**3GPP TSG-RAN WG4 Meeting #112 R4-2412451**

**Maastricht, Netherlands, 19– 23 August 2024**

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| *CR-Form-v12.2* | | | | | | | | |
| **DRAFT CHANGE REQUEST** | | | | | | | | |
|  | | | | | | | | |
|  | **-3** | **CR** |  | **rev** |  | **Current version:** |  |  |
|  | | | | | | | | |
| *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 |  |

|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | | | | | | | | | | |
| ***Title:*** | draft CR 38.101-3 to add new NR CADC 3BDL configurations including FR2 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Source to WG:*** | , Rogers | | | | | | | | | |
| ***Source to TSG:*** | R4 | | | | | | | | | |
|  |  | | | | | | | | | |
| ***Work item code:*** | NR\_CADC\_SUL\_R19-Core | | | | |  | ***Date:*** | | | 2024-08-19 |
|  |  | | | |  | |  | | |  |
| ***Category:*** | B |  | | | | | ***Release:*** | | | Rel-19 |
|  | *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-16 (Release 16) Rel-17 (Release 17) Rel-18 (Release 18) Rel-19 (Release 19)* | |
|  |  | | | | | | | | | |
| ***Reason for change:*** | | To add new NR 3BDL configurations | | | | | | | | |
|  | |  | | | | | | | | |
| ***Summary of change:*** | | CA\_n25A-n41A-n257G  CA\_n25A-n66A-n257G  CA\_n25A-n71A-n257G  CA\_n25A-n77A-n257G  CA\_n25A-n77(2A)-n257G  CA\_n41A-n66A-n257G  CA\_n41A-n71A-n257G  CA\_n66A-n71A-n257G  CA\_n66A-n77A-n257G  CA\_n66A-n77(2A)-n257G  CA\_n71A-n77A-n257G  CA\_n71A-n77(2A)-n257G  CA\_n25A-n66A-n260G  CA\_n25A-n71A-n260G  CA\_n25A-n77A-n260G  CA\_n25A-n77(2A)-n260G  CA\_n41A-n71A-n260G  CA\_n66A-n71A-n260G  CA\_n71A-n77A-n260G  CA\_n71A-n77(2A)-n260G  DC\_n25A-n41A-n257G  DC\_n25A-n66A-n257G  DC\_n25A-n71A-n257G  DC\_n25A-n77A-n257G  DC\_n25A-n77(2A)-n257G  DC\_n41A-n66A-n257G  DC\_n41A-n71A-n257G  DC\_n66A-n71A-n257G  DC\_n66A-n77A-n257G  DC\_n66A-n77(2A)-n257G  DC\_n71A-n77A-n257G  DC\_n71A-n77(2A)-n257G  DC\_n25A-n66A-n260G  DC\_n25A-n71A-n260G  DC\_n25A-n77A-n260G  DC\_n25A-n77(2A)-n260G  DC\_n41A-n71A-n260G  DC\_n66A-n71A-n260G  DC\_n66A-n77(2A)-n260G  DC\_n71A-n77A-n260G  DC\_n71A-n77(2A)-n260G  The fundumental combinations of the above configurarions are included in Big CR R4-2409490. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Consequences if not approved:*** | | Configurations are not included in the specification. | | | | | | | | |
|  | |  | | | | | | | | |
| ***Clauses affected:*** | | 5.5 | | | | | | | | |
|  | |  | | | | | | | | |
|  | | **Y** | **N** |  | | | |  | | |
| ***Other specs*** | |  | **X** | Other core specifications | | | | TS/TR ... CR ... | | |
| ***affected:*** | | **X** |  | Test specifications | | | | TS 38.521-1 | | |
| ***(show related CRs)*** | |  | **X** | O&M Specifications | | | | TS/TR ... CR ... | | |
|  | |  | | | | | | | | |
| ***Other comments:*** | |  | | | | | | | | |
|  | |  | | | | | | | | |
| ***This CR's revision history:*** | |  | | | | | | | | |

---Start of changes---

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\_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-n26A-n258A | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | 50, 100, 200, 400 | |  |
