S8 Table: The AIC score for increased viral clearance, viral neutralization, protection, and improved antigen presentation mechanisms for the baseline effector cell source (BL) model, saturated source (SS) model, and antigen presenting cell source (APCS) model for macaque RSd14 RSd14 Mechanism SS Model APCS Model

Viral clearance	101.56	118.96	153.40
Virus neutralization	111.10	122.21	141.20
Protection	103.18	118.46	120.90

Protection

Antigen presentation

Antigen presentation with viral clearance

103.18104.90

105.66

99.50

104.95

113.83

116.50