[Stacking] Hypergeometric test: Collapsing analysis vs mantis-ml predictions
primary vs shuffle p-value:4.222366861257346e-33

>> Focusing on significant area only:

primary -- area: 14199.16
synonymous -- area: 23727.58
common -- area: 13570.89
shuffle -- area: 1878.92
>> Entire area
>> primary / synonymous ratio: 0.6
> primary / shuffle ratio: 7.56
primary -- area: 23903.12
synonymous -- area: 34883.34
common -- area: 24752.87
shuffle -- area: 11813.78
> primary / synonymous ratio: 0.69
> primary / shuffle ratio: 2.02

Legend:
- - - p-val: 0.05
—— primary
—— synonymous
—— common
—— shuffle

Y-axis: Phred score from hypergeometric test (significance increasing in positive direction)

X-axis: Top 5.0% mantis-ml predicted genes