| CA\_n7A-n26A-n258B | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258B | |  |
| CA\_n7A-n26A-n258C | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258C | |  |
| CA\_n7A-n26A-n258D | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258D | |  |
| CA\_n7A-n26A-n258E | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258E | |  |
| CA\_n7A-n26A-n258F | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258F | |  |
| CA\_n7A-n26A-n258G | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258G | |  |
| CA\_n7A-n26A-n258H | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258H | |  |
| CA\_n7A-n26A-n258I | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258I | |  |
| CA\_n7A-n26A-n258J | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258J | |  |
| CA\_n7A-n26A-n258K | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258K | |  |
| CA\_n7A-n26A-n258L | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258L | |  |
| CA\_n7A-n26A-n258M | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258M | |  |
| CA\_n7A-n26A-n258R2 | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258R2 | |  |
| CA\_n7A-n26A-n258R3 | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258R3 | |  |
| CA\_n7A-n26A-n258R4 | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258R4 | |  |
| CA\_n7A-n26A-n258R5 | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258R5 | |  |
| CA\_n7A-n26A-n258R6 | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258R6 | |  |
| CA\_n7A-n26A-n258R7 | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258R7 | |  |
| CA\_n7A-n26A-n258R8 | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258R8 | |  |
| CA\_n7A-n26A-n258R9 | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258R9 | |  |
| CA\_n7A-n26A-n258R10 | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | 5, 10, 15, 20, 25, 30, 40, 50 | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258R10 | |  |
| CA\_n7B-n26A-n258A | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | 50, 100, 200, 400 | |  |
| CA\_n7B-n26A-n258B | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258B | |  |
| CA\_n7B-n26A-n258C | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258C | |  |
| CA\_n7B-n26A-n258D | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258D | |  |
| CA\_n7B-n26A-n258E | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258E | |  |
| CA\_n7B-n26A-n258F | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258F | |  |
| CA\_n7B-n26A-n258G | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258G | |  |
| CA\_n7B-n26A-n258H | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258H | |  |
| CA\_n7B-n26A-n258I | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258I | |  |
| CA\_n7B-n26A-n258J | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258J | |  |
| CA\_n7B-n26A-n258K | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258K | |  |
| CA\_n7B-n26A-n258L | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258L | |  |
| CA\_n7B-n26A-n258M | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258M | |  |
