[ExtraTreesClassifier] Hypergeometric test: Collapsing analysis vs mantis-ml predictions primary vs shuffle p-value:3.252515958858149e-127 >> Focusing on significant area only: primary -- area: 13.11 synonymous -- area: 1.29 common -- area: 0.87 shuffle -- area: 0.0 > primary / synonymous ratio: 10.16 > primary / shuffle ratio: NA 50 >> Entire area: primary -- area: 329.16 synonymous -- area: 259.57 common -- area: 250.59 shuffle -- area: 42.9 Phred score from hypergeometric test (significance increasing in positive direction) $\overset{\aleph}{\sim}$ > primary / synonymous ratio: 1.27 > primary / shuffle ratio: 7.67 10 -10 40 30 Top 5.0% mantis-ml predicted genes

