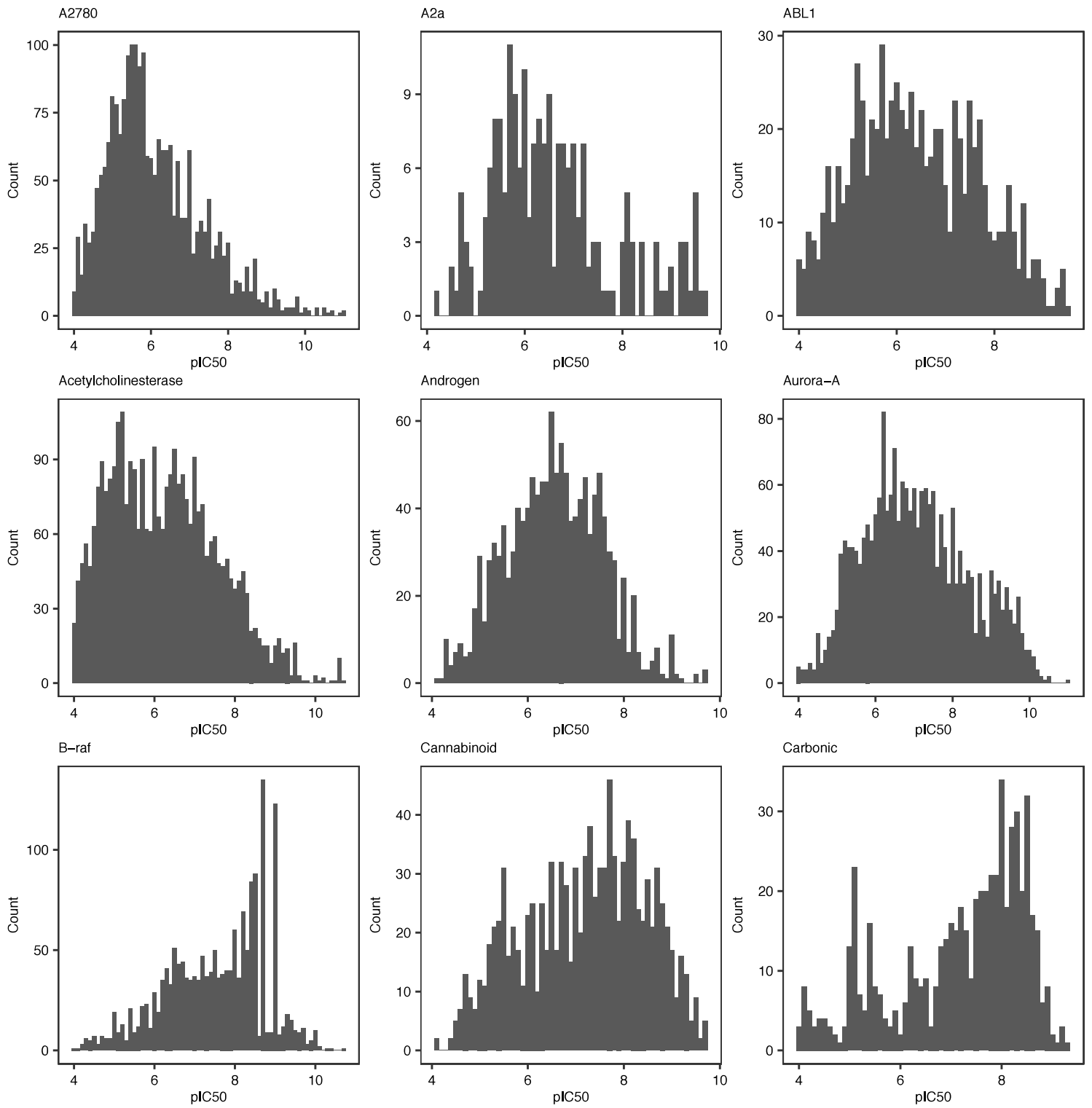
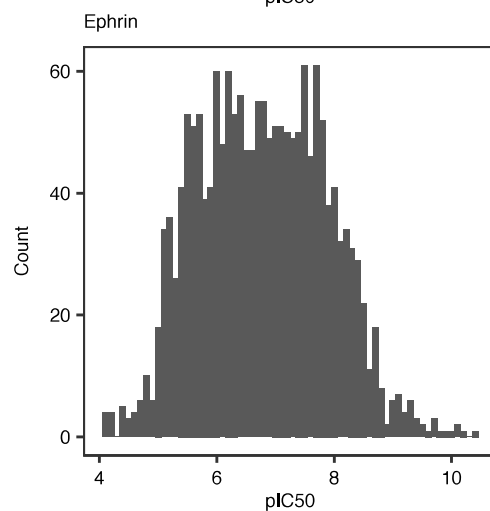
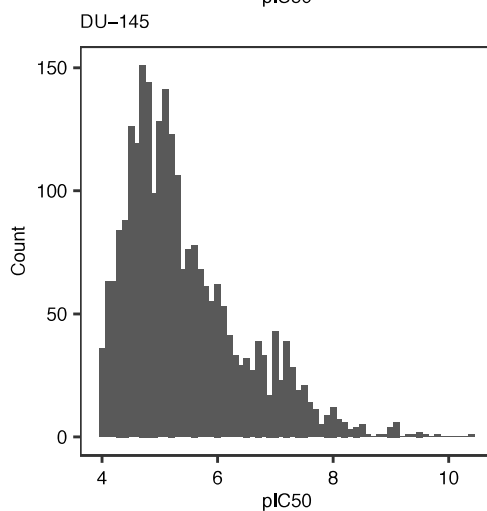
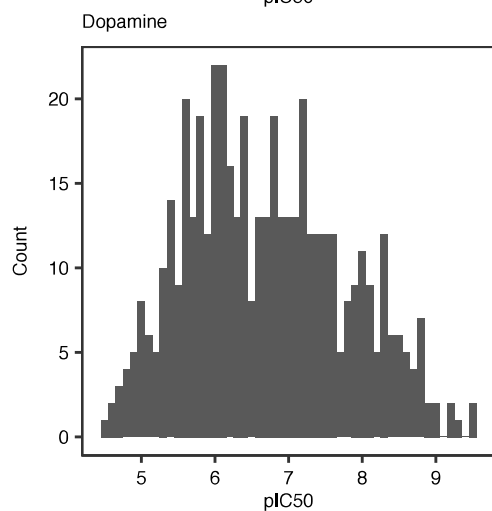
