

Extended Data Table 2| The quantity of potential AMPs identified among NRSPDs.

NRSPDs	Total	m_AMPs	m_AMPs_nontox
8-10AAs	90,387,710	35,542,378 (39.3%)	23854081 (26.4%)
11-15AAs	114,045,664	40,651,897 (35.6%)	27,794,568 (24.3%)
16-20AAs	83,547,524	21,765,145 (26.1%)	14,686,277 (17.6%)
21-25AAs	67,076,273	13,897,562 (20.7%)	9,585,442 (14.3%)
26-30AAs	55,135,106	9,548,829 (17.3%)	6,774,560 (12.3%)
Total	410,192,277	121,405,811 (29.6%)	82,694,928 (20.2%)