

IGHV1-69

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|------|----|---------|---------|---------------|---|
| G1 | 38 | 1 | 6 | | |
| GG2 | 21 | 1,12,13 | 6,14 | | |
| GG3 | 20 | 1,12,13 | | | |
| G4 | 19 | 1 | 4 | | |
| GG5 | 17 | 1 | 6 | 4 | |
| GG6 | 16 | 4 | 2 | 8 | |
| GG7 | 15 | 1 | | | |
| GG8 | 12 | 1 | 6 | 2 | |
| GG9 | 11 | 1 | 2 | 8 | |
| G10 | 11 | 1,12,13 | 4,9 | | |
| GG11 | 9 | 1 | 6 | 1_293:G | |
| GG12 | 9 | 2 | | | |
| GG13 | 8 | 4 | | | |
| GG14 | 8 | 1,12,13 | 2 | | |
| GG15 | 8 | 4,9 | 2 | | |
| GG16 | 6 | 1 | 2 | | |
| GG17 | 6 | 1,12,13 | 2 | 6,14 | |
| GG18 | 6 | 1,12,13 | 6,14 | 4,9 | |
| GG19 | 5 | 4,9 | | | |
| GG20 | 5 | 6 | | | |
| GG21 | 4 | 1 | 6 | 2 | 8 |
| GG22 | 3 | 1 | 6 | 9 | |
| GG23 | 3 | 2 | 8 | | |
| GG24 | 3 | 1 | 17 | | |
| GG25 | 3 | 4 | 2 | | |
| GG26 | 3 | | 6_23:A | 6 | |
| GG27 | 3 | 13 | | | |
| GG28 | 3 | 1,12,13 | 6,14 | 1,12,13_293:G | |
| GG29 | 3 | 1,12,13 | 10 | | |
| GG30 | 2 | 1 | 12 | 6 | |
| GG31 | 2 | 10 | 2 | 8 | |
| GG32 | 2 | | 9 | 8 | |
| GG33 | 2 | | 17 | 6 | |
| GG34 | 2 | 9 | 2 | 8 | |
| GG35 | 2 | | 6 | 10 | |
| GG36 | 2 | 1 | 1_293:G | | |
| GG37 | 2 | | 15 | 9 | |
| GG38 | 2 | 1 | 5 | 9 | |
| GG39 | 2 | 10 | | | |
| G40 | 2 | 6 | 4 | | |
| G41 | 2 | 10 | 4 | | |