A   **2-5 YEARS**

2367   *IC50=5.84e-05*
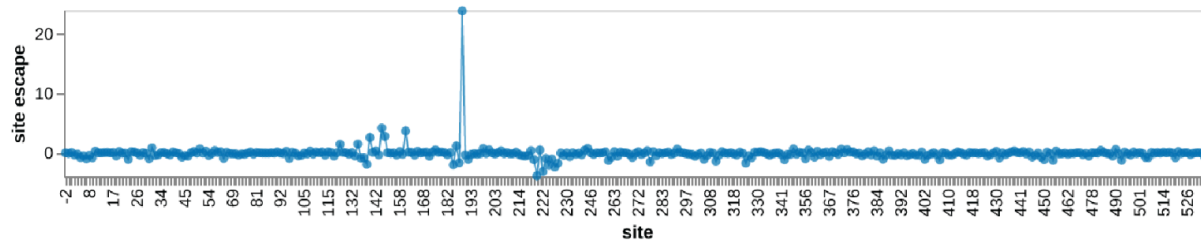
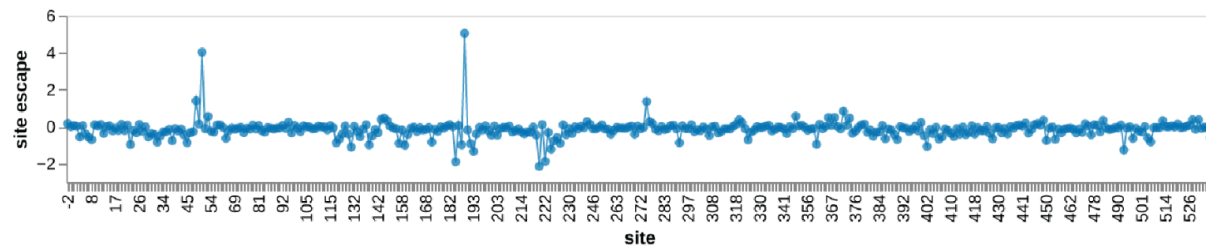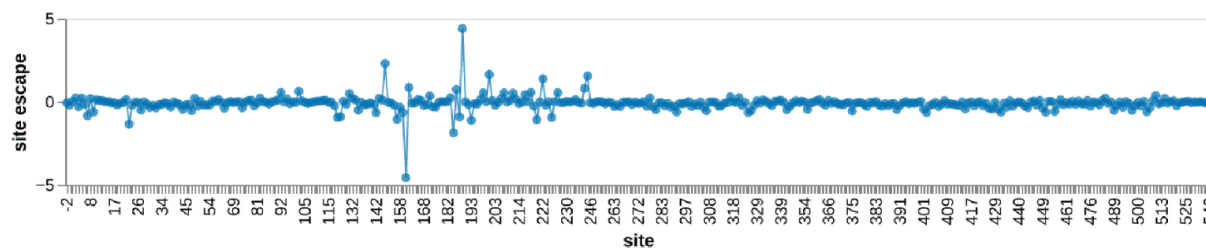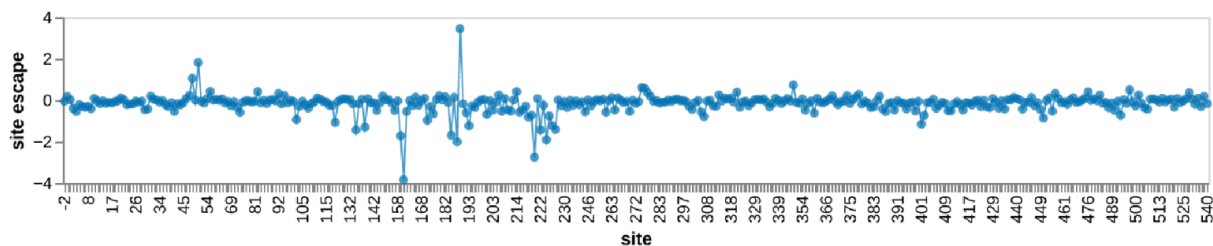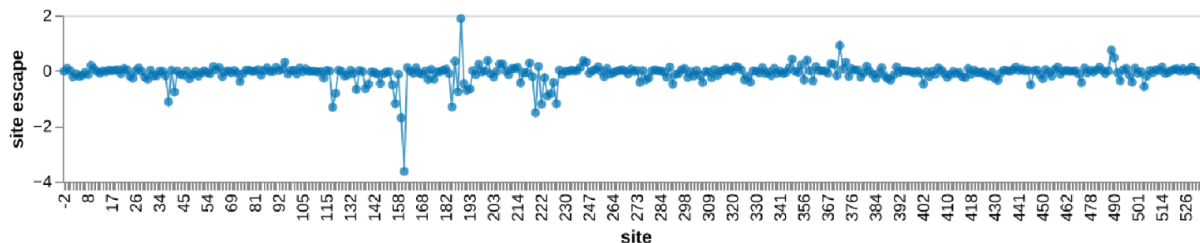**3944**   *IC50=1.54e-04*
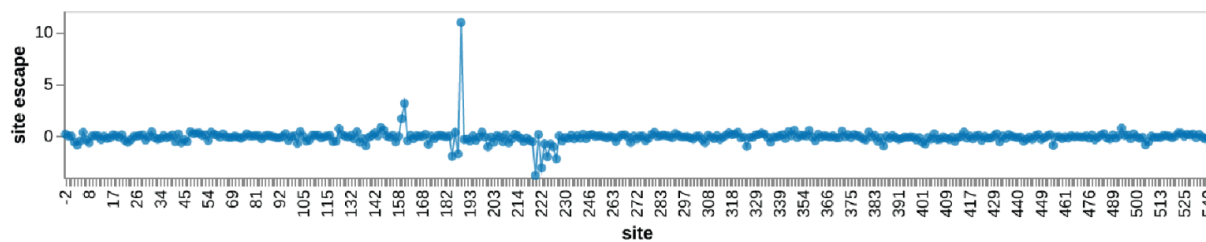
2323   *IC50=1.02e-03*
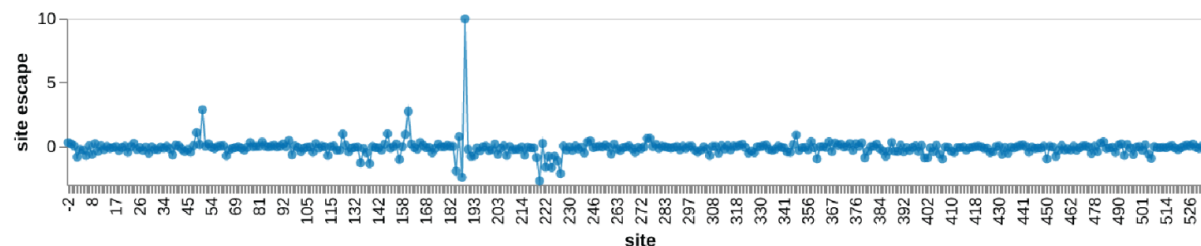
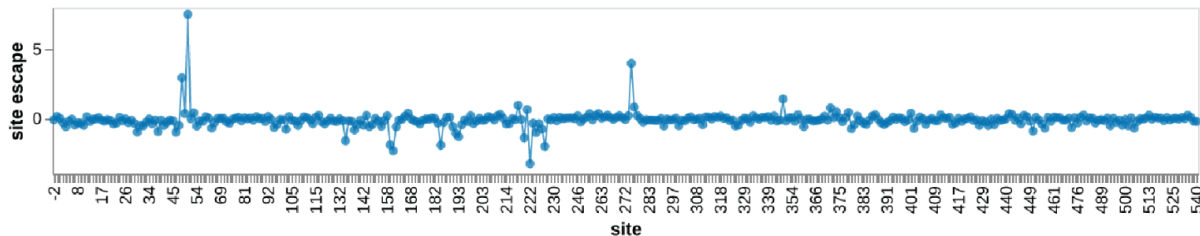**2389**   *IC50=1.68e-03*

