n2A-n261A/G/H  CA\_n48A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261(2A-H) |  | |
| CA\_n2A-n48B-n261(A-2G) | CA\_n2A-n261A/G  CA\_n48A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261(A-2G) |  | |
| CA\_n2A-n48B-n261(A-G-H) | CA\_n2A-n261A/G/H  CA\_n48A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261(A-G-H) |  | |
| CA\_n2A-n48B-n261(2A) | CA\_n2A-n261A  CA\_n48A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261(2A) |  | |
| CA\_n2A-n48B-n261(3A) | CA\_n2A-n261A  CA\_n48A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261(3A) |  | |
| CA\_n2A-n48B-n261(2G) | CA\_n2A-n261A/G  CA\_n48A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261(2G) |  | |
| CA\_n2A-n48B-n261(2H) | CA\_n2A-n261A/G/H  CA\_n48A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261(2H) |  | |
| CA\_n2A-n48B-n261(G-I) | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261(G-I) |  | |
| CA\_n2A-n48B-n261(H-I) | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261(H-I) |  | |
| CA\_n2A-n48B-n261(2A-I) | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261(2A-I) |  | |
| CA\_n2A-n48B-n261(A-G-I) | CA\_n2A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n48 | CA\_n48B |  | |
|  |  | | n261 | CA\_n261(A-G-I) |  | |
| CA\_n2A-n66A-n260A | CA\_n2A-n66A  CA\_n2A-n260A  CA\_n66A-n260A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n260 | 50, 100, 200, 400 |  | |
| CA\_n2A-n66A-n260G | CA\_n2A-n66A  CA\_n2A-n260A/G  CA\_n66A-n260A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n260 | CA\_n260G |  | |
| CA\_n2A-n66A-n260H | CA\_n2A-n66A  CA\_n2A-n260A/G/H  CA\_n66A-n260A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n260 | CA\_n260H |  | |
| CA\_n2A-n66A-n260I | CA\_n2A-n66A  CA\_n2A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n260 | CA\_n260I |  | |
| CA\_n2A-n66A-n260J | CA\_n2A-n66A  CA\_n2A-n260A/G/H/I/J  CA\_n66A-n260A/G/H/I/J | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n260 | CA\_n260J |  | |
| CA\_n2A-n66A-n260K | CA\_n2A-n66A  CA\_n2A-n260A/G/H/I/J/K  CA\_n66A-n260A/G/H/I/J/K | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n260 | CA\_n260K |  | |
| CA\_n2A-n66A-n260L | CA\_n2A-n66A  CA\_n2A-n260A/G/H/I/J/K/L  CA\_n66A-n260A/G/H/I/J/K/L | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n260 | CA\_n260L |  | |
| CA\_n2A-n66A-n260M | CA\_n2A-n66A  CA\_n2A-n260A/G/H/I/J/K/L/M  CA\_n66A-n260A/G/H/I/J/K/L/M | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n260 | CA\_n260M |  | |
| CA\_n2A-n66A-n261A | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n66A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | 50, 100, 200, 400 |  | |
| CA\_n2A-n66A-n261G | CA\_n2A-n66A  CA\_n2A-n261A/G  CA\_n66A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261G |  | |
| CA\_n2A-n66A-n261H | CA\_n2A-n66A  CA\_n2A-n261A/G/H  CA\_n66A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261H |  | |
| CA\_n2A-n66A-n261I | CA\_n2A-n66A  CA\_n2A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261I |  | |
| CA\_n2A-n66A-n261J | CA\_n2A-n66A  CA\_n2A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261J |  | |
| CA\_n2A-n66A-n261K | CA\_n2A-n66A  CA\_n2A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261K |  | |
| CA\_n2A-n66A-n261L | CA\_n2A-n66A  CA\_n2A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261L |  | |
| CA\_n2A-n66A-n261M | CA\_n2A-n66A  CA\_n2A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261M |  | |
| CA\_n2A-n66A-n261(2G) | CA\_n2A-n66A  CA\_n2A-n261A/G  CA\_n66A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261(2G) |  | |
| CA\_n2A-n66A-n261(G-H) | CA\_n2A-n66A  CA\_n2A-n261A/G/H  CA\_n66A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261(G-H) |  | |
| CA\_n2A-n66A-n261(A-G-H) | CA\_n2A-n66A  CA\_n2A-n261A/G/H  CA\_n66A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261(A-G-H) |  | |
| CA\_n2A-n66A-n261(G-I) | CA\_n2A-n66A  CA\_n2A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261(G-I) |  | |
| CA\_n2A-n66A-n261(2H) | CA\_n2A-n66A  CA\_n2A-n261A/G/H  CA\_n66A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261(2H) |  | |
| CA\_n2A-n66A-n261(A-G-I) | CA\_n2A-n66A  CA\_n2A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261(A-G-I) |  | |
| CA\_n2A-n66A-n261(H-I) | CA\_n2A-n66A  CA\_n2A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261(H-I) |  | |
| CA\_n2A-n66A-n261(2A-G) | CA\_n2A-n66A  CA\_n2A-n261A/G  CA\_n66A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261(2A-G) |  | |
| CA\_n2A-n66A-n261(2A-H) | CA\_n2A-n66A  CA\_n2A-n261A/G/H  CA\_n66A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261(2A-H) |  | |
| CA\_n2A-n66A-n261(2A-I) | CA\_n2A-n66A  CA\_n2A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261(2A-I) |  | |
| CA\_n2A-n66A-n261(2A) | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n66A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261(2A) |  | |
| CA\_n2A-n66A-n261(3A) | CA\_n2A-n66A  CA\_n2A-n261A  CA\_n66A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261(3A) |  | |
| CA\_n2A-n66A-n261(A-2G) | CA\_n2A-n66A  CA\_n2A-n261A/G  CA\_n66A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261(A-2G) |  | |
| CA\_n2A-n66A-n261(A-G) | CA\_n2A-n66A  CA\_n2A-n261A/G  CA\_n66A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261(A-G) |  | |
| CA\_n2A-n66A-n261(A-H) | CA\_n2A-n66A  CA\_n2A-n261A/G/H  CA\_n66A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261(A-H) |  | |
| CA\_n2A-n66A-n261(A-I) | CA\_n2A-n66A  CA\_n2A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n261 | CA\_n261(A-I) |  | |
| CA\_n2A-n77A-n260A | CA\_n2A-n77A  CA\_n77A-n260A  CA\_n2A-n260A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n260 | 50, 100, 200, 400 |  | |
| CA\_n2A-n77A-n260G | CA\_n2A-n77A  CA\_n2A-n260A/G  CA\_n77A-n260A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n260 | CA\_n260G |  | |
| CA\_n2A-n77A-n260H | CA\_n2A-n77A  CA\_n2A-n260A/G/H  CA\_n77A-n260A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n260 | CA\_n260H |  | |
| CA\_n2A-n77A-n260I | CA\_n2A-n77A  CA\_n2A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n260 | CA\_n260I |  | |
| CA\_n2A-n77A-n260J | CA\_n2A-n77A  CA\_n2A-n260A/G/H/I/J  CA\_n77A-n260A/G/H/I/J | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n260 | CA\_n260J |  | |
| CA\_n2A-n77A-n260K | CA\_n2A-n77A  CA\_n2A-n260A/G/H/I/J/K  CA\_n77A-n260A/G/H/I/J/K | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n260 | CA\_n260K |  | |
| CA\_n2A-n77A-n260L | CA\_n2A-n77A  CA\_n2A-n260A/G/H/I/J/K/L  CA\_n77A-n260A/G/H/I/J/K/L | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n260 | CA\_n260L |  | |
| CA\_n2A-n77A-n260M | CA\_n2A-n77A  CA\_n2A-n260A/G/H/I/J/K/L/M  CA\_n77A-n260A/G/H/I/J/K/L/M | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n260 | CA\_n260M |  | |
| CA\_n2A-n77C-n260A | CA\_n2A-n260A  CA\_n77A-n260A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n260 | CA\_n260A |  | |
| CA\_n2A-n77C-n260G | CA\_n2A-n260A/G  CA\_n77A-n260A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n260 | CA\_n260G |  | |
| CA\_n2A-n77C-n260H | CA\_n2A-n260A/G/H  CA\_n77A-n260A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n260 | CA\_n260H |  | |
| CA\_n2A-n77C-n260I | CA\_n2A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n260 | CA\_n260I |  | |
| CA\_n2A-n77C-n260J | CA\_n2A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n260 | CA\_n260J |  | |
| CA\_n2A-n77C-n260K | CA\_n2A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n260 | CA\_n260K |  | |
| CA\_n2A-n77C-n260L | CA\_n2A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n260 | CA\_n260L |  | |
| CA\_n2A-n77C-n260M | CA\_n2A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n260 | CA\_n260M |  | |
| CA\_n2A-n77A-n261A | CA\_n77A-n261A  CA\_n2A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | 50, 100, 200, 400 |  | |
| CA\_n2A-n77A-n261G | CA\_n2A-n261A/G  CA\_n77A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261G |  | |
| CA\_n2A-n77A-n261H | CA\_n2A-n261A/G/H  CA\_n77A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261H |  | |
| CA\_n2A-n77A-n261I | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261I |  | |
| CA\_n2A-n77A-n261J | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261J |  | |
| CA\_n2A-n77A-n261K | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261K |  | |
| CA\_n2A-n77A-n261L | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261L |  | |
| CA\_n2A-n77A-n261M | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261M |  | |
| CA\_n2A-n77A-n261(A-G) | CA\_n2A-n261A/G  CA\_n77A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(A-G) |  | |
| CA\_n2A-n77A-n261(A-H) | CA\_n2A-n261A/G/H  CA\_n77A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(A-H) |  | |
| CA\_n2A-n77A-n261(G-H) | CA\_n2A-n261A/G/H  CA\_n77A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(G-H) |  | |
| CA\_n2A-n77A-n261(2A-G) | CA\_n2A-n261A/G  CA\_n77A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(2A-G) |  | |
| CA\_n2A-n77A-n261(2A-H) | CA\_n2A-n261A/G/H  CA\_n77A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(2A-H) |  | |
| CA\_n2A-n77A-n261(A-2G) | CA\_n2A-n261A/G  CA\_n77A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(A-2G) |  | |
| CA\_n2A-n77A-n261(A-G-H) | CA\_n2A-n261A/G/H  CA\_n77A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(A-G-H) |  | |
| CA\_n2A-n77A-n261(A-I) | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(A-I) |  | |
| CA\_n2A-n77A-n261(G-I) | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(G-I) |  | |
| CA\_n2A-n77A-n261(2A) | CA\_n2A-n261A  CA\_n77A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(2A) |  | |
| CA\_n2A-n77A-n261(3A) | CA\_n2A-n261A  CA\_n77A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(3A) |  | |
| CA\_n2A-n77A-n261(2G) | CA\_n2A-n261A/G  CA\_n77A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(2G) |  | |
| CA\_n2A-n77A-n261(2H) | CA\_n2A-n261A/G/H  CA\_n77A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(2H) |  | |
| CA\_n2A-n77A-n261(2A-I) | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(2A-I) |  | |
| CA\_n2A-n77A-n261(A-G-I) | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(A-G-I) |  | |
| CA\_n2A-n77A-n261(H-I) | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n261 | CA\_n261(H-I) |  | |
| CA\_n2A-n77C-n261A | CA\_n2A-n261A  CA\_n77A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261A |  | |
| CA\_n2A-n77C-n261G | CA\_n2A-n261A/G  CA\_n77A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261G |  | |
| CA\_n2A-n77C-n261H | CA\_n2A-n261A/G/H  CA\_n77A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261H |  | |
| CA\_n2A-n77C-n261I | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261I |  | |
| CA\_n2A-n77C-n261J | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261J |  | |
| CA\_n2A-n77C-n261K | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261K |  | |
| CA\_n2A-n77C-n261L | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261L |  | |
| CA\_n2A-n77C-n261M | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261M |  | |
| CA\_n2A-n77C-n261(A-G) | CA\_n2A-n261A/G  CA\_n77A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261(A-G) |  | |
| CA\_n2A-n77C-n261(A-H) | CA\_n2A-n261A/G/H  CA\_n77A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261(A-H) |  | |
| CA\_n2A-n77C-n261(G-H) | CA\_n2A-n261A/G/H  CA\_n77A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261(G-H) |  | |
| CA\_n2A-n77C-n261(2A-G) | CA\_n2A-n261A/G  CA\_n77A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261(2A-G) |  | |
| CA\_n2A-n77C-n261(2A-H) | CA\_n2A-n261A/G/H  CA\_n77A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261(2A-H) |  | |
| CA\_n2A-n77C-n261(A-2G) | CA\_n2A-n261A/G  CA\_n77A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261(A-2G) |  | |
| CA\_n2A-n77C-n261(A-G-H) | CA\_n2A-n261A/G/H  CA\_n77A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261(A-G-H) |  | |
| CA\_n2A-n77C-n261(A-I) | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261(A-I) |  | |
| CA\_n2A-n77C-n261(G-I) | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261(G-I) |  | |
| CA\_n2A-n77C-n261(2A) | CA\_n2A-n261A  CA\_n77A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261(2A) |  | |
| CA\_n2A-n77C-n261(3A) | CA\_n2A-n261A  CA\_n77A-n261A | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261(3A) |  | |
| CA\_n2A-n77C-n261(2G) | CA\_n2A-n261A/G  CA\_n77A-n261A/G | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261(2G) |  | |
| CA\_n2A-n77C-n261(2H) | CA\_n2A-n261A/G/H  CA\_n77A-n261A/G/H | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261(2H) |  | |
| CA\_n2A-n77C-n261(H-I) | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261(H-I) |  | |
| CA\_n2A-n77C-n261(2A-I) | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261(2A-I) |  | |
| CA\_n2A-n77C-n261(A-G-I) | CA\_n2A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n2 | 5, 10, 15, 20 | 0 | |
|  |  | | n77 | CA\_n77C\_BCS1 |  | |
|  |  | | n261 | CA\_n261(A-G-I) |  | |
| CA\_n3A-n7A-n257A | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n3A-n7A-n257G | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n3A-n7A-n257H | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n3A-n7A-n257I | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n3A-n7A-n257J | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n257 | CA\_n257J |  | |
| CA\_n3A-n7A-n257K | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n257 | CA\_n257K |  | |
| CA\_n3A-n7A-n257L | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n257 | CA\_n257L |  | |
| CA\_n3A-n7A-n257M | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n257 | CA\_n257M |  | |
| CA\_n3B-n7A-n257A | - | | n3 | CA\_n3B\_BCS0 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n3B-n7A-n257G | - | | n3 | CA\_n3B\_BCS0 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n3B-n7A-n257H | - | | n3 | CA\_n3B\_BCS0 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n3B-n7A-n257I | - | | n3 | CA\_n3B\_BCS0 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n3B-n7A-n257J | - | | n3 | CA\_n3B\_BCS0 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n257 | CA\_n257J |  | |
| CA\_n3B-n7A-n257K | - | | n3 | CA\_n3B\_BCS0 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n257 | CA\_n257K |  | |
| CA\_n3B-n7A-n257L | - | | n3 | CA\_n3B\_BCS0 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n257 | CA\_n257L |  | |
| CA\_n3B-n7A-n257M | - | | n3 | CA\_n3B\_BCS0 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n257 | CA\_n257M |  | |
| CA\_n3(2A)-n7A-n257A | - | n3 | | CA\_n3(2A)\_BCS1 | 0 | |
|  |  | n7 | | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | n257 | | 50, 100, 200, 400 |  | |
| CA\_n3(2A)-n7A-n257G | - | n3 | | CA\_n3(2A)\_BCS1 | 0 | |
|  |  | n7 | | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | n257 | | CA\_n257G |  | |
| CA\_n3(2A)-n7A-n257H | - | n3 | | CA\_n3(2A)\_BCS1 | 0 | |
|  |  | n7 | | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | n257 | | CA\_n257H |  | |
| CA\_n3(2A)-n7A-n257I | - | n3 | | CA\_n3(2A)\_BCS1 | 0 | |
|  |  | n7 | | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | n257 | | CA\_n257I |  | |
| CA\_n3(2A)-n7A-n257J | - | n3 | | CA\_n3(2A)\_BCS1 | 0 | |
|  |  | n7 | | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | n257 | | CA\_n257J |  | |
| CA\_n3(2A)-n7A-n257K | - | n3 | | CA\_n3(2A)\_BCS1 | 0 | |
|  |  | n7 | | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | n257 | | CA\_n257K |  | |
| CA\_n3(2A)-n7A-n257L | - | n3 | | CA\_n3(2A)\_BCS1 | 0 | |
|  |  | n7 | | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | n257 | | CA\_n257L |  | |
| CA\_n3(2A)-n7A-n257M | - | n3 | | CA\_n3(2A)\_BCS1 | 0 | |
|  |  | n7 | | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | n257 | | CA\_n257M |  | |
| CA\_n3A-n7A-n258A | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  | |
|  |  | | n258 | 50, 100, 200, 400 |  | |
| CA\_n3A-n7A-n258B | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  | |
|  |  | | n258 | CA\_n258B |  | |
| CA\_n3A-n7A-n258C | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  | |
|  |  | | n258 | CA\_n258C |  | |
| CA\_n3A-n7A-n258D | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  | |
|  |  | | n258 | CA\_n258D |  | |
| CA\_n3A-n7A-n258E | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  | |
|  |  | | n258 | CA\_n258E |  | |
| CA\_n3A-n7A-n258F | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  | |
|  |  | | n258 | CA\_n258F |  | |
| CA\_n3A-n7A-n258G | CA\_n3A-n258A/G  CA\_n7A-n258A/G  CA\_n3A-n7A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  | |
|  |  | | n258 | CA\_n258G |  | |
| CA\_n3A-n7A-n258H | CA\_n3A-n258A/G/H  CA\_n7A-n258A/G/H  CA\_n3A-n7A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  | |
|  |  | | n258 | CA\_n258H |  | |
| CA\_n3A-n7A-n258I | CA\_n3A-n258A/G/H/I  CA\_n7A-n258A/G/H/I  CA\_n3A-n7A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  | |
|  |  | | n258 | CA\_n258I |  | |
| CA\_n3A-n7A-n258J | CA\_n3A-n258A/G/H/I  CA\_n7A-n258A/G/H/I  CA\_n3A-n7A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  | |
|  |  | | n258 | CA\_n258J |  | |
| CA\_n3A-n7A-n258K | CA\_n3A-n258A/G/H/I  CA\_n7A-n258A/G/H/I  CA\_n3A-n7A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  | |
|  |  | | n258 | CA\_n258K |  | |
| CA\_n3A-n7A-n258L | CA\_n3A-n258A/G/H/I  CA\_n7A-n258A/G/H/I  CA\_n3A-n7A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  | |
|  |  | | n258 | CA\_n258L |  | |
| CA\_n3A-n7A-n258M | CA\_n3A-n258A/G/H/I  CA\_n7A-n258A/G/H/I  CA\_n3A-n7A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 40, 50 |  | |
|  |  | | n258 | CA\_n258M |  | |
| CA\_n3A-n7B-n258A | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A  CA\_n7B | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | CA\_n7B |  | |
|  |  | | n258 | 50, 100, 200, 400 |  | |
| CA\_n3A-n7B-n258B | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A  CA\_n7B | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | CA\_n7B |  | |
|  |  | | n258 | CA\_n258B |  | |
| CA\_n3A-n7B-n258C | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A  CA\_n7B | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | CA\_n7B |  | |
|  |  | | n258 | CA\_n258C |  | |
| CA\_n3A-n7B-n258D | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A  CA\_n7B | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | CA\_n7B |  | |
|  |  | | n258 | CA\_n258D |  | |
| CA\_n3A-n7B-n258E | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A  CA\_n7B | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | CA\_n7B |  | |
|  |  | | n258 | CA\_n258E |  | |
| CA\_n3A-n7B-n258F | CA\_n3A-n258A  CA\_n7A-n258A  CA\_n3A-n7A  CA\_n7B | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | CA\_n7B |  | |
|  |  | | n258 | CA\_n258F |  | |
| CA\_n3A-n7B-n258G | CA\_n3A-n258A/G  CA\_n7A-n258A/G  CA\_n3A-n7A  CA\_n7B | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | CA\_n7B |  | |
|  |  | | n258 | CA\_n258G |  | |
| CA\_n3A-n7B-n258H | CA\_n3A-n258A/G/H  CA\_n7A-n258A/G/H  CA\_n3A-n7A  CA\_n7B | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | CA\_n7B |  | |
|  |  | | n258 | CA\_n258H |  | |
| CA\_n3A-n7B-n258I | CA\_n3A-n258A/G/H/I  CA\_n7A-n258A/G/H/I  CA\_n3A-n7A  CA\_n7B | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | CA\_n7B |  | |
|  |  | | n258 | CA\_n258I |  | |
| CA\_n3A-n7B-n258J | CA\_n3A-n258A/G/H/I  CA\_n7A-n258A/G/H/I  CA\_n3A-n7A  CA\_n7B | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | CA\_n7B |  | |
|  |  | | n258 | CA\_n258J |  | |
| CA\_n3A-n7B-n258K | CA\_n3A-n258A/G/H/I  CA\_n7A-n258A/G/H/I  CA\_n3A-n7A  CA\_n7B | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | CA\_n7B |  | |
|  |  | | n258 | CA\_n258K |  | |
| CA\_n3A-n7B-n258L | CA\_n3A-n258A/G/H/I  CA\_n7A-n258A/G/H/I  CA\_n3A-n7A  CA\_n7B | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | CA\_n7B |  | |
|  |  | | n258 | CA\_n258L |  | |
| CA\_n3A-n7B-n258M | CA\_n3A-n258A/G/H/I  CA\_n7A-n258A/G/H/I  CA\_n3A-n7A  CA\_n7B | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n7 | CA\_n7B |  | |
|  |  | | n258 | CA\_n258M |  | |
| CA\_n3B-n7A-n258A | - | | n3 | CA\_n3B\_BCS0 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n258 | 50, 100, 200, 400 |  | |
| CA\_n3B-n7A-n258G | - | | n3 | CA\_n3B\_BCS0 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n258 | CA\_n258G |  | |
| CA\_n3B-n7A-n258H | - | | n3 | CA\_n3B\_BCS0 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n258 | CA\_n258H |  | |
| CA\_n3B-n7A-n258I | - | | n3 | CA\_n3B\_BCS0 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n258 | CA\_n258I |  | |
| CA\_n3B-n7A-n258J | - | | n3 | CA\_n3B\_BCS0 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n258 | CA\_n258J |  | |
| CA\_n3B-n7A-n258K | - | | n3 | CA\_n3B\_BCS0 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n258 | CA\_n258K |  | |
| CA\_n3B-n7A-n258L | - | | n3 | CA\_n3B\_BCS0 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n258 | CA\_n258L |  | |
| CA\_n3B-n7A-n258M | - | | n3 | CA\_n3B\_BCS0 | 0 | |
|  |  | | n7 | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | | n258 | CA\_n258M |  | |
| CA\_n3(2A)-n7A-n258A | - | n3 | | CA\_n3(2A)\_BCS1 | 0 | |
|  |  | n7 | | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | n258 | | 50, 100, 200, 400 |  | |
| CA\_n3(2A)-n7A-n258G | - | n3 | | CA\_n3(2A)\_BCS1 | 0 | |
|  |  | n7 | | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | n258 | | CA\_n258G |  | |
| CA\_n3(2A)-n7A-n258H | - | n3 | | CA\_n3(2A)\_BCS1 | 0 | |
|  |  | n7 | | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | n258 | | CA\_n258H |  | |
| CA\_n3(2A)-n7A-n258I | - | n3 | | CA\_n3(2A)\_BCS1 | 0 | |
|  |  | n7 | | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | n258 | | CA\_n258I |  | |
| CA\_n3(2A)-n7A-n258J | - | n3 | | CA\_n3(2A)\_BCS1 | 0 | |
|  |  | n7 | | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | n258 | | CA\_n258J |  | |
| CA\_n3(2A)-n7A-n258K | - | n3 | | CA\_n3(2A)\_BCS1 | 0 | |
|  |  | n7 | | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | n258 | | CA\_n258K |  | |
| CA\_n3(2A)-n7A-n258L | - | n3 | | CA\_n3(2A)\_BCS1 | 0 | |
|  |  | n7 | | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | n258 | | CA\_n258L |  | |
| CA\_n3(2A)-n7A-n258M | - | n3 | | CA\_n3(2A)\_BCS1 | 0 | |
|  |  | n7 | | 5, 10, 15, 20, 25, 30, 35, 40, 50 |  | |
|  |  | n258 | | CA\_n258M |  | |
| CA\_n3A-n8A-n257A | - | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n3A-n8A-n257G | - | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n3A-n8A-n257H | - | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n3A-n8A-n257I | - | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n3A-n8A-n257J | - | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257J |  | |
| CA\_n3A-n8A-n257K | - | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257K |  | |
| CA\_n3A-n8A-n257L | - | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257L |  | |
| CA\_n3A-n8A-n257M | - | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n8 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257M |  | |
| CA\_n3A-n18A-n257A | CA\_n3A-n18A  CA\_n3A-n257A  CA\_n18A-n257A | | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 | |
|  |  | | n18 | 5, 10, 15 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n3A-n18A-n257G | CA\_n3A-n18A  CA\_n3A-n257A/G  CA\_n18A-n257A/G | | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 | |
|  |  | | n18 | 5, 10, 15 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n3A-n18A-n257H | CA\_n3A-n18A  CA\_n3A-n257A/G/H  CA\_n18A-n257A/G/H | | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 | |
|  |  | | n18 | 5, 10, 15 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n3A-n18A-n257I | CA\_n3A-n18A  CA\_n3A-n257A/G/H/I  CA\_n18A-n257A/G/H/I | | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 | |
|  |  | | n18 | 5, 10, 15 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n3A-n28A-n257A | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n28A-n77A  CA\_n3A-n28A  CA\_n3A-n257A  CA\_n28A-n257A | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n28 | 5, 10, 15, 20 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n3A-n28A-n257D | CA\_n3A-n28A  CA\_n3A-n257A/D  CA\_n28A-n257A/D | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n28 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257D |  | |
| CA\_n3A-n28A-n257G | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n28A-n77A  CA\_n3A-n28A  CA\_n3A-n257A/G  CA\_n28A-n257A/G | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n28 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n3A-n28A-n257H | CA\_n3A-n28A  CA\_n3A-n77A  CA\_n28A-n77A  CA\_n3A-n28A  CA\_n3A-n257A/G/H  CA\_n28A-n257A/G/H | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n28 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n3A-n28A-n257I | CA\_n3A-n28A  CA\_n3A-n257A/G/H/I  CA\_n28A-n257A/G/H/I | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n28 | 5, 10, 15, 20 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n3A-n28A-n258A | CA\_n3A-n28A  CA\_n3A-n258A  CA\_n28A-n258A | | n3 | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n28 | 5, 10, 15, 20 | |  |
|  |  | | n258 | 50, 100, 200, 400 | |  |
| CA\_n3A-n28A-n258D | CA\_n3A-n28A  CA\_n3A-n258A  CA\_n28A-n258A | | n3 | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n28 | 5, 10, 15, 20 | |  |
|  |  | | n258 | CA\_n258D | |  |
| CA\_n3A-n28A-n258G | CA\_n3A-n28A  CA\_n3A-n258A/G  CA\_n28A-n258A/G | | n3 | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n28 | 5, 10, 15, 20 | |  |
|  |  | | n258 | CA\_n258G | |  |