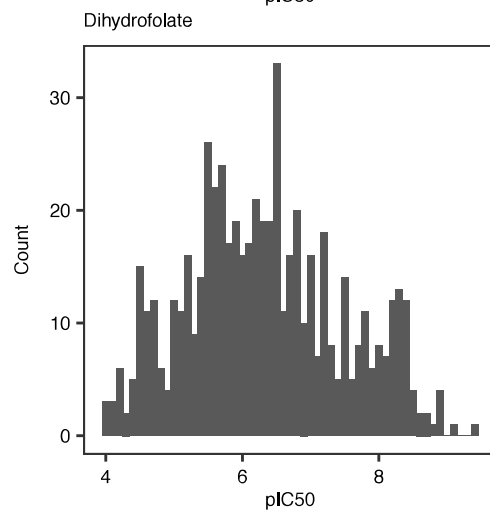
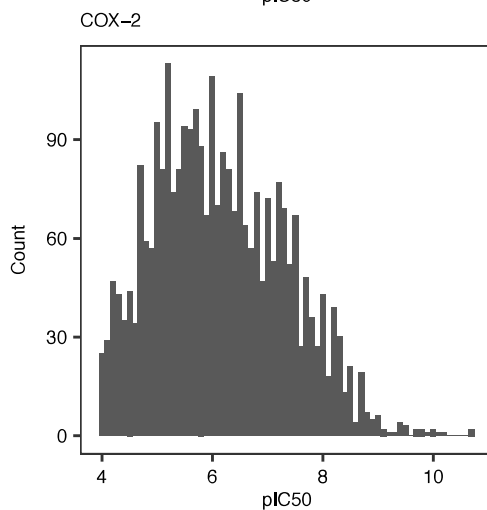
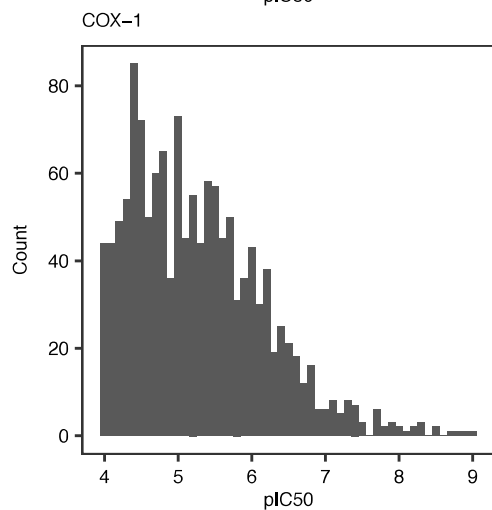
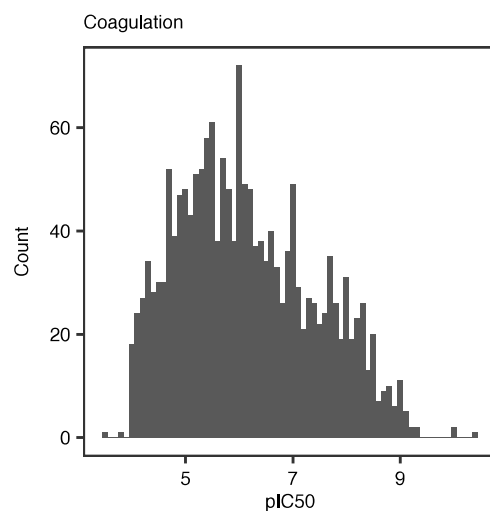
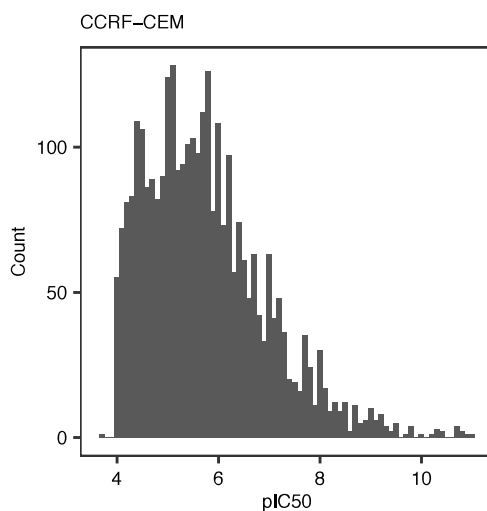
