[GradientBoostingClassifier] Hypergeometric test: Collapsing analysis vs mantis-ml predictions primary vs shuffle p-value:9.210667082353522e-188 >> Focusing on significant area only: primary -- area: 246.92 synonymous -- area: 0.0 common -- area: 0.0 shuffle -- area: 0.0 primary / synonymous ratio: NAprimary / shuffle ratio: NA 50 >> Entire area: primary -- area: 646.94 synonymous -- area: 233.66 common -- area: 213.12 shuffle -- area: 8.57 Phred score from hypergeometric test (significance increasing in positive direction) $\overset{\aleph}{\sim}$ > primary / synonymous ratio: 2.77 > primary / shuffle ratio: 75.49 10 10 40 Top 5.0% mantis-ml predicted genes