| CA\_n3A-n28A-n258H | CA\_n3A-n28A  CA\_n3A-n258A/G/H  CA\_n28A-n258A/G/H | | n3 | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n28 | 5, 10, 15, 20 | |  |
|  |  | | n258 | CA\_n258H | |  |
| CA\_n3A-n28A-n258I | CA\_n3A-n28A  CA\_n3A-n258A/G/H/I  CA\_n28A-n258A/G/H/I | | n3 | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n28 | 5, 10, 15, 20 | |  |
|  |  | | n258 | CA\_n258I | |  |
| CA\_n3A-n28A-n258J | CA\_n3A-n28A  CA\_n3A-n258A/G/H/I  CA\_n28A-n258A/G/H/I | | n3 | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n28 | 5, 10, 15, 20 | |  |
|  |  | | n258 | CA\_n258J | |  |
| CA\_n3A-n41A-n257A | CA\_n3A-n41A  CA\_n3A-n257A  CA\_n41A-n257A | | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 | |
|  |  | | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n3A-n41A-n257G | CA\_n3A-n41A  CA\_n3A-n257A/G  CA\_n41A-n257A/G | | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 | |
|  |  | | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n3A-n41A-n257H | CA\_n3A-n41A  CA\_n3A-n257A/G/H  CA\_n41A-n257A/G/H | | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 | |
|  |  | | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n3A-n41A-n257I | CA\_n3A-n41A  CA\_n3A-n257A/G/H/I  CA\_n41A-n257A/G/H/I | | n3 | 5, 10, 15, 20, 25, 30, 40 | 0 | |
|  |  | | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n3A-n77A-n257A | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n77A-n257A | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n3A-n77A-n257D | CA\_n3A-n77A  CA\_n3A-n257A/D  CA\_n77A-n257A/D | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257D |  | |
| CA\_n3A-n77A-n257G | CA\_n3A-n77A  CA\_n3A-n257A/G  CA\_n77A-n257A/G | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n3A-n77A-n257H | CA\_n3A-n77A  CA\_n3A-n257A/G/H  CA\_n77A-n257A/G/H | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n3A-n77A-n257I | CA\_n3A-n77A  CA\_n3A-n257A/G/H/I  CA\_n77A-n257A/G/H/I | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n3A-n77A-n257J | - | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257J |  | |
| CA\_n3A-n77A-n257K | - | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257K |  | |
| CA\_n3A-n77A-n257L | - | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257L |  | |
| CA\_n3A-n77A-n257M | - | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257M |  | |
| CA\_n3A-n77(2A)-n257A | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n77A-n257A | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | CA\_n77(2A) |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n3A-n77(2A)-n257D | CA\_n3A-n77A  CA\_n3A-n257A/D  CA\_n77A-n257A/D | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | CA\_n77(2A) |  | |
|  |  | | n257 | CA\_n257D |  | |
| CA\_n3A-n77(2A)-n257G | CA\_n3A-n77A  CA\_n3A-n257A/G  CA\_n77A-n257A/G | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | CA\_n77(2A) |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n3A-n77(2A)-n257H | CA\_n3A-n77A  CA\_n3A-n257A/G/H  CA\_n77A-n257A/G/H | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | CA\_n77(2A) |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n3A-n77(2A)-n257I | CA\_n3A-n77A  CA\_n3A-n257A/G/H/I  CA\_n77A-n257A/G/H/I | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | CA\_n77(2A) |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n3A-n77(2A)-n257J | - | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | CA\_n77(2A) |  | |
|  |  | | n257 | CA\_n257J |  | |
| CA\_n3A-n77(2A)-n257K | - | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | CA\_n77(2A) |  | |
|  |  | | n257 | CA\_n257K |  | |
| CA\_n3A-n77(2A)-n257L | - | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | CA\_n77(2A) |  | |
|  |  | | n257 | CA\_n257L |  | |
| CA\_n3A-n77(2A)-n257M | - | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | CA\_n77(2A) |  | |
|  |  | | n257 | CA\_n257M |  | |
| CA\_n3A-n77(3A)-n257A | CA\_n3A-n77A  CA\_n3A-n257A  CA\_n77A-n257A | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | CA\_n77(3A) |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n3A-n77(3A)-n257D | CA\_n3A-n77A  CA\_n3A-n257A/D  CA\_n77A-n257A/D | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | CA\_n77(3A) |  | |
|  |  | | n257 | CA\_n257D |  | |
| CA\_n3A-n77(3A)-n257G | CA\_n3A-n77A  CA\_n3A-n257A/G  CA\_n77A-n257A/G | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | CA\_n77(3A) |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n3A-n77(3A)-n257H | CA\_n3A-n77A  CA\_n3A-n257A/G/H  CA\_n77A-n257A/G/H | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | CA\_n77(3A) |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n3A-n77(3A)-n257I | CA\_n3A-n77A  CA\_n3A-n257A/G/H/I  CA\_n77A-n257A/G/H/I | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n77 | CA\_n77(3A) |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n3A-n78A-n257A | CA\_n3A-n78A  CA\_n3A-n257A  CA\_n78A-n257A | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n3A-n78A-n257D | CA\_n3A-n78A  CA\_n3A-n257A/D  CA\_n78A-n257A/D | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257D |  | |
| CA\_n3A-n78A-n257G | CA\_n3A-n78A  CA\_n3A-n257A/G  CA\_n78A-n257A/G | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n3A-n78A-n257H | CA\_n3A-n78A  CA\_n3A-n257A/G/H  CA\_n78A-n257A/G/H | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n3A-n78A-n257I | CA\_n3A-n78A  CA\_n3A-n257A/G/H/I  CA\_n78A-n257A/G/H/I | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n3A-n78A-n258A | CA\_n3A-n258A  CA\_n78A-n258A  CA\_n3A-n78A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n258 | 50, 100, 200, 400 |  | |
| CA\_n3A-n78A-n258B | CA\_n3A-n258A  CA\_n78A-n258A  CA\_n3A-n78A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n258 | CA\_n258B |  | |
| CA\_n3A-n78A-n258C | CA\_n3A-n258A  CA\_n78A-n258A  CA\_n3A-n78A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n258 | CA\_n258C |  | |
| CA\_n3A-n78A-n258D | CA\_n3A-n258A  CA\_n78A-n258A  CA\_n3A-n78A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n258 | CA\_n258D |  | |
| CA\_n3A-n78A-n258E | CA\_n3A-n258A  CA\_n78A-n258A  CA\_n3A-n78A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n258 | CA\_n258E |  | |
| CA\_n3A-n78A-n258F | CA\_n3A-n258A  CA\_n78A-n258A  CA\_n3A-n78A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n258 | CA\_n258F |  | |
| CA\_n3A-n78A-n258G | CA\_n3A-n258A/G  CA\_n78A-n258A/G  CA\_n3A-n78A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n258 | CA\_n258G |  | |
| CA\_n3A-n78A-n258H | CA\_n3A-n258A/G/H  CA\_n78A-n258A/G/H  CA\_n3A-n78A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n258 | CA\_n258H |  | |
| CA\_n3A-n78A-n258I | CA\_n3A-n258A/G/H/I  CA\_n78A-n258A/G/H/I  CA\_n3A-n78A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n258 | CA\_n258I |  | |
| CA\_n3A-n78A-n258J | CA\_n3A-n258A/G/H/I  CA\_n78A-n258A/G/H/I  CA\_n3A-n78A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n258 | CA\_n258J |  | |
| CA\_n3A-n78A-n258K | CA\_n3A-n258A/G/H/I  CA\_n78A-n258A/G/H/I  CA\_n3A-n78A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n258 | CA\_n258K |  | |
| CA\_n3A-n78A-n258L | CA\_n3A-n258A/G/H/I  CA\_n78A-n258A/G/H/I  CA\_n3A-n78A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n258 | CA\_n258L |  | |
| CA\_n3A-n78A-n258M | CA\_n3A-n258A/G/H/I  CA\_n78A-n258A/G/H/I  CA\_n3A-n78A | | n3 | 5, 10, 15, 20, 25, 30, 40, 50 | 0 | |
|  |  | | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | | n258 | CA\_n258M |  | |
| CA\_n3A-n79A-n257A | CA\_n3A-n79A  CA\_n3A-n257A  CA\_n79A-n257A | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n79 | 40, 50, 60, 80, 100 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n3A-n79A-n257G | CA\_n257G  CA\_n3A-n79A  CA\_n3A-n257A/G  CA\_n79A-n257A/G | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n79 | 40, 50, 60, 80, 100 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n3A-n79A-n257H | CA\_n257G/H  CA\_n3A-n79A  CA\_n3A-n257A/G/H  CA\_n79A-n257A/G/H | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n79 | 40, 50, 60, 80, 100 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n3A-n79A-n257I | CA\_n257G/H/I  CA\_n3A-n79A  CA\_n3A-n257A/G/H/I  CA\_n79A-n257A/G/H/I | | n3 | 5, 10, 15, 20, 25, 30 | 0 | |
|  |  | | n79 | 40, 50, 60, 80, 100 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n3A-n79A-n257J | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | CA\_n257J | |  |
| CA\_n3A-n79A-n257K | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | CA\_n257K | |  |
| CA\_n3A-n79A-n257L | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | CA\_n257L | |  |
| CA\_n3A-n79A-n257M | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | CA\_n257M | |  |
| CA\_n3A-n79A-n258A | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | 50, 100, 200, 400 | |  |
| CA\_n3A-n79A-n258G | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258G | |  |
| CA\_n3A-n79A-n258H | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258H | |  |
| CA\_n3A-n79A-n258I | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258I | |  |
| CA\_n3A-n79A-n258J | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258J | |  |
| CA\_n3A-n79A-n258K | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258K | |  |
| CA\_n3A-n79A-n258L | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258L | |  |
| CA\_n3A-n79A-n258M | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258M | |  |
| CA\_n3A-n79C-n257A | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | 50, 100, 200, 400 | |  |
| CA\_n3A-n79C-n257G | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257G | |  |
| CA\_n3A-n79C-n257H | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257H | |  |
| CA\_n3A-n79C-n257I | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257I | |  |
| CA\_n3A-n79C-n257J | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257J | |  |
| CA\_n3A-n79C-n257K | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257K | |  |
| CA\_n3A-n79C-n257L | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257L | |  |
| CA\_n3A-n79C-n257M | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257M | |  |
| CA\_n3A-n79C-n258A | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | 50, 100, 200, 400 | |  |
| CA\_n3A-n79C-n258G | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258G | |  |
| CA\_n3A-n79C-n258H | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258H | |  |
| CA\_n3A-n79C-n258I | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258I | |  |
| CA\_n3A-n79C-n258J | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258J | |  |
| CA\_n3A-n79C-n258K | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258K | |  |
| CA\_n3A-n79C-n258L | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258L | |  |
| CA\_n3A-n79C-n258M | - | | n3 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258M | |  |
| CA\_n3(2A)-n79A-n257A | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | 50, 100, 200, 400 | |  |
| CA\_n3(2A)-n79A-n257G | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | CA\_n257G | |  |
| CA\_n3(2A)-n79A-n257H | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | CA\_n257H | |  |
| CA\_n3(2A)-n79A-n257I | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | CA\_n257I | |  |
| CA\_n3(2A)-n79A-n257J | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | CA\_n257J | |  |
| CA\_n3(2A)-n79A-n257K | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | CA\_n257K | |  |
| CA\_n3(2A)-n79A-n257L | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | CA\_n257L | |  |
| CA\_n3(2A)-n79A-n257M | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | CA\_n257M | |  |
| CA\_n3(2A)-n79A-n258A | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | 50, 100, 200, 400 | |  |
| CA\_n3(2A)-n79A-n258G | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258G | |  |
| CA\_n3(2A)-n79A-n258H | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258H | |  |
| CA\_n3(2A)-n79A-n258I | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258I | |  |
| CA\_n3(2A)-n79A-n258J | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258J | |  |
| CA\_n3(2A)-n79A-n258K | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258K | |  |
| CA\_n3(2A)-n79A-n258L | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258L | |  |
| CA\_n3(2A)-n79A-n258M | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258M | |  |
| CA\_n3(2A)-n79C-n257A | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | 50, 100, 200, 400 | |  |
| CA\_n3(2A)-n79C-n257G | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257G | |  |
| CA\_n3(2A)-n79C-n257H | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257H | |  |
| CA\_n3(2A)-n79C-n257I | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257I | |  |
| CA\_n3(2A)-n79C-n257J | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257J | |  |
| CA\_n3(2A)-n79C-n257K | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257K | |  |
| CA\_n3(2A)-n79C-n257L | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257L | |  |
| CA\_n3(2A)-n79C-n257M | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257M | |  |
| CA\_n3(2A)-n79C-n258A | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | 50, 100, 200, 400 | |  |
| CA\_n3(2A)-n79C-n258G | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258G | |  |
| CA\_n3(2A)-n79C-n258H | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258H | |  |
| CA\_n3(2A)-n79C-n258I | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258I | |  |
| CA\_n3(2A)-n79C-n258J | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258J | |  |
| CA\_n3(2A)-n79C-n258K | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258K | |  |
| CA\_n3(2A)-n79C-n258L | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258L | |  |
| CA\_n3(2A)-n79C-n258M | - | | n3 | CA\_n3(2A)\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258M | |  |
| CA\_n3B-n79A-n257A | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | 50, 100, 200, 400 | |  |
| CA\_n3B-n79A-n257G | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | CA\_n257G | |  |
| CA\_n3B-n79A-n257H | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | CA\_n257H | |  |
| CA\_n3B-n79A-n257I | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | CA\_n257I | |  |
| CA\_n3B-n79A-n257J | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | CA\_n257J | |  |
| CA\_n3B-n79A-n257K | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | CA\_n257K | |  |
| CA\_n3B-n79A-n257L | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | CA\_n257L | |  |
| CA\_n3B-n79A-n257M | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n257 | CA\_n257M | |  |
| CA\_n3B-n79A-n258A | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | 50, 100, 200, 400 | |  |
| CA\_n3B-n79A-n258G | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258G | |  |
| CA\_n3B-n79A-n258H | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258H | |  |
| CA\_n3B-n79A-n258I | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258I | |  |
| CA\_n3B-n79A-n258J | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258J | |  |
| CA\_n3B-n79A-n258K | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258K | |  |
| CA\_n3B-n79A-n258L | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258L | |  |
| CA\_n3B-n79A-n258M | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | 10, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | CA\_n258M | |  |
| CA\_n3B-n79C-n257A | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | 50, 100, 200, 400 | |  |
| CA\_n3B-n79C-n257G | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257G | |  |
| CA\_n3B-n79C-n257H | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257H | |  |
| CA\_n3B-n79C-n257I | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257I | |  |
| CA\_n3B-n79C-n257J | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257J | |  |
| CA\_n3B-n79C-n257K | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257K | |  |
| CA\_n3B-n79C-n257L | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257L | |  |
| CA\_n3B-n79C-n257M | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n257 | CA\_n257M | |  |
| CA\_n3B-n79C-n258A | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | 50, 100, 200, 400 | |  |
| CA\_n3B-n79C-n258G | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258G | |  |
| CA\_n3B-n79C-n258H | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258H | |  |
| CA\_n3B-n79C-n258I | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258I | |  |
| CA\_n3B-n79C-n258J | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258J | |  |
| CA\_n3B-n79C-n258K | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258K | |  |
| CA\_n3B-n79C-n258L | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258L | |  |
| CA\_n3B-n79C-n258M | - | | n3 | CA\_n3B\_BCS0 | | 0 |
|  |  | | n79 | CA\_n79C\_BCS0 | |  |
|  |  | | n258 | CA\_n258M | |  |
| CA\_n3A-n105A-n257A | CA\_n3A-n105A  CA\_n3A-n257A  CA\_n105A-n257A | | n3 | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n105 | 5, 10, 15, 20, 25, 30, 35 | |  |
|  |  | | n257 | 50, 100, 200, 400 | |  |
| CA\_n3A-n105A-n258A | CA\_n3A-n105A  CA\_n3A-n258A  CA\_n105A-n258A | | n3 | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n105 | 5, 10, 15, 20, 25, 30, 35 | |  |
|  |  | | n258 | 50, 100, 200, 400 | |  |

Table 5.5A.1.2-1b

**Table 5.5A.1.2-1b: Inter-band CA configurations and bandwidth combination sets between FR1 and FR2 (three bands)**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **NR CA configuration** | | **Uplink configuration** | | **NR Band** | **Channel bandwidth (MHz) (NOTE 1)** | **Bandwidth combination set** | |
| CA\_n5A-n30A-n260A | | CA\_n5A-n30A  CA\_n5A-n260A  CA\_n30A-n260A | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n30 | 5, 10 |  | |
|  | |  | | n260 | 50, 100, 200, 400 |  | |
| CA\_n5A-n30A-n260G | | CA\_n5A-n30A  CA\_n5A-n260A/G  CA\_n30A-n260A/G | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n30 | 5, 10 |  | |
|  | |  | | n260 | CA\_n260G |  | |
| CA\_n5A-n30A-n260H | | CA\_n5A-n30A  CA\_n5A-n260A/G/H  CA\_n30A-n260A/G/H | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n30 | 5, 10 |  | |
|  | |  | | n260 | CA\_n260H |  | |
| CA\_n5A-n30A-n260I | | CA\_n5A-n30A  CA\_n5A-n260A/G/H/I  CA\_n30A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n30 | 5, 10 |  | |
|  | |  | | n260 | CA\_n260I |  | |
| CA\_n5A-n30A-n260J | | CA\_n5A-n30A  CA\_n5A-n260A/G/H/I/J  CA\_n30A-n260A/G/H/I/J | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n30 | 5, 10 |  | |
|  | |  | | n260 | CA\_n260J |  | |
| CA\_n5A-n30A-n260K | | CA\_n5A-n30A  CA\_n5A-n260A/G/H/I/J/K  CA\_n30A-n260A/G/H/I/J/K | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n30 | 5, 10 |  | |
|  | |  | | n260 | CA\_n260K |  | |
| CA\_n5A-n30A-n260L | | CA\_n5A-n30A  CA\_n5A-n260A/G/H/I/J/K/L  CA\_n30A-n260A/G/H/I/J/K/L | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n30 | 5, 10 |  | |
|  | |  | | n260 | CA\_n260L |  | |
| CA\_n5A-n30A-n260M | | CA\_n5A-n30A  CA\_n5A-n260A/G/H/I/J/K/L/M  CA\_n30A-n260A/G/H/I/J/K/L/M | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n30 | 5, 10 |  | |
|  | |  | | n260 | CA\_n260M |  | |
| CA\_n5A-n48A-n260A | | CA\_n5A-n260A  CA\_n48A-n260A | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n260 | 50, 100, 200, 400 |  | |
| CA\_n5A-n48A-n260G | | CA\_n5A-n260A/G  CA\_n48A-n260A/G | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n260 | CA\_n260G |  | |
| CA\_n5A-n48A-n260H | | CA\_n5A-n260A/G/H  CA\_n48A-n260A/G/H | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n260 | CA\_n260H |  | |
| CA\_n5A-n48A-n260I | | CA\_n5A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n260 | CA\_n260I |  | |
| CA\_n5A-n48A-n260J | | CA\_n5A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n260 | CA\_n260J |  | |
| CA\_n5A-n48A-n260K | | CA\_n5A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n260 | CA\_n260K |  | |
| CA\_n5A-n48A-n260L | | CA\_n5A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n260 | CA\_n260L |  | |
| CA\_n5A-n48A-n260M | | CA\_n5A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n260 | CA\_n260M |  | |
| CA\_n5A-n48(2A)-n260A | | CA\_n5A-n260A  CA\_n48A-n260A | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  | |  | | n260 | 50, 100, 200, 400 |  | |
| CA\_n5A-n48(2A)-n260G | | CA\_n5A-n260A/G  CA\_n48A-n260A/G | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  | |  | | n260 | CA\_n260G |  | |
| CA\_n5A-n48(2A)-n260H | | CA\_n5A-n260A/G/H  CA\_n48A-n260A/G/H | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  | |  | | n260 | CA\_n260H |  | |
| CA\_n5A-n48(2A)-n260I | | CA\_n5A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  | |  | | n260 | CA\_n260I |  | |
| CA\_n5A-n48(2A)-n260J | | CA\_n5A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  | |  | | n260 | CA\_n260J |  | |
| CA\_n5A-n48(2A)-n260K | | CA\_n5A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  | |  | | n260 | CA\_n260K |  | |
| CA\_n5A-n48(2A)-n260L | | CA\_n5A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  | |  | | n260 | CA\_n260L |  | |
| CA\_n5A-n48(2A)-n260M | | CA\_n5A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  | |  | | n260 | CA\_n260M |  | |
| CA\_n5A-n48B-n260A | | CA\_n5A-n260A  CA\_n48A-n260A | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | CA\_n48B |  | |
|  | |  | | n260 | 50, 100, 200, 400 |  | |
| CA\_n5A-n48B-n260G | | CA\_n5A-n260A/G  CA\_n48A-n260A/G | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | CA\_n48B |  | |
|  | |  | | n260 | CA\_n260G |  | |
| CA\_n5A-n48B-n260H | | CA\_n5A-n260A/G/H  CA\_n48A-n260A/G/H | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | CA\_n48B |  | |
|  | |  | | n260 | CA\_n260H |  | |
| CA\_n5A-n48B-n260I | | CA\_n5A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | CA\_n48B |  | |
|  | |  | | n260 | CA\_n260I |  | |
| CA\_n5A-n48B-n260J | | CA\_n5A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | CA\_n48B |  | |
|  | |  | | n260 | CA\_n260J |  | |
| CA\_n5A-n48B-n260K | | CA\_n5A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | CA\_n48B |  | |
|  | |  | | n260 | CA\_n260K |  | |
| CA\_n5A-n48B-n260L | | CA\_n5A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | CA\_n48B |  | |
|  | |  | | n260 | CA\_n260L |  | |
| CA\_n5A-n48B-n260M | | CA\_n5A-n260A/G/H/I  CA\_n48A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | CA\_n48B |  | |
|  | |  | | n260 | CA\_n260M |  | |
| CA\_n5A-n48A-n261A | | CA\_n5A-n261A  CA\_n48A-n261A | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | 50, 100, 200, 400 |  | |
| CA\_n5A-n48A-n261G | | CA\_n5A-n261A/G  CA\_n48A-n261A/G | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261G |  | |
| CA\_n5A-n48A-n261H | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261H |  | |
| CA\_n5A-n48A-n261I | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261I |  | |
| CA\_n5A-n48A-n261J | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261J |  | |
| CA\_n5A-n48A-n261K | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261K |  | |
| CA\_n5A-n48A-n261L | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261L |  | |
| CA\_n5A-n48A-n261M | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261M |  | |
| CA\_n5A-n48A-n261(A-G) | | CA\_n5A-n261A/G  CA\_n48A-n261A/G | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261(A-G) |  | |
| CA\_n5A-n48A-n261(A-H) | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261(A-H) |  | |
| CA\_n5A-n48A-n261(A-I) | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261(A-I) |  | |
| CA\_n5A-n48A-n261(G-H) | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261(G-H) |  | |
| CA\_n5A-n48A-n261(2A-G) | | CA\_n5A-n261A/G  CA\_n48A-n261A/G | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261(2A-G) |  | |
| CA\_n5A-n48A-n261(2A-H) | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261(2A-H) |  | |
| CA\_n5A-n48A-n261(A-2G) | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261(A-2G) |  | |
| CA\_n5A-n48A-n261(A-G-H) | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261(A-G-H) |  | |
| CA\_n5A-n48A-n261(2A) | | CA\_n5A-n261A  CA\_n48A-n261A | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261(2A) |  | |
| CA\_n5A-n48A-n261(3A) | | CA\_n5A-n261A  CA\_n48A-n261A | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261(3A) |  | |
| CA\_n5A-n48A-n261(2G) | | CA\_n5A-n261A/G  CA\_n48A-n261A/G | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261(2G) |  | |
| CA\_n5A-n48A-n261(2H) | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261(2H) |  | |
| CA\_n5A-n48A-n261(G-I) | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261(G-I) |  | |
| CA\_n5A-n48A-n261(H-I) | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261(H-I) |  | |
| CA\_n5A-n48A-n261(2A-I) | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261(2A-I) |  | |
| CA\_n5A-n48A-n261(A-G-I) | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n261 | CA\_n261(A-G-I) |  | |
| CA\_n5A-n48(2A)-n261A | | CA\_n5A-n261A  CA\_n48A-n261A | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 |  | |
|  | |  | | n261 | 50, 100, 200, 400 |  | |
| CA\_n5A-n48(2A)-n261G | | CA\_n5A-n261A/G  CA\_n48A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261G | |  |
| CA\_n5A-n48(2A)-n261H | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261H | |  |
| CA\_n5A-n48(2A)-n261I | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261I | |  |
| CA\_n5A-n48(2A)-n261J | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261J | |  |
| CA\_n5A-n48(2A)-n261K | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261K | |  |
| CA\_n5A-n48(2A)-n261L | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261L | |  |
