

| Genomic | | | | Subgenomic N | | | | Subgenomic E | | | |
|---------|----------------------|---------|--------|--------------|----------------------|---------|--------|--------------|----------------------|---------|--------|
| | Pharyngeal | p-value | Symbol | | Pharyngeal | p-value | Symbol | | Pharyngeal | p-value | Symbol |
| | 20 mg/kg vs. control | 0.0043 | ** | | 20 mg/kg vs. control | 0.0036 | ** | | 20 mg/kg vs. control | 0.0056 | ** |
| | 6 mg/kg vs. control | 0.0154 | * | | 6 mg/kg vs. control | 0.0036 | ** | | 6 mg/kg vs. control | 0.0056 | ** |
| | 2 mg/kg vs. control | 0.2738 | ns | | 2 mg/kg vs. control | 0.3367 | ns | | 2 mg/kg vs. control | 0.1177 | ns |
| | Delayed Challenge | 0.9173 | ns | | Delayed Challenge | 0.7044 | ns | | Delayed Challenge | 0.1125 | ns |
| | Nasal | | | | Nasal | | | | Nasal | | |
| | 20 mg/kg vs. control | 0.1307 | ns | | 20 mg/kg vs. control | 0.0272 | * | | 20 mg/kg vs. control | 0.0259 | * |
| | 6 mg/kg vs. control | 0.0804 | ns | | 6 mg/kg vs. control | 0.0101 | * | | 6 mg/kg vs. control | 0.0399 | * |
| | 2 mg/kg vs. control | 0.2738 | ns | | 2 mg/kg vs. control | 0.2719 | ns | | 2 mg/kg vs. control | 0.0322 | * |
| | Delayed Challenge | >0.9999 | ns | | Delayed Challenge | 0.3218 | ns | | Delayed Challenge | 0.0124 | * |
| | Bronchial Brush | | | | Bronchial Brush | | | | Bronchial Brush | | |
| | 20 mg/kg vs. control | 0.6669 | ns | | 20 mg/kg vs. control | 0.2849 | ns | | 20 mg/kg vs. control | 0.1006 | ns |
| | 6 mg/kg vs. control | 0.0801 | ns | | 6 mg/kg vs. control | 0.0685 | ns | | 6 mg/kg vs. control | 0.1006 | ns |
| | 2 mg/kg vs. control | 0.1205 | ns | | 2 mg/kg vs. control | 0.0685 | ns | | 2 mg/kg vs. control | 0.1006 | ns |
| | Delayed Challenge | 0.0087 | ** | | Delayed Challenge | 0.0051 | ** | | Delayed Challenge | 0.1527 | ns |
| | BAL Cells | | | | BAL Cells | | | | BAL Cells | | |
| | 20 mg/kg vs. control | 0.0677 | ns | | 20 mg/kg vs. control | 0.7055 | ns | | 20 mg/kg vs. control | 0.0033 | ** |
| | 6 mg/kg vs. control | 0.1409 | ns | | 6 mg/kg vs. control | 0.8805 | ns | | 6 mg/kg vs. control | 0.0033 | ** |
| | 2 mg/kg vs. control | 0.0621 | ns | | 2 mg/kg vs. control | >0.9999 | ns | | 2 mg/kg vs. control | 0.0033 | ** |
| | Delayed Challenge | 0.1252 | ns | | Delayed Challenge | 0.0163 | * | | Delayed Challenge | 0.0078 | ** |