2388   *IC50=1.91e-03*

4299 *IC50=3.87e-03*   **(2-5 YEARS)**
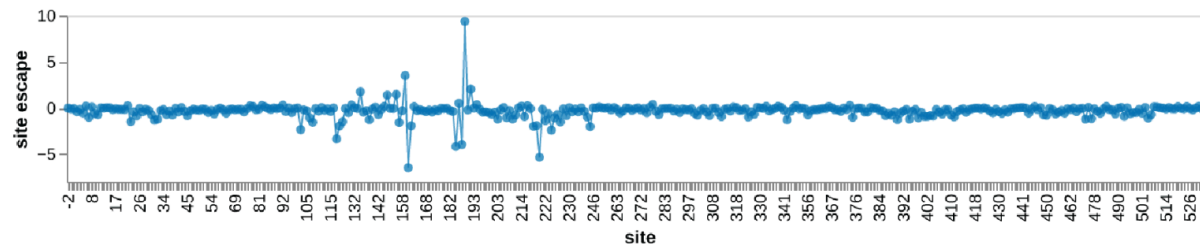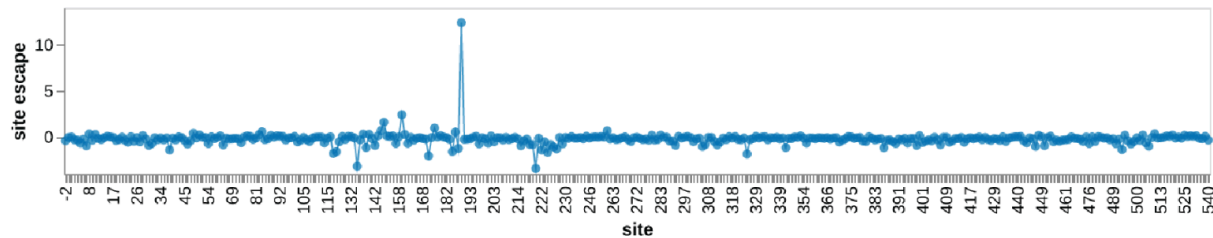

