[DNN] Hypergeometric test: Collapsing analysis vs mantis-ml predictions primary vs shuffle p-value:3.2168642488348787e-16 >> Focusing on significant area only: primary -- area: 4.39 synonymous -- area: 0.0 common -- area: 0.0 shuffle -- area: 0.0 > primary / synonymous ratio: NA > primary / shuffle ratio: NA 50 >> Entire area: primary -- area: 230.35 synonymous -- area: 100.9 common -- area: 176.66 shuffle -- area: 23.31 Phred score from hypergeometric test (significance increasing in positive direction) $\overset{\aleph}{\sim}$ > primary / synonymous ratio: 2.28 > primary / shuffle ratio: 9.88 10 -10 40 Top 5.0% mantis-ml predicted genes