| CA\_n5A-n48(2A)-n261M | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261M | |  |
| CA\_n5A-n48(2A)-n261(A-G) | | CA\_n5A-n261A/G  CA\_n48A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(A-G) | |  |
| CA\_n5A-n48(2A)-n261(A-H) | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(A-H) | |  |
| CA\_n5A-n48(2A)-n261(A- I) | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(A-I) | |  |
| CA\_n5A-n48(2A)-n261(G-H) | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(G-H) | |  |
| CA\_n5A-n48(2A)-n261(2A-G) | | CA\_n5A-n261A/G  CA\_n48A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(2A-G) | |  |
| CA\_n5A-n48(2A)-n261(2A-H) | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(2A-H) | |  |
| CA\_n5A-n48(2A)-n261(A-2G) | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(A-2G) | |  |
| CA\_n5A-n48(2A)-n261(A-G-H) | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(A-G-H) | |  |
| CA\_n5A-n48(2A)-n261(2A) | | CA\_n5A-n261A  CA\_n48A-n261A | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(2A) | |  |
| CA\_n5A-n48(2A)-n261(3A) | | CA\_n5A-n261A  CA\_n48A-n261A | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(3A) | |  |
| CA\_n5A-n48(2A)-n261(2G) | | CA\_n5A-n261A/G  CA\_n48A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(2G) | |  |
| CA\_n5A-n48(2A)-n261(2H) | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(2H) | |  |
| CA\_n5A-n48(2A)-n261(G-I) | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(G-I) | |  |
| CA\_n5A-n48(2A)-n261(H-I) | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(H-I) | |  |
| CA\_n5A-n48(2A)-n261(2A-I) | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(2A-I) | |  |
| CA\_n5A-n48(2A)-n261(A-G-I) | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48(2A)\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(A-G-I) | |  |
| CA\_n5A-n48B-n261A | | CA\_n5A-n261A  CA\_n48A-n261A | | n5 | 5, 10, 15, 20 | 0 | |
|  | |  | | n48 | CA\_n48B |  | |
|  | |  | | n261 | 50, 100, 200, 400 |  | |
| CA\_n5A-n48B-n261G | | CA\_n5A-n261A/G  CA\_n48A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261G | |  |
| CA\_n5A-n48B-n261H | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261H | |  |
| CA\_n5A-n48B-n261I | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261I | |  |
| CA\_n5A-n48B-n261J | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261J | |  |
| CA\_n5A-n48B-n261K | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261K | |  |
| CA\_n5A-n48B-n261L | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261L | |  |
| CA\_n5A-n48B-n261M | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261M | |  |
| CA\_n5A-n48B-n261(A-G) | | CA\_n5A-n261A/G  CA\_n48A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261(A-G) | |  |
| CA\_n5A-n48B-n261(A-H) | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261(A-H) | |  |
| CA\_n5A-n48B-n261(A-I) | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261(A-I) | |  |
| CA\_n5A-n48B-n261(G-H) | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261(G-H) | |  |
| CA\_n5A-n48B-n261(2A-G) | | CA\_n5A-n261A/G  CA\_n48A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261(2A-G) | |  |
| CA\_n5A-n48B-n261(2A-H) | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261(2A-H) | |  |
| CA\_n5A-n48B-n261(A-2G) | | CA\_n5A-n261A/G  CA\_n48A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261(A-2G) | |  |
| CA\_n5A-n48B-n261(A-G-H) | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261(A-G-H) | |  |
| CA\_n5A-n48B-n261(2A) | | CA\_n5A-n261A  CA\_n48A-n261A | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261(2A) | |  |
| CA\_n5A-n48B-n261(3A) | | CA\_n5A-n261A  CA\_n48A-n261A | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261(3A) | |  |
| CA\_n5A-n48B-n261(2G) | | CA\_n5A-n261A/G  CA\_n48A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261(2G) | |  |
| CA\_n5A-n48B-n261(2H) | | CA\_n5A-n261A/G/H  CA\_n48A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261(2H) | |  |
| CA\_n5A-n48B-n261(G-I) | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261(G-I) | |  |
| CA\_n5A-n48B-n261(H-I) | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261(H-I) | |  |
| CA\_n5A-n48B-n261(2A-I) | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261(2A-I) | |  |
| CA\_n5A-n48B-n261(A-G-I) | | CA\_n5A-n261A/G/H/I  CA\_n48A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n48 | CA\_n48B | |  |
|  | |  | | n261 | CA\_n261(A-G-I) | |  |
| CA\_n5A-n66A-n260A | | CA\_n5A-n66A  CA\_n5A-n260A  CA\_n66A-n260A | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n260 | 50, 100, 200, 400 | |  |
| CA\_n5A-n66A-n260G | | CA\_n5A-n66A  CA\_n5A-n260A/G  CA\_n66A-n260A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n260 | CA\_n260G | |  |
| CA\_n5A-n66A-n260H | | CA\_n5A-n66A  CA\_n5A-n260A/G/H  CA\_n66A-n260A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n260 | CA\_n260H | |  |
| CA\_n5A-n66A-n260I | | CA\_n5A-n66A  CA\_n5A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n260 | CA\_n260I | |  |
| CA\_n5A-n66A-n260J | | CA\_n5A-n66A  CA\_n5A-n260A/G/H/I/J  CA\_n66A-n260A/G/H/I/J | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n260 | CA\_n260J | |  |
| CA\_n5A-n66A-n260K | | CA\_n5A-n66A  CA\_n5A-n260A/G/H/I/J/K  CA\_n66A-n260A/G/H/I/J/K | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n260 | CA\_n260K | |  |
| CA\_n5A-n66A-n260L | | CA\_n5A-n66A  CA\_n5A-n260A/G/H/I/J/K/L  CA\_n66A-n260A/G/H/I/J/K/L | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n260 | CA\_n260L | |  |
| CA\_n5A-n66A-n260M | | CA\_n5A-n66A  CA\_n5A-n260A/G/H/I/J/K/L/M  CA\_n66A-n260A/G/H/I/J/K/L/M | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n260 | CA\_n260M | |  |
| CA\_n5A-n66A-n261A | | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n66A-n261A | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | 50, 100, 200, 400 | |  |
| CA\_n5A-n66A-n261G | | CA\_n5A-n66A  CA\_n5A-n261A/G  CA\_n66A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261G | |  |
| CA\_n5A-n66A-n261H | | CA\_n5A-n66A  CA\_n5A-n261A/G/H  CA\_n66A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261H | |  |
| CA\_n5A-n66A-n261I | | CA\_n5A-n66A  CA\_n5A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261I | |  |
| CA\_n5A-n66A-n261J | | CA\_n5A-n66A  CA\_n5A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261J | |  |
| CA\_n5A-n66A-n261K | | CA\_n5A-n66A  CA\_n5A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261K | |  |
| CA\_n5A-n66A-n261L | | CA\_n5A-n66A  CA\_n5A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261L | |  |
| CA\_n5A-n66A-n261M | | CA\_n5A-n66A  CA\_n5A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261M | |  |
| CA\_n5A-n66A-n261(2G) | | CA\_n5A-n66A  CA\_n5A-n261A/G  CA\_n66A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261(2G) | |  |
| CA\_n5A-n66A-n261(G-H) | | CA\_n5A-n66A  CA\_n5A-n261A/G/H  CA\_n66A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261(G-H) | |  |
| CA\_n5A-n66A-n261(A-G-H) | | CA\_n5A-n66A  CA\_n5A-n261A/G/H  CA\_n66A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261(A-G-H) | |  |
| CA\_n5A-n66A-n261(G-I) | | CA\_n5A-n66A  CA\_n5A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261(G-I) | |  |
| CA\_n5A-n66A-n261(2H) | | CA\_n5A-n66A  CA\_n5A-n261A/G/H  CA\_n66A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261(2H) | |  |
| CA\_n5A-n66A-n261(A-G-I) | | CA\_n5A-n66A  CA\_n5A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261(A-G-I) | |  |
| CA\_n5A-n66A-n261(H-I) | | CA\_n5A-n66A  CA\_n5A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261(H-I) | |  |
| CA\_n5A-n66A-n261(2A-G) | | CA\_n5A-n66A  CA\_n5A-n261A/G  CA\_n66A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261(2A-G) | |  |
| CA\_n5A-n66A-n261(2A-H) | | CA\_n5A-n66A  CA\_n5A-n261A/G/H  CA\_n66A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261(2A-H) | |  |
| CA\_n5A-n66A-n261(2A-I) | | CA\_n5A-n66A  CA\_n5A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261(2A-I) | |  |
| CA\_n5A-n66A-n261(2A) | | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n66A-n261A | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261(2A) | |  |
| CA\_n5A-n66A-n261(3A) | | CA\_n5A-n66A  CA\_n5A-n261A  CA\_n66A-n261A | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261(3A) | |  |
| CA\_n5A-n66A-n261(A-G) | | CA\_n5A-n66A  CA\_n5A-n261A/G  CA\_n66A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261(A-G) | |  |
| CA\_n5A-n66A-n261(A-2G) | | CA\_n5A-n66A  CA\_n5A-n261A/G  CA\_n66A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261(A-2G) | |  |
| CA\_n5A-n66A-n261(A-H) | | CA\_n5A-n66A  CA\_n5A-n261A/G/H  CA\_n66A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261(A-H) | |  |
| CA\_n5A-n66A-n261(A-I) | | CA\_n5A-n66A  CA\_n5A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n66 | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | | n261 | CA\_n261(A-I) | |  |
| CA\_n5A-n77A-n260A | | CA\_n5A-n77A  CA\_n77A-n260A  CA\_n5A-n260A | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n260 | 50, 100, 200, 400 | |  |
| CA\_n5A-n77A-n260G | | CA\_n5A-n77A  CA\_n5A-n260A/G  CA\_n77A-n260A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n260 | CA\_n260G | |  |
| CA\_n5A-n77A-n260H | | CA\_n5A-n77A  CA\_n5A-n260A/G/H  CA\_n77A-n260A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n260 | CA\_n260H | |  |
| CA\_n5A-n77A-n260I | | CA\_n5A-n77A  CA\_n5A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n260 | CA\_n260I | |  |
| CA\_n5A-n77A-n260J | | CA\_n5A-n77A  CA\_n5A-n260A/G/H/I/J  CA\_n77A-n260A/G/H/I/J | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n260 | CA\_n260J | |  |
| CA\_n5A-n77A-n260K | | CA\_n5A-n77A  CA\_n5A-n260A/G/H/I/J/K  CA\_n77A-n260A/G/H/I/J/K | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n260 | CA\_n260K | |  |
| CA\_n5A-n77A-n260L | | CA\_n5A-n77A  CA\_n5A-n260A/G/H/I/J/K/L  CA\_n77A-n260A/G/H/I/J/K/L | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n260 | CA\_n260L | |  |
| CA\_n5A-n77A-n260M | | CA\_n5A-n77A  CA\_n5A-n260A/G/H/I/J/K/L/M  CA\_n77A-n260A/G/H/I/J/K/L/M | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n260 | CA\_n260M | |  |
| CA\_n5A-n77C-n260A | | CA\_n5A-n77A  CA\_n5A-n260A  CA\_n77A-n260A | | n5 | 5, 10, 15, 20, 25 | | 0 |
|  | |  | | n77 | CA\_n77C | |  |
|  | |  | | n260 | 50, 100, 200, 400 | |  |
|  | |  | | n5 | 5 | | 1 |
|  | |  | | n77 | CA\_n77C | |  |
|  | |  | | n260 | 50, 100, 200, 400 | |  |
| CA\_n5A-n77C-n260G | | CA\_n5A-n260A/G  CA\_n77A-n260A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n260 | CA\_n260G | |  |
| CA\_n5A-n77C-n260H | | CA\_n5A-n260A/G/H  CA\_n77A-n260A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n260 | CA\_n260H | |  |
| CA\_n5A-n77C-n260I | | CA\_n5A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n260 | CA\_n260I | |  |
| CA\_n5A-n77C-n260J | | CA\_n5A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n260 | CA\_n260J | |  |
| CA\_n5A-n77C-n260K | | CA\_n5A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n260 | CA\_n260K | |  |
| CA\_n5A-n77C-n260L | | CA\_n5A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n260 | CA\_n260L | |  |
| CA\_n5A-n77C-n260M | | CA\_n5A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n260 | CA\_n260M | |  |
| CA\_n5A-n77A-n261A | | CA\_n77A-n261A  CA\_n5A-n261A | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | 50, 100, 200, 400 | |  |
| CA\_n5A-n77A-n261G | | CA\_n5A-n261A/G  CA\_n77A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261G | |  |
| CA\_n5A-n77A-n261H | | CA\_n5A-n261A/G/H  CA\_n77A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261H | |  |
| CA\_n5A-n77A-n261I | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261I | |  |
| CA\_n5A-n77A-n261J | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261J | |  |
| CA\_n5A-n77A-n261K | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261K | |  |
| CA\_n5A-n77A-n261L | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261L | |  |
| CA\_n5A-n77A-n261M | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261M | |  |
| CA\_n5A-n77A-n261(A-G) | | CA\_n5A-n261A/G  CA\_n77A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261(A-G) | |  |
| CA\_n5A-n77A-n261(A-H) | | CA\_n5A-n261A/G/H  CA\_n77A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261(A-H) | |  |
| CA\_n5A-n77A-n261(G-H) | | CA\_n5A-n261A/G/H  CA\_n77A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261(G-H) | |  |
| CA\_n5A-n77A-n261(2A-G) | | CA\_n5A-n261A/G  CA\_n77A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261(2A-G) | |  |
| CA\_n5A-n77A-n261(2A-H) | | CA\_n5A-n261A/G/H  CA\_n77A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261(2A-H) | |  |
| CA\_n5A-n77A-n261(A-2G) | | CA\_n5A-n261A/G  CA\_n77A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261(A-2G) | |  |
| CA\_n5A-n77A-n261(A-G-H) | | CA\_n5A-n261A/G/H  CA\_n77A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261(A-G-H) | |  |
| CA\_n5A-n77A-n261(A-I) | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261(A-I) | |  |
| CA\_n5A-n77A-n261(G-I) | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261(G-I) | |  |
| CA\_n5A-n77A-n261(2A) | | CA\_n5A-n261A  CA\_n77A-n261A | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261(2A) | |  |
| CA\_n5A-n77A-n261(3A) | | CA\_n5A-n261A  CA\_n77A-n261A | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261(3A) | |  |
| CA\_n5A-n77A-n261(2G) | | CA\_n5A-n261A/G  CA\_n77A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261(2G) | |  |
| CA\_n5A-n77A-n261(2H) | | CA\_n5A-n261A/G/H  CA\_n77A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261(2H) | |  |
| CA\_n5A-n77A-n261(2A-I) | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261(2A-I) | |  |
| CA\_n5A-n77A-n261(A-G-I) | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261(A-G-I) | |  |
| CA\_n5A-n77A-n261(H-I) | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n261 | CA\_n261(H-I) | |  |
| CA\_n5A-n77C-n261A | | CA\_n5A-n261A  CA\_n77A-n261A | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261A | |  |
| CA\_n5A-n77C-n261G | | CA\_n5A-n261A/G  CA\_n77A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261G | |  |
| CA\_n5A-n77C-n261H | | CA\_n5A-n261A/G/H  CA\_n77A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261H | |  |
| CA\_n5A-n77C-n261I | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261I | |  |
| CA\_n5A-n77C-n261J | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261J | |  |
| CA\_n5A-n77C-n261K | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261K | |  |
| CA\_n5A-n77C-n261L | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261L | |  |
| CA\_n5A-n77C-n261M | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261M | |  |
| CA\_n5A-n77C-n261(A-G) | | CA\_n5A-n261A/G  CA\_n77A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(A-G) | |  |
| CA\_n5A-n77C-n261(A-H) | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(A-H) | |  |
| CA\_n5A-n77C-n261(G-H) | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(G-H) | |  |
| CA\_n5A-n77C-n261(2A-G) | | CA\_n5A-n261A/G  CA\_n77A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(2A-G) | |  |
| CA\_n5A-n77C-n261(2A-H) | | CA\_n5A-n261A/G/H  CA\_n77A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(2A-H) | |  |
| CA\_n5A-n77C-n261(A-2G) | | CA\_n5A-n261A/G/H  CA\_n77A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(A-2G) | |  |
| CA\_n5A-n77C-n261(A-G-H) | | CA\_n5A-n261A/G/H  CA\_n77A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(A-G-H) | |  |
| CA\_n5A-n77C-n261(A-I) | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(A-I) | |  |
| CA\_n5A-n77C-n261(G-I) | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(G-I) | |  |
| CA\_n5A-n77C-n261(2A) | | CA\_n5A-n261A  CA\_n77A-n261A | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(2A) | |  |
| CA\_n5A-n77C-n261(3A) | | CA\_n5A-n261A  CA\_n77A-n261A | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(3A) | |  |
| CA\_n5A-n77C-n261(2G) | | CA\_n5A-n261A/G  CA\_n77A-n261A/G | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(2G) | |  |
| CA\_n5A-n77C-n261(2H) | | CA\_n5A-n261A/G/H  CA\_n77A-n261A/G/H | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(2H) | |  |
| CA\_n5A-n77C-n261(H-I) | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(H-I) | |  |
| CA\_n5A-n77C-n261(2A-I) | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(2A-I) | |  |
| CA\_n5A-n77C-n261(A-G-I) | | CA\_n5A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n77 | CA\_n77C\_BCS1 | |  |
|  | |  | | n261 | CA\_n261(A-G-I) | |  |
| CA\_n5A-n78A-n258A | | CA\_n5A-n78A CA\_n5A-n258A CA\_n78A-n258A | | n5 | 5, 10, 15, 20 | | 0 |
|  | |  | | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | | n258 | 50, 100, 200, 400 | |  |
| CA\_n7A-n25A-n257A | | CA\_n7A-n257A  CA\_n25A-n257A | | n7 | See n7 channel bandwidths in 38.101-1 Table 5.3.5-1 | | 4 and 5 |
|  | |  | | n25 | See n25 channel bandwidths in 38.101-1 Table 5.3.5-1 | |  |
|  | |  | | n257 | See n257 channel bandwidths in 38.101-2 Table 5.3.5-1 | |  |
| CA\_n7A-n25A-n257G | | CA\_n7A-n257A/G  CA\_n25A-n257A/G | | n7 | See n7 channel bandwidths in 38.101-1 Table 5.3.5-1 | | 4 and 5 |
|  | |  | | n25 | See n25 channel bandwidths in 38.101-1 Table 5.3.5-1 | |  |
|  | |  | | n257 | CA\_n257G | |  |
| CA\_n7A-n25A-n257H | | CA\_n7A-n257A/G/H  CA\_n25A-n257A/G/H | | n7 | See n7 channel bandwidths in 38.101-1 Table 5.3.5-1 | | 4 and 5 |
|  | |  | | n25 | See n25 channel bandwidths in 38.101-1 Table 5.3.5-1 | |  |
|  | |  | | n257 | CA\_n257H | |  |
| CA\_n7A-n25A-n257I | | CA\_n7A-n257A/G/H/I  CA\_n25A-n257A/G/H/I | | n7 | See n7 channel bandwidths in 38.101-1 Table 5.3.5-1 | | 4 and 5 |
|  | |  | | n25 | See n25 channel bandwidths in 38.101-1 Table 5.3.5-1 | |  |
|  | |  | | n257 | CA\_n257I | |  |
| CA\_n7A-n25A-n257J | | CA\_n7A-n257A/G/H/I/J  CA\_n25A-n257A/G/H/I/J | | n7 | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | | n25 | See n25 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | | n257 | CA\_n257J | |  |
| CA\_n7A-n25A-n257K | | CA\_n7A-n257A/G/H/I/J/K  CA\_n25A-n257A/G/H/I/J/K | | n7 | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | | n25 | See n25 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | | n257 | CA\_n257K | |  |
| CA\_n7A-n25A-n257L | | CA\_n7A-n257A/G/H/I/J/K/L  CA\_n25A-n257A/G/H/I/J/K/L | | n7 | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | | n25 | See n25 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | | n257 | CA\_n257L | |  |
| CA\_n7A-n25A-n257M | | CA\_n7A-n257A/G/H/I/J/K/L/M  CA\_n25A-n257A/G/H/I/J/K/L/M | | n7 | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | | n25 | See n25 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | | n257 | CA\_n257M | |  |
| CA\_n7A-n25A-n260A | | CA\_n7A-n260A  CA\_n25A-n260A | | n7 | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | | n25 | See n25 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | | n260 | See n260 channel bandwidths in Table 5.3.5-1 | |  |
| CA\_n7A-n25A-n260G | | CA\_n7A-n260A/G  CA\_n25A-n260A/G | | n7 | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | | n25 | See n25 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | | n260 | CA\_n260G | |  |
| CA\_n7A-n25A-n260H | | CA\_n7A-n260A/G/H  CA\_n25A-n260A/G/H | | n7 | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | | n25 | See n25 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | | n260 | CA\_n260H | |  |
| CA\_n7A-n25A-n260I | | CA\_n7A-n260A/G/H/I  CA\_n25A-n260A/G/H/I | | n7 | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | | n25 | See n25 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | | n260 | CA\_n260I | |  |
| CA\_n7A-n25A-n260J | | CA\_n7A-n260A/G/H/I/J  CA\_n25A-n260A/G/H/I/J | | n7 | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | | n25 | See n25 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | | n260 | CA\_n260J | |  |
| CA\_n7A-n25A-n260K | | CA\_n7A-n260A/G/H/I/J/K  CA\_n25A-n260A/G/H/I/J/K | | n7 | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | | n25 | See n25 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | | n260 | CA\_n260K | |  |
| CA\_n7A-n25A-n260L | | CA\_n7A-n260A/G/H/I/J/K/L  CA\_n25A-n260A/G/H/I/J/K/L | | n7 | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | | n25 | See n25 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | | n260 | CA\_n260L | |  |
| CA\_n7A-n25A-n260M | | CA\_n7A-n260A/G/H/I/J/K/L/M  CA\_n25A-n260A/G/H/I/J/K/L/M | | n7 | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | | n25 | See n25 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | | n260 | CA\_n260M | |  |
| CA\_n7A-n66A-n257A | | CA\_n7A-n257A  CA\_n66A-n257A | | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | 4 and 5 | |
|  | |  | | n66 | 10, 15, 20, 25, 30, 40 |  | |
|  | |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n7A-n66A-n257G | | CA\_n7A-n257A/G  CA\_n66A-n257A/G | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 4 and 5 |
|  | |  | n66 | | 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n257 | | CA\_n257G | |  |
| CA\_n7A-n66A-n257H | | CA\_n7A-n257A/G/H  CA\_n66A-n257A/G/H | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 4 and 5 |
|  | |  | n66 | | 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n257 | | CA\_n257H | |  |
| CA\_n7A-n66A-n257I | | CA\_n7A-n257A/G/H/I  CA\_n66A-n257A/G/H/I | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 4 and 5 |
|  | |  | n66 | | 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n257 | | CA\_n257I | |  |
| CA\_n7A-n66A-n257J | | CA\_n7A-n257A/G/H/I/J  CA\_n66A-n257A/G/H/I/J | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n66 | | See n66 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n257 | | CA\_n257J | |  |
| CA\_n7A-n66A-n257K | | CA\_n7A-n257A/G/H/I/J/K  CA\_n66A-n257A/G/H/I/J/K | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n66 | | See n66 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n257 | | CA\_n257K | |  |
| CA\_n7A-n66A-n257L | | CA\_n7A-n257A/G/H/I/J/K/L  CA\_n66A-n257A/G/H/I/J/K/L | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n66 | | See n66 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n257 | | CA\_n257L | |  |
| CA\_n7A-n66A-n257M | | CA\_n7A-n257A/G/H/I/J/K/L/M  CA\_n66A-n257A/G/H/I/J/K/L/M | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n66 | | See n66 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n257 | | CA\_n257M | |  |
| CA\_n7A-n66A-n260A | | CA\_n7A-n260A  CA\_n66A-n260A | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n66 | | See n66 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n260 | | See n260 channel bandwidths in Table 5.3.5-1 | |  |
| CA\_n7A-n66A-n260G | | CA\_n7A-n260A/G  CA\_n66A-n260A/G | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n66 | | See n66 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n260 | | CA\_n260G | |  |
| CA\_n7A-n66A-n260H | | CA\_n7A-n260A/G/H  CA\_n66A-n260A/G/H | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n66 | | See n66 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n260 | | CA\_n260H | |  |
| CA\_n7A-n66A-n260I | | CA\_n7A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n66 | | See n66 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n260 | | CA\_n260I | |  |
| CA\_n7A-n66A-n260J | | CA\_n7A-n260A/G/H/I/J  CA\_n66A-n260A/G/H/I/J | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n66 | | See n66 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n260 | | CA\_n260J | |  |
| CA\_n7A-n66A-n260K | | CA\_n7A-n260A/G/H/I/J/K  CA\_n66A-n260A/G/H/I/J/K | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n66 | | See n66 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n260 | | CA\_n260K | |  |
| CA\_n7A-n66A-n260L | | CA\_n7A-n260A/G/H/I/J/K/L  CA\_n66A-n260A/G/H/I/J/K/L | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n66 | | See n66 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n260 | | CA\_n260L | |  |
| CA\_n7A-n66A-n260M | | CA\_n7A-n260A/G/H/I/J/K/L/M  CA\_n66A-n260A/G/H/I/J/K/L/M | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n66 | | See n66 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n260 | | CA\_n260M | |  |
| CA\_n7A-n71A-n257A | | CA\_n7A-n257A  CA\_n71A-n257A | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 4 and 5 |
|  | |  | n71 | | 5, 10, 15, 20 | |  |
|  | |  | n257 | | 50, 100, 200, 400 | |  |
| CA\_n7A-n71A-n257G | | CA\_n7A-n257A/G  CA\_n71A-n257A/G | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 4 and 5 |
|  | |  | n71 | | 5, 10, 15, 20 | |  |
|  | |  | n257 | | CA\_n257G | |  |
| CA\_n7A-n71A-n257H | | CA\_n7A-n257A/G/H  CA\_n71A-n257A/G/H | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 4 and 5 |
|  | |  | n71 | | 5, 10, 15, 20 | |  |
|  | |  | n257 | | CA\_n257H | |  |
| CA\_n7A-n71A-n257I | | CA\_n7A-n257A/G/H/I  CA\_n71A-n257G/H/I | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 4 and 5 |
|  | |  | n71 | | 5, 10, 15, 20 | |  |
|  | |  | n257 | | CA\_n257I | |  |
| CA\_n7A-n71A-n257J | | CA\_n7A-n257A/G/H/I/J  CA\_n71A-n257A/G/H/I/J | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n71 | | See n71 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n257 | | CA\_n257J | |  |
| CA\_n7A-n71A-n257K | | CA\_n7A-n257A/G/H/I/J/K  CA\_n71A-n257A/G/H/I/J/K | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n71 | | See n71 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n257 | | CA\_n257K | |  |
| CA\_n7A-n71A-n257L | | CA\_n7A-n257A/G/H/I/J/K/L  CA\_n71A-n257A/G/H/I/J/K/L | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n71 | | See n71 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n257 | | CA\_n257L | |  |