3973 *IC50=4.30e-03*

4584 *IC50=4.63e-03*

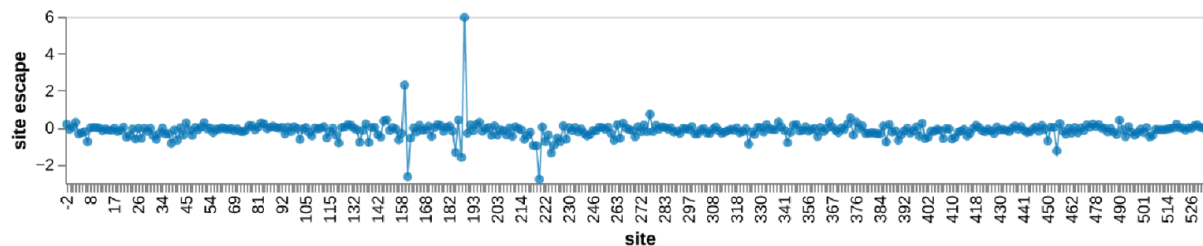**B**   **15-20 YEARS**

2350 *IC50=3.91e-04*

3866 *IC50=3.91e-04*

2365 *IC50=4.56e-04*

2382 *IC50=7.43e-04*
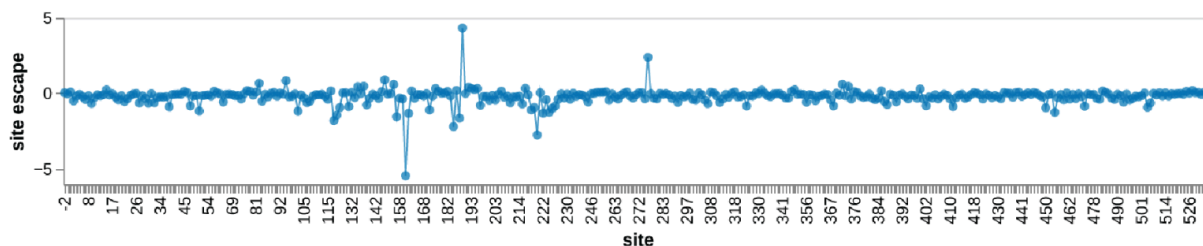
3862 *IC50=9.61e-04*
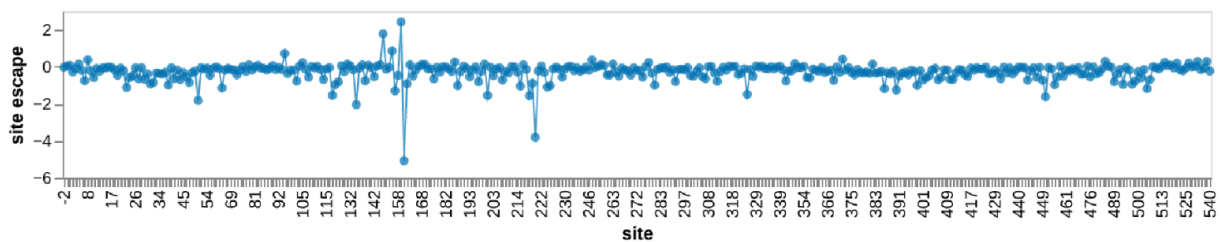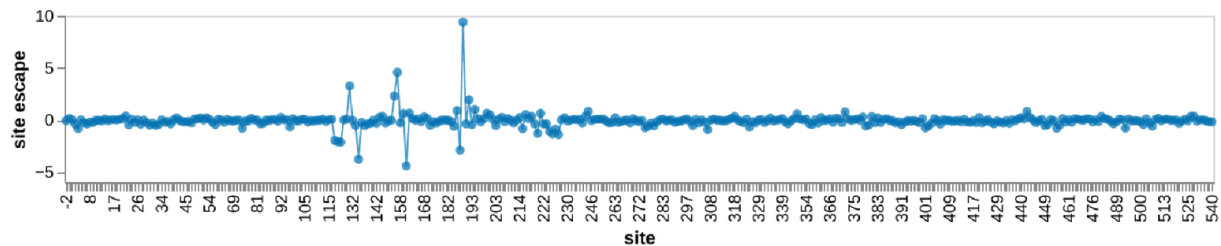