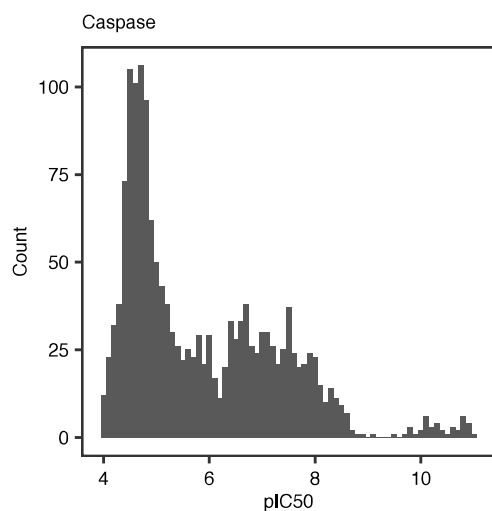
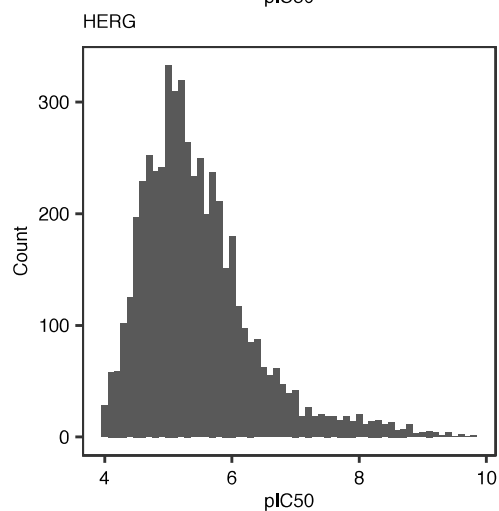
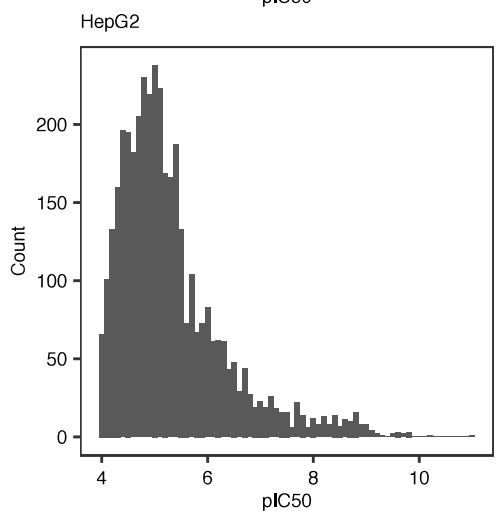
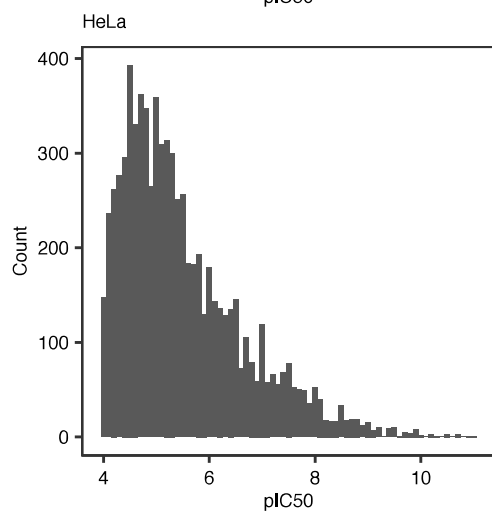