| CA\_n7B-n26A-n258R2 | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258R2 | |  |
| CA\_n7B-n26A-n258R3 | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258R3 | |  |
| CA\_n7B-n26A-n258R4 | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258R4 | |  |
| CA\_n7B-n26A-n258R5 | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258R5 | |  |
| CA\_n7B-n26A-n258R6 | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258R6 | |  |
| CA\_n7B-n26A-n258R7 | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258R7 | |  |
| CA\_n7B-n26A-n258R8 | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258R8 | |  |
| CA\_n7B-n26A-n258R9 | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258R9 | |  |
| CA\_n7B-n26A-n258R10 | CA\_n7A-n26A  CA\_n7A-n258A  CA\_n26A-n258A | n7 | CA\_7B | | 0 |
|  |  | n26 | 5, 10, 15, 20 | |  |
|  |  | n258 | CA\_n258R10 | |  |
| 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  CA\_n7A-n78A  CA\_n7A-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\_n7A-n78A  CA\_n7A-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\_n7A-n78A  CA\_n7A-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\_n7A-n78A  CA\_n7A-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\_n7A-n78A  CA\_n7A-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\_n7A-n78A  CA\_n7A-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\_n7A-n78A  CA\_n7A-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\_n7A-n78A  CA\_n7A-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\_n7A-n78A  CA\_n7A-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\_n7A-n78A  CA\_n7A-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\_n7A-n78A  CA\_n7A-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\_n7A-n78A  CA\_n7A-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-n257G | CA\_n25A-n41A  CA\_n25A-n257A/G  CA\_n41A-n257A/G | n25 | 5, 10, 15, 20, 25, 30, 35, 40, 45 | 0 | |
|  |  | n41 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 |  | |
|  |  | n257 | CA\_n257G |  | |
| 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\_n25A-n66A-n257G | CA\_n25A-n66A  CA\_n25A-n257A/G  CA\_n66A-n257A/G | n25 | 5, 10, 15, 20, 25, 30, 35, 40, 45 | 0 | |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 35, 40, 45 |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n25A-n71A-n257G | CA\_n25A-n71A CA\_n25A-n257A/G CA\_n71A-n257A/G | n25 | 5, 10, 15, 20, 25, 30, 35, 40, 45 | 0 | |
|  |  | n71 | 5, 10, 15, 20, 25, 30, 35 |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n25A-n77A-n257G | CA\_n25A-n77A CA\_n25A-n257A/G CA\_n77A-n257A/G | n25 | 5, 10, 15, 20, 25, 30, 35, 40, 45 | 0 | |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n25A-n77(2A)-n257G | CA\_n25A-n77A CA\_n25A-n257A/G CA\_n77(2A) CA\_n77A-n257A/G | n25 | 5, 10, 15, 20, 25, 30, 35, 40, 45 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n257 | CA\_n257G |  | |
| CA\_n25A-n66A-n260G | CA\_n25A-n66A CA\_n25A-n260A/G CA\_n66A-n260A/G | n25 | 5, 10, 15, 20, 25, 30, 35, 40, 45 | 0 | |
|  |  | n66 | 5, 10, 15, 20, 25, 30, 35, 40, 45 |  | |
|  |  | n260 | CA\_n260G |  | |