3857 *IC50=2.54e-03*
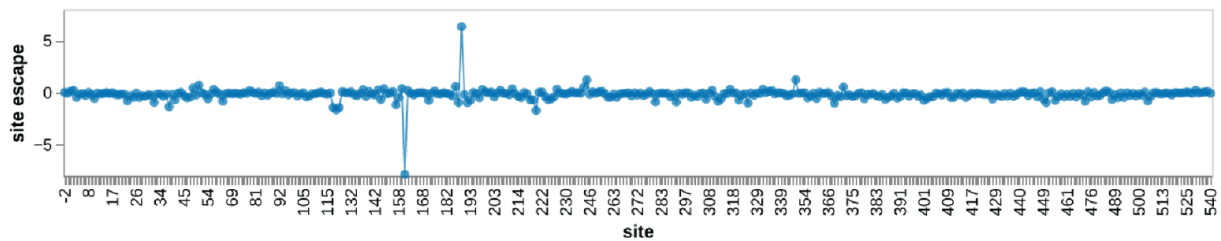
2380 *IC50=3.80e-03*
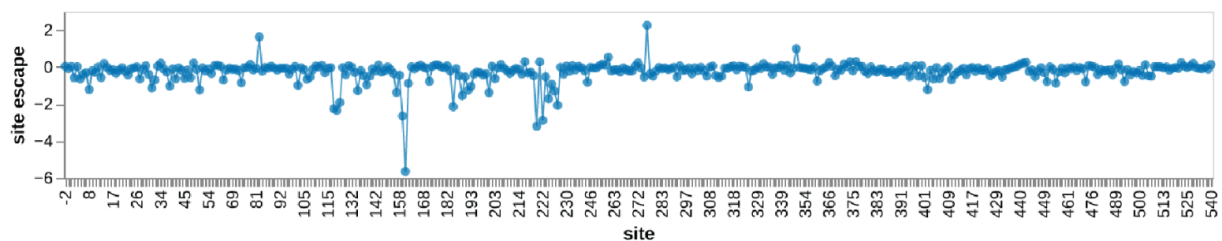
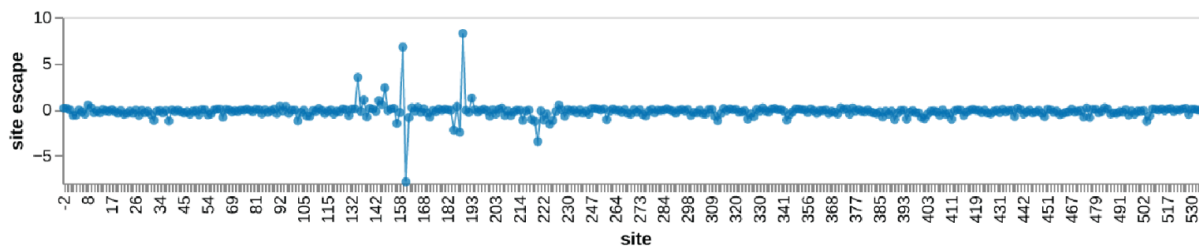**3856** *IC50=4.49e-03*   **(15-20 YEARS)**
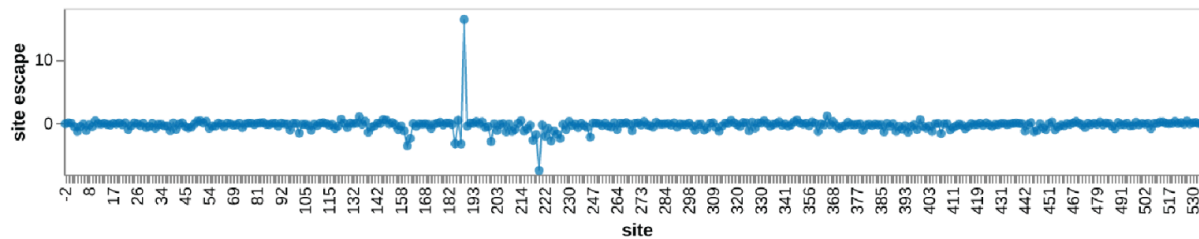

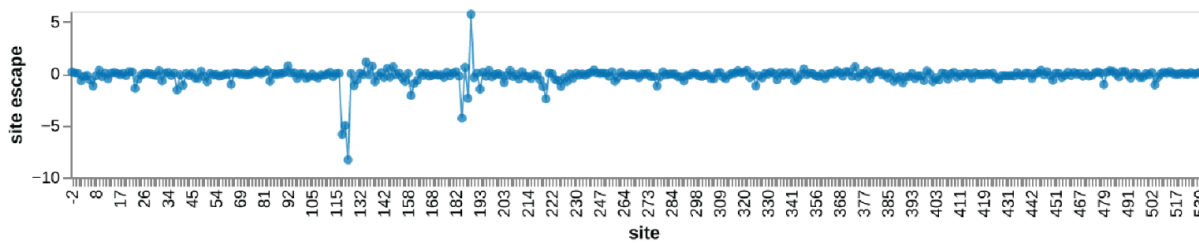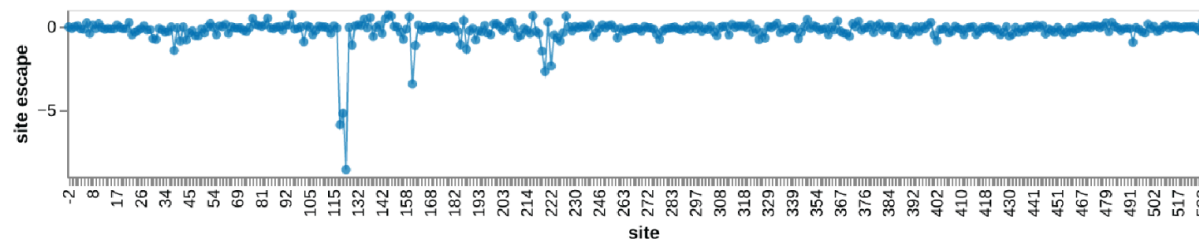**C**   **40-45 YEARS**
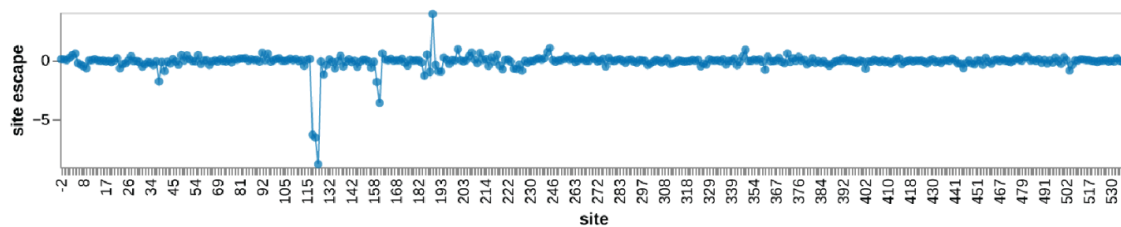
215C *IC50=1.98e-04*
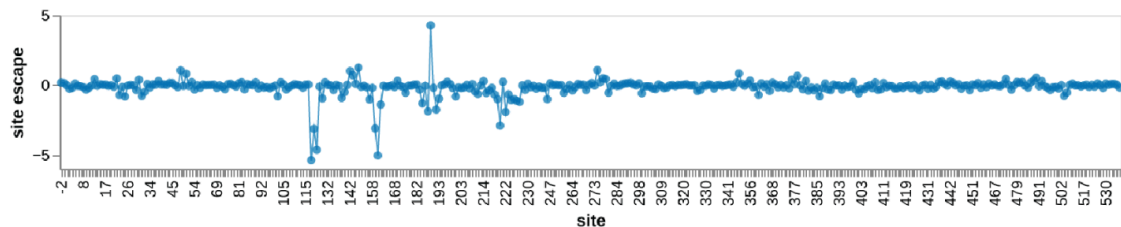

