[RandomForestClassifier] Hypergeometric test: Collapsing analysis vs mantis-ml predictions primary vs shuffle p-value:1.0919229878042343e-183 >> Focusing on significant area only: primary -- area: 99.85 synonymous -- area: 17.68 common -- area: 0.0 shuffle -- area: 0.0 > primary / synonymous ratio: 5.65 > primary / shuffle ratio: NA 50 >> Entire area: primary -- area: 445.99 synonymous -- area: 309.94 common -- area: 86.79 shuffle -- area: 19.94 Phred score from hypergeometric test (significance increasing in positive direction) $\overset{\aleph}{\sim}$ > primary / synonymous ratio: 1.44 > primary / shuffle ratio: 22.37 10 -10 15 20 30 35 40 Top 5.0% mantis-ml predicted genes