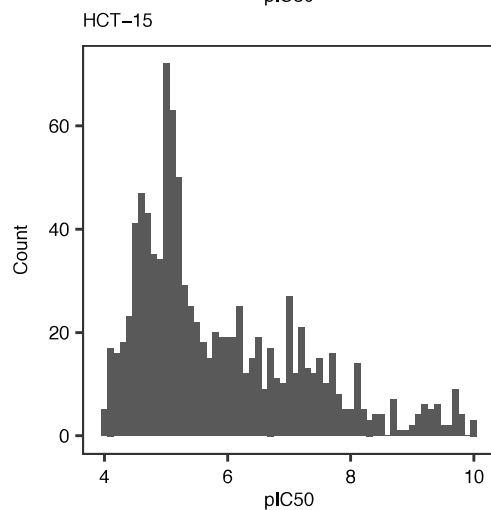
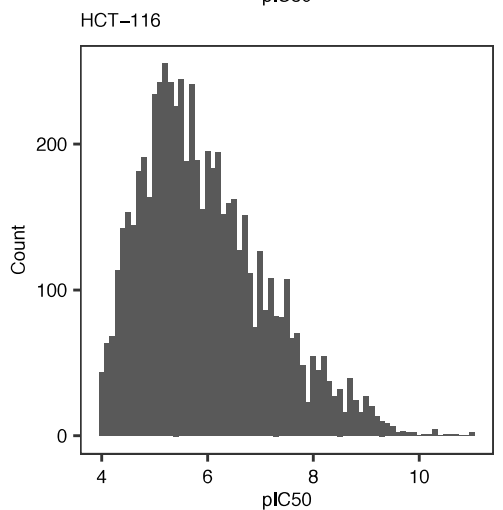
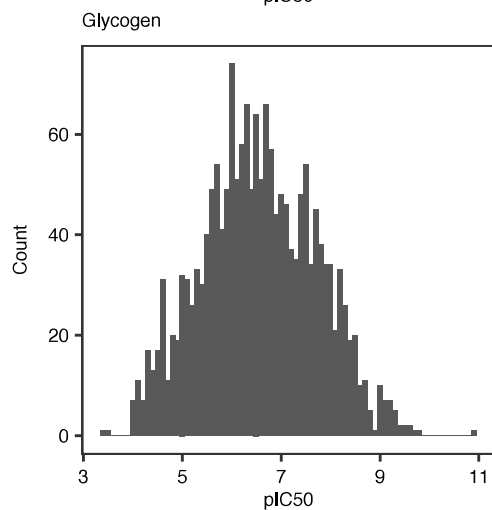
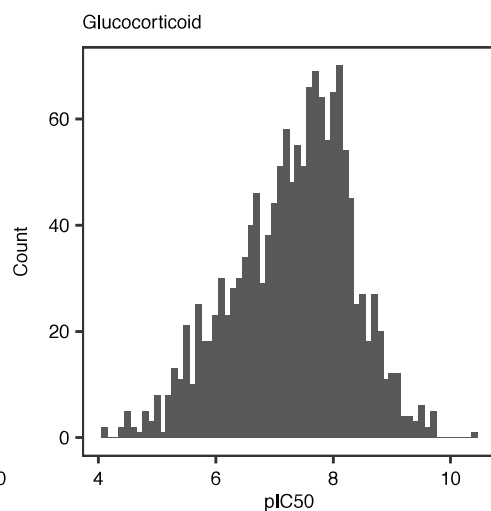
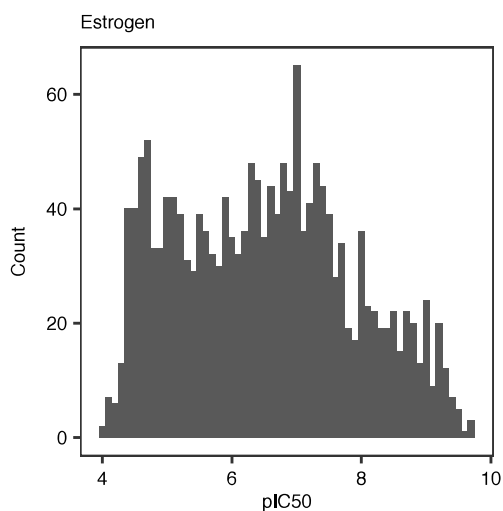