| CA\_n7A-n71A-n257M | | CA\_n7A-n257A/G/H/I/J/K/L/M  CA\_n71A-n257A/G/H/I/J/K/L/M | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n71 | | See n71 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n257 | | CA\_n257M | |  |
| CA\_n7A-n71A-n260A | | CA\_n7A-n260A  CA\_n71A-n260A | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n71 | | See n71 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n260 | | See n260 channel bandwidths in Table 5.3.5-1 | |  |
| CA\_n7A-n71A-n260G | | CA\_n7A-n260A/G  CA\_n71A-n260A/G | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n71 | | See n71 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n260 | | CA\_n260G | |  |
| CA\_n7A-n71A-n260H | | CA\_n7A-n260A/G/H  CA\_n71A-n260A/G/H | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n71 | | See n71 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n260 | | CA\_n260H | |  |
| CA\_n7A-n71A-n260I | | CA\_n7A-n260A/G/H/I  CA\_n71A-n260A/G/H/I | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n71 | | See n71 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n260 | | CA\_n260I | |  |
| CA\_n7A-n71A-n260J | | CA\_n7A-n260A/G/H/I/J  CA\_n71A-n260A/G/H/I/J | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n71 | | See n71 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n260 | | CA\_n260J | |  |
| CA\_n7A-n71A-n260K | | CA\_n7A-n260A/G/H/I/J/K  CA\_n71A-n260A/G/H/I/J/K | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n71 | | See n71 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n260 | | CA\_n260K | |  |
| CA\_n7A-n71A-n260L | | CA\_n7A-n260A/G/H/I/J/K/L  CA\_n71A-n260A/G/H/I/J/K/L | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n71 | | See n71 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n260 | | CA\_n260L | |  |
| CA\_n7A-n71A-n260M | | CA\_n7A-n260A/G/H/I/J/K/L/M  CA\_n71A-n260A/G/H/I/J/K/L/M | n7 | | See n7 channel bandwidths in Table 5.3.5-1 | | 4 and 5 |
|  | |  | n71 | | See n71 channel bandwidths in Table 5.3.5-1 | |  |
|  | |  | n260 | | CA\_n260M | |  |
| CA\_n7A-n78A-n258A | | CA\_n7A-n78A  CA\_n7A-n258A  CA\_n78A-n258A | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |
|  | |  | n258 | | 50, 100, 200, 400 | |
| CA\_n7A-n78A-n258B | | CA\_n7A-n78A  CA\_n7A-n258A/B  CA\_n78A-n258A/B | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258B | |  |
| CA\_n7A-n78A-n258C | | CA\_n7A-n78A  CA\_n7A-n258A/B/C  CA\_n78A-n258A/B/C | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258C | |  |
| CA\_n7A-n78A-n258D | | CA\_n7A-n78A  CA\_n7A-n258A/D  CA\_n78A-n258A/D | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |
|  | |  | n258 | | CA\_n258D | |
| CA\_n7A-n78A-n258E | | CA\_n7A-n78A  CA\_n7A-n258A/D/E  CA\_n78A-n258A/D/E | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258E | |  |
| CA\_n7A-n78A-n258F | | CA\_n7A-n78A  CA\_n7A-n258A/D/E/F  CA\_n78A-n258A/D/E/F | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |
|  | |  | n258 | | CA\_n258F | |
| CA\_n7A-n78A-n258G | | CA\_n7A-n78A  CA\_n7A-n258A/G  CA\_n78A-n258A/G | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258G | |  |
| CA\_n7A-n78A-n258H | | CA\_n7A-n78A  CA\_n7A-n258A/G/H  CA\_n78A-n258G/H | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |
|  | |  | n258 | | CA\_n258H | |
| CA\_n7A-n78A-n258I | | CA\_n7A-n78A  CA\_n7A-n258A/G/H/I  CA\_n78A-n258A/G/H/I | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258I | |  |
| CA\_n7A-n78A-n258J | | CA\_n7A-n78A  CA\_n7A-n258A/G/H/I/J  CA\_n78A-n258A/G/H/I/J | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258J | |  |
| CA\_n7A-n78A-n258K | | CA\_n7A-n78A  CA\_n7A-n258A/G/H/I/J/K  CA\_n78A-n258A/G/H/I/J/K | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |
|  | |  | n258 | | CA\_n258K | |
| CA\_n7A-n78A-n258L | | CA\_n7A-n78A  CA\_n7A-n258A/G/H/I/J/K/L  CA\_n78A-n258A/G/H/I/J/K/L | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258L | |  |
| CA\_n7A-n78A-n258M | | CA\_n7A-n78A  CA\_n7A-n258A/G/H/I/J/K/L/M  CA\_n78A-n258A/G/H/I/J/K/L/M | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258M | |  |
| CA\_n7A-n78A-n258R2 | | CA\_n258R2  CA\_n7A-n78A  CA\_n7A-n258A/R2  CA\_n78A-n258A/R2 | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258R2 | |  |
| CA\_n7A-n78A-n258R3 | | CA\_n258R2/R3  CA\_n7A-n78A  CA\_n7A-n258A/R2/R3  CA\_n78A-n258A/R2/R3 | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258R3 | |  |
| CA\_n7A-n78A-n258R4 | | CA\_n258R2/R3/R4  CA\_n7A-n78A  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258R4 | |  |
| CA\_n7A-n78A-n258R5 | | CA\_n258R2/R3/R4  CA\_n7A-n78A  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258R5 | |  |
| CA\_n7A-n78A-n258R6 | | CA\_n258R2/R3/R4  CA\_n7A-n78A  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258R6 | |  |
| CA\_n7A-n78A-n258R7 | | CA\_n258R2/R3/R4  CA\_n7A-n78A  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258R7 | |  |
| CA\_n7A-n78A-n258R8 | | CA\_n258R2/R3/R4  CA\_n7A-n78A  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258R8 | |  |
| CA\_n7A-n78A-n258R9 | | CA\_n258R2/R3/R4  CA\_n7A-n78A  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258R9 | |  |
| CA\_n7A-n78A-n258R10 | | CA\_n258R2/R3/R4  CA\_n7A-n78A  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258R10 | |  |
| CA\_n7A-n78(2A)-n258A | | CA\_n78(2A)  CA\_n7A-n78A  CA\_n7A-n258A  CA\_n78A-n258A | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | 50, 100, 200, 400 | |  |
| CA\_n7A-n78(2A)-n258B | | CA\_n78(2A)  CA\_n258B  CA\_n7A-n78A  CA\_n7A-n258A/B  CA\_n78A-n258A/B | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258B | |  |
| CA\_n7A-n78(2A)-n258C | | CA\_n78(2A)  CA\_n258B/C  CA\_n7A-n78A  CA\_n7A-n258A/B/C  CA\_n78A-n258A/B/C | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258C | |  |
| CA\_n7A-n78(2A)-n258D | | CA\_n78(2A)  CA\_n258D  CA\_n7A-n78A  CA\_n7A-n258A/D  CA\_n78A-n258A/D | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258D | |  |
| CA\_n7A-n78(2A)-n258E | | CA\_n78(2A)  CA\_n258D/E  CA\_n7A-n78A  CA\_n7A-n258A/D/E  CA\_n78A-n258A/D/E | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258E | |  |
| CA\_n7A-n78(2A)-n258F | | CA\_n78(2A)  CA\_n258D/E/F  CA\_n7A-n78A  CA\_n7A-n258A/D/E/F  CA\_n78A-n258A/D/E/F | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258F | |  |
| CA\_n7A-n78(2A)-n258G | | CA\_n78(2A)  CA\_n258G  CA\_n7A-n78A  CA\_n7A-n258A/G  CA\_n78A-n258A/G | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258G | |  |
| CA\_n7A-n78(2A)-n258H | | CA\_n78(2A)  CA\_n258G/H  CA\_n7A-n78A  CA\_n7A-n258A/G/H  CA\_n78A-n258G/H | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258H | |  |
| CA\_n7A-n78(2A)-n258I | | CA\_n78(2A)  CA\_n258G/H/I  CA\_n7A-n78A  CA\_n7A-n258A/G/H/I  CA\_n78A-n258A/G/H/I | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258I | |  |
| CA\_n7A-n78(2A)-n258J | | CA\_n78(2A)  CA\_n258G/H/I  CA\_n7A-n78A  CA\_n7A-n258A/G/H/I  CA\_n78A-n258A/G/H/I | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258J | |  |
| CA\_n7A-n78(2A)-n258K | | CA\_n78(2A)  CA\_n258G/H/I  CA\_n7A-n78A  CA\_n7A-n258A/G/H/I  CA\_n78A-n258A/G/H/I | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258K | |  |
| CA\_n7A-n78(2A)-n258L | | CA\_n78(2A)  CA\_n258G/H/I  CA\_n7A-n78A  CA\_n7A-n258A/G/H/I  CA\_n78A-n258A/G/H/I | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258L | |  |
| CA\_n7A-n78(2A)-n258M | | CA\_n78(2A)  CA\_n258G/H/I  CA\_n7A-n78A  CA\_n7A-n258A/G/H/I  CA\_n78A-n258A/G/H/I | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258M | |  |
| CA\_n7A-n78(2A)-n258R2 | | CA\_n78(2A)  CA\_n7A-n78A  CA\_n258R2  CA\_n7A-n258A/R2  CA\_n78A-n258A/R2 | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258R2 | |  |
| CA\_n7A-n78(2A)-n258R3 | | CA\_n78(2A)  CA\_n7A-n78A  CA\_n258R2/R3  CA\_n7A-n258A/R2/R3  CA\_n78A-n258A/R2/R3 | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258R3 | |  |
| CA\_n7A-n78(2A)-n258R4 | | CA\_n78(2A)  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258R4 | |  |
| CA\_n7A-n78(2A)-n258R5 | | CA\_n78(2A)  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258R5 | |  |
| CA\_n7A-n78(2A)-n258R6 | | CA\_n78(2A)  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258R6 | |  |
| CA\_n7A-n78(2A)-n258R7 | | CA\_n78(2A)  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258R7 | |  |
| CA\_n7A-n78(2A)-n258R8 | | CA\_n78(2A)  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258R8 | |  |
| CA\_n7A-n78(2A)-n258R9 | | CA\_n78(2A)  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258R9 | |  |
| CA\_n7A-n78(2A)-n258R10 | | CA\_n78(2A)  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258R10 | |  |
| CA\_n7B-n78A-n258A | | CA\_n7B-n78A  CA\_n7B-n258A  CA\_n78A-n258A | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | 50, 100, 200, 400 | |  |
| CA\_n7B-n78A-n258B | | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A/B  CA\_n78A-n258A/B | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258B | |  |
| CA\_n7B-n78A-n258C | | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A/B/C  CA\_n78A-n258A/B/C | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258C | |  |
| CA\_n7B-n78A-n258D | | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A/D  CA\_n78A-n258A/D | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258D | |  |
| CA\_n7B-n78A-n258E | | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A/D/E  CA\_n78A-n258A/D/E | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258E | |  |
| CA\_n7B-n78A-n258F | | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A/D/E/F  CA\_n78A-n258A/D/E/F | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258F | |  |
| CA\_n7B-n78A-n258G | | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A/G  CA\_n78A-n258A/G | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258G | |  |
| CA\_n7B-n78A-n258H | | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A/G/H  CA\_n78A-n258G/H | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258H | |  |
| CA\_n7B-n78A-n258I | | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A/G/H/I  CA\_n78A-n258A/G/H/I | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258I | |  |
| CA\_n7B-n78A-n258J | | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A/G/H/I/J  CA\_n78A-n258A/G/H/I/J | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258J | |  |
| CA\_n7B-n78A-n258K | | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A/G/H/I/J/K  CA\_n78A-n258A/G/H/I/J/K | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258K | |  |
| CA\_n7B-n78A-n258L | | CA\_n7B  CA\_n7B-n258A/G/H/I/J/K/L  CA\_n78A-n258A/G/H/I/J/K/L | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258L | |  |
| CA\_n7B-n78A-n258M | | CA\_n7B  CA\_n7B-n78A  CA\_n7B-n258A/G/H/I/J/K/L/M  CA\_n78A-n258A/G/H/I/J/K/L/M | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258M | |  |
| CA\_n7B-n78A-n258R2 | | CA\_n7B  CA\_n7A-n78A  CA\_n258R2  CA\_n7A-n258A/R2  CA\_n78A-n258A/R2 | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258R2 | |  |
| CA\_n7B-n78A-n258R3 | | CA\_n7B  CA\_n7A-n78A  CA\_n258R2/R3  CA\_n7A-n258A/R2/R3  CA\_n78A-n258A/R2/R3 | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258R3 | |  |
| CA\_n7B-n78A-n258R4 | | CA\_n7B  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258R4 | |  |
| CA\_n7B-n78A-n258R5 | | CA\_n7B  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258R5 | |  |
| CA\_n7B-n78A-n258R6 | | CA\_n7B  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258R6 | |  |
| CA\_n7B-n78A-n258R7 | | CA\_n7B  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258R7 | |  |
| CA\_n7B-n78A-n258R8 | | CA\_n7B  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258R8 | |  |
| CA\_n7B-n78A-n258R9 | | CA\_n7B  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258R9 | |  |
| CA\_n7B-n78A-n258R10 | | CA\_n7B  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n258 | | CA\_n258R10 | |  |
| CA\_n7B-n78(2A)-n258A | | CA\_n7B  CA\_n78(2A)  CA\_n7A-n78A  CA\_n7A-n258A  CA\_n78A-n258A | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | 50, 100, 200, 400 | |  |
| CA\_n7B-n78(2A)-n258B | | CA\_n7B  CA\_n78(2A)  CA\_n258B  CA\_n7A-n78A  CA\_n7A-n258A/B  CA\_n78A-n258A/B | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258B | |  |
| CA\_n7B-n78(2A)-n258C | | CA\_n7B  CA\_n78(2A)  CA\_n258B/C  CA\_n7A-n78A  CA\_n7A-n258A/B/C  CA\_n78A-n258A/B/C | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258C | |  |
| CA\_n7B-n78(2A)-n258D | | CA\_n7B  CA\_n78(2A)  CA\_n258D  CA\_n7A-n78A  CA\_n7A-n258A/D  CA\_n78A-n258A/D | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258D | |  |
| CA\_n7B-n78(2A)-n258E | | CA\_n7B  CA\_n78(2A)  CA\_n258D/E  CA\_n7A-n78A  CA\_n7A-n258A/D/E  CA\_n78A-n258A/D/E | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258E | |  |
| CA\_n7B-n78(2A)-n258F | | CA\_n7B  CA\_n78(2A)  CA\_n258D/E/F  CA\_n7A-n78A  CA\_n7A-n258A/D/E/F  CA\_n78A-n258A/D/E/F | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258F | |  |
| CA\_n7B-n78(2A)-n258G | | CA\_n7B  CA\_n78(2A)  CA\_n258G  CA\_n7A-n78A  CA\_n7A-n258A/G  CA\_n78A-n258A/G | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258G | |  |
| CA\_n7B-n78(2A)-n258H | | CA\_n7B  CA\_n78(2A)  CA\_n258G/H  CA\_n7A-n78A  CA\_n7A-n258A/G/H  CA\_n78A-n258G/H | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258H | |  |
| CA\_n7B-n78(2A)-n258I | | CA\_n7B  CA\_n78(2A)  CA\_n258G/H/I  CA\_n7A-n78A  CA\_n7A-n258A/G/H/I  CA\_n78A-n258A/G/H/I | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258I | |  |
| CA\_n7B-n78(2A)-n258J | | CA\_n7B  CA\_n78(2A)  CA\_n258G/H/I  CA\_n7A-n78A  CA\_n7A-n258A/G/H/I  CA\_n78A-n258A/G/H/I | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258J | |  |
| CA\_n7B-n78(2A)-n258K | | CA\_n7B  CA\_n78(2A)  CA\_n258G/H/I  CA\_n7A-n78A  CA\_n7A-n258A/G/H/I  CA\_n78A-n258A/G/H/I | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258K | |  |
| CA\_n7B-n78(2A)-n258L | | CA\_n7B  CA\_n78(2A)  CA\_n258G/H/I  CA\_n7A-n78A  CA\_n7A-n258A/G/H/I  CA\_n78A-n258A/G/H/I | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258L | |  |
| CA\_n7B-n78(2A)-n258M | | CA\_n7B  CA\_n78(2A)  CA\_n258G/H/I  CA\_n7A-n78A  CA\_n7A-n258A/G/H/I  CA\_n78A-n258A/G/H/I | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258M | |  |
| CA\_n7B-n78(2A)-n258R2 | | CA\_n7B  CA\_n78(2A)  CA\_n7A-n78A  CA\_n258R2  CA\_n7A-n258A/R2  CA\_n78A-n258A/R2 | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258R2 | |  |
| CA\_n7B-n78(2A)-n258R3 | | CA\_n7B  CA\_n78(2A)  CA\_n7A-n78A  CA\_n258R2/R3  CA\_n7A-n258A/R2/R3  CA\_n78A-n258A/R2/R3 | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258R3 | |  |
| CA\_n7B-n78(2A)-n258R4 | | CA\_n7B  CA\_n78(2A)  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258R4 | |  |
| CA\_n7B-n78(2A)-n258R5 | | CA\_n7B  CA\_n78(2A)  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258R5 | |  |
| CA\_n7B-n78(2A)-n258R6 | | CA\_n7B  CA\_n78(2A)  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258R6 | |  |
| CA\_n7B-n78(2A)-n258R7 | | CA\_n7B  CA\_n78(2A)  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258R7 | |  |
| CA\_n7B-n78(2A)-n258R8 | | CA\_n7B  CA\_n78(2A)  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258R8 | |  |
| CA\_n7B-n78(2A)-n258R9 | | CA\_n7B  CA\_n78(2A)  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258R9 | |  |
| CA\_n7B-n78(2A)-n258R10 | | CA\_n7B  CA\_n78(2A)  CA\_n7A-n78A  CA\_n258R2/R3/R4  CA\_n7A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4 | n7 | | CA\_n7B | | 0 |
|  | |  | n78 | | CA\_n78(2A) | |  |
|  | |  | n258 | | CA\_n258R10 | |  |
| CA\_n7A-n105A-n257A | | CA\_n7A-n105A  CA\_n7A-n257A  CA\_n105A-n257A | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n105 | | 5, 10, 15, 20, 25, 30, 35 | |  |
|  | |  | n257 | | 50, 100, 200, 400 | |  |
| CA\_n7A-n105A-n258A | | CA\_n7A-n105A  CA\_n7A-n258A  CA\_n105A-n258A | n7 | | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  | |  | n105 | | 5, 10, 15, 20, 25, 30, 35 | |  |
|  | |  | n258 | | 50, 100, 200, 400 | |  |
| CA\_n8A-n77A-n257A | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n8A-n77A-n257G | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257G |  | |
| CA\_n8A-n77A-n257H | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257H |  | |
| CA\_n8A-n77A-n257I | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257I |  | |
| CA\_n8A-n77A-n257J | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257J |  | |
| CA\_n8A-n77A-n257K | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257K |  | |
| CA\_n8A-n77A-n257L | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257L |  | |
| CA\_n8A-n77A-n257M | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257M |  | |
| CA\_n8A-n77(2A)-n257A | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n77 | CA\_n77(2A) |  | |
|  | |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n8A-n77(2A)-n257G | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n77 | CA\_n77(2A) |  | |
|  | |  | | n257 | CA\_n257G |  | |
| CA\_n8A-n77(2A)-n257H | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n77 | CA\_n77(2A) |  | |
|  | |  | | n257 | CA\_n257H |  | |
| CA\_n8A-n77(2A)-n257I | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n77 | CA\_n77(2A) |  | |
|  | |  | | n257 | CA\_n257I |  | |
| CA\_n8A-n77(2A)-n257J | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n77 | CA\_n77(2A) |  | |
|  | |  | | n257 | CA\_n257J |  | |
| CA\_n8A-n77(2A)-n257K | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n77 | CA\_n77(2A) |  | |
|  | |  | | n257 | CA\_n257K |  | |
| CA\_n8A-n77(2A)-n257L | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n77 | CA\_n77(2A) |  | |
|  | |  | | n257 | CA\_n257L |  | |
| CA\_n8A-n77(2A)-n257M | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n77 | CA\_n77(2A) |  | |
|  | |  | | n257 | CA\_n257M |  | |
| CA\_n8A-n78A-n257A | | CA\_n8A-n78A  CA\_n8A-n257A  CA\_n78A-n257A | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n8A-n78A-n257D | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257D |  | |
| CA\_n8A-n78A-n257E | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257E |  | |
| CA\_n8A-n78A-n257F | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257F |  | |
| CA\_n8A-n78A-n257G | | CA\_n257G  CA\_n8A-n78A  CA\_n8A-n257A/G  CA\_n78A-n257A/G | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257G |  | |
| CA\_n8A-n78A-n257H | | CA\_n257G/H  CA\_n8A-n78A  CA\_n8A-n257A/G/H  CA\_n78A-n257A/G/H | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257H |  | |
| CA\_n8A-n78A-n257I | | CA\_n257G/H/I  CA\_n8A-n78A  CA\_n8A-n257A/G/H/I  CA\_n78A-n257A/G/H/I | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257I |  | |
| CA\_n8A-n78A-n257J | | CA\_n257G/H/I/J  CA\_n8A-n78A  CA\_n8A-n257A/G/H/I/J  CA\_n78A-n257A/G/H/I/J | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257J |  | |
| CA\_n8A-n78A-n257K | | CA\_n257G/H/I/J/K  CA\_n8A-n78A  CA\_n8A-n257A/G/H/I/J/K  CA\_n78A-n257A/G/H/I/J/K | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257K |  | |
| CA\_n8A-n78A-n257L | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257L |  | |
| CA\_n8A-n78A-n257M | | - | | n8 | 5, 10, 15, 20 | 0 | |
|  | |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257M |  | |
| CA\_n12A-n30A-n260A | | CA\_n12A-n30A  CA\_n12A-n260A  CA\_n30A-n260A | | n12 | 5, 10, 15 | 0 | |
|  | |  | | n30 | 5, 10 |  | |
|  | |  | | n260 | 50, 100, 200, 400 |  | |
| CA\_n12A-n30A-n260G | | CA\_n12A-n30A  CA\_n12A-n260A/G  CA\_n30A-n260A/G | n12 | | 5, 10, 15 | | 0 |
|  | |  | n30 | | 5, 10 | |  |
|  | |  | n260 | | CA\_n260G | |  |
| CA\_n12A-n30A-n260H | | CA\_n12A-n30A  CA\_n12A-n260A/G/H  CA\_n30A-n260A/G/H | n12 | | 5, 10, 15 | | 0 |
|  | |  | n30 | | 5, 10 | |  |
|  | |  | n260 | | CA\_n260H | |  |
| CA\_n12A-n30A-n260I | | CA\_n12A-n30A  CA\_n12A-n260A/G/H/I  CA\_n30A-n260A/G/H/I | n12 | | 5, 10, 15 | | 0 |
|  | |  | n30 | | 5, 10 | |  |
|  | |  | n260 | | CA\_n260I | |  |
| CA\_n12A-n30A-n260J | | CA\_n12A-n30A  CA\_n12A-n260A/G/H/I/J  CA\_n30A-n260A/G/H/I/J | n12 | | 5, 10, 15 | | 0 |
|  | |  | n30 | | 5, 10 | |  |
|  | |  | n260 | | CA\_n260J | |  |
| CA\_n12A-n30A-n260K | | CA\_n12A-n30A  CA\_n12A-n260A/G/H/I/J/K  CA\_n30A-n260A/G/H/I/J/K | n12 | | 5, 10, 15 | | 0 |
|  | |  | n30 | | 5, 10 | |  |
|  | |  | n260 | | CA\_n260K | |  |
| CA\_n12A-n30A-n260L | | CA\_n12A-n30A  CA\_n12A-n260A/G/H/I/J/K/L  CA\_n30A-n260A/G/H/I/J/K/L | n12 | | 5, 10, 15 | | 0 |
|  | |  | n30 | | 5, 10 | |  |
|  | |  | n260 | | CA\_n260L | |  |
| CA\_n12A-n30A-n260M | | CA\_n12A-n30A  CA\_n12A-n260A/G/H/I/J/K/L/M  CA\_n30A-n260A/G/H/I/J/K/L/M | n12 | | 5, 10, 15 | | 0 |
|  | |  | n30 | | 5, 10 | |  |
|  | |  | n260 | | CA\_n260M | |  |
| CA\_n12A-n66A-n260A | | CA\_n12A-n66A  CA\_n12A-n260A  CA\_n66A-n260A | n12 | | 5, 10, 15 | | 0 |
|  | |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n260 | | 50, 100, 200, 400 | |  |
| CA\_n12A-n66A-n260G | | CA\_n12A-n66A  CA\_n12A-n260A/G  CA\_n66A-n260A/G | n12 | | 5, 10, 15 | | 0 |
|  | |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n260 | | CA\_n260G | |  |
| CA\_n12A-n66A-n260H | | CA\_n12A-n66A  CA\_n12A-n260A/G/H  CA\_n66A-n260A/G/H | n12 | | 5, 10, 15 | | 0 |
|  | |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n260 | | CA\_n260H | |  |
| CA\_n12A-n66A-n260I | | CA\_n12A-n66A  CA\_n12A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n12 | | 5, 10, 15 | | 0 |
|  | |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n260 | | CA\_n260I | |  |
| CA\_n12A-n66A-n260J | | CA\_n12A-n66A  CA\_n12A-n260A/G/H/I/J  CA\_n66A-n260A/G/H/I/J | n12 | | 5, 10, 15 | | 0 |
|  | |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n260 | | CA\_n260J | |  |
| CA\_n12A-n66A-n260K | | CA\_n12A-n66A  CA\_n12A-n260A/G/H/I/J/K  CA\_n66A-n260A/G/H/I/J/K | n12 | | 5, 10, 15 | | 0 |
|  | |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n260 | | CA\_n260K | |  |
| CA\_n12A-n66A-n260L | | CA\_n12A-n66A  CA\_n12A-n260A/G/H/I/J/K/L  CA\_n66A-n260A/G/H/I/J/K/L | n12 | | 5, 10, 15 | | 0 |
|  | |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n260 | | CA\_n260L | |  |
| CA\_n12A-n66A-n260M | | CA\_n12A-n66A  CA\_n12A-n260A/G/H/I/J/K/L/M  CA\_n66A-n260A/G/H/I/J/K/L/M | n12 | | 5, 10, 15 | | 0 |
|  | |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n260 | | CA\_n260M | |  |
| CA\_n12A-n77A-n260A | | CA\_n12A-n77A  CA\_n12A-n260A  CA\_n77A-n260A | n12 | | 5, 10, 15 | | 0 |
|  | |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n260 | | 50, 100, 200, 400 | |  |
| CA\_n12A-n77A-n260G | | CA\_n12A-n77A  CA\_n12A-n260A/G  CA\_n77A-n260A/G | n12 | | 5, 10, 15 | | 0 |
|  | |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n260 | | CA\_n260G | |  |
| CA\_n12A-n77A-n260H | | CA\_n12A-n77A  CA\_n12A-n260A/G/H  CA\_n77A-n260A/G/H | n12 | | 5, 10, 15 | | 0 |
|  | |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n260 | | CA\_n260H | |  |
| CA\_n12A-n77A-n260I | | CA\_n12A-n77A  CA\_n12A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | n12 | | 5, 10, 15 | | 0 |
|  | |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n260 | | CA\_n260I | |  |
| CA\_n12A-n77A-n260J | | CA\_n12A-n77A  CA\_n12A-n260A/G/H/I/J  CA\_n77A-n260A/G/H/I/J | n12 | | 5, 10, 15 | | 0 |
|  | |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n260 | | CA\_n260J | |  |
| CA\_n12A-n77A-n260K | | CA\_n12A-n77A  CA\_n12A-n260A/G/H/I/J/K  CA\_n77A-n260A/G/H/I/J/K | n12 | | 5, 10, 15 | | 0 |
|  | |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n260 | | CA\_n260K | |  |
| CA\_n12A-n77A-n260L | | CA\_n12A-n77A  CA\_n12A-n260A/G/H/I/J/K/L  CA\_n77A-n260A/G/H/I/J/K/L | n12 | | 5, 10, 15 | | 0 |
|  | |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n260 | | CA\_n260L | |  |
| CA\_n12A-n77A-n260M | | CA\_n12A-n77A  CA\_n12A-n260A/G/H/I/J/K/L/M  CA\_n77A-n260A/G/H/I/J/K/L/M | n12 | | 5, 10, 15 | | 0 |
|  | |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n260 | | CA\_n260M | |  |
| CA\_n14A-n30A-n260A | | CA\_n14A-n30A  CA\_n14A-n260A  CA\_n30A-n260A | n14 | | 5, 10 | | 0 |
|  | |  | n30 | | 5, 10 | |  |
|  | |  | n260 | | 50, 100, 200, 400 | |  |
| CA\_n14A-n30A-n260G | | CA\_n14A-n30A  CA\_n14A-n260A/G  CA\_n30A-n260A/G | n14 | | 5, 10 | | 0 |
|  | |  | n30 | | 5, 10 | |  |
|  | |  | n260 | | CA\_n260G | |  |
| CA\_n14A-n30A-n260H | | CA\_n14A-n30A  CA\_n14A-n260A/G/H  CA\_n30A-n260A/G/H | n14 | | 5, 10 | | 0 |
|  | |  | n30 | | 5, 10 | |  |
|  | |  | n260 | | CA\_n260H | |  |
| CA\_n14A-n30A-n260I | | CA\_n14A-n30A  CA\_n14A-n260A/G/H/I  CA\_n30A-n260A/G/H/I | n14 | | 5, 10 | | 0 |
|  | |  | n30 | | 5, 10 | |  |
|  | |  | n260 | | CA\_n260I | |  |
| CA\_n14A-n30A-n260J | | CA\_n14A-n30A  CA\_n14A-n260A/G/H/I/J  CA\_n30A-n260A/G/H/I/J | n14 | | 5, 10 | | 0 |
|  | |  | n30 | | 5, 10 | |  |
|  | |  | n260 | | CA\_n260J | |  |
| CA\_n14A-n30A-n260K | | CA\_n14A-n30A  CA\_n14A-n260A/G/H/I/J/K  CA\_n30A-n260A/G/H/I/J/K | n14 | | 5, 10 | | 0 |
|  | |  | n30 | | 5, 10 | |  |
|  | |  | n260 | | CA\_n260K | |  |
| CA\_n14A-n30A-n260L | | CA\_n14A-n30A  CA\_n14A-n260A/G/H/I/J/K/L  CA\_n30A-n260A/G/H/I/J/K/L | n14 | | 5, 10 | | 0 |
|  | |  | n30 | | 5, 10 | |  |
|  | |  | n260 | | CA\_n260L | |  |
| CA\_n14A-n30A-n260M | | CA\_n14A-n30A  CA\_n14A-n260A/G/H/I/J/K/L/M  CA\_n30A-n260A/G/H/I/J/K/L/M | n14 | | 5, 10 | | 0 |
|  | |  | n30 | | 5, 10 | |  |
|  | |  | n260 | | CA\_n260M | |  |
| CA\_n14A-n66A-n260A | | CA\_n14A-n66A  CA\_n14A-n260A  CA\_n66A-n260A | n14 | | 5, 10 | | 0 |
|  | |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n260 | | 50, 100, 200, 400 | |  |
| CA\_n14A-n66A-n260G | | CA\_n14A-n66A  CA\_n14A-n260A/G  CA\_n66A-n260A/G | n14 | | 5, 10 | | 0 |
