[SVC] Hypergeometric test: Collapsing analysis vs mantis-ml predictions primary vs shuffle p-value:9.002974950581911e-82 >> Focusing on significant area only: primary -- area: 8.5 synonymous -- area: 0.32 common -- area: 0.0 shuffle -- area: 0.0 > primary / synonymous ratio: 26.56 > primary / shuffle ratio: NA 50 >> Entire area: primary -- area: 240.9 synonymous -- area: 106.78 common -- area: 189.54 shuffle -- area: 56.32 Phred score from hypergeometric test (significance increasing in positive direction) $\overset{\aleph}{\sim}$ > primary / synonymous ratio: 2.26 > primary / shuffle ratio: 4.28 10 -10 30 40 Top 5.0% mantis-ml predicted genes

