|  |  |  |  |
| --- | --- | --- | --- |
| **Condition** | **VP1 Mutation** | **Loop** | **# of mice** |
| **IgG** | **E68K1 + Δ297(H)4** **and****N149K2 + Δ297(H)4** | **BC1 + HI4****and****DE2 + HI4** | **1** |
| **E87K1 + Δ297(H)4** | **BC1 + HI4** | **1** |
| **E91V1 + Δ297(H)4** | **BC1 + HI4** | **1** |
| **Δ145-150(TDTVNT) + Δ294(Y)4** | **DE2 + HI4** | **1** |
| **E187K3 + Δ297(H)4** | **EF3 + HI4** | **1** |
| **Δ294(Y)4** | **HI4** | **1** |
| **Δ295(D)4** | **HI4** | **2** |
| **D295N4 + Δ296(F)4** | **HI4** | **1** |
| **V296F4** | **HI4** | **1** |
| **αCD4 + αCD8** | **I79S1 + Δ295(D)4****and****N80K1 + Δ295(D)4** | **BC1 + HI4** | **1** |
| **K151dup2 + Δ297(H)4** | **DE2 + HI4** | **1** |
| **Δ292(R)4 + Y294H4** | **HI4** | **1** |
| **Y294D4** | **HI4** | **1** |
| **Δ295(D)4** | **HI4** | **7** |
| **D295A4 + Δ297(H)4** | **HI4** | **2** |
| **D295N4 + Δ297(H)4** | **HI4** | **1** |
| **αCD4**  | **E68K1 + Δ297(H)4** | **BC1 + HI4** | **1** |
| **E87K1 + Δ297(H)4** | **BC1 + HI4** | **1** |
| **Δ147-148(TV)2 + Δ297(H)4****and** **D295N4 + Δ297(H)4** | **DE2 + HI4****and****HI4** | **1** |
| **N293K4 + Δ297(H)4** | **HI4** | **2** |
| **N293K4 + Δ298(H)4** | **HI4** | **2** |
| **Δ295(D)4** | **HI4** | **2** |
| **D295A4 + Δ297(H)4** | **HI4** | **1** |
| **D295N4 + Δ297(H)4** | **HI4** | **1** |
| **αCD8** | **Δ295(D)4** | **HI4** | **4** |