

|         |   |   |   |   |   |   |   |   |   |    |   |   |   |   |    |   |   |   |   |    |   |   |   |   |   |    |   |   |   |   |    |   |  |
|---------|---|---|---|---|---|---|---|---|---|----|---|---|---|---|----|---|---|---|---|----|---|---|---|---|---|----|---|---|---|---|----|---|--|
| gen_sp  | – | – | M | S | N | K | P | – | A | K  | C | L | – | – | –  | A | V | L | A | A  | I | A | T | L | S | A  | T | Q | A | – | –  | – |  |
| nat_sp0 | M | N | K | T | W | K | K | – | A | A  | T | V | – | – | –  | L | A | F | A | G  | I | A | – | L | S | A  | T | A | – | – | –  | – |  |
| nat_sp1 | – | M | K | N | W | I | K | – | – | –  | – | – | – | – | –  | V | A | V | A | A  | I | A | – | L | S | A  | A | T | V | Q | A  | – |  |
| nat_sp2 | – | – | M | K | W | C | K | R | G | Y  | V | L | – | – | –  | A | A | I | L | A  | L | A | – | S | A | T  | I | Q | A | – | –  | – |  |
| nat_sp3 | – | – | – | – | M | N | K | P | S | K  | F | A | – | – | –  | L | A | L | A | F  | A | A | – | V | T | A  | S | G | V | A | S  | A |  |
| nat_sp4 | – | – | M | I | S | N | K | – | I | A  | I | L | – | – | –  | L | A | V | L | V  | V | A | – | V | A | C  | A | Q | A | – | –  | – |  |
| nat_sp5 | – | – | – | – | – | – | – | – | M | K  | A | K | – | – | –  | L | L | V | L | L  | C | A | – | L | S | A  | T | D | A | – | –  | – |  |
| nat_sp6 | – | – | M | A | Y | S | K | – | I | T  | L | L | – | – | –  | A | A | L | A | A  | I | A | – | Y | A | Q  | T | Q | A | – | –  | – |  |
| nat_sp7 | – | M | S | F | F | T | K | – | T | A  | Q | L | V | S | G  | A | A | V | A | A  | T | L | – | F | T | A  | T | A | Q | A | –  | – |  |
| nat_sp8 | – | – | – | – | M | S | P | – | T | A  | C | V | – | – | –  | L | V | L | A | L  | A | A | – | L | R | A  | T | G | – | – | –  | – |  |
| nat_sp9 | – | M | P | S | A | K | P | – | L | F  | C | L | – | – | –  | A | T | L | A | G  | A | A | – | L | A | A  | P | – | – | – | –  | – |  |
|         |   |   |   |   | 5 |   |   |   |   | 10 |   |   |   |   | 15 |   |   |   |   | 20 |   |   |   |   |   | 25 |   |   |   |   | 30 |   |  |