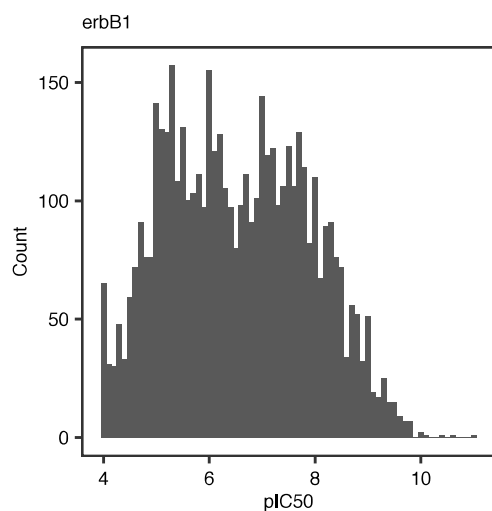
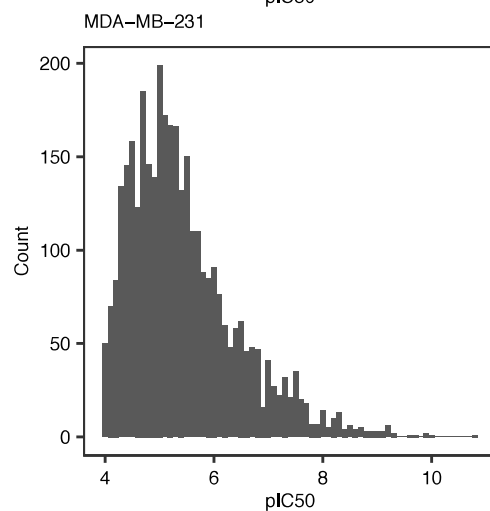
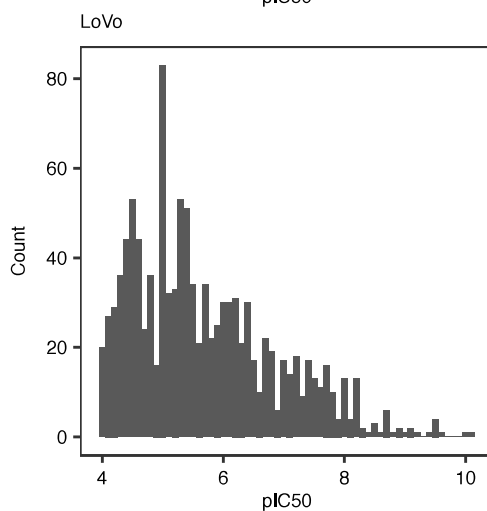
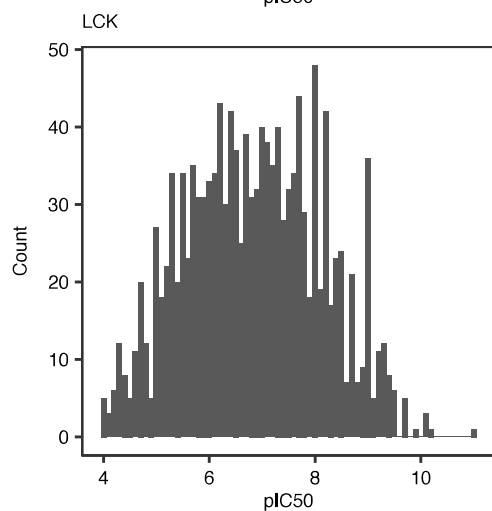