| CA\_n25A-n71A-n260G | CA\_n25A-n71A CA\_n25A-n260A/G CA\_n71A-n260A/G | n25 | 5, 10, 15, 20, 25, 30, 35, 40, 45 | 0 | |
|  |  | n71 | 5, 10, 15, 20, 25, 30, 35 |  | |
|  |  | n260 | CA\_n260G |  | |
| CA\_n25A-n77A-n260G | CA\_n25A-n77A CA\_n25A-n260A/G CA\_n77A-n260A/G | n25 | 5, 10, 15, 20, 25, 30, 35, 40, 45 | 0 | |
|  |  | n77 | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 |  | |
|  |  | n260 | CA\_n260G |  | |
| CA\_n25A-n77(2A)-n260G | CA\_n25A-n77A CA\_n25A-n260A/G CA\_n77(2A) CA\_n77A-n260A/G | n25 | 5, 10, 15, 20, 25, 30, 35, 40, 45 | 0 | |
|  |  | n77 | CA\_n77(2A) |  | |
|  |  | n260 | CA\_n260G |  | |
| 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-n257G | CA\_n41A-n66A CA\_n41A-n257A/G CA\_n66A-n257A/G | | n41 | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | 0 | |
|  |  | | n66 | 5, 10, 15, 20, 25, 30, 35, 40, 45 |  | |
|  |  | | n257 | CA\_n257G |  | |
| 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-n71A-n257G | CA\_n41A-n71A CA\_n41A-n257A/G CA\_n71A-n257A/G | n41 | | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | n71 | | 5, 10, 15, 20, 25, 30, 35 | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n41A-n71A-n260G | CA\_n41A-n71A CA\_n41A-n260A/G CA\_n71A-n260A/G | n41 | | 5, 10, 15, 20, 25, 30, 35, 40, 45, 50 | | 0 |
|  |  | n71 | | 5, 10, 15, 20, 25, 30, 35 | |  |
|  |  | n260 | | CA\_n260G | |  |
| 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-n71A-n257G | CA\_n66A-n71A CA\_n66A-n257A/G CA\_n71A-n257A/G | n66 | | 5, 10, 15, 20, 25, 30, 35, 40, 45 | | 0 |
|  |  | n71 | | 5, 10, 15, 20, 25, 30, 35 | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n66A-n71A-n260G | CA\_n66A-n71A CA\_n66A-n260A/G CA\_n71A-n260A/G | n66 | | 5, 10, 15, 20, 25, 30, 35, 40, 45 | | 0 |
|  |  | n71 | | 5, 10, 15, 20, 25, 30, 35 | |  |
|  |  | n260 | | CA\_n260G | |  |
| CA\_n66A-n77A-n257G | CA\_n66A-n77A CA\_n66A-n257A/G CA\_n77A-n257A/G | n66 | | 5, 10, 15, 20, 25, 30, 35, 40, 45 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n66A-n77(2A)-n257G | CA\_n66A-n77A CA\_n66A-n257A/G CA\_n77(2A) CA\_n77A-n257A/G | n66 | | 5, 10, 15, 20, 25, 30, 35, 40, 45 | | 0 |
|  |  | n77 | | CA\_n77(2A) | |  |
|  |  | n257 | | CA\_n257G | |  |
| 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\_n71A-n77A-n257G | CA\_n71A-n77A CA\_n71A-n257A/G CA\_n77A-n257A/G | n71 | | 5, 10, 15, 20, 25, 30, 35 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n71A-n77(2A)-n257G | CA\_n71A-n77A CA\_n71A-n257A/G CA\_n77(2A) CA\_n77A-n257A/G | n71 | | 5, 10, 15, 20, 25, 30, 35 | | 0 |
|  |  | n77 | | CA\_n77(2A) | |  |
|  |  | n257 | | CA\_n257G | |  |
| CA\_n71A-n77A-n260G | CA\_n71A-n77A CA\_n71A-n260A/G CA\_n77A-n260A/G | n71 | | 5, 10, 15, 20, 25, 30, 35 | | 0 |
|  |  | n77 | | 10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100 | |  |
|  |  | n260 | | CA\_n260G | |  |
| CA\_n71A-n77(2A)-n260G | CA\_n71A-n77A CA\_n71A-n260A/G CA\_n77(2A) CA\_n77A-n260A/G | n71 | | 5, 10, 15, 20, 25, 30, 35 | | 0 |
|  |  | n77 | | CA\_n77(2A) | |  |
|  |  | n260 | | CA\_n260G | |  |
| 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 | |  |

---Text omitted---

