

| Nucleotide (Nt) sites | Nt | Nt | Nt | Nt | Nt | Nt | Nt |
|-----------------------|----|----|----|----|----|----|----|
|                       | 1  | 1  | 1  | 1  | 1  | 1  | 1  |
|                       | 0  | 1  | 2  | 2  | 4  | 5  | 5  |
|                       | 0  | 6  | 1  | 4  | 0  | 1  | 2  |
|                       | 7  | 0  | 7  | 5  | 0  | 2  | 6  |
| AA change             |    |    |    | E  |    | A  | S  |
|                       |    |    |    | 3  |    | 4  | 4  |
|                       |    |    |    | 8  |    | 7  | 8  |
|                       |    |    |    | 7  |    | 6  | 0  |
|                       |    |    |    | K  |    | T  | R  |
| OVIS_PRLR1            | C  | G  | G  | A  | C  | G  | C  |
| OVIS_PRLR2            | C  | G  | G  | A  | C  | A  | C  |
| OVIS_PRLR3            | C  | G  | G  | G  | C  | G  | G  |
| OVIS_PRLR4            | C  | A  | A  | G  | C  | G  | C  |
| OVIS_PRLR5            | T  | G  | G  | A  | C  | G  | C  |
| OVIS_PRLR6            | C  | G  | A  | G  | T  | G  | C  |