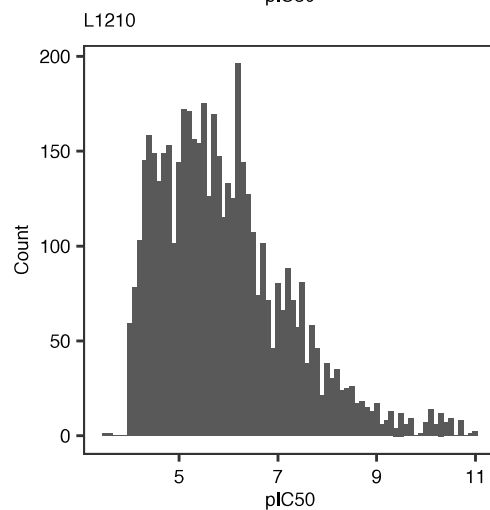
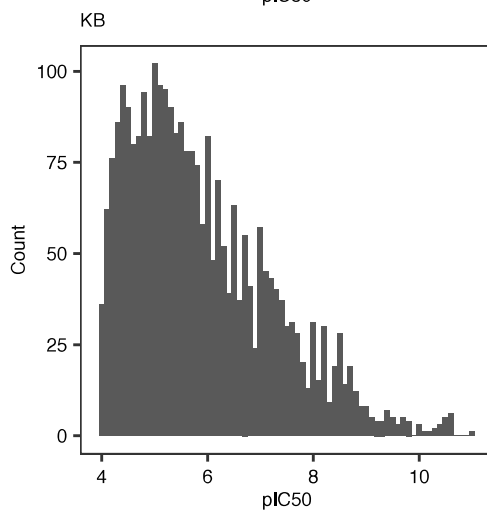
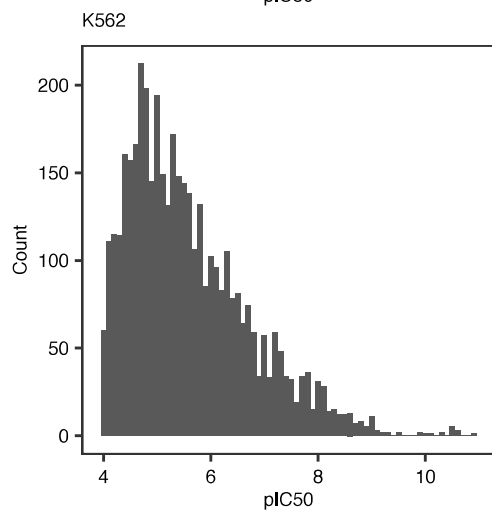
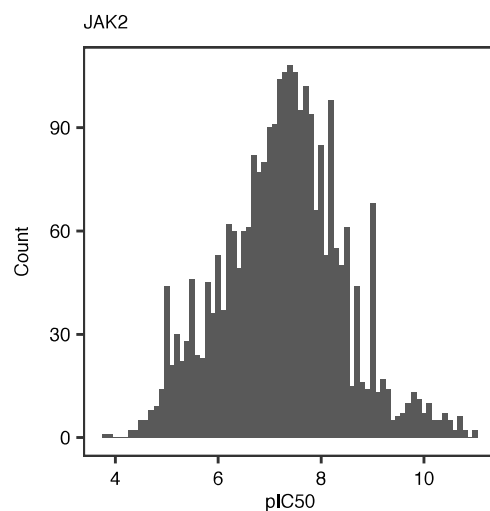
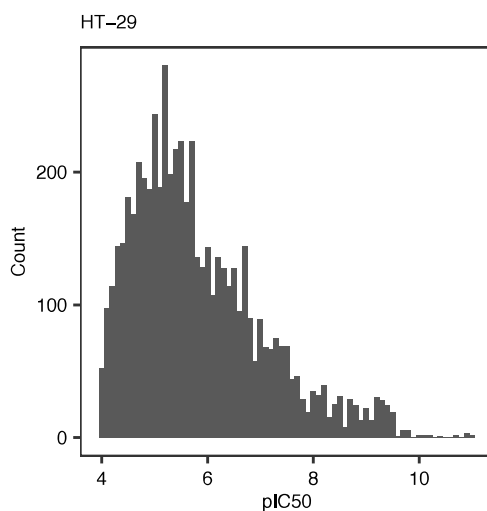