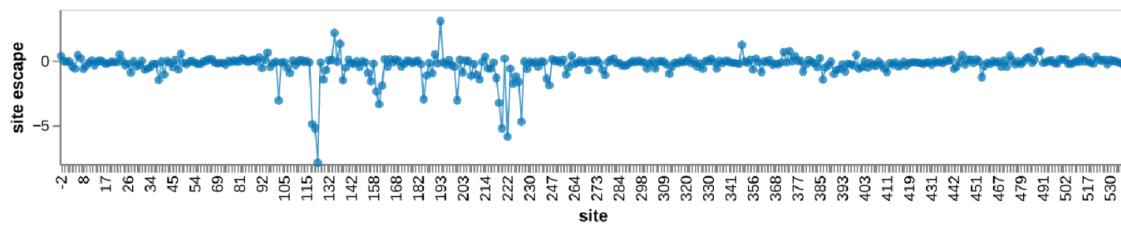**34C** *IC50=2.79e-04*

33C *IC50=1.31e-03*

74C *IC50=2.08e-03*

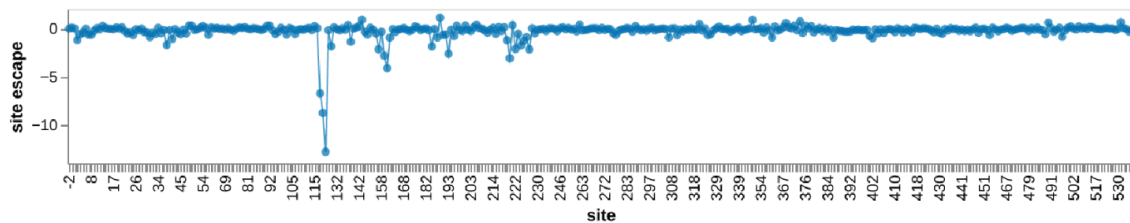**18C**   *IC50=2.78e-03*   **(40-45 YEARS)**