#### 5.5B.7.2 Inter-band NR-DC configurations between FR1 and FR2 (three bands)

Table 5.5B.7-2: Inter-band NR-DC configurations between FR1 and FR2 (three bands)

| **Downlink NR DC**  **configuration** | **Uplink NR DC**  **configuration** |
| --- | --- |
| DC\_n1A-n3A-n257A  DC\_n1A-n3A-n257G  DC\_n1A-n3A-n257H  DC\_n1A-n3A-n257I | DC\_n1A-n3A  DC\_n1A-n257A  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n3A-n257A  DC\_n3A-n257G  DC\_n3A-n257H  DC\_n3A-n257I |
| DC\_n1A-n3A-n258A  DC\_n1A-n3A-n258D  DC\_n1A-n3A-n258G  DC\_n1A-n3A-n258H  DC\_n1A-n3A-n258I  DC\_n1A-n3A-n258J | DC\_n1A-n3A  DC\_n1A-n258A  DC\_n1A-n258D  DC\_n1A-n258G  DC\_n1A-n258H  DC\_n1A-n258I  DC\_n1A-n258J  DC\_n3A-n258A  DC\_n3A-n258D  DC\_n3A-n258G  DC\_n3A-n258H  DC\_n3A-n258I  DC\_n3A-n258J |
| DC\_n1A-n18A-n257A  DC\_n1A-n18A-n257G  DC\_n1A-n18A-n257H  DC\_n1A-n18A-n257I | DC\_n1A-n18A  DC\_n1A-n257A  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n18A-n257A  DC\_n18A-n257G  DC\_n18A-n257H  DC\_n18A-n257I |
| DC\_n1A-n28A-n257A  DC\_n1A-n28A-n257G  DC\_n1A-n28A-n257H  DC\_n1A-n28A-n257I | DC\_n1A-n28A  DC\_n1A-n257A  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n28A-n257A  DC\_n28A-n257G  DC\_n28A-n257H  DC\_n28A-n257I |
| DC\_n1A-n28A-n258A  DC\_n1A-n28A-n258D  DC\_n1A-n28A-n258G  DC\_n1A-n28A-n258H  DC\_n1A-n28A-n258I  DC\_n1A-n28A-n258J | DC\_n1A-n28A  DC\_n1A-n258A  DC\_n1A-n258D  DC\_n1A-n258G  DC\_n1A-n258H  DC\_n1A-n258I  DC\_n1A-n258J  DC\_n28A-n258A  DC\_n28A-n258D  DC\_n28A-n258G  DC\_n28A-n258H  DC\_n28A-n258I  DC\_n28A-n258J |
| DC\_n1A-n41A-n257A  DC\_n1A-n41A-n257G  DC\_n1A-n41A-n257H  DC\_n1A-n41A-n257I | DC\_n1A-n41A  DC\_n1A-n257A  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n41A-n257A  DC\_n41A-n257G  DC\_n41A-n257H  DC\_n41A-n257I |
| DC\_n1A-n77A-n257A  DC\_n1A-n77A-n257G  DC\_n1A-n77A-n257H  DC\_n1A-n77A-n257I | DC\_n1A-n257A  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n77A-n257A  DC\_n77A-n257G  DC\_n77A-n257H  DC\_n77A-n257I |
| DC\_n1A-n77(2A)-n257A  DC\_n1A-n77(2A)-n257G  DC\_n1A-n77(2A)-n257H  DC\_n1A-n77(2A)-n257I | DC\_n1A-n77A  DC\_n1A-n257A  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n77A-n257A  DC\_n77A-n257G  DC\_n77A-n257H  DC\_n77A-n257I |
| DC\_n1A-n78A-n257A1  DC\_n1A-n78A-n257G1  DC\_n1A-n78A-n257H1  DC\_n1A-n78A-n257I1  DC\_n1A-n78A-n257J1  DC\_n1A-n78A-n257K1  DC\_n1A-n78A-n257L1  DC\_n1A-n78A-n257M1 | DC\_n1A-n78A  DC\_n1A-n257A  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n1A-n257J  DC\_n1A-n257K  DC\_n78A-n257A  DC\_n78A-n257G  DC\_n78A-n257H  DC\_n78A-n257I  DC\_n78A-n257J  DC\_n78A-n257K |
| DC\_n1A-n79A-n257A  DC\_n1A-n79A-n257G  DC\_n1A-n79A-n257H  DC\_n1A-n79A-n257I | DC\_n1A-n257A  DC\_n1A-n257G  DC\_n1A-n257H  DC\_n1A-n257I  DC\_n79A-n257A  DC\_n79A-n257G  DC\_n79A-n257H  DC\_n79A-n257I |
| DC\_n2A-n5A-n260A  DC\_n2A-n5A-n260G  DC\_n2A-n5A-n260H  DC\_n2A-n5A-n260I  DC\_n2A-n5A-n260J  DC\_n2A-n5A-n260K  DC\_n2A-n5A-n260L  DC\_n2A-n5A-n260M | DC\_n2A-n5A  DC\_n2A-n260A  DC\_n5A-n260A  DC\_n2A-n260G  DC\_n5A-n260G  DC\_n2A-n260H  DC\_n5A-n260H  DC\_n2A-n260I  DC\_n5A-n260I  DC\_n2A-n260J  DC\_n5A-n260J  DC\_n2A-n260K  DC\_n5A-n260K  DC\_n2A-n260L  DC\_n5A-n260L  DC\_n2A-n260M  DC\_n5A-n260M |
