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|---------|---|---|---|---|---|---|---|---|----|---|---|---|---|----|---|---|---|---|----|---|---|---|---|----|---|
| gen_sp | M | K | K | — | — | — | — | — | — | L | L | V | I | A | A | L | A | C | G | V | A | T | A | Q | A |
| nat_sp0 | M | K | T | — | — | — | — | — | — | K | L | L | V | L | A | V | A | L | S | V | A | S | A | Q | A |
| nat_sp1 | M | K | K | — | — | — | — | — | T | L | L | A | A | A | L | L | A | G | F | A | G | A | A | Q | A |
| nat_sp2 | M | K | K | L | L | V | A | S | S | A | S | A | A | L | F | A | V | G | V | G | A | N | A | H | A |
| nat_sp3 | M | K | K | — | — | — | — | T | A | I | A | I | A | V | A | L | A | G | F | A | T | V | A | Q | A |
| nat_sp4 | M | K | K | — | — | — | — | T | A | I | A | I | T | V | A | L | A | G | F | A | T | V | A | Q | A |
| nat_sp5 | M | K | K | L | A | T | L | T | A | L | A | G | A | L | T | M | A | — | V | A | T | A | A | Q | A |
| nat_sp6 | M | K | F | — | — | — | — | — | F | V | L | V | A | I | A | F | A | L | L | A | C | V | A | Q | A |
| nat_sp7 | M | K | R | — | — | — | — | K | V | L | A | L | V | I | P | A | L | L | A | A | G | A | A | H | A |
| nat_sp8 | M | K | S | — | — | — | L | L | V | V | A | A | V | L | A | V | G | A | L | A | Q | G | D | D | A |
| nat_sp9 | M | K | K | — | — | — | — | T | A | I | A | L | A | V | A | L | A | G | F | A | T | V | A | Q | A |
| | | | | 5 | | | | | 10 | | | | | 15 | | | | | 20 | | | | | 25 | |