197C   *IC50=3.3e-03*

199C   *IC50=5.08e-03*

210C   *IC50=5.80e-03*

150C   *IC50=6.42e-03*
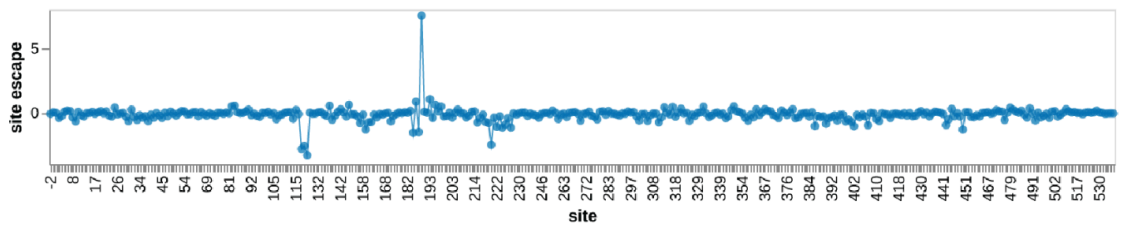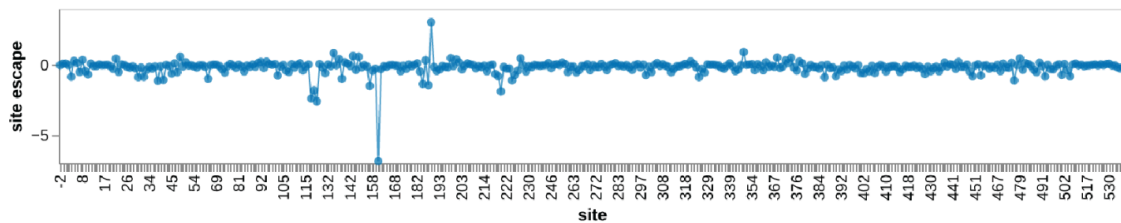
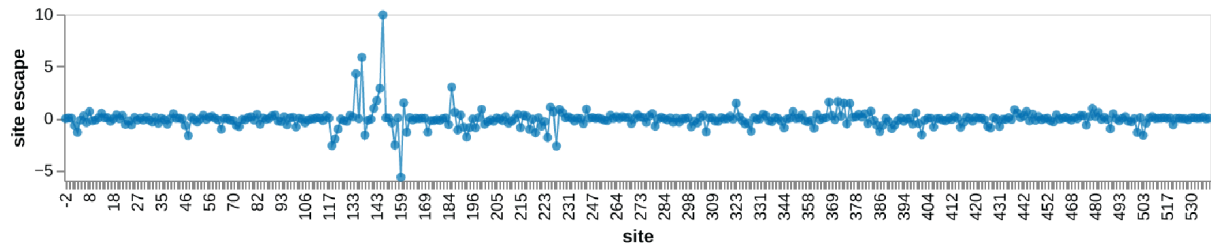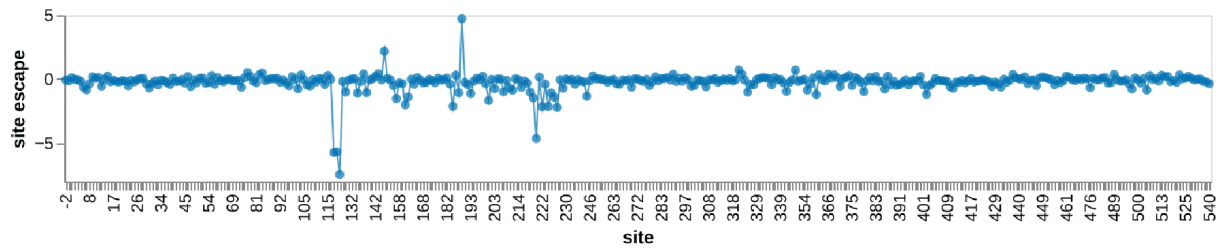**68C**   *IC50=7.19e-03*

D   **68 YEARS**

AUSAB-13   *IC50=7.50e-05*

E   **INFANT (2 months)**

2462   *IC50=1.27e-03*

Individual escape maps for each serum in the 2020 cohort, analyzed against the A/Hong Kong/45/2019 library. Line plots show summed escape scores of each sampled mutation at that site. Sera are ordered by decreasing potency within each age group, with IC50s labeled for each serum. (A) Child sera, (B) teenage sera, (C) adult sera, (D) elderly serum, and (E) infant serum.