| DC\_n2A-n5A-n261A  DC\_n2A-n5A-n261G  DC\_n2A-n5A-n261H  DC\_n2A-n5A-n261I  DC\_n2A-n5A-n261J  DC\_n2A-n5A-n261K  DC\_n2A-n5A-n261L  DC\_n2A-n5A-n261M | DC\_n2A-n5A  DC\_n2A-n261A  DC\_n2A-n261G  DC\_n2A-n261H  DC\_n2A-n261I  DC\_n5A-n261A  DC\_n5A-n261G  DC\_n5A-n261H  DC\_n5A-n261I |
| DC\_n2A-n5A-n261(2G)  DC\_n2A-n5A-n261(G-H)  DC\_n2A-n5A-n261(A-G-H)  DC\_n2A-n5A-n261(G-I)  DC\_n2A-n5A-n261(2H)  DC\_n2A-n5A-n261(A-G-I)  DC\_n2A-n5A-n261(H-I)  DC\_n2A-n5A-n261(A-G)  DC\_n2A-n5A-n261(A-H)  DC\_n2A-n5A-n261(2A-H)  DC\_n2A-n5A-n261(A-2G)  DC\_n2A-n5A-n261(A-I)  DC\_n2A-n5A-n261(2A-I)  DC\_n2A-n5A-n261(2A)  DC\_n2A-n5A-n261(3A)  DC\_n2A-n5A-n261(2A-G) | DC\_n2A-n5A  DC\_n2A-n261A  DC\_n2A-n261G  DC\_n2A-n261H  DC\_n2A-n261I  DC\_n5A-n261A  DC\_n5A-n261G  DC\_n5A-n261H  DC\_n5A-n261I |
| DC\_n2A-n12A-n260A  DC\_n2A-n12A-n260G  DC\_n2A-n12A-n260H  DC\_n2A-n12A-n260I  DC\_n2A-n12A-n260J  DC\_n2A-n12A-n260K  DC\_n2A-n12A-n260L  DC\_n2A-n12A-n260M | DC\_n2A-n12A  DC\_n2A-n260A  DC\_n12A-n260A  DC\_n2A-n260G  DC\_n12A-n260G  DC\_n2A-n260H  DC\_n12A-n260H  DC\_n2A-n260I  DC\_n12A-n260I  DC\_n2A-n260J  DC\_n12A-n260J  DC\_n2A-n260K  DC\_n12A-n260K  DC\_n2A-n260L  DC\_n12A-n260L  DC\_n2A-n260M  DC\_n12A-n260M |
| DC\_n2A-n14A-n260A  DC\_n2A-n14A-n260G  DC\_n2A-n14A-n260H  DC\_n2A-n14A-n260I  DC\_n2A-n14A-n260J  DC\_n2A-n14A-n260K  DC\_n2A-n14A-n260L  DC\_n2A-n14A-n260M | DC\_n2A-n14A  DC\_n2A-n260A  DC\_n14A-n260A  DC\_n2A-n260G  DC\_n14A-n260G  DC\_n2A-n260H  DC\_n14A-n260H  DC\_n2A-n260I  DC\_n14A-n260I  DC\_n2A-n260J  DC\_n14A-n260J  DC\_n2A-n260K  DC\_n14A-n260K  DC\_n2A-n260L  DC\_n14A-n260L  DC\_n2A-n260M  DC\_n14A-n260M |
| DC\_n2A-n30A-n260A  DC\_n2A-n30A-n260G  DC\_n2A-n30A-n260H  DC\_n2A-n30A-n260I  DC\_n2A-n30A-n260J  DC\_n2A-n30A-n260K  DC\_n2A-n30A-n260L  DC\_n2A-n30A-n260M | DC\_n2A-n30A  DC\_n2A-n260A  DC\_n30A-n260A  DC\_n2A-n260G  DC\_n30A-n260G  DC\_n2A-n260H  DC\_n30A-n260H  DC\_n2A-n260I  DC\_n30A-n260I  DC\_n2A-n260J  DC\_n30A-n260J  DC\_n2A-n260K  DC\_n30A-n260K  DC\_n2A-n260L  DC\_n30A-n260L  DC\_n2A-n260M  DC\_n30A-n260M |
| DC\_n2A-n48A-n260A  DC\_n2A-n48A-n260G  DC\_n2A-n48A-n260H  DC\_n2A-n48A-n260I  DC\_n2A-n48A-n260J  DC\_n2A-n48A-n260K  DC\_n2A-n48A-n260L  DC\_n2A-n48A-n260M | DC\_n2A-n260A  DC\_n2A-n260G  DC\_n2A-n260H  DC\_n2A-n260I  DC\_n48A-n260A  DC\_n48A-n260G  DC\_n48A-n260H  DC\_n48A-n260I |
| DC\_n2A-n48(2A)-n260A  DC\_n2A-n48(2A)-n260G  DC\_n2A-n48(2A)-n260H  DC\_n2A-n48(2A)-n260I  DC\_n2A-n48(2A)-n260J  DC\_n2A-n48(2A)-n260K  DC\_n2A-n48(2A)-n260L  DC\_n2A-n48(2A)-n260M | DC\_n2A-n260A  DC\_n2A-n260G  DC\_n2A-n260H  DC\_n2A-n260I  DC\_n48A-n260A  DC\_n48A-n260G  DC\_n48A-n260H  DC\_n48A-n260I |
| DC\_n2A-n48B-n260A  DC\_n2A-n48B-n260G  DC\_n2A-n48B-n260H  DC\_n2A-n48B-n260I  DC\_n2A-n48B-n260J  DC\_n2A-n48B-n260K  DC\_n2A-n48B-n260L  DC\_n2A-n48B-n260M | DC\_n2A-n260A  DC\_n2A-n260G  DC\_n2A-n260H  DC\_n2A-n260I  DC\_n48A-n260A  DC\_n48A-n260G  DC\_n48A-n260H  DC\_n48A-n260I |