|  | |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n260 | | CA\_n260G | |  |
| CA\_n14A-n66A-n260H | | CA\_n14A-n66A  CA\_n14A-n260A/G/H  CA\_n66A-n260A/G/H | n14 | | 5, 10 | | 0 |
|  | |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n260 | | CA\_n260H | |  |
| CA\_n14A-n66A-n260I | | CA\_n14A-n66A  CA\_n14A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n14 | | 5, 10 | | 0 |
|  | |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n260 | | CA\_n260I | |  |
| CA\_n14A-n66A-n260J | | CA\_n14A-n66A  CA\_n14A-n260A/G/H/I/J  CA\_n66A-n260A/G/H/I/J | n14 | | 5, 10 | | 0 |
|  | |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n260 | | CA\_n260J | |  |
| CA\_n14A-n66A-n260K | | CA\_n14A-n66A  CA\_n14A-n260A/G/H/I/J/K  CA\_n66A-n260A/G/H/I/J/K | n14 | | 5, 10 | | 0 |
|  | |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n260 | | CA\_n260K | |  |
| CA\_n14A-n66A-n260L | | CA\_n14A-n66A  CA\_n14A-n260A/G/H/I/J/K/L  CA\_n66A-n260A/G/H/I/J/K/L | n14 | | 5, 10 | | 0 |
|  | |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n260 | | CA\_n260L | |  |
| CA\_n14A-n66A-n260M | | CA\_n14A-n66A  CA\_n14A-n260A/G/H/I/J/K/L/M  CA\_n66A-n260A/G/H/I/J/K/L/M | n14 | | 5, 10 | | 0 |
|  | |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  | |  | n260 | | CA\_n260M | |  |
| CA\_n14A-n77A-n260A | | CA\_n14A-n77A  CA\_n14A-n260A  CA\_n77A-n260A | n14 | | 5, 10 | | 0 |
|  | |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n260 | | 50, 100, 200, 400 | |  |
| CA\_n14A-n77A-n260G | | CA\_n14A-n77A  CA\_n14A-n260A/G  CA\_n77A-n260A/G | n14 | | 5, 10 | | 0 |
|  | |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n260 | | CA\_n260G | |  |
| CA\_n14A-n77A-n260H | | CA\_n14A-n77A  CA\_n14A-n260A/G/H  CA\_n77A-n260A/G/H | n14 | | 5, 10 | | 0 |
|  | |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n260 | | CA\_n260H | |  |
| CA\_n14A-n77A-n260I | | CA\_n14A-n77A  CA\_n14A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | n14 | | 5, 10 | | 0 |
|  | |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n260 | | CA\_n260I | |  |
| CA\_n14A-n77A-n260J | | CA\_n14A-n77A  CA\_n14A-n260A/G/H/I/J  CA\_n77A-n260A/G/H/I/J | n14 | | 5, 10 | | 0 |
|  | |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n260 | | CA\_n260J | |  |
| CA\_n14A-n77A-n260K | | CA\_n14A-n77A  CA\_n14A-n260A/G/H/I/J/K  CA\_n77A-n260A/G/H/I/J/K | n14 | | 5, 10 | | 0 |
|  | |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n260 | | CA\_n260K | |  |
| CA\_n14A-n77A-n260L | | CA\_n14A-n77A  CA\_n14A-n260A/G/H/I/J/K/L  CA\_n77A-n260A/G/H/I/J/K/L | n14 | | 5, 10 | | 0 |
|  | |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n260 | | CA\_n260L | |  |
| CA\_n14A-n77A-n260M | | CA\_n14A-n77A  CA\_n14A-n260A/G/H/I/J/K/L/M  CA\_n77A-n260A/G/H/I/J/K/L/M | n14 | | 5, 10 | | 0 |
|  | |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  | |  | n260 | | CA\_n260M | |  |
| CA\_n18A-n28A-n257A | | CA\_n18A-n28A  CA\_n18A-n257A  CA\_n28A-n257A | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n28 | 5, 10 |  | |
|  | |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n18A-n28A-n257G | | CA\_n18A-n28A  CA\_n18A-n257A/G | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n28 | 5, 10 |  | |
|  | |  | | n257 | CA\_n257G |  | |
| CA\_n18A-n28A-n257H | | CA\_n18A-n28A  CA\_n18A-n257A/G/H  CA\_n28A-n257A/G/H | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n28 | 5, 10 |  | |
|  | |  | | n257 | CA\_n257H |  | |
| CA\_n18A-n28A-n257I | | CA\_n18A-n28A  CA\_n18A-n257A/G/H/I  CA\_n28A-n257A/G/H/I | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n28 | 5, 10 |  | |
|  | |  | | n257 | CA\_n257I |  | |
| CA\_n18A-n41A-n257A | | CA\_n18A-n41A  CA\_n18A-n257A  CA\_n41A-n257A | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n18A-n41A-n257G | | CA\_n18A-n41A  CA\_n18A-n257A/G  CA\_n41A-n257A/G | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257G |  | |
| CA\_n18A-n41A-n257H | | CA\_n18A-n41A  CA\_n18A-n257A/G/H  CA\_n41A-n257A/G/H | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257H |  | |
| CA\_n18A-n41A-n257I | | CA\_n18A-n41A  CA\_n18A-n257A/G/H/I  CA\_n41A-n257A/G/H/I | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257I |  | |
| CA\_n18A-n77A-n257A | | CA\_n18A-n77A  CA\_n18A-n257A  CA\_n77A-n257A | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n18A-n77A-n257G | | CA\_n18A-n77A  CA\_n18A-n257A/G  CA\_n77A-n257A/G | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257G |  | |
| CA\_n18A-n77A-n257H | | CA\_n18A-n77A  CA\_n18A-n257A/G/H  CA\_n77A-n257A/G/H | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257H |  | |
| CA\_n18A-n77A-n257I | | CA\_n18A-n77A  CA\_n18A-n257A/G/H/I  CA\_n77A-n257A/G/H/I | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257I |  | |
| CA\_n18A-n77(2A)-n257A | | CA\_n18A-n77A  CA\_n18A-n257A  CA\_n77A-n257A | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n77 | CA\_n77(2A) |  | |
|  | |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n18A-n77(2A)-n257G | | CA\_n18A-n77A  CA\_n18A-n257A/G  CA\_n77A-n257A/G | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n77 | CA\_n77(2A) |  | |
|  | |  | | n257 | CA\_n257G |  | |
| CA\_n18A-n77(2A)-n257H | | CA\_n18A-n77A  CA\_n18A-n257A/G/H  CA\_n77A-n257A/G/H | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n77 | CA\_n77(2A) |  | |
|  | |  | | n257 | CA\_n257H |  | |
| CA\_n18A-n77(2A)-n257I | | CA\_n18A-n77A  CA\_n18A-n257A/G/H/I  CA\_n77A-n257A/G/H/I | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n77 | CA\_n77(2A) |  | |
|  | |  | | n257 | CA\_n257I |  | |
| CA\_n18A-n78A-n257A | | CA\_n18A-n78A  CA\_n18A-n257A  CA\_n78A-n257A | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n18A-n78A-n257G | | CA\_n18A-n78A  CA\_n18A-n257A/G  CA\_n78A-n257A/G | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257G |  | |
| CA\_n18A-n78A-n257H | | CA\_n18A-n78A  CA\_n18A-n257A/G/H  CA\_n78A-n257A/G/H | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257H |  | |
| CA\_n18A-n78A-n257I | | CA\_n18A-n78A  CA\_n18A-n257A/G/H/I  CA\_n78A-n257A/G/H/I | | n18 | 5, 10, 15 | 0 | |
|  | |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  | |  | | n257 | CA\_n257I |  | |
| CA\_n25A-n41A-n260A | | CA\_n25A-n260A CA\_n41A-n260A | | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 | |
|  | |  | | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  | |  | | n260 | 50, 100, 200, 400 |  | |
| CA\_n25A-n41A-n260G | | CA\_n25A-n260A CA\_n41A-n260A | | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 | |
|  | |  | | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  | |  | | n260 | CA\_n260G |  | |
| CA\_n25A-n41A-n260H | | CA\_n25A-n260A CA\_n41A-n260A | | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 | |
|  | |  | | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  | |  | | n260 | CA\_n260H |  | |
| CA\_n25A-n41A-n260I | | CA\_n25A-n260A CA\_n41A-n260A | | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 | |
|  | |  | | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  | |  | | n260 | CA\_n260I |  | |
| CA\_n25A-n41A-n260(2A) | | CA\_n25A-n260A CA\_n41A-n260A | | n25 | 5, 10, 15, 20, 25, 30, 40 | 0 | |
|  | |  | | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  | |  | | n260 | CA\_n260(2A) |  | |
| CA\_n26A-n78A-n258A | | CA\_n26A-n258A  CA\_n78A-n258A  CA\_n26A-n78A | | n26 | 5, 10, 15, 20, 25, 30 | 0 | |
|  | |  | | n78 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  | |  | | n258 | 50, 100, 200, 400 |  | |
| CA\_n26A-n78A-n258B | | CA\_n26A-n258A  CA\_n78A-n258A  CA\_n26A-n78A | | n26 | 5, 10, 15, 20, 25, 30 | 0 | |
|  | |  | | n78 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  | |  | | n258 | CA\_n258B |  | |
| CA\_n26A-n78A-n258C | | CA\_n26A-n258A  CA\_n78A-n258A  CA\_n26A-n78A | | n26 | 5, 10, 15, 20, 25, 30 | 0 | |
|  | |  | | n78 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  | |  | | n258 | CA\_n258C |  | |
| CA\_n26A-n78A-n258D | | CA\_n26A-n258A  CA\_n78A-n258A  CA\_n26A-n78A | | n26 | 5, 10, 15, 20, 25, 30 | 0 | |
|  | |  | | n78 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  | |  | | n258 | CA\_n258D |  | |
| CA\_n26A-n78A-n258E | | CA\_n26A-n258A  CA\_n78A-n258A  CA\_n26A-n78A | | n26 | 5, 10, 15, 20, 25, 30 | 0 | |
|  | |  | | n78 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  | |  | | n258 | CA\_n258E |  | |
| CA\_n26A-n78A-n258F | | CA\_n26A-n258A  CA\_n78A-n258A  CA\_n26A-n78A | | n26 | 5, 10, 15, 20, 25, 30 | 0 | |
|  | |  | | n78 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  | |  | | n258 | CA\_n258F |  | |
| CA\_n26A-n78A-n258G | CA\_n26A-n258A/G  CA\_n78A-n258A/G  CA\_n26A-n78A | | n26 | | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n78 | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258G | |  |
| CA\_n26A-n78A-n258H | CA\_n26A-n258A/G/H  CA\_n78A-n258A/G/H  CA\_n26A-n78A | | n26 | | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n78 | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258H | |  |
| CA\_n26A-n78A-n258I | CA\_n26A-n258A/G/H/I  CA\_n78A-n258A/G/H/I  CA\_n26A-n78A | | n26 | | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n78 | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258I | |  |
| CA\_n26A-n78A-n258J | CA\_n26A-n258A/G/H/I  CA\_n78A-n258A/G/H/I  CA\_n26A-n78A | | n26 | | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n78 | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258J | |  |
| CA\_n26A-n78A-n258K | CA\_n26A-n258A/G/H/I  CA\_n78A-n258A/G/H/I  CA\_n26A-n78A | | n26 | | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n78 | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258K | |  |
| CA\_n26A-n78A-n258L | CA\_n26A-n258A/G/H/I  CA\_n78A-n258A/G/H/I  CA\_n26A-n78A | | n26 | | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n78 | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258L | |  |
| CA\_n26A-n78A-n258M | CA\_n26A-n258A/G/H/I  CA\_n78A-n258A/G/H/I  CA\_n26A-n78A | | n26 | | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n78 | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258M | |  |
| CA\_n26A-n78A-n258R2 | CA\_n26A-n78A  CA\_n26A-n258A/R2  CA\_n78A-n258A/R2  CA\_n258R2 | | n26 | | 5, 10, 15, 20 | | 0 |
|  |  | | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258R2 | |  |
| CA\_n26A-n78A-n258R3 | CA\_n26A-n78A  CA\_n26A-n258A/R2/R3  CA\_n78A-n258A/R2/R3  CA\_n258R2/R3 | | n26 | | 5, 10, 15, 20 | | 0 |
|  |  | | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258R3 | |  |
| CA\_n26A-n78A-n258R4 | CA\_n26A-n78A  CA\_n26A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4  CA\_n258R2/R3/R4 | | n26 | | 5, 10, 15, 20 | | 0 |
|  |  | | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258R4 | |  |
| CA\_n26A-n78A-n258R5 | CA\_n26A-n78A  CA\_n26A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4  CA\_n258R2/R3/R4 | | n26 | | 5, 10, 15, 20 | | 0 |
|  |  | | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258R5 | |  |
| CA\_n26A-n78A-n258R6 | CA\_n26A-n78A  CA\_n26A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4  CA\_n258R2/R3/R4 | | n26 | | 5, 10, 15, 20 | | 0 |
|  |  | | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258R6 | |  |
| CA\_n26A-n78A-n258R7 | CA\_n26A-n78A  CA\_n26A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4  CA\_n258R2/R3/R4 | | n26 | | 5, 10, 15, 20 | | 0 |
|  |  | | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258R7 | |  |
| CA\_n26A-n78A-n258R8 | CA\_n26A-n78A  CA\_n26A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4  CA\_n258R2/R3/R4 | | n26 | | 5, 10, 15, 20 | | 0 |
|  |  | | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258R8 | |  |
| CA\_n26A-n78A-n258R9 | CA\_n26A-n78A  CA\_n26A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4  CA\_n258R2/R3/R4 | | n26 | | 5, 10, 15, 20 | | 0 |
|  |  | | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258R9 | |  |
| CA\_n26A-n78A-n258R10 | CA\_n26A-n78A  CA\_n26A-n258A/R2/R3/R4  CA\_n78A-n258A/R2/R3/R4  CA\_n258R2/R3/R4 | | n26 | | 5, 10, 15, 20 | | 0 |
|  |  | | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258R10 | |  |
| CA\_n28A-n41A-n257A | CA\_n28A-n41A  CA\_n28A-n257A  CA\_n41A-n257A | | n28 | | 5, 10 | | 0 |
|  |  | | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | | n257 | | 50, 100, 200, 400 | |  |
| CA\_n28A-n41A-n257G | CA\_n28A-n41A  CA\_n28A-n257A/G  CA\_n41A-n257A/G | | n28 | | 5, 10 | | 0 |
|  |  | | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | | n257 | | CA\_n257G | |  |
| CA\_n28A-n41A-n257H | CA\_n28A-n41A  CA\_n28A-n257A/G/H  CA\_n41A-n257A/G/H | | n28 | | 5, 10 | | 0 |
|  |  | | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | | n257 | | CA\_n257H | |  |
| CA\_n28A-n41A-n257I | CA\_n28A-n41A  CA\_n28A-n257A/G/H/I  CA\_n41A-n257A/G/H/I | | n28 | | 5, 10 | | 0 |
|  |  | | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | | n257 | | CA\_n257I | |  |
| CA\_n28A-n77A-n257A | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n77A-n257A | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | | n257 | | 50, 100, 200, 400 | |  |
| CA\_n28A-n77A-n257D | CA\_n28A-n77A  CA\_n28A-n257A/D  CA\_n77A-n257A/D | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | | n257 | | CA\_n257D | |  |
| CA\_n28A-n77A-n257G | CA\_n28A-n77A  CA\_n28A-n257A/G  CA\_n77A-n257A/G | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | | n257 | | CA\_n257G | |  |
| CA\_n28A-n77A-n257H | CA\_n28A-n77A  CA\_n28A-n257A/G/H  CA\_n77A-n257A/G/H | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | | n257 | | CA\_n257H | |  |
| CA\_n28A-n77A-n257I | CA\_n28A-n77A  CA\_n28A-n257A/G/H/I  CA\_n77A-n257A/G/H/I | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | | n257 | | CA\_n257I | |  |
| CA\_n28A-n77(2A)-n257A | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n77A-n257A | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n77 | | CA\_n77(2A) | |  |
|  |  | | n257 | | 50, 100, 200, 400 | |  |
| CA\_n28A-n77(2A)-n257D | CA\_n28A-n77A  CA\_n28A-n257A/D  CA\_n77A-n257A/D | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n77 | | CA\_n77(2A) | |  |
|  |  | | n257 | | CA\_n257D | |  |
| CA\_n28A-n77(2A)-n257G | CA\_n28A-n77A  CA\_n28A-n257A/G  CA\_n77A-n257A/G | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n77 | | CA\_n77(2A) | |  |
|  |  | | n257 | | CA\_n257G | |  |
| CA\_n28A-n77(2A)-n257H | CA\_n28A-n77A  CA\_n28A-n257A/G/H  CA\_n77A-n257A/G/H | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n77 | | CA\_n77(2A) | |  |
|  |  | | n257 | | CA\_n257H | |  |
| CA\_n28A-n77(2A)-n257I | CA\_n28A-n77A  CA\_n28A-n257A/G/H/I  CA\_n77A-n257A/G/H/I | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n77 | | CA\_n77(2A) | |  |
|  |  | | n257 | | CA\_n257I | |  |
| CA\_n28A-n77(3A)-n257A | CA\_n28A-n77A  CA\_n28A-n257A  CA\_n77A-n257A | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n77 | | CA\_n77(3A) | |  |
|  |  | | n257 | | 50, 100, 200, 400 | |  |
| CA\_n28A-n77(3A)-n257D | CA\_n28A-n77A  CA\_n28A-n257A/D  CA\_n77A-n257A/D | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n77 | | CA\_n77(3A) | |  |
|  |  | | n257 | | CA\_n257D | |  |
| CA\_n28A-n77(3A)-n257G | CA\_n28A-n77A  CA\_n28A-n257A/G  CA\_n77A-n257A/G | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n77 | | CA\_n77(3A) | |  |
|  |  | | n257 | | CA\_n257G | |  |
| CA\_n28A-n77(3A)-n257H | CA\_n28A-n77A  CA\_n28A-n257A/G/H  CA\_n77A-n257A/G/H | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n77 | | CA\_n77(3A) | |  |
|  |  | | n257 | | CA\_n257H | |  |
| CA\_n28A-n77(3A)-n257I | CA\_n28A-n77A  CA\_n28A-n257A/G/H/I  CA\_n77A-n257A/G/H/I | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n77 | | CA\_n77(3A) | |  |
|  |  | | n257 | | CA\_n257I | |  |
| CA\_n28A-n78A-n257A | CA\_n28A-n78A  CA\_n28A-n257A  CA\_n78A-n257A | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | | n257 | | 50, 100, 200, 400 | |  |
| CA\_n28A-n78A-n257D | CA\_n28A-n78A  CA\_n28A-n257A/D  CA\_n78A-n257A/D | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | | n257 | | CA\_n257D | |  |
| CA\_n28A-n78A-n257G | CA\_n28A-n78A  CA\_n28A-n257A/G  CA\_n78A-n257A/G | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | | n257 | | CA\_n257G | |  |
| CA\_n28A-n78A-n257H | CA\_n28A-n78A  CA\_n28A-n257A/G/H  CA\_n78A-n257A/G/H | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | | n257 | | CA\_n257H | |  |
| CA\_n28A-n78A-n257I | CA\_n28A-n78A  CA\_n28A-n257A/G/H/I  CA\_n78A-n257A/G/H/I | | n28 | | 5, 10, 15, 20 | | 0 |
|  |  | | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | | n257 | | CA\_n257I | |  |
| CA\_n28A-n78A-n258A | | CA\_n28A-n258A  CA\_n78A-n258A  CA\_n28A-n78A | | n28 | 5, 10, 15, 20, 25, 30 | 0 | |
|  | |  | | n78 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  | |  | | n258 | 50, 100, 200, 400 |  | |
| CA\_n28A-n78A-n258B | | CA\_n28A-n258A  CA\_n78A-n258A  CA\_n28A-n78A | | n28 | 5, 10, 15, 20, 25, 30 | 0 | |
|  | |  | | n78 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  | |  | | n258 | CA\_n258B |  | |
| CA\_n28A-n78A-n258C | | CA\_n28A-n258A  CA\_n78A-n258A  CA\_n28A-n78A | | n28 | 5, 10, 15, 20, 25, 30 | 0 | |
|  | |  | | n78 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  | |  | | n258 | CA\_n258C |  | |
| CA\_n28A-n78A-n258D | | CA\_n28A-n258A  CA\_n78A-n258A  CA\_n28A-n78A | | n28 | 5, 10, 15, 20, 25, 30 | 0 | |
|  | |  | | n78 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  | |  | | n258 | CA\_n258D |  | |
| CA\_n28A-n78A-n258E | | CA\_n28A-n258A  CA\_n78A-n258A  CA\_n28A-n78A | | n28 | 5, 10, 15, 20, 25, 30 | 0 | |
|  | |  | | n78 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  | |  | | n258 | CA\_n258E |  | |
| CA\_n28A-n78A-n258F | | CA\_n28A-n258A  CA\_n78A-n258A  CA\_n28A-n78A | | n28 | 5, 10, 15, 20, 25, 30 | 0 | |
|  | |  | | n78 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  | |  | | n258 | CA\_n258F |  | |
| CA\_n28A-n78A-n258G | CA\_n28A-n258A/G  CA\_n78A-n258A/G  CA\_n28A-n78A | | n28 | | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n78 | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258G | |  |
| CA\_n28A-n78A-n258H | CA\_n28A-n258A/G/H  CA\_n78A-n258A/G/H  CA\_n28A-n78A | | n28 | | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n78 | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258H | |  |
| CA\_n28A-n78A-n258I | CA\_n28A-n258A/G/H/I  CA\_n78A-n258A/G/H/I  CA\_n28A-n78A | | n28 | | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n78 | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258I | |  |
| CA\_n28A-n78A-n258J | CA\_n28A-n258A/G/H/I  CA\_n78A-n258A/G/H/I  CA\_n28A-n78A | | n28 | | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n78 | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258J | |  |
| CA\_n28A-n78A-n258K | CA\_n28A-n258A/G/H/I  CA\_n78A-n258A/G/H/I  CA\_n28A-n78A | | n28 | | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n78 | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258K | |  |
| CA\_n28A-n78A-n258L | CA\_n28A-n258A/G/H/I  CA\_n78A-n258A/G/H/I  CA\_n28A-n78A | | n28 | | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n78 | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258L | |  |
| CA\_n28A-n78A-n258M | CA\_n28A-n258A/G/H/I  CA\_n78A-n258A/G/H/I  CA\_n28A-n78A | | n28 | | 5, 10, 15, 20, 25, 30 | | 0 |
|  |  | | n78 | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n258 | | CA\_n258M | |  |
| CA\_n28A-n79A-n257A | CA\_n28A-n79A  CA\_n28A-n257A  CA\_n79A-n257A | | n28 | | 5, 10, 15, 20, 30 | | 0 |
|  |  | | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | | n257 | | 50, 100, 200, 400 | |  |
| CA\_n28A-n79A-n257G | CA\_n257G  CA\_n28A-n79A  CA\_n28A-n257A/G  CA\_n79A-n257A/G | | n28 | | 5, 10, 15, 20, 30 | | 0 |
|  |  | | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | | n257 | | CA\_n257G | |  |
| CA\_n28A-n79A-n257H | CA\_n257G/H  CA\_n28A-n79A  CA\_n28A-n257A/G/H  CA\_n79A-n257A/G/H | | n28 | | 5, 10, 15, 20, 30 | | 0 |
|  |  | | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | | n257 | | CA\_n257H | |  |
| CA\_n28A-n79A-n257I | CA\_n257G/H/I  CA\_n28A-n79A  CA\_n28A-n257A/G/H/I  CA\_n79A-n257A/G/H/I | | n28 | | 5, 10, 15, 20, 30 | | 0 |
|  |  | | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | | n257 | | CA\_n257I | |  |
| CA\_n30A-n66A-n260A | CA\_n30A-n66A  CA\_n30A-n260A  CA\_n66A-n260A | | n30 | | 5, 10 | | 0 |
|  |  | | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  |  | | n260 | | 50, 100, 200, 400 | |  |
| CA\_n30A-n66A-n260G | CA\_n30A-n66A  CA\_n30A-n260A/G  CA\_n66A-n260A/G | | n30 | | 5, 10 | | 0 |
|  |  | | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  |  | | n260 | | CA\_n260G | |  |
| CA\_n30A-n66A-n260H | CA\_n30A-n66A  CA\_n30A-n260A/G/H  CA\_n66A-n260A/G/H | | n30 | | 5, 10 | | 0 |
|  |  | | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  |  | | n260 | | CA\_n260H | |  |
| CA\_n30A-n66A-n260I | CA\_n30A-n66A  CA\_n30A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | | n30 | | 5, 10 | | 0 |
|  |  | | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  |  | | n260 | | CA\_n260I | |  |
| CA\_n30A-n66A-n260J | CA\_n30A-n66A  CA\_n30A-n260A/G/H/I/J  CA\_n66A-n260A/G/H/I/J | | n30 | | 5, 10 | | 0 |
|  |  | | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  |  | | n260 | | CA\_n260J | |  |
| CA\_n30A-n66A-n260K | CA\_n30A-n66A  CA\_n30A-n260A/G/H/I/J/K  CA\_n66A-n260A/G/H/I/J/K | | n30 | | 5, 10 | | 0 |
|  |  | | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  |  | | n260 | | CA\_n260K | |  |
| CA\_n30A-n66A-n260L | CA\_n30A-n66A  CA\_n30A-n260A/G/H/I/J/K/L  CA\_n66A-n260A/G/H/I/J/K/L | | n30 | | 5, 10 | | 0 |
|  |  | | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  |  | | n260 | | CA\_n260L | |  |
| CA\_n30A-n66A-n260M | CA\_n30A-n66A  CA\_n30A-n260A/G/H/I/J/K/L/M  CA\_n66A-n260A/G/H/I/J/K/L/M | | n30 | | 5, 10 | | 0 |
|  |  | | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  |  | | n260 | | CA\_n260M | |  |
| CA\_n30A-n77A-n260A | CA\_n30A-n77A  CA\_n30A-n260A  CA\_n77A-n260A | | n30 | | 5, 10 | | 0 |
|  |  | | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n260 | | 50, 100, 200, 400 | |  |
| CA\_n30A-n77A-n260G | CA\_n30A-n77A  CA\_n30A-n260A/G  CA\_n77A-n260A/G | | n30 | | 5, 10 | | 0 |
|  |  | | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n260 | | CA\_n260G | |  |
| CA\_n30A-n77A-n260H | CA\_n30A-n77A  CA\_n30A-n260A/G/H  CA\_n77A-n260A/G/H | | n30 | | 5, 10 | | 0 |
|  |  | | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n260 | | CA\_n260H | |  |
| CA\_n30A-n77A-n260I | CA\_n30A-n77A  CA\_n30A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | | n30 | | 5, 10 | | 0 |
|  |  | | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n260 | | CA\_n260I | |  |
| CA\_n30A-n77A-n260J | CA\_n30A-n77A  CA\_n30A-n260A/G/H/I/J  CA\_n77A-n260A/G/H/I/J | | n30 | | 5, 10 | | 0 |
|  |  | | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n260 | | CA\_n260J | |  |
| CA\_n30A-n77A-n260K | CA\_n30A-n77A  CA\_n30A-n260A/G/H/I/J/K  CA\_n77A-n260A/G/H/I/J/K | | n30 | | 5, 10 | | 0 |
|  |  | | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n260 | | CA\_n260K | |  |
| CA\_n30A-n77A-n260L | CA\_n30A-n77A  CA\_n30A-n260A/G/H/I/J/K/L  CA\_n77A-n260A/G/H/I/J/K/L | | n30 | | 5, 10 | | 0 |
|  |  | | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n260 | | CA\_n260L | |  |
| CA\_n30A-n77A-n260M | CA\_n30A-n77A  CA\_n30A-n260A/G/H/I/J/K/L/M  CA\_n77A-n260A/G/H/I/J/K/L/M | | n30 | | 5, 10 | | 0 |
|  |  | | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | | n260 | | CA\_n260M | |  |
| CA\_n39A-n40A-n258A | CA\_n39A-n40A  CA\_n39A-n258A  CA\_n40A-n258A | | n39 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | | n40 | | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80, 100 | |  |
|  |  | | n258 | | 50, 100, 200, 400 | |  |
| CA\_n39A-n41A-n258A | CA\_n39A-n41A  CA\_n39A-n258A  CA\_n41A-n258A | | n39 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | | n258 | | 50, 100, 200, 400 | |  |

##### Table 5.5A.1.2-1c

**Table 5.5A.1.2-1c: Inter-band CA configurations and bandwidth combination sets between FR1 and FR2 (three bands)**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **NR CA configuration** | **Uplink configuration** | | **NR Band** | **Channel bandwidth (MHz) (NOTE 1)** | **Bandwidth combination set** | |
| CA\_n40A-n41A-n258A | CA\_n40A-n41A  CA\_n40A-n258A  CA\_n41A-n258A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n258 | 50, 100, 200, 400 |  | |
| CA\_n40A-n77A-n257A | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n40A-n77A-n257D | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257D |  | |
| CA\_n40A-n77A-n257E | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257E |  | |
| CA\_n40A-n77A-n257F | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A- | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257F |  | |
| CA\_n40A-n77A-n257G | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n40A-n77A-n257H | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n40A-n77A-n257I | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n40A-n77A-n257J | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257J |  | |
| CA\_n40A-n77A-n257K | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257K |  | |
| CA\_n40A-n77A-n257L | CA\_n40A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257L |  | |
| CA\_n40A-n77A-n257M | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257M |  | |
| CA\_n40A-n77C-n257A | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n40A-n77C-n257D | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257D |  | |
| CA\_n40A-n77C-n257E | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257E |  | |