| DC\_n2A-n48A-n261A  DC\_n2A-n48A-n261G  DC\_n2A-n48A-n261H  DC\_n2A-n48A-n261I  DC\_n2A-n48A-n261J  DC\_n2A-n48A-n261K  DC\_n2A-n48A-n261L  DC\_n2A-n48A-n261M | DC\_n2A-n261A  DC\_n2A-n261G  DC\_n2A-n261H  DC\_n2A-n261I  DC\_n48A-n261A  DC\_n48A-n261G  DC\_n48A-n261H  DC\_n48A-n261I |
| DC\_n2A-n48A-n261(G-H)  DC\_n2A-n48A-n261(A-G-H)  DC\_n2A-n48A-n261(2H)  DC\_n2A-n48A-n261(H-I)  DC\_n2A-n48A-n261(A-G-I)  DC\_n2A-n48A-n261(A-H)  DC\_n2A-n48A-n261(2G)  DC\_n2A-n48A-n261(2A-H)  DC\_n2A-n48A-n261(A-2G)  DC\_n2A-n48A-n261(G-I)  DC\_n2A-n48A-n261(2A-I)  DC\_n2A-n48A-n261(A-G)  DC\_n2A-n48A-n261(2A-G)  DC\_n2A-n48A-n261(A-I)  DC\_n2A-n48A-n261(2A)  DC\_n2A-n48A-n261(3A) | DC\_n2A-n261A  DC\_n2A-n261G  DC\_n2A-n261H  DC\_n2A-n261I  DC\_n48A-n261A  DC\_n48A-n261G  DC\_n48A-n261H  DC\_n48A-n261I |
| DC\_n2A-n48(2A)-n261A  DC\_n2A-n48(2A)-n261G  DC\_n2A-n48(2A)-n261H  DC\_n2A-n48(2A)-n261I  DC\_n2A-n48(2A)-n261J  DC\_n2A-n48(2A)-n261K  DC\_n2A-n48(2A)-n261L  DC\_n2A-n48(2A)-n261M | DC\_n2A-n261A  DC\_n2A-n261G  DC\_n2A-n261H  DC\_n2A-n261I  DC\_n48A-n261A  DC\_n48A-n261G  DC\_n48A-n261H  DC\_n48A-n261I |
| DC\_n2A-n48(2A)-n261(G-H)  DC\_n2A-n48(2A)-n261(A-G-H)  DC\_n2A-n48(2A)-n261(2H)  DC\_n2A-n48(2A)-n261(H-I)  DC\_n2A-n48(2A)-n261(A-G-I)  DC\_n2A-n48(2A)-n261(A-H)  DC\_n2A-n48(2A)-n261(2G)  DC\_n2A-n48(2A)-n261(2A-H)  DC\_n2A-n48(2A)-n261(A-2G)  DC\_n2A-n48(2A)-n261(G-I)  DC\_n2A-n48(2A)-n261(2A-I)  DC\_n2A-n48(2A)-n261(A-G)  DC\_n2A-n48(2A)-n261(2A-G)  DC\_n2A-n48(2A)-n261(A-I)  DC\_n2A-n48(2A)-n261(2A)  DC\_n2A-n48(2A)-n261(3A) | DC\_n2A-n261A  DC\_n2A-n261G  DC\_n2A-n261H  DC\_n2A-n261I  DC\_n48A-n261A  DC\_n48A-n261G  DC\_n48A-n261H  DC\_n48A-n261I |
| DC\_n2A-n48B-n261A  DC\_n2A-n48B-n261G  DC\_n2A-n48B-n261H  DC\_n2A-n48B-n261I  DC\_n2A-n48B-n261J  DC\_n2A-n48B-n261K  DC\_n2A-n48B-n261L  DC\_n2A-n48B-n261M | DC\_n2A-n261A  DC\_n2A-n261G  DC\_n2A-n261H  DC\_n2A-n261I  DC\_n48A-n261A  DC\_n48A-n261G  DC\_n48A-n261H  DC\_n48A-n261I |
| DC\_n2A-n48B-n261(G-H)  DC\_n2A-n48B-n261(A-G-H)  DC\_n2A-n48B-n261(2H)  DC\_n2A-n48B-n261(H-I)  DC\_n2A-n48B-n261(A-G-I)  DC\_n2A-n48B-n261(A-H)  DC\_n2A-n48B-n261(2G)  DC\_n2A-n48B-n261(2A-H)  DC\_n2A-n48B-n261(A-2G)  DC\_n2A-n48B-n261(G-I)  DC\_n2A-n48B-n261(2A-I)  DC\_n2A-n48B-n261(A-G)  DC\_n2A-n48B-n261(2A-G)  DC\_n2A-n48B-n261(A-I)  DC\_n2A-n48B-n261(2A)  DC\_n2A-n48B-n261(3A) | DC\_n2A-n261A  DC\_n2A-n261G  DC\_n2A-n261H  DC\_n2A-n261I  DC\_n48A-n261A  DC\_n48A-n261G  DC\_n48A-n261H  DC\_n48A-n261I |
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| DC\_n2A-n66A-n261(2G)  DC\_n2A-n66A-n261(G-H)  DC\_n2A-n66A-n261(A-G-H)  DC\_n2A-n66A-n261(G-I)  DC\_n2A-n66A-n261(2H)  DC\_n2A-n66A-n261(A-G-I)  DC\_n2A-n66A-n261(H-I)  DC\_n2A-n66A-n261(A-G)  DC\_n2A-n66A-n261(A-H)  DC\_n2A-n66A-n261(2A-H)  DC\_n2A-n66A-n261(A-2G)  DC\_n2A-n66A-n261(A-I)  DC\_n2A-n66A-n261(2A-I)  DC\_n2A-n66A-n261(2A)  DC\_n2A-n66A-n261(3A)  DC\_n2A-n66A-n261(2A-G) | DC\_n2A-n66A  DC\_n2A-n261A  DC\_n2A-n261G  DC\_n2A-n261H  DC\_n2A-n261I  DC\_n66A-n261A  DC\_n66A-n261G  DC\_n66A-n261H  DC\_n66A-n261I |