| CA\_n40A-n77C-n257F | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257F |  | |
| CA\_n40A-n77C-n257G | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n40A-n77C-n257H | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n40A-n77C-n257I | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n40A-n77C-n257J | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257J |  | |
| CA\_n40A-n77C-n257K | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257K |  | |
| CA\_n40A-n77C-n257L | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257L |  | |
| CA\_n40A-n77C-n257M | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257M |  | |
| CA\_n40B-n77A-n257A | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n40B-n77A-n257D | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257D |  | |
| CA\_n40B-n77A-n257E | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257E |  | |
| CA\_n40B-n77A-n257F | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257F |  | |
| CA\_n40B-n77A-n257G | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n40B-n77A-n257H | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n40B-n77A-n257I | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n40B-n77A-n257J | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257J |  | |
| CA\_n40B-n77A-n257K | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257K |  | |
| CA\_n40B-n77A-n257L | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257L |  | |
| CA\_n40B-n77A-n257M | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257M |  | |
| CA\_n40B-n77C-n257A | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | 50, 100, 200, 400 |  | |
| CA\_n40B-n77C-n257D | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257D |  | |
| CA\_n40B-n77C-n257E | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257E |  | |
| CA\_n40B-n77C-n257F | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257F |  | |
| CA\_n40B-n77C-n257G | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n40B-n77C-n257H | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n40B-n77C-n257I | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n40B-n77C-n257J | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257J |  | |
| CA\_n40B-n77C-n257K | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257K |  | |
| CA\_n40B-n77C-n257L | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257L |  | |
| CA\_n40B-n77C-n257M | CA\_n40A-n77A  CA\_n77A-n257A  CA\_n40A-n257A | | n40 | CA\_n40B | 0 | |
|  |  | | n77 | CA\_n77C |  | |
|  |  | | n257 | CA\_n257M |  | |
| CA\_n40A-n78A-n257A | CA\_n40A-n257A  CA\_n78A-n257A | | n40 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257A |  | |
| CA\_n40A-n78A-n257D | CA\_n40A-n257A/D  CA\_n78A-n257A/D | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257D | |  |
| CA\_n40A-n78A-n257E | CA\_n78A-n257A/D/E  CA\_n40A-n257A/D/E | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257E | |  |
| CA\_n40A-n78A-n257F | CA\_n78A-n257A/D/E/F  CA\_n40A-n257A/D/E/F | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257F | |  |
| CA\_n40A-n78A-n257G | CA\_n78A-n257A/G  CA\_n40A-n257A/G | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n40A-n78A-n257H | CA\_n78A-n257A/G/H  CA\_n40A-n257A/G/H | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257H | |  |
| CA\_n40A-n78A-n257I | CA\_n78A-n257A/G/H/I  CA\_n40A-n257A/G/H/I | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257I | |  |
| CA\_n40A-n78A-n257J | CA\_n78A-n257A/G/H/I/J  CA\_n40A-n257A/G/H/I/J | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257J | |  |
| CA\_n40A-n78A-n257K | CA\_n78A-n257A/G/H/I/J/K  CA\_n40A-n257A/G/H/I/J/K | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257K | |  |
| CA\_n40A-n78A-n257L | CA\_n78A-n257A/G/H/I/J/K/L  CA\_n40A-n257A/G/H/I/J/K/L | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257L | |  |
| CA\_n40A-n78A-n257M | CA\_n78A-n257A/G/H/I/J/K/L/M  CA\_n40A-n257A/G/H/I/J/K/L/M | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257M | |  |
| CA\_n40A-n78C-n257A | CA\_n40A-n257A  CA\_n78A-n257A | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78C | |  |
|  |  | n257 | | CA\_n257A | |  |
| CA\_n40A-n78C-n257D | CA\_n40A-n257A/D  CA\_n78A-n257A/D | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78C | |  |
|  |  | n257 | | CA\_n257D | |  |
| CA\_n40A-n78C-n257E | CA\_n78A-n257A/D/E  CA\_n40A-n257A/D/E | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78C | |  |
|  |  | n257 | | CA\_n257E | |  |
| CA\_n40A-n78C-n257F | CA\_n78A-n257A/D/E/F  CA\_n40A-n257A/D/E/F | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78C | |  |
|  |  | n257 | | CA\_n257F | |  |
| CA\_n40A-n78C-n257G | CA\_n78A-n257A/G  CA\_n40A-n257A/G | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78C | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n40A-n78C-n257H | CA\_n78A-n257A/G/H  CA\_n40A-n257A/G/H | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78C | |  |
|  |  | n257 | | CA\_n257H | |  |
| CA\_n40A-n78C-n257I | CA\_n78A-n257A/G/H/I  CA\_n40A-n257A/G/H/I | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78C | |  |
|  |  | n257 | | CA\_n257I | |  |
| CA\_n40A-n78C-n257J | CA\_n78A-n257A/G/H/I/J  CA\_n40A-n257A/G/H/I/J | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78C | |  |
|  |  | n257 | | CA\_n257J | |  |
| CA\_n40A-n78C-n257K | CA\_n78A-n257A/G/H/I/J/K  CA\_n40A-n257A/G/H/I/J/K | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78C | |  |
|  |  | n257 | | CA\_n257K | |  |
| CA\_n40A-n78C-n257L | CA\_n78A-n257A/G/H/I/J/K/L  CA\_n40A-n257A/G/H/I/J/K/L | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78C | |  |
|  |  | n257 | | CA\_n257L | |  |
| CA\_n40A-n78C-n257M | CA\_n78A-n257A/G/H/I/J/K/L/M  CA\_n40A-n257A/G/H/I/J/K/L/M | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78C | |  |
|  |  | n257 | | CA\_n257M | |  |
| CA\_n40A-n78(2A)-n257A | CA\_n40A-n257A  CA\_n78A-n257A | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | 50, 100, 200, 400 | |  |
| CA\_n40A-n78(2A)-n257D | CA\_n40A-n257A/D  CA\_n78A-n257A/D | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257D | |  |
| CA\_n40A-n78(2A)-n257E | CA\_n78A-n257A/D/E  CA\_n40A-n257A/D/E | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257E | |  |
| CA\_n40A-n78(2A)-n257F | CA\_n78A-n257A/D/E/F  CA\_n40A-n257A/D/E/F | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257F | |  |
| CA\_n40A-n78(2A)-n257G | CA\_n78A-n257A/G  CA\_n40A-n257A/G | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n40A-n78(2A)-n257H | CA\_n78A-n257A/G/H  CA\_n40A-n257A/G/H | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257H | |  |
| CA\_n40A-n78(2A)-n257I | CA\_n78A-n257A/G/H/I  CA\_n40A-n257A/G/H/I | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257I | |  |
| CA\_n40A-n78(2A)-n257J | CA\_n78A-n257A/G/H/I/J  CA\_n40A-n257A/G/H/I/J | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257J | |  |
| CA\_n40A-n78(2A)-n257K | CA\_n78A-n257A/G/H/I/J/K  CA\_n40A-n257A/G/H/I/J/K | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257K | |  |
| CA\_n40A-n78(2A)-n257L | CA\_n78A-n257A/G/H/I/J/K/L  CA\_n40A-n257A/G/H/I/J/K/L | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257L | |  |
| CA\_n40A-n78(2A)-n257M | CA\_n78A-n257A/G/H/I/J/K/L/M  CA\_n40A-n257A/G/H/I/J/K/L/M | n40 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257M | |  |
| CA\_n40B-n78A-n257A | CA\_n40B  CA\_n40B-n257A  CA\_n78A-n257A | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | 50, 100, 200, 400 | |  |
| CA\_n40B-n78A-n257D | CA\_n40B  CA\_n40B-n257A/D  CA\_n78A-n257A/D | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257D | |  |
| CA\_n40B-n78A-n257E | CA\_n40B  CA\_n78A-n257A/D/E  CA\_n40B-n257A/D/E | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257E | |  |
| CA\_n40B-n78A-n257F | CA\_n40B  CA\_n78A-n257A/D/E/F  CA\_n40B-n257A/D/E/F | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257F | |  |
| CA\_n40B-n78A-n257G | CA\_n78A-n257A/G  CA\_n40B-n257A/G | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n40B-n78A-n257H | CA\_n40B  CA\_n78A-n257A/G/H  CA\_n40B-n257A/G/H | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257H | |  |
| CA\_n40B-n78A-n257I | CA\_n40B  CA\_n78A-n257A/G/H/I  CA\_n40B-n257A/G/H/I | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257I | |  |
| CA\_n40B-n78A-n257J | CA\_n40B  CA\_n78A-n257A/G/H/I/J  CA\_n40B-n257A/G/H/I/J | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257J | |  |
| CA\_n40B-n78A-n257K | CA\_n40B  CA\_n78A-n257A/G/H/I/J/K  CA\_n40B-n257A/G/H/I/J/K | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257K | |  |
| CA\_n40B-n78A-n257L | CA\_n40B  CA\_n78A-n257A/D/E/F/G/H/I/J/K/L  CA\_n40B-n257A/D/E/F/G/H/I/J/K/L | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257L | |  |
| CA\_n40B-n78A-n257M | CA\_n40B  CA\_n78A-n257A/D/E/F/G/H/I/J/K/L/M  CA\_n40B-n257A/D/E/F/G/H/I/J/K/L/M | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | 10, 15, 20, 25, 30, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257M | |  |
| CA\_n40B-n78(2A)-n257A | CA\_n40B  CA\_n78A  CA\_n40B-n257A  CA\_n78A-n257A | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | 50, 100, 200, 400 | |  |
| CA\_n40B-n78(2A)-n257D | CA\_n40B  CA\_n78A  CA\_n40B-n257A/D  CA\_n78A-n257A/D | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257D | |  |
| CA\_n40B-n78(2A)-n257E | CA\_n40B  CA\_n78A  CA\_n78A-n257A/D/E  CA\_n40B-n257A/D/E | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257E | |  |
| CA\_n40B-n78(2A)-n257F | CA\_n40B  CA\_n78A  CA\_n78A-n257A/D/E/F  CA\_n40B-n257A/D/E/F | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257F | |  |
| CA\_n40B-n78(2A)-n257G | CA\_n40B  CA\_n78A  CA\_n78A-n257A/G  CA\_n40B-n257A/G | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n40B-n78(2A)-n257H | CA\_n40B  CA\_n78A  CA\_n78A-n257A/G/H  CA\_n40B-n257A/G/H | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257H | |  |
| CA\_n40B-n78(2A)-n257I | CA\_n40B  CA\_n78A  CA\_n78A-n257A/G/H/I  CA\_n40B-n257A/G/H/I | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257I | |  |
| CA\_n40B-n78(2A)-n257J | CA\_n40B  CA\_n78A  CA\_n78A-n257A/G/H/I/J  CA\_n40B-n257A/G/H/I/J | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257J | |  |
| CA\_n40B-n78(2A)-n257K | CA\_n40B  CA\_n78A  CA\_n78A-n257A/G/H/I/J/K  CA\_n40B-n257A/G/H/I/J/K | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257K | |  |
| CA\_n40B-n78(2A)-n257L | CA\_n40B  CA\_n78A  CA\_n78A-n257A/G/H/I/J/K/L  CA\_n40B-n257A/G/H/I/J/K/L | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257L | |  |
| CA\_n40B-n78(2A)-n257M | CA\_n40B  CA\_n78A  CA\_n78A-n257A/G/H/I/J/K/L/M  CA\_n40B-n257A/G/H/I/J/K/L/M | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78(2A)\_BCS2 | |  |
|  |  | n257 | | CA\_n257M | |  |
| CA\_n40B-n78C-n257A | CA\_n40B  CA\_n78C  CA\_n40B-n257A  CA\_n78C-n257A | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78C\_BCS1 | |  |
|  |  | n257 | | 50, 100, 200, 400 | |  |
| CA\_n40B-n78C-n257D | CA\_n40B  CA\_n78C  CA\_n40B-n257A/D  CA\_n78C-n257A/D | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78C\_BCS1 | |  |
|  |  | n257 | | CA\_n257D | |  |
| CA\_n40B-n78C-n257E | CA\_n40B  CA\_n78C  CA\_n78C-n257A/D/E  CA\_n40B-n257A/D/E | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78C\_BCS1 | |  |
|  |  | n257 | | CA\_n257E | |  |
| CA\_n40B-n78C-n257F | CA\_n40B  CA\_n78C  CA\_n78C-n257A/D/E/F  CA\_n40B-n257A/D/E/F | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78C\_BCS1 | |  |
|  |  | n257 | | CA\_n257F | |  |
| CA\_n40B-n78C-n257G | CA\_n40B  CA\_n78C  CA\_n78C-n257A/G  CA\_n40B-n257A/G | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78C\_BCS1 | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n40B-n78C-n257H | CA\_n40B  CA\_n78C  CA\_n78C-n257A/G/H  CA\_n40B-n257A/G/H | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78C\_BCS1 | |  |
|  |  | n257 | | CA\_n257H | |  |
| CA\_n40B-n78C-n257I | CA\_n40B  CA\_n78C  CA\_n78C-n257A/G/H/I  CA\_n40B-n257A/G/H/I | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78C\_BCS1 | |  |
|  |  | n257 | | CA\_n257I | |  |
| CA\_n40B-n78C-n257J | CA\_n40B  CA\_n78C  CA\_n78C-n257A/G/H/I/J  CA\_n40B-n257A/G/H/I/J | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78C\_BCS1 | |  |
|  |  | n257 | | CA\_n257J | |  |
| CA\_n40B-n78C-n257K | CA\_n40B  CA\_n78C  CA\_n78C-n257A/G/H/I/J/K  CA\_n40B-n257A/G/H/I/J/K | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78C\_BCS1 | |  |
|  |  | n257 | | CA\_n257K | |  |
| CA\_n40B-n78C-n257L | CA\_n40B  CA\_n78C  CA\_n78C-n257A/G/H/I/J/K/L  CA\_n40B-n257A/G/H/I/J/K/L | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78C\_BCS1 | |  |
|  |  | n257 | | CA\_n257L | |  |
| CA\_n40B-n78C-n257M | CA\_n40B  CA\_n78C  CA\_n78C-n257A/G/H/I/J/K/L/M  CA\_n40B-n257A/G/H/I/J/K/L/M | n40 | | CA\_n40B\_BCS1 | | 0 |
|  |  | n78 | | CA\_n78C\_BCS1 | |  |
|  |  | n257 | | CA\_n257M | |  |
| CA\_n40A-n78A-n258A | - | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 100 | 0 | |
|  |  | | n78 | 10, 15, 20, 25, 30, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | 50, 100, 200, 400 |  | |
| CA\_n40A-n78A-n258D | - | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258D |  | |
| CA\_n40A-n78A-n258E | - | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258E |  | |
| CA\_n40A-n78A-n258F | - | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258F |  | |
| CA\_n40A-n78A-n258G | - | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258G |  | |
| CA\_n40A-n78A-n258H | - | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258H |  | |
| CA\_n40A-n78A-n258I | - | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258I |  | |
| CA\_n40A-n78A-n258J | - | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258J |  | |
| CA\_n40A-n78A-n258K | - | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258K |  | |
| CA\_n40A-n78A-n258L | - | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258L |  | |
| CA\_n40A-n78A-n258M | - | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 90, 100 |  | |
|  |  | | n258 | CA\_n258M |  | |
| CA\_n40A-n79A-n258A | CA\_n40A-n79A  CA\_n79A-n258A  CA\_n40A-n258A | | n40 | 5, 10, 15, 20, 25, 30, 40, 50, 60, 80 | 0 | |
|  |  | | n79 | 40, 50, 60, 80, 100 |  | |
|  |  | | n258 | 50, 100, 200, 400 |  | |
| CA\_n41A-n66A-n260A | CA\_n41A-n260A  CA\_n66A-n260A | | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n260 | 50, 100, 200, 400 |  | |
| CA\_n41A-n66A-n260(2A) | CA\_n41A-n260A  CA\_n66A-n260A | | n41 | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 40 |  | |
|  |  | | n260 | CA\_n260(2A) |  | |
| CA\_n41A-n66A-n260G | CA\_n41A-n260A/G  CA\_n66A-n260A/G | n41 | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  |  | n260 | | CA\_n260G | |  |
| CA\_n41A-n66A-n260H | CA\_n41A-n260A/G/H  CA\_n66A-n260A/G/H | n41 | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  |  | n260 | | CA\_n260H | |  |
| CA\_n41A-n66A-n260I | CA\_n41A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n41 | | 10, 15, 20, 30, 40, 50, 60, 70, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | |  |
|  |  | n260 | | CA\_n260I | |  |
| CA\_n41A-n77A-n257A | CA\_n41A-n77A  CA\_n41A-n257A  CA\_n77A-n257A | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | 50, 100, 200, 400 | |  |
| CA\_n41A-n77A-n257G | CA\_n257G  CA\_n41A-n77A  CA\_n41A-n257A/G  CA\_n77A-n257A/G | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n41A-n77A-n257H | CA\_n257G/H  CA\_n41A-n77A  CA\_n41A-n257A/G/H  CA\_n77A-n257A/G/H | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257H | |  |
| CA\_n41A-n77A-n257I | CA\_n257G/H/I  CA\_n41A-n77A/G/H/I  CA\_n77A-n257A/G/H/I | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257I | |  |
| CA\_n41A-n77(2A)-n257A | CA\_n41A-n77A  CA\_n41A-n257A  CA\_n77A-n257A | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77(2A) | |  |
|  |  | n257 | | 50, 100, 200, 400 | |  |
| CA\_n41A-n77(2A)-n257G | CA\_n41A-n77A  CA\_n41A-n257A/G  CA\_n77A-n257A/G | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77(2A) | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n41A-n77(2A)-n257H | CA\_n41A-n77A  CA\_n41A-n257A/G/H  CA\_n77A-n257A/G/H | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77(2A) | |  |
|  |  | n257 | | CA\_n257H | |  |
| CA\_n41A-n77(2A)-n257I | CA\_n41A-n77A  CA\_n41A-n257A/G/H/I  CA\_n77A-n257A/G/H/I | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77(2A) | |  |
|  |  | n257 | | CA\_n257I | |  |
| CA\_n41A-n77(3A)-n257A | CA\_n41A-n77A  CA\_n41A-n257A  CA\_n77A-n257A | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77(3A) | |  |
|  |  | n257 | | 50, 100, 200, 400 | |  |
| CA\_n41A-n77(3A)-n257G | CA\_n41A-n77A  CA\_n41A-n257A/G  CA\_n77A-n257A/G | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77(3A) | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n41A-n77(3A)-n257H | CA\_n41A-n77A  CA\_n41A-n257A/G/H  CA\_n77A-n257A/G/H | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77(3A) | |  |
|  |  | n257 | | CA\_n257H | |  |
| CA\_n41A-n77(3A)-n257I | CA\_n41A-n77A  CA\_n41A-n257A/G/H/I  CA\_n77A-n257A/G/H/I | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77(3A) | |  |
|  |  | n257 | | CA\_n257I | |  |
| CA\_n41A-n78A-n257A | - | | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | 50, 100, 200**,** 400 |  | |
| CA\_n41A-n78A-n257G | - | | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257G |  | |
| CA\_n41A-n78A-n257H | - | | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257H |  | |
| CA\_n41A-n78A-n257I | - | | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | | n78 | 10, 15, 20, 40, 50, 60, 80, 90, 100 |  | |
|  |  | | n257 | CA\_n257I |  | |
| CA\_n41A-n79A-n257A | CA\_n41A-n79A  CA\_n41A-n257A  CA\_n79A-n257A | | n41 | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | 0 | |
|  |  | | n79 | 40, 50, 60, 80, 100 |  | |
|  |  | | n257 | 50, 100, 200**,** 400 |  | |
| CA\_n41A-n79A-n257G | CA\_n41A-n79A  CA\_n41A-n257A/G  CA\_n79A-n257A/G | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n41A-n79A-n257H | CA\_n41A-n79A  CA\_n41A-n257A/G/H  CA\_n79A-n257A/G/H | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | CA\_n257H | |  |
| CA\_n41A-n79A-n257I | CA\_n41A-n79A  CA\_n41A-n257A/G/H/I  CA\_n79A-n257A/G/H/I | n41 | | 10, 15, 20, 30, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | CA\_n257I | |  |
| CA\_n41A-n79A-n258A | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | 50, 100, 200, 400 | |  |
| CA\_n41A-n79A-n258B | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258B | |  |
| CA\_n41A-n79A-n258C | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258C | |  |
| CA\_n41A-n79A-n258D | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258D | |  |
| CA\_n41A-n79A-n258E | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258E | |  |
| CA\_n41A-n79A-n258F | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258F | |  |
| CA\_n41A-n79A-n258G | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258G | |  |
| CA\_n41A-n79A-n258H | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258H | |  |
| CA\_n41A-n79A-n258I | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258I | |  |
| CA\_n41A-n79A-n258J | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258J | |  |
| CA\_n41A-n79A-n258K | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258K | |  |
| CA\_n41A-n79A-n258L | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258L | |  |
| CA\_n41A-n79A-n258M | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258M | |  |
| CA\_n41C-n79A-n258A | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | CA\_n41C | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | 50, 100, 200, 400 | |  |
| CA\_n41C-n79A-n258B | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | CA\_n41C | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258B | |  |
| CA\_n41C-n79A-n258C | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | CA\_n41C | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258C | |  |
| CA\_n41C-n79A-n258D | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | CA\_n41C | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258D | |  |
| CA\_n41C-n79A-n258E | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | CA\_n41C | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258E | |  |
| CA\_n41C-n79A-n258F | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | CA\_n41C | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258F | |  |
| CA\_n41C-n79A-n258G | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | CA\_n41C | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258G | |  |
| CA\_n41C-n79A-n258H | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | CA\_n41C | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258H | |  |
| CA\_n41C-n79A-n258I | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | CA\_n41C | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258I | |  |
| CA\_n41C-n79A-n258J | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | CA\_n41C | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258J | |  |
| CA\_n41C-n79A-n258K | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | CA\_n41C | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258K | |  |
| CA\_n41C-n79A-n258L | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | CA\_n41C | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258L | |  |
| CA\_n41C-n79A-n258M | CA\_n41A-n79A  CA\_n41A-n258A  CA\_n79A-n258A | n41 | | CA\_n41C | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258M | |  |
| CA\_n48A-n66A-n260A | CA\_n48A-n260A  CA\_n66A-n260A | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | 50, 100, 200, 400 | |  |
| CA\_n48A-n66A-n260G | CA\_n48A-n260A/G  CA\_n66A-n260A/G | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260G | |  |
| CA\_n48A-n66A-n260H | CA\_n48A-n260A/G/H  CA\_n66A-n260A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260H | |  |
| CA\_n48A-n66A-n260I | CA\_n48A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260I | |  |
| CA\_n48A-n66A-n260J | CA\_n48A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260J | |  |
| CA\_n48A-n66A-n260K | CA\_n48A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260K | |  |
| CA\_n48A-n66A-n260L | CA\_n48A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260L | |  |
| CA\_n48A-n66A-n260M | CA\_n48A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260M | |  |
| CA\_n48B-n66A-n260A | CA\_n48A-n260A  CA\_n66A-n260A | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | 50, 100, 200, 400 | |  |
| CA\_n48B-n66A-n260G | CA\_n48A-n260A/G  CA\_n66A-n260A/G | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260G | |  |
| CA\_n48B-n66A-n260H | CA\_n48A-n260A/G/H  CA\_n66A-n260A/G/H | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260H | |  |
| CA\_n48B-n66A-n260I | CA\_n48A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260I | |  |
| CA\_n48B-n66A-n260J | CA\_n48A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260J | |  |
| CA\_n48B-n66A-n260K | CA\_n48A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260K | |  |
| CA\_n48B-n66A-n260L | CA\_n48A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260L | |  |
| CA\_n48B-n66A-n260M | CA\_n48A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260M | |  |
| CA\_n48(2A)-n66A-n260A | CA\_n48A-n260A  CA\_n66A-n260A | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | 50, 100, 200, 400 | |  |
| CA\_n48(2A)-n66A-n260G | CA\_n48A-n260A/G  CA\_n66A-n260A/G | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260G | |  |
| CA\_n48(2A)-n66A-n260H | CA\_n48A-n260A/G/H  CA\_n66A-n260A/G/H | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260H | |  |
| CA\_n48(2A)-n66A-n260I | CA\_n48A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260I | |  |
| CA\_n48(2A)-n66A-n260J | CA\_n48A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260J | |  |
| CA\_n48(2A)-n66A-n260K | CA\_n48A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260K | |  |
| CA\_n48(2A)-n66A-n260L | CA\_n48A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260L | |  |
| CA\_n48(2A)-n66A-n260M | CA\_n48A-n260A/G/H/I  CA\_n66A-n260A/G/H/I | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n260 | | CA\_n260M | |  |
| CA\_n48A-n66A-n261A | CA\_n48A-n261A  CA\_n66A-n261A | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | 50, 100, 200, 400 | |  |
| CA\_n48A-n66A-n261G | CA\_n48A-n261A/G  CA\_n66A-n261A/G | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261G | |  |
| CA\_n48A-n66A-n261H | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261H | |  |
| CA\_n48A-n66A-n261I | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261I | |  |
| CA\_n48A-n66A-n261J | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261J | |  |
| CA\_n48A-n66A-n261K | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261K | |  |
| CA\_n48A-n66A-n261L | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261L | |  |
| CA\_n48A-n66A-n261M | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261M | |  |
| CA\_n48A-n66A-n261(2A) | CA\_n48A-n261A  CA\_n66A-n261A | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(2A) | |  |
| CA\_n48A-n66A-n261(3A) | CA\_n48A-n261A  CA\_n66A-n261A | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(3A) | |  |
| CA\_n48A-n66A-n261(A-G) | CA\_n48A-n261A/G  CA\_n66A-n261A/G | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(A-G) | |  |
| CA\_n48A-n66A-n261(A-H) | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(A-H) | |  |
| CA\_n48A-n66A-n261(A-I) | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(A-I) | |  |
| CA\_n48A-n66A-n261(G-H) | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(G-H) | |  |
| CA\_n48A-n66A-n261(2A-G) | CA\_n48A-n261A/G  CA\_n66A-n261A/G | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(2A-G) | |  |
| CA\_n48A-n66A-n261(2A-H) | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(2A-H) | |  |
| CA\_n48A-n66A-n261(A-2G) | CA\_n48A-n261A/G  CA\_n66A-n261A/G | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(A-2G) | |  |
| CA\_n48A-n66A-n261(A-G-H) | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(A-G-H) | |  |
| CA\_n48A-n66A-n261(2G) | CA\_n48A-n261A/G  CA\_n66A-n261A/G | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(2G) | |  |
| CA\_n48A-n66A-n261(2H) | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(2H) | |  |
| CA\_n48A-n66A-n261(2A-I) | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(2A-I) | |  |
| CA\_n48A-n66A-n261(A-G-I) | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(A-G-I) | |  |
| CA\_n48A-n66A-n261(G-I) | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(G-I) | |  |
| CA\_n48A-n66A-n261(H-I) | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(H-I) | |  |
| CA\_n48B-n66A-n261A | CA\_n48A-n261A  CA\_n66A-n261A | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | 50, 100, 200, 400 | |  |
| CA\_n48B-n66A-n261G | CA\_n48A-n261A/G  CA\_n66A-n261A/G | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261G | |  |
| CA\_n48B-n66A-n261H | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261H | |  |
| CA\_n48B-n66A-n261I | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261I | |  |
| CA\_n48B-n66A-n261J | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261J | |  |
| CA\_n48B-n66A-n261K | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261K | |  |
| CA\_n48B-n66A-n261L | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261L | |  |
| CA\_n48B-n66A-n261M | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261M | |  |
| CA\_n48B-n66A-n261(A-G) | CA\_n48A-n261A/G  CA\_n66A-n261A/G | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(A-G) | |  |
| CA\_n48B-n66A-n261(A-H) | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(A-H) | |  |
| CA\_n48B-n66A-n261(A-I) | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(A-I) | |  |
| CA\_n48B-n66A-n261(G-H) | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(G-H) | |  |
| CA\_n48B-n66A-n261(2A-G) | CA\_n48A-n261A/G  CA\_n66A-n261A/G | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(2A-G) | |  |
| CA\_n48B-n66A-n261(2A-H) | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(2A-H) | |  |
| CA\_n48B-n66A-n261(A-2G) | CA\_n48A-n261A/G  CA\_n66A-n261A/G | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(A-2G) | |  |
| CA\_n48B-n66A-n261(A-G-H) | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(A-G-H) | |  |
| CA\_n48B-n66A-n261(2A) | CA\_n48A-n261A  CA\_n66A-n261A | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(2A) | |  |
| CA\_n48B-n66A-n261(3A) | CA\_n48A-n261A  CA\_n66A-n261A | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(3A) | |  |
| CA\_n48B-n66A-n261(2G) | CA\_n48A-n261A/G  CA\_n66A-n261A/G | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(2G) | |  |
| CA\_n48B-n66A-n261(2H) | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(2H) | |  |
| CA\_n48B-n66A-n261(G-I) | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(G-I) | |  |
| CA\_n48B-n66A-n261(H-I) | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(H-I) | |  |
| CA\_n48B-n66A-n261(2A-I) | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(2A-I) | |  |
| CA\_n48B-n66A-n261(A-G-I) | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48B\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(A-G-I) | |  |
| CA\_n48(2A)-n66A-n261A | CA\_n48A-n261A  CA\_n66A-n261A | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | 50, 100, 200, 400 | |  |
| CA\_n48(2A)-n66A-n261G | CA\_n48A-n261A/G  CA\_n66A-n261A/G | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261G | |  |
| CA\_n48(2A)-n66A-n261H | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261H | |  |
| CA\_n48(2A)-n66A-n261I | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261I | |  |
| CA\_n48(2A)-n66A-n261J | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261J | |  |
| CA\_n48(2A)-n66A-n261K | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261K | |  |
| CA\_n48(2A)-n66A-n261L | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261L | |  |
| CA\_n48(2A)-n66A-n261M | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261M | |  |
| CA\_n48(2A)-n66A-n261(A-G) | CA\_n48A-n261A/G  CA\_n66A-n261A/G | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(A-G) | |  |
| CA\_n48(2A)-n66A-n261(A-H) | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(A-H) | |  |
| CA\_n48(2A)-n66A-n261(A-I) | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(A-I) | |  |
| CA\_n48(2A)-n66A-n261(G-H) | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(G-H) | |  |
| CA\_n48(2A)-n66A-n261(2A-G) | CA\_n48A-n261A/G  CA\_n66A-n261A/G | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(2A-G) | |  |
| CA\_n48(2A)-n66A-n261(2A-H) | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(2A-H) | |  |
| CA\_n48(2A)-n66A-n261(A-2G) | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(A-2G) | |  |
| CA\_n48(2A)-n66A-n261(A-G-H) | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(A-G-H) | |  |
| CA\_n48(2A)-n66A-n261(2A) | CA\_n48A-n261A  CA\_n66A-n261A | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(2A) | |  |
| CA\_n48(2A)-n66A-n261(3A) | CA\_n48A-n261A  CA\_n66A-n261A | n48 | | CA\_n48(2A) | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(3A) | |  |
| CA\_n48(2A)-n66A-n261(2G) | CA\_n48A-n261A/G  CA\_n66A-n261A/G | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(2G) | |  |
| CA\_n48(2A)-n66A-n261(2H) | CA\_n48A-n261A/G/H  CA\_n66A-n261A/G/H | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(2H) | |  |
| CA\_n48(2A)-n66A-n261(G-I) | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(G-I) | |  |
| CA\_n48(2A)-n66A-n261(H-I) | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(H-I) | |  |
| CA\_n48(2A)-n66A-n261(2A-I) | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(2A-I) | |  |
| CA\_n48(2A)-n66A-n261(A-G-I) | CA\_n48A-n261A/G/H/I  CA\_n66A-n261A/G/H/I | n48 | | CA\_n48(2A)\_BCS1 | | 0 |
|  |  | n66 | | 5, 10, 15, 20, 40 | |  |
|  |  | n261 | | CA\_n261(A-G-I) | |  |
| CA\_n48A-n77A-n260A | CA\_n48A-n260A  CA\_n77A-n260A | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n260 | | 50, 100, 200, 400 | |  |
| CA\_n48A-n77A-n260G | CA\_n48A-n260A/G  CA\_n77A-n260A/G | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n260 | | CA\_n260G | |  |
| CA\_n48A-n77A-n260H | CA\_n48A-n260A/G/H  CA\_n77A-n260A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n260 | | CA\_n260H | |  |
| CA\_n48A-n77A-n260I | CA\_n48A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n260 | | CA\_n260I | |  |
| CA\_n48A-n77A-n260J | CA\_n48A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n260 | | CA\_n260J | |  |
| CA\_n48A-n77A-n260K | CA\_n48A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n260 | | CA\_n260K | |  |
| CA\_n48A-n77A-n260L | CA\_n48A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n260 | | CA\_n260L | |  |
| CA\_n48A-n77A-n260M | CA\_n48A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | |  |
|  |  | n260 | | CA\_n260M | |  |
| CA\_n48A-n77C-n260A | CA\_n48A-n260A  CA\_n77A-n260A | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n260 | | 50, 100, 200, 400 | |  |
| CA\_n48A-n77C-n260G | CA\_n48A-n260A/G  CA\_n77A-n260A/G | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n260 | | CA\_n260G | |  |
| CA\_n48A-n77C-n260H | CA\_n48A-n260A/G/H  CA\_n77A-n260A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n260 | | CA\_n260H | |  |
| CA\_n48A-n77C-n260I | CA\_n48A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n260 | | CA\_n260I | |  |
| CA\_n48A-n77C-n260J | CA\_n48A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n260 | | CA\_n260J | |  |
| CA\_n48A-n77C-n260K | CA\_n48A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n260 | | CA\_n260K | |  |
| CA\_n48A-n77C-n260L | CA\_n48A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n260 | | CA\_n260L | |  |
| CA\_n48A-n77C-n260M | CA\_n48A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n260 | | CA\_n260M | |  |
| CA\_n48A-n77A-n261A | CA\_n48A-n261A  CA\_n77A-n261A | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | 50, 100, 200, 400 | |  |
| CA\_n48A-n77A-n261G | CA\_n48A-n261A/G  CA\_n77A-n261A/G | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261G | |  |
| CA\_n48A-n77A-n261H | CA\_n48A-n261A/G/H  CA\_n77A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261H | |  |
| CA\_n48A-n77A-n261I | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261I | |  |
| CA\_n48A-n77A-n261J | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261J | |  |
| CA\_n48A-n77A-n261K | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261K | |  |
| CA\_n48A-n77A-n261L | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261L | |  |
| CA\_n48A-n77A-n261M | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261M | |  |
| CA\_n48A-n77A-n261(A-G) | CA\_n48A-n261A/G  CA\_n77A-n261A/G | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(A-G) | |  |
| CA\_n48A-n77A-n261(A-H) | CA\_n48A-n261A/G/H  CA\_n77A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(A-H) | |  |
| CA\_n48A-n77A-n261(A-I) | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(A-I) | |  |
| CA\_n48A-n77A-n261(G-H) | CA\_n48A-n261A/G/H  CA\_n77A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(G-H) | |  |
| CA\_n48A-n77A-n261(2A) | CA\_n48A-n261A  CA\_n77A-n261A | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(2A) | |  |
| CA\_n48A-n77A-n261(3A) | CA\_n48A-n261A  CA\_n77A-n261A | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(3A) | |  |
| CA\_n48A-n77A-n261(2G) | CA\_n48A-n261A/G/H  CA\_n77A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(2G) | |  |
| CA\_n48A-n77A-n261(2H) | CA\_n48A-n261A/G/H  CA\_n77A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(2H) | |  |
| CA\_n48A-n77A-n261(2A-G) | CA\_n48A-n261A/G/H  CA\_n77A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(2A-G) | |  |
| CA\_n48A-n77A-n261(2A-H) | CA\_n48A-n261A/G/H  CA\_n77A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(2A-H) | |  |
| CA\_n48A-n77A-n261(A-2G) | CA\_n48A-n261A/G/H  CA\_n77A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(A-2G) | |  |
| CA\_n48A-n77A-n261(A-G-H) | CA\_n48A-n261A/G/H  CA\_n77A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(A-G-H) | |  |
| CA\_n48A-n77A-n261(G-I) | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(G-I) | |  |
| CA\_n48A-n77A-n261(H-I) | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(H-I) | |  |
| CA\_n48A-n77A-n261(2A-I) | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(2A-I) | |  |
| CA\_n48A-n77A-n261(A-G-I) | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(A-G-I) | |  |
| CA\_n48A-n77C-n261A | CA\_n48A-n261A  CA\_n77A-n261A | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | 50, 100, 200, 400 | |  |
| CA\_n48A-n77C-n261G | CA\_n48A-n261A/G  CA\_n77A-n261A/G | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261G | |  |
| CA\_n48A-n77C-n261H | CA\_n48A-n261A/G/H  CA\_n77A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261H | |  |
| CA\_n48A-n77C-n261I | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261I | |  |
| CA\_n48A-n77C-n261J | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261J | |  |
| CA\_n48A-n77C-n261K | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261K | |  |
| CA\_n48A-n77C-n261L | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261L | |  |
| CA\_n48A-n77C-n261M | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261M | |  |
| CA\_n48A-n77C-n261(A-G) | CA\_n48A-n261A/G  CA\_n77A-n261A/G | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(A-G) | |  |
| CA\_n48A-n77C-n261(A-H) | CA\_n48A-n261A/G/H  CA\_n77A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(A-H) | |  |
| CA\_n48A-n77C-n261(A-I) | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(A-I) | |  |
| CA\_n48A-n77C-n261(G-H) | CA\_n48A-n261A/G/H  CA\_n77A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(G-H) | |  |
| CA\_n48A-n77C-n261(2A) | CA\_n48A-n261A  CA\_n77A-n261A | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(2A) | |  |
| CA\_n48A-n77C-n261(3A) | CA\_n48A-n261A  CA\_n77A-n261A | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(3A) | |  |
| CA\_n48A-n77C-n261(2G) | CA\_n48A-n261A/G  CA\_n77A-n261A/G | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(2G) | |  |
| CA\_n48A-n77C-n261(2H) | CA\_n48A-n261A/G/H  CA\_n77A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(2H) | |  |
| CA\_n48A-n77C-n261(2A-G) | CA\_n48A-n261A/G  CA\_n77A-n261A/G | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(2A-G) | |  |
| CA\_n48A-n77C-n261(2A-H) | CA\_n48A-n261A/G/H  CA\_n77A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(2A-H) | |  |
| CA\_n48A-n77C-n261(A-2G) | CA\_n48A-n261A/G  CA\_n77A-n261A/G | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(A-2G) | |  |
| CA\_n48A-n77C-n261(A-G-H) | CA\_n48A-n261A/G/H  CA\_n77A-n261A/G/H | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(A-G-H) | |  |
| CA\_n48A-n77C-n261(G-I) | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(G-I) | |  |
| CA\_n48A-n77C-n261(H-I) | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(H-I) | |  |
| CA\_n48A-n77C-n261(2A-I) | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(2A-I) | |  |
| CA\_n48A-n77C-n261(A-G-I) | CA\_n48A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n48 | | 5, 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(A-G-I) | |  |
| CA\_n66A-n77A-n260A | CA\_n66A-n77A  CA\_n77A-n260A  CA\_n66A-n260A | n66 | | 5, 10, 15, 20, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
| n260 | | 50, 100, 200, 400 | |  |
| n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n260 | | 50, 100, 200, 400 | |  |
| CA\_n66A-n77A-n260G | CA\_n66A-n77A  CA\_n66A-n260A/G  CA\_n77A-n260A/G | n66 | | 5, 10, 15, 20, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n260 | | CA\_n260G | |  |
|  |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n260 | | CA\_n260G | |  |
| CA\_n66A-n77A-n260H | CA\_n66A-n77A  CA\_n66A-n260A/G/H  CA\_n77A-n260A/G/H | n66 | | 5, 10, 15, 20, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n260 | | CA\_n260H | |  |
|  |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n260 | | CA\_n260H | |  |
| CA\_n66A-n77A-n260I | CA\_n66A-n77A  CA\_n66A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | n66 | | 5, 10, 15, 20, 40 | | 0 |
| n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
| n260 | | CA\_n260I | |  |
| n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n260 | | CA\_n260I | |  |
| CA\_n66A-n77A-n260J | CA\_n66A-n77A  CA\_n66A-n260A/G/H/I/J  CA\_n77A-n260A/G/H/I/J | n66 | | 5, 10, 15, 20, 40 | | 0 |
| n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
| n260 | | CA\_n260J | |  |
| n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n260 | | CA\_n260J | |  |
| CA\_n66A-n77A-n260K | CA\_n66A-n77A  CA\_n66A-n260A/G/H/I/J/K  CA\_n77A-n260A/G/H/I/J/K | n66 | | 5, 10, 15, 20, 40 | | 0 |
| n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
| n260 | | CA\_n260K | |  |
| n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n260 | | CA\_n260K | |  |
| CA\_n66A-n77A-n260L | CA\_n66A-n77A  CA\_n66A-n260A/G/H/I/J/K/L  CA\_n77A-n260A/G/H/I/J/K/L | n66 | | 5, 10, 15, 20, 40 | | 0 |
| n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
| n260 | | CA\_n260L | |  |
| n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n260 | | CA\_n260L | |  |
| CA\_n66A-n77A-n260M | CA\_n66A-n77A  CA\_n66A-n260A/G/H/I/J/K/L/M  CA\_n77A-n260A/G/H/I/J/K/L/M | n66 | | 5, 10, 15, 20, 40 | | 0 |
| n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
| n260 | | CA\_n260M | |  |
| n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n260 | | CA\_n260M | |  |
| CA\_n66A-n77(2A)-n260A | CA\_n66A-n77A  CA\_n66A-n260A  CA\_n77(2A)  CA\_n77A-n260A | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77(2A) | |  |
|  |  | n260 | | 50, 100, 200, 400 | |  |
|  |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | CA\_n77(2A)\_BCS1 | |  |
|  |  | n260 | | 50, 100, 200, 400 | |  |
| CA\_n66A-n77(2A)-n260G | CA\_n66A-n77A  CA\_n66A-n260A/G  CA\_n77(2A)  CA\_n77A-n260A/G | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77(2A) | |  |
|  |  | n260 | | CA\_n260G | |  |
|  |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | CA\_n77(2A)\_BCS1 | |  |
|  |  | n260 | | CA\_n260G | |  |
| CA\_n66A-n77(2A)-n260H | CA\_n66A-n77A  CA\_n66A-n260A/G/H  CA\_n77(2A)  CA\_n77A-n260A/G/H | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77(2A) | |  |
|  |  | n260 | | CA\_n260H | |  |
|  |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | CA\_n77(2A)\_BCS1 | |  |
|  |  | n260 | | CA\_n260H | |  |
| CA\_n66A-n77(2A)-n260I | CA\_n66A-n77A  CA\_n66A-n260A/G/H/I  CA\_n77(2A)  CA\_n77A-n260A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77(2A) | |  |
|  |  | n260 | | CA\_n260I | |  |
|  |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | CA\_n77(2A)\_BCS1 | |  |
|  |  | n260 | | CA\_n260I | |  |
| CA\_n66A-n77(2A)-n260J | CA\_n66A-n77A  CA\_n66A-n260A/G/H/I/J  CA\_n77(2A)  CA\_n77A-n260A/G/H/I/J | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77(2A) | |  |
|  |  | n260 | | CA\_n260J | |  |
|  |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | CA\_n77(2A)\_BCS1 | |  |
|  |  | n260 | | CA\_n260J | |  |
| CA\_n66A-n77(2A)-n260K | CA\_n66A-n77A  CA\_n66A-n260A/G/H/I/J/K  CA\_n77(2A)  CA\_n77A-n260A/G/H/I/J/K | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77(2A) | |  |
|  |  | n260 | | CA\_n260K | |  |
|  |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | CA\_n77(2A)\_BCS1 | |  |
|  |  | n260 | | CA\_n260K | |  |
| CA\_n66A-n77(2A)-n260L | CA\_n66A-n77A  CA\_n66A-n260A/G/H/I/J/K/L  CA\_n77(2A)  CA\_n77A-n260A/G/H/I/J/K/L | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77(2A) | |  |
|  |  | n260 | | CA\_n260L | |  |
|  |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | CA\_n77(2A)\_BCS1 | |  |
|  |  | n260 | | CA\_n260L | |  |
| CA\_n66A-n77(2A)-n260M | CA\_n66A-n77A  CA\_n66A-n260A/G/H/I/J/K/L/M  CA\_n77(2A)  CA\_n77A-n260A/G/H/I/J/K/L/M | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77(2A) | |  |
|  |  | n260 | | CA\_n260M | |  |
|  |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | CA\_n77(2A)\_BCS1 | |  |
|  |  | n260 | | CA\_n260M | |  |
| CA\_n66A-n77C-n260A | CA\_n66A-n260A  CA\_n77A-n260A | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n260 | | CA\_n260A | |  |
| CA\_n66A-n77C-n260G | CA\_n66A-n260A/G  CA\_n77A-n260A/G | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n260 | | CA\_n260G | |  |
| CA\_n66A-n77C-n260H | CA\_n66A-n260A/G/H  CA\_n77A-n260A/G/H | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n260 | | CA\_n260H | |  |
| CA\_n66A-n77C-n260I | CA\_n66A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n260 | | CA\_n260I | |  |
| CA\_n66A-n77C-n260J | CA\_n66A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n260 | | CA\_n260J | |  |
| CA\_n66A-n77C-n260K | CA\_n66A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n260 | | CA\_n260K | |  |
| CA\_n66A-n77C-n260L | CA\_n66A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n260 | | CA\_n260L | |  |
| CA\_n66A-n77C-n260M | CA\_n66A-n260A/G/H/I  CA\_n77A-n260A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n260 | | CA\_n260M | |  |
| CA\_n66A-n77A-n261A | CA\_n77A-n261A  CA\_n66A-n261A | n66 | | 5, 10, 15, 20, 40 | | 0 |
| n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
| n261 | | 50, 100, 200, 400 | |  |
| n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | 50, 100, 200, 400 | |  |
| CA\_n66A-n77A-n261G | CA\_n66A-n261A/G  CA\_n77A-n261A/G | n66 | | 5, 10, 15, 20, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261G | |  |
|  |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261G | |  |
| CA\_n66A-n77A-n261H | CA\_n66A-n261A/G/H  CA\_n77A-n261A/G/H | n66 | | 5, 10, 15, 20, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261H | |  |
|  |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261H | |  |
| CA\_n66A-n77A-n261I | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 40 | | 0 |
| n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
| n261 | | CA\_n261I | |  |
| n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261I | |  |
| CA\_n66A-n77A-n261J | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 40 | | 0 |
| n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
| n261 | | CA\_n261J | |  |
| n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261J | |  |
| CA\_n66A-n77A-n261K | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 40 | | 0 |
| n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
| n261 | | CA\_n261K | |  |
| n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261K | |  |
| CA\_n66A-n77A-n261L | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 40 | | 0 |
| n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
| n261 | | CA\_n261L | |  |
| n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261L | |  |
| CA\_n66A-n77A-n261M | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 40 | | 0 |
| n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
| n261 | | CA\_n261M | |  |
|  |  | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 1 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261M | |  |
| CA\_n66A-n77A-n261(2A) | CA\_n66A-n261A  CA\_n77A-n261A | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(2A) | |  |
| CA\_n66A-n77A-n261(3A) | CA\_n66A-n261A  CA\_n77A-n261A | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(3A) | |  |
| CA\_n66A-n77A-n261(A-G) | CA\_n66A-n261A/G  CA\_n77A-n261A/G | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(A-G) | |  |
| CA\_n66A-n77A-n261(A-H) | CA\_n66A-n261A/G/H  CA\_n77A-n261A/G/H | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(A-H) | |  |
| CA\_n66A-n77A-n261(G-H) | CA\_n66A-n261A/G/H  CA\_n77A-n261A/G/H | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(G-H) | |  |
| CA\_n66A-n77A-n261(2A-G) | CA\_n66A-n261A/G  CA\_n77A-n261A/G | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(2A-G) | |  |
| CA\_n66A-n77A-n261(2A-H) | CA\_n66A-n261A/G/H  CA\_n77A-n261A/G/H | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(2A-H) | |  |
| CA\_n66A-n77A-n261(A-2G) | CA\_n66A-n261A/G  CA\_n77A-n261A/G | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(A-2G) | |  |
| CA\_n66A-n77A-n261(A-G-H) | CA\_n66A-n261A/G/H  CA\_n77A-n261A/G/H | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(A-G-H) | |  |
| CA\_n66A-n77A-n261(A-I) | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(A-I) | |  |
| CA\_n66A-n77A-n261(G-I) | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(G-I) | |  |
| CA\_n66A-n77A-n261(2G) | CA\_n66A-n261A/G  CA\_n77A-n261A/G | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(2G) | |  |
| CA\_n66A-n77A-n261(2H) | CA\_n66A-n261A/G/H  CA\_n77A-n261A/G/H | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(2H) | |  |
| CA\_n66A-n77A-n261(2A-I) | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(2A-I) | |  |
| CA\_n66A-n77A-n261(A-G-I) | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(A-G-I) | |  |
| CA\_n66A-n77A-n261(H-I) | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n261 | | CA\_n261(H-I) | |  |
| CA\_n66A-n77C-n261A | CA\_n66A-n261A  CA\_n77A-n261A | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261A | |  |
| CA\_n66A-n77C-n261G | CA\_n66A-n261A/G  CA\_n77A-n261A/G | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261G | |  |
| CA\_n66A-n77C-n261H | CA\_n66A-n261A/G/H  CA\_n77A-n261A/G/H | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261H | |  |
| CA\_n66A-n77C-n261I | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261I | |  |
| CA\_n66A-n77C-n261J | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261J | |  |
| CA\_n66A-n77C-n261K | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261K | |  |
| CA\_n66A-n77C-n261L | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261L | |  |
| CA\_n66A-n77C-n261M | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261M | |  |
| CA\_n66A-n77C-n261(A-G) | CA\_n66A-n261A/G  CA\_n77A-n261A/G | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(A-G) | |  |
| CA\_n66A-n77C-n261(A-H) | CA\_n66A-n261A/G/H  CA\_n77A-n261A/G/H | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(A-H) | |  |
| CA\_n66A-n77C-n261(G-H) | CA\_n66A-n261A/G/H  CA\_n77A-n261A/G/H | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(G-H) | |  |
| CA\_n66A-n77C-n261(2A-G) | CA\_n66A-n261A/G  CA\_n77A-n261A/G | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(2A-G) | |  |
| CA\_n66A-n77C-n261(2A-H) | CA\_n66A-n261A/G/H  CA\_n77A-n261A/G/H | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(2A-H) | |  |
| CA\_n66A-n77C-n261(A-2G) | CA\_n66A-n261A/G/H  CA\_n77A-n261A/G/H | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(A-2G) | |  |
| CA\_n66A-n77C-n261(A-G-H) | CA\_n66A-n261A/G/H  CA\_n77A-n261A/G/H | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(A-G-H) | |  |
| CA\_n66A-n77C-n261(A-I) | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(A-I) | |  |
| CA\_n66A-n77C-n261(G-I) | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(G-I) | |  |
| CA\_n66A-n77C-n261(2A) | CA\_n66A-n261A  CA\_n77A-n261A | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(2A) | |  |
| CA\_n66A-n77C-n261(3A) | CA\_n66A-n261A  CA\_n77A-n261A | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(3A) | |  |