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| DC\_n2A-n77A-n261(G-H)  DC\_n2A-n77A-n261(A-G-H)  DC\_n2A-n77A-n261(G-I)  DC\_n2A-n77A-n261(2H)  DC\_n2A-n77A-n261(A-G-I)  DC\_n2A-n77A-n261(H-I)  DC\_n2A-n77A-n261(A-H)  DC\_n2A-n77A-n261(2G)  DC\_n2A-n77A-n261(2A-H)  DC\_n2A-n77A-n261(A-2G)  DC\_n2A-n77A-n261(A-I)  DC\_n2A-n77A-n261(2A-I)  DC\_n2A-n77A-n261(A-G)  DC\_n2A-n77A-n261(2A-G)  DC\_n2A-n77A-n261(2A)  DC\_n2A-n77A-n261(3A)  DC\_n2A-n77C-n261(G-H)  DC\_n2A-n77C-n261(A-G-H)  DC\_n2A-n77C-n261(G-I)  DC\_n2A-n77C-n261(2H)  DC\_n2A-n77C-n261(A-G-I)  DC\_n2A-n77C-n261(H-I)  DC\_n2A-n77C-n261(A-H)  DC\_n2A-n77C-n261(2G)  DC\_n2A-n77C-n261(2A-H)  DC\_n2A-n77C-n261(A-2G)  DC\_n2A-n77C-n261(A-I)  DC\_n2A-n77C-n261(2A-I)  DC\_n2A-n77C-n261(A-G)  DC\_n2A-n77C-n261(2A-G)  DC\_n2A-n77C-n261(2A)  DC\_n2A-n77C-n261(3A) | DC\_n2A-n261A  DC\_n2A-n261G  DC\_n2A-n261H  DC\_n2A-n261I  DC\_n77A-n261A  DC\_n77A-n261G  DC\_n77A-n261H  DC\_n77A-n261I |
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| DC\_n5A-n48A-n261(G-H)  DC\_n5A-n48A-n261(A-G-H)  DC\_n5A-n48A-n261(2H)  DC\_n5A-n48A-n261(H-I)  DC\_n5A-n48A-n261(A-G-I)  DC\_n5A-n48A-n261(A-H)  DC\_n5A-n48A-n261(2G)  DC\_n5A-n48A-n261(2A-H)  DC\_n5A-n48A-n261(A-2G)  DC\_n5A-n48A-n261(G-I)  DC\_n5A-n48A-n261(2A-I)  DC\_n5A-n48A-n261(A-G)  DC\_n5A-n48A-n261(2A-G)  DC\_n5A-n48A-n261(A-I)  DC\_n5A-n48A-n261(2A)  DC\_n5A-n48A-n261(3A) | DC\_n5A-n261A  DC\_n5A-n261G  DC\_n5A-n261H  DC\_n5A-n261I  DC\_n48A-n261A  DC\_n48A-n261G  DC\_n48A-n261H  DC\_n48A-n261I |
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| DC\_n78(2A)-n79A-n257A  DC\_n78(2A)-n79A-n257G  DC\_n78(2A)-n79A-n257H  DC\_n78(2A)-n79A-n257I | DC\_n78A-n79A  DC\_n78A-n257A  DC\_n78A-n257G  DC\_n78A-n257H  DC\_n78A-n257I  DC\_n79A-n257A  DC\_n79A-n257G  DC\_n79A-n257H  DC\_n79A-n257I |
| DC\_n78A-n79A-n259A  DC\_n78A-n79A-n259G  DC\_n78A-n79A-n259H  DC\_n78A-n79A-n259I  DC\_n78A-n79A-n259J  DC\_n78A-n79A-n259K  DC\_n78A-n79A-n259L  DC\_n78A-n79A-n259M | DC\_n78A-n79A  DC\_n78A-n259A  DC\_n78A-n259G  DC\_n78A-n259H  DC\_n78A-n259I  DC\_n78A-n259J  DC\_n78A-n259K  DC\_n78A-n259L  DC\_n78A-n259M  DC\_n79A-n259A  DC\_n79A-n259G  DC\_n79A-n259H  DC\_n79A-n259I  DC\_n79A-n259J  DC\_n79A-n259K  DC\_n79A-n259L  DC\_n79A-n259M |
| DC\_n79A-n257A-n259A  DC\_n79A-n257A-n259G  DC\_n79A-n257A-n259H  DC\_n79A-n257A-n259I  DC\_n79A-n257A-n259J  DC\_n79A-n257A-n259K  DC\_n79A-n257A-n259L  DC\_n79A-n257A-n259M  DC\_n79A-n257G-n259A  DC\_n79A-n257G-n259G  DC\_n79A-n257G-n259H  DC\_n79A-n257G-n259I  DC\_n79A-n257G-n259J  DC\_n79A-n257G-n259K  DC\_n79A-n257G-n259L  DC\_n79A-n257G-n259M  DC\_n79A-n257H-n259A  DC\_n79A-n257H-n259G  DC\_n79A-n257H-n259H  DC\_n79A-n257H-n259I  DC\_n79A-n257H-n259J  DC\_n79A-n257H-n259K  DC\_n79A-n257H-n259L  DC\_n79A-n257H-n259M  DC\_n79A-n257I-n259A  DC\_n79A-n257I-n259G  DC\_n79A-n257I-n259H  DC\_n79A-n257I-n259I  DC\_n79A-n257I-n259J  DC\_n79A-n257I-n259K  DC\_n79A-n257I-n259L  DC\_n79A-n257I-n259M | DC\_n79A-n257A  DC\_n79A-n257G  DC\_n79A-n257H  DC\_n79A-n257I  DC\_n79A-n259A  DC\_n79A-n259G  DC\_n79A-n259H  DC\_n79A-n259I  DC\_n79A-n259J  DC\_n79A-n259K  DC\_n79A-n259L  DC\_n79A-n259M |
| NOTE 1: Applicable for UE supporting inter-band NR DC with mandatory simultaneous Rx/Tx capability. | |

---End of changes---