| CA\_n66A-n77C-n261(2G) | CA\_n66A-n261A/G  CA\_n77A-n261A/G | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(2G) | |  |
| CA\_n66A-n77C-n261(2H) | CA\_n66A-n261A/G/H  CA\_n77A-n261A/G/H | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(2H) | |  |
| CA\_n66A-n77C-n261(H-I) | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(H-I) | |  |
| CA\_n66A-n77C-n261(2A-I) | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(2A-I) | |  |
| CA\_n66A-n77C-n261(A-G-I) | CA\_n66A-n261A/G/H/I  CA\_n77A-n261A/G/H/I | n66 | | 5, 10, 15, 20, 25, 30, 40 | | 0 |
|  |  | n77 | | CA\_n77C\_BCS1 | |  |
|  |  | n261 | | CA\_n261(A-G-I) | |  |
| CA\_n77A-n79A-n257A | CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | 50, 100, 200, 400 | |  |
| CA\_n77A-n79A-n257G | CA\_n257G  CA\_n77A-n79A  CA\_n77A-n257A/G  CA\_n79A-n257A/G | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n77A-n79A-n257H | CA\_n257G/H  CA\_n77A-n79A  CA\_n77A-n257A/G/H  CA\_n79A-n257A/G/H | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | CA\_n257H | |  |
| CA\_n77A-n79A-n257I | CA\_n257G/H/I  CA\_n77A-n79A  CA\_n77A-n257A/G/H/I  CA\_n79A-n257A/G/H/I | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | CA\_n257I | |  |
| CA\_n77(2A)-n79A-n257A | CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n77 | | CA\_n77(2A) | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | 50, 100, 200, 400 | |  |
| CA\_n77(2A)-n79A-n257G | CA\_n257G  CA\_n77A-n79A  CA\_n77A-n257A/G  CA\_n79A-n257A/G | n77 | | CA\_n77(2A) | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n77(2A)-n79A-n257H | CA\_n257G/H  CA\_n77A-n79A  CA\_n77A-n257A/G/H  CA\_n79A-n257A/G/H | n77 | | CA\_n77(2A) | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | CA\_n257H | |  |
| CA\_n77(2A)-n79A-n257I | CA\_n257G/H/I  CA\_n77A-n79A  CA\_n77A-n257A/G/H/I  CA\_n79A-n257A/G/H/I | n77 | | CA\_n77(2A) | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | CA\_n257I | |  |
| CA\_n77(3A)-n79A-n257A | CA\_n77A-n79A  CA\_n77A-n257A  CA\_n79A-n257A | n77 | | CA\_n77(3A) | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | 50, 100, 200, 400 | |  |
| CA\_n77(3A)-n79A-n257G | CA\_n77A-n79A  CA\_n77A-n257A/G  CA\_n79A-n257A/G | n77 | | CA\_n77(3A) | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n77(3A)-n79A-n257H | CA\_n77A-n79A  CA\_n77A-n257A/G/H  CA\_n79A-n257A/G/H | n77 | | CA\_n77(3A) | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | CA\_n257H | |  |
| CA\_n77(3A)-n79A-n257I | CA\_n77A-n79A  CA\_n77A-n257A/G/H/I  CA\_n79A-n257A/G/H/I | n77 | | CA\_n77(3A) | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | CA\_n257I | |  |
| CA\_n77A-n79A-n258A | CA\_n77A-n79A  CA\_n77A-n258A  CA\_n79A-n258A | n77 | | 10, 15, 20, 40, 50, 60, 80, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | 50, 100, 200, 400 | |  |
| CA\_n77A-n79A-n258D | CA\_n77A-n79A  CA\_n77A-n258A/D  CA\_n79A-n258A/D | n77 | | 10, 15, 20, 40, 50, 60, 80, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258D | |  |
| CA\_n77A-n79A-n258G | CA\_n77A-n79A  CA\_n77A-n258A/G  CA\_n79A-n258A/G | n77 | | 10, 15, 20, 40, 50, 60, 80, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258G | |  |
| CA\_n77A-n79A-n258H | CA\_n77A-n79A  CA\_n77A-n258A/G/H  CA\_n79A-n258A/G/H | n77 | | 10, 15, 20, 40, 50, 60, 80, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258H | |  |
| CA\_n77A-n79A-n258I | CA\_n77A-n79A  CA\_n77A-n258A/G/H/I  CA\_n79A-n258A/G/H/I | n77 | | 10, 15, 20, 40, 50, 60, 80, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258I | |  |
| CA\_n77A-n79A-n258J | CA\_n77A-n79A  CA\_n77A-n258A/G/H/I/J  CA\_n79A-n258A/G/H/I/J | n77 | | 10, 15, 20, 40, 50, 60, 80, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258J | |  |
| CA\_n77(2A)-n79A-n258A | CA\_n77A-n79A  CA\_n77A-n258A  CA\_n79A-n258A | n77 | | CA\_n77(2A) | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | 50, 100, 200, 400 | |  |
| CA\_n77(2A)-n79A-n258D | CA\_n77A-n79A  CA\_n77A-n258A/D  CA\_n79A-n258A/D | n77 | | CA\_n77(2A) | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258D | |  |
| CA\_n77(2A)-n79A-n258G | CA\_n77A-n79A  CA\_n77A-n258A/G  CA\_n79A-n258A/G | n77 | | CA\_n77(2A) | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258G | |  |
| CA\_n77(2A)-n79A-n258H | CA\_n77A-n79A  CA\_n77A-n258A/G/H  CA\_n79A-n258A/G/H | n77 | | CA\_n77(2A) | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258H | |  |
| CA\_n77(2A)-n79A-n258I | CA\_n77A-n79A  CA\_n77A-n258A/G/H/I  CA\_n79A-n258A/G/H/I | n77 | | CA\_n77(2A) | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258I | |  |
| CA\_n77(2A)-n79A-n258J | CA\_n77A-n79A  CA\_n77A-n258A/G/H/I/J  CA\_n79A-n258A/G/H/I/J | n77 | | CA\_n77(2A) | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n258 | | CA\_n258J | |  |
| CA\_n77A-n79A-n259A | CA\_n77A-n79A  CA\_n77A-n259A  CA\_n79A-n259A | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n259 | | 50, 100, 200, 400 | |  |
| CA\_n77A-n79A-n259G | CA\_n259G  CA\_n77A-n79A  CA\_n77A-n259A/G  CA\_n79A-n259A/G | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n259 | | CA\_n259G | |  |
| CA\_n77A-n79A-n259H | CA\_n259G/H  CA\_n77A-n79A  CA\_n77A-n259A/G/H  CA\_n79A-n259A/G/H | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n259 | | CA\_n259H | |  |
| CA\_n77A-n79A-n259I | CA\_n259G/H/I  CA\_n77A-n79A  CA\_n77A-n259A/G/H/I  CA\_n79A-n259A/G/H/I | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n259 | | CA\_n259I | |  |
| CA\_n77A-n79A-n259J | CA\_n259G/H/I/J  CA\_n77A-n79A  CA\_n77A-n259A/G/H/I/J  CA\_n79A-n259A/G/H/I/J | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n259 | | CA\_n259J | |  |
| CA\_n77A-n79A-n259K | CA\_n259G/H/I/J/K  CA\_n77A-n79A  CA\_n77A-n259A/G/H/I/J/K  CA\_n79A-n259A/G/H/I/J/K | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n259 | | CA\_n259K | |  |
| CA\_n77A-n79A-n259L | CA\_n259G/H/I/J/K/L  CA\_n77A-n79A  CA\_n77A-n259A/G/H/I/J/K/L  CA\_n79A-n259A/G/H/I/J/K/L | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n259 | | CA\_n259L | |  |
| CA\_n77A-n79A-n259M | CA\_n259G/H/I/J/K/L/M  CA\_n77A-n79A  CA\_n77A-n259A/G/H/I/J/K/L/M  CA\_n79A-n259A/G/H/I/J/K/L/M | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n259 | | CA\_n259M | |  |
| CA\_n77A-n257A-n259A | CA\_n77A-n257A  CA\_n77A-n259A | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | 50, 100, 200, 400 | |  |
| CA\_n77A-n257A-n259G | CA\_n259G  CA\_n77A-n257A  CA\_n77A-n259A/G | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259G | |  |
| CA\_n77A-n257A-n259H | CA\_n259G/H  CA\_n77A-n257A  CA\_n77A-n259A/G/H | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259H | |  |
| CA\_n77A-n257A-n259I | CA\_n259G/H/I  CA\_n77A-n257A  CA\_n77A-n259A/G/H/I | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259I | |  |
| CA\_n77A-n257A-n259J | CA\_n259G/H/I/J  CA\_n77A-n257A  CA\_n77A-n259A/G/H/I/J | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259J | |  |
| CA\_n77A-n257A-n259K | CA\_n259G/H/I/J/K  CA\_n77A-n257A  CA\_n77A-n259A/G/H/I/J/K | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259K | |  |
| CA\_n77A-n257A-n259L | CA\_n259G/H/I/J/K/L  CA\_n77A-n257A  CA\_n77A-n259A/G/H/I/J/K/L | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259L | |  |
| CA\_n77A-n257A-n259M | CA\_n259G/H/I/J/K/L/M  CA\_n77A-n257A  CA\_n77A-n259A/G/H/I/J/K/L/M | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259M | |  |
| CA\_n77A-n257G-n259A | CA\_n257G  CA\_n77A-n257A/G  CA\_n77A-n259A | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | 50, 100, 200, 400 | |  |
| CA\_n77A-n257G-n259G | CA\_n257G  CA\_n259G  CA\_n77A-n257A/G  CA\_n77A-n259A/G | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259G | |  |
| CA\_n77A-n257G-n259H | CA\_n257G  CA\_n259G/H  CA\_n77A-n257A/G  CA\_n77A-n259A/G/H | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259H | |  |
| CA\_n77A-n257G-n259I | CA\_n257G  CA\_n259G/H/I  CA\_n77A-n257A/G  CA\_n77A-n259A/G/H/I | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259I | |  |
| CA\_n77A-n257G-n259J | CA\_n257G  CA\_n259G/H/I/J  CA\_n77A-n257A/G  CA\_n77A-n259A/G/H/I/J | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259J | |  |
| CA\_n77A-n257G-n259K | CA\_n257G  CA\_n259G/H/I/J/K  CA\_n77A-n257A/G  CA\_n77A-n259A/G/H/I/J/K | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259K | |  |
| CA\_n77A-n257G-n259L | CA\_n257G  CA\_n259G/H/I/J/K/L  CA\_n77A-n257A/G  CA\_n77A-n259A/G/H/I/J/K/L | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259L | |  |
| CA\_n77A-n257G-n259M | CA\_n257G  CA\_n259G/H/I/J/K/L/M  CA\_n77A-n257A/G  CA\_n77A-n259A/G/H/I/J/K/L/M | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259M | |  |
| CA\_n77A-n257H-n259A | CA\_n257G/H  CA\_n77A-n257A/G/H  CA\_n77A-n259A | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | 50, 100, 200, 400 | |  |
| CA\_n77A-n257H-n259G | CA\_n257G/H  CA\_n259G  CA\_n77A-n257A/G/H  CA\_n77A-n259A/G | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259G | |  |
| CA\_n77A-n257H-n259H | CA\_n257G/H  CA\_n259G/H  CA\_n77A-n257A/G/H  CA\_n77A-n259A/G/H | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259H | |  |
| CA\_n77A-n257H-n259I | CA\_n257G/H  CA\_n259G/H/I  CA\_n77A-n257A/G/H  CA\_n77A-n259A/G/H/I | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259I | |  |
| CA\_n77A-n257H-n259J | CA\_n257G/H  CA\_n259G/H/I/J  CA\_n77A-n257A/G/H  CA\_n77A-n259A/G/H/I/J | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259J | |  |
| CA\_n77A-n257H-n259K | CA\_n257G/H  CA\_n259G/H/I/J/K  CA\_n77A-n257A/G/H  CA\_n77A-n259A/G/H/I/J/K | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259K | |  |
| CA\_n77A-n257H-n259L | CA\_n257G/H  CA\_n259G/H/I/J/K/L  CA\_n77A-n257A/G/H  CA\_n77A-n259A/G/H/I/J/K/L | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259L | |  |
| CA\_n77A-n257H-n259M | CA\_n257G/H  CA\_n259G/H/I/J/K/L/M  CA\_n77A-n257A/G/H  CA\_n77A-n259A/G/H/I/J/K/L/M | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259M | |  |
| CA\_n77A-n257I-n259A | CA\_n257G/H/I  CA\_n77A-n257A/G/H/I  CA\_n77A-n259A | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | 50, 100, 200, 400 | |  |
| CA\_n77A-n257I-n259G | CA\_n257G/H/I  CA\_n259G  CA\_n77A-n257A/G/H/I  CA\_n77A-n259A/G | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259G | |  |
| CA\_n77A-n257I-n259H | CA\_n257G/H/I  CA\_n259G/H  CA\_n77A-n257A/G/H/I  CA\_n77A-n259A/G/H | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259H | |  |
| CA\_n77A-n257I-n259I | CA\_n257G/H/I  CA\_n259G/H/I  CA\_n77A-n257A/G/H/I  CA\_n77A-n259A/G/H/I | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259I | |  |
| CA\_n77A-n257I-n259J | CA\_n257G/H/I  CA\_n259G/H/I/J  CA\_n77A-n257A/G/H/I  CA\_n77A-n259A/G/H/I/J | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259J | |  |
| CA\_n77A-n257I-n259K | CA\_n257G/H/I  CA\_n259G/H/I/J/K  CA\_n77A-n257A/G/H/I  CA\_n77A-n259A/G/H/I/J/K | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259K | |  |
| CA\_n77A-n257I-n259L | CA\_n257G/H/I  CA\_n259G/H/I/J/K/L  CA\_n77A-n257A/G/H/I  CA\_n77A-n259A/G/H/I/J/K/L | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259L | |  |
| CA\_n77A-n257I-n259M | CA\_n257G/H/I  CA\_n259G/H/I/J/K/L/M  CA\_n77A-n257A/G/H/I  CA\_n77A-n259A/G/H/I/J/K/L/M | n77 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259M | |  |
| CA\_n78A-n79A-n257A | CA\_n78A-n79A  CA\_n78A-n257A  CA\_n79A-n257A | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | 50, 100, 200, 400 | |  |
| CA\_n78A-n79A-n257G | CA\_n257G  CA\_n78A-n79A  CA\_n78A-n257A/G  CA\_n79A-n257A/G | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n78A-n79A-n257H | CA\_n257G/H  CA\_n78A-n79A  CA\_n78A-n257A/G/H  CA\_n79A-n257A/G/H | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | CA\_n257H | |  |
| CA\_n78A-n79A-n257I | CA\_n257G/H/I  CA\_n78A-n79A  CA\_n78A-n257A/G/H/I  CA\_n79A-n257A/G/H/I | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | CA\_n257I | |  |
| CA\_n78(2A)-n79A-n257A | CA\_n78A-n79A  CA\_n78A-n257A  CA\_n79A-n257A | n78 | | CA\_n78(2A) | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | 50, 100, 200, 400 | |  |
| CA\_n78(2A)-n79A-n257G | CA\_n257G  CA\_n78A-n79A  CA\_n78A-n257A/G  CA\_n79A-n257A/G | n78 | | CA\_n78(2A) | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n78(2A)-n79A-n257H | CA\_n257G/H  CA\_n78A-n79A  CA\_n78A-n257A/G/H  CA\_n79A-n257A/G/H | n78 | | CA\_n78(2A) | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | CA\_n257H | |  |
| CA\_n78(2A)-n79A-n257I | CA\_n257G/H/I  CA\_n78A-n79A  CA\_n78A-n257A/G/H/I  CA\_n79A-n257A/G/H/I | n78 | | CA\_n78(2A) | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n257 | | CA\_n257I | |  |
| CA\_n78A-n79A-n259A | CA\_n78A-n79A  CA\_n78A-n259A  CA\_n79A-n259A | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n259 | | 50, 100, 200, 400 | |  |
| CA\_n78A-n79A-n259G | CA\_n259G  CA\_n78A-n79A  CA\_n78A-n259A/G  CA\_n79A-n259A/G | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n259 | | CA\_n259G | |  |
| CA\_n78A-n79A-n259H | CA\_n259G/H  CA\_n78A-n79A  CA\_n78A-n259A/G/H  CA\_n79A-n259A/G/H | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n259 | | CA\_n259H | |  |
| CA\_n78A-n79A-n259I | CA\_n259G/H/I  CA\_n78A-n79A  CA\_n78A-n259A/G/H/I  CA\_n79A-n259A/G/H/I | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n259 | | CA\_n259I | |  |
| CA\_n78A-n79A-n259J | CA\_n259G/H/I/J  CA\_n78A-n79A  CA\_n78A-n259A/G/H/I/J  CA\_n79A-n259A/G/H/I/J | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n259 | | CA\_n259J | |  |
| CA\_n78A-n79A-n259K | CA\_n259G/H/I/J/K  CA\_n78A-n79A  CA\_n78A-n259A/G/H/I/J/K  CA\_n79A-n259A/G/H/I/J/K | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n259 | | CA\_n259K | |  |
| CA\_n78A-n79A-n259L | CA\_n259G/H/I/J/K/L  CA\_n78A-n79A  CA\_n78A-n259A/G/H/I/J/K/L  CA\_n79A-n259A/G/H/I/J/K/L | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n259 | | CA\_n259L | |  |
| CA\_n78A-n79A-n259M | CA\_n259G/H/I/J/K/L/M  CA\_n78A-n79A  CA\_n78A-n259A/G/H/I/J/K/L/M  CA\_n79A-n259A/G/H/I/J/K/L/M | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n79 | | 40, 50, 60, 80, 100 | |  |
|  |  | n259 | | CA\_n259M | |  |
| CA\_n78A-n105A-n257A | CA\_n78A-n105A  CA\_n78A-n257A  CA\_n105A-n257A | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n105 | | 5, 10, 15, 20, 25, 30, 35 | |  |
|  |  | n257 | | 50, 100, 200, 400 | |  |
| CA\_n78A-n105A-n258A | CA\_n78A-n105A  CA\_n78A-n258A  CA\_n105A-n258A | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n105 | | 5, 10, 15, 20, 25, 30, 35 | |  |
|  |  | n258 | | 50, 100, 200, 400 | |  |
| CA\_n78A-n257A-n259A | CA\_n78A-n257A  CA\_n78A-n259A | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | 50, 100, 200, 400 | |  |
| CA\_n78A-n257A-n259G | CA\_n259G  CA\_n78A-n257A  CA\_n78A-n259A/G | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259G | |  |
| CA\_n78A-n257A-n259H | CA\_n259G/H  CA\_n78A-n257A  CA\_n78A-n259A/G/H | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259H | |  |
| CA\_n78A-n257A-n259I | CA\_n259G/H/I  CA\_n78A-n257A  CA\_n78A-n259A/G/H/I | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259I | |  |
| CA\_n78A-n257A-n259J | CA\_n259G/H/I/J  CA\_n78A-n257A  CA\_n78A-n259A/G/H/I/J | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259J | |  |
| CA\_n78A-n257A-n259K | CA\_n259G/H/I/J/K  CA\_n78A-n257A  CA\_n78A-n259A/G/H/I/J/K | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259K | |  |
| CA\_n78A-n257A-n259L | CA\_n259G/H/I/J/K/L  CA\_n78A-n257A  CA\_n78A-n259A/G/H/I/J/K/L | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259L | |  |
| CA\_n78A-n257A-n259M | CA\_n259G/H/I/J/K/L/M  CA\_n78A-n257A  CA\_n78A-n259A/G/H/I/J/K/L/M | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259M | |  |
| CA\_n78A-n257G-n259A | CA\_n257G  CA\_n78A-n257A/G  CA\_n78A-n259A | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | 50, 100, 200, 400 | |  |
| CA\_n78A-n257G-n259G | CA\_n257G  CA\_n259G  CA\_n78A-n257A/G  CA\_n78A-n259A/G | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259G | |  |
| CA\_n78A-n257G-n259H | CA\_n257G  CA\_n259G/H  CA\_n78A-n257A/G  CA\_n78A-n259A/G/H | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259H | |  |
| CA\_n78A-n257G-n259I | CA\_n257G  CA\_n259G/H/I  CA\_n78A-n257A/G  CA\_n78A-n259A/G/H/I | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259I | |  |
| CA\_n78A-n257G-n259J | CA\_n257G  CA\_n259G/H/I/J  CA\_n78A-n257A/G  CA\_n78A-n259A/G/H/I/J | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259J | |  |
| CA\_n78A-n257G-n259K | CA\_n257G  CA\_n259G/H/I/J/K  CA\_n78A-n257A/G  CA\_n78A-n259A/G/H/I/J/K | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259K | |  |
| CA\_n78A-n257G-n259L | CA\_n257G  CA\_n259G/H/I/J/K/L  CA\_n78A-n257A/G  CA\_n78A-n259A/G/H/I/J/K/L | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259L | |  |
| CA\_n78A-n257G-n259M | CA\_n257G  CA\_n259G/H/I/J/K/L/M  CA\_n78A-n257A/G  CA\_n78A-n259A/G/H/I/J/K/L/M | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259M | |  |
| CA\_n78A-n257H-n259A | CA\_n257G/H  CA\_n78A-n257A/G/H  CA\_n78A-n259A | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | 50, 100, 200, 400 | |  |
| CA\_n78A-n257H-n259G | CA\_n257G/H  CA\_n259G  CA\_n78A-n257A/G/H  CA\_n78A-n259A/G | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259G | |  |
| CA\_n78A-n257H-n259H | CA\_n257G/H  CA\_n259G/H  CA\_n78A-n257A/G/H  CA\_n78A-n259A/G/H | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259H | |  |
| CA\_n78A-n257H-n259I | CA\_n257G/H  CA\_n259G/H/I  CA\_n78A-n257A/G/H  CA\_n78A-n259A/G/H/I | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259I | |  |
| CA\_n78A-n257H-n259J | CA\_n257G/H  CA\_n259G/H/I/J  CA\_n78A-n257A/G/H  CA\_n78A-n259A/G/H/I/J | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259J | |  |
| CA\_n78A-n257H-n259K | CA\_n257G/H  CA\_n259G/H/I/J/K  CA\_n78A-n257A/G/H  CA\_n78A-n259A/G/H/I/J/K | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259K | |  |
| CA\_n78A-n257H-n259L | CA\_n257G/H  CA\_n259G/H/I/J/K/L  CA\_n78A-n257A/G/H  CA\_n78A-n259A/G/H/I/J/K/L | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259L | |  |
| CA\_n78A-n257H-n259M | CA\_n257G/H  CA\_n259G/H/I/J/K/L/M  CA\_n78A-n257A/G/H  CA\_n78A-n259A/G/H/I/J/K/L/M | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259M | |  |
| CA\_n78A-n257I-n259A | CA\_n257G/H/I  CA\_n78A-n257A/G/H/I  CA\_n78A-n259A | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | 50, 100, 200, 400 | |  |
| CA\_n78A-n257I-n259G | CA\_n257G/H/I  CA\_n259G  CA\_n78A-n257A/G/H/I  CA\_n78A-n259A/G | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259G | |  |
| CA\_n78A-n257I-n259H | CA\_n257G/H/I  CA\_n259G/H  CA\_n78A-n257A/G/H/I  CA\_n78A-n259A/G/H | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259H | |  |
| CA\_n78A-n257I-n259I | CA\_n257G/H/I  CA\_n259G/H/I  CA\_n78A-n257A/G/H/I  CA\_n78A-n259A/G/H/I | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259I | |  |
| CA\_n78A-n257I-n259J | CA\_n257G/H/I  CA\_n259G/H/I/J  CA\_n78A-n257A/G/H/I  CA\_n78A-n259A/G/H/I/J | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259J | |  |
| CA\_n78A-n257I-n259K | CA\_n257G/H/I  CA\_n259G/H/I/J/K  CA\_n78A-n257A/G/H/I  CA\_n78A-n259A/G/H/I/J/K | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259K | |  |
| CA\_n78A-n257I-n259L | CA\_n257G/H/I  CA\_n259G/H/I/J/K/L  CA\_n78A-n257A/G/H/I  CA\_n78A-n259A/G/H/I/J/K/L | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259L | |  |
| CA\_n78A-n257I-n259M | CA\_n257G/H/I  CA\_n259G/H/I/J/K/L/M  CA\_n78A-n257A/G/H/I  CA\_n78A-n259A/G/H/I/J/K/L/M | n78 | | 10, 15, 20, 40, 50, 60, 80, 90, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259M | |  |
| CA\_n79A-n257A-n259A | CA\_n79A-n257A  CA\_n79A-n259A | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | 50, 100, 200, 400 | |  |
| CA\_n79A-n257A-n259G | CA\_n259G  CA\_n79A-n257A  CA\_n79A-n259A/G | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259G | |  |
| CA\_n79A-n257A-n259H | CA\_n259G/H  CA\_n79A-n257A  CA\_n79A-n259A/G/H | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259H | |  |
| CA\_n79A-n257A-n259I | CA\_n259G/H/I  CA\_n79A-n257A  CA\_n79A-n259A/G/H/I | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259I | |  |
| CA\_n79A-n257A-n259J | CA\_n259G/H/I/J  CA\_n79A-n257A  CA\_n79A-n259A/G/H/I/J | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259J | |  |
| CA\_n79A-n257A-n259K | CA\_n259G/H/I/J/K  CA\_n79A-n257A  CA\_n79A-n259A/G/H/I/J/K | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259K | |  |
| CA\_n79A-n257A-n259L | CA\_n259G/H/I/J/K/L  CA\_n79A-n257A  CA\_n79A-n259A/G/H/I/J/K/L | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259L | |  |
| CA\_n79A-n257A-n259M | CA\_n259G/H/I/J/K/L/M  CA\_n79A-n257A  CA\_n79A-n259A/G/H/I/J/K/L/M | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | 50, 100, 200, 400 | |  |
|  |  | n259 | | CA\_n259M | |  |
| CA\_n79A-n257G-n259A | CA\_n257G  CA\_n79A-n257A/G  CA\_n79A-n259A | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | 50, 100, 200, 400 | |  |
| CA\_n79A-n257G-n259G | CA\_n257G  CA\_n259G  CA\_n79A-n257A/G  CA\_n79A-n259A/G | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259G | |  |
| CA\_n79A-n257G-n259H | CA\_n257G  CA\_n259G/H  CA\_n79A-n257A/G  CA\_n79A-n259A/G/H | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259H | |  |
| CA\_n79A-n257G-n259I | CA\_n257G  CA\_n259G/H/I  CA\_n79A-n257A/G  CA\_n79A-n259A/G/H/I | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259I | |  |
| CA\_n79A-n257G-n259J | CA\_n257G  CA\_n259G/H/I/J  CA\_n79A-n257A/G  CA\_n79A-n259A/G/H/I/J | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259J | |  |
| CA\_n79A-n257G-n259K | CA\_n257G  CA\_n259G/H/I/J/K  CA\_n79A-n257A/G  CA\_n79A-n259A/G/H/I/J/K | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259K | |  |
| CA\_n79A-n257G-n259L | CA\_n257G  CA\_n259G/H/I/J/K/L  CA\_n79A-n257A/G  CA\_n79A-n259A/G/H/I/J/K/L | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259L | |  |
| CA\_n79A-n257G-n259M | CA\_n257G  CA\_n259G/H/I/J/K/L/M  CA\_n79A-n257A/G  CA\_n79A-n259A/G/H/I/J/K/L/M | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257G | |  |
|  |  | n259 | | CA\_n259M | |  |
| CA\_n79A-n257H-n259A | CA\_n257G/H  CA\_n79A-n257A/G/H  CA\_n79A-n259A | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | 50, 100, 200, 400 | |  |
| CA\_n79A-n257H-n259G | CA\_n257G/H  CA\_n259G  CA\_n79A-n257A/G/H  CA\_n79A-n259A/G | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259G | |  |
| CA\_n79A-n257H-n259H | CA\_n257G/H  CA\_n259G/H  CA\_n79A-n257A/G/H  CA\_n79A-n259A/G/H | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259H | |  |
| CA\_n79A-n257H-n259I | CA\_n257G/H  CA\_n259G/H/I  CA\_n79A-n257A/G/H  CA\_n79A-n259A/G/H/I | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259I | |  |
| CA\_n79A-n257H-n259J | CA\_n257G/H  CA\_n259G/H/I/J  CA\_n79A-n257A/G/H  CA\_n79A-n259A/G/H/I/J | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259J | |  |
| CA\_n79A-n257H-n259K | CA\_n257G/H  CA\_n259G/H/I/J/K  CA\_n79A-n257A/G/H  CA\_n79A-n259A/G/H/I/J/K | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259K | |  |
| CA\_n79A-n257H-n259L | CA\_n257G/H  CA\_n259G/H/I/J/K/L  CA\_n79A-n257A/G/H  CA\_n79A-n259A/G/H/I/J/K/L | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259L | |  |
| CA\_n79A-n257H-n259M | CA\_n257G/H  CA\_n259G/H/I/J/K/L/M  CA\_n79A-n257A/G/H  CA\_n79A-n259A/G/H/I/J/K/L/M | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257H | |  |
|  |  | n259 | | CA\_n259M | |  |
| CA\_n79A-n257I-n259A | CA\_n257G/H/I  CA\_n79A-n257A/G/H/I  CA\_n79A-n259A | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | 50, 100, 200, 400 | |  |
| CA\_n79A-n257I-n259G | CA\_n257G/H/I  CA\_n259G  CA\_n79A-n257A/G/H/I  CA\_n79A-n259A/G | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259G | |  |
| CA\_n79A-n257I-n259H | CA\_n257G/H/I  CA\_n259G/H  CA\_n79A-n257A/G/H/I  CA\_n79A-n259A/G/H | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259H | |  |
| CA\_n79A-n257I-n259I | CA\_n257G/H/I  CA\_n259G/H/I  CA\_n79A-n257A/G/H/I  CA\_n79A-n259A/G/H/I | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259I | |  |
| CA\_n79A-n257I-n259J | CA\_n257G/H/I  CA\_n259G/H/I/J  CA\_n79A-n257A/G/H/I  CA\_n79A-n259A/G/H/I/J | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259J | |  |
| CA\_n79A-n257I-n259K | CA\_n257G/H/I  CA\_n259G/H/I/J/K  CA\_n79A-n257A/G/H/I  CA\_n79A-n259A/G/H/I/J/K | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259K | |  |
| CA\_n79A-n257I-n259L | CA\_n257G/H/I  CA\_n259G/H/I/J/K/L  CA\_n79A-n257A/G/H/I  CA\_n79A-n259A/G/H/I/J/K/L | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259L | |  |
| CA\_n79A-n257I-n259M | CA\_n257G/H/I  CA\_n259G/H/I/J/K/L/M  CA\_n79A-n257A/G/H/I  CA\_n79A-n259A/G/H/I/J/K/L/M | n79 | | 40, 50, 60, 80, 100 | | 0 |
|  |  | n257 | | CA\_n257I | |  |
|  |  | n259 | | CA\_n259M | |  |

The following notes are applied to the above tables.

NOTE 1: The SCS of each channel bandwidth for NR FR1 and NR FR2 band refers to Table 5.3.5-1 of TS 38.101-1 and TS 38.101-2 respectively.

NOTE 2: The CA configurations are given in Table 5.5A.1-1 of either TS 38.101-1 or TS 38.101-2 where unless otherwise stated BCS0 is referred to.

NOTE 3: The delimiter “/” is only used in the uplink configurations for the sake of simplicity. For example, CA\_nxA-nyA/B/C denotes CA\_nxA-nyA, CA\_nxA-nyB and CA\_nxA-nyC, where nx and ny are two NR bands, ny is a FR2 band and A, B and C are the corresponding bandwidth classes respectively.

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\* End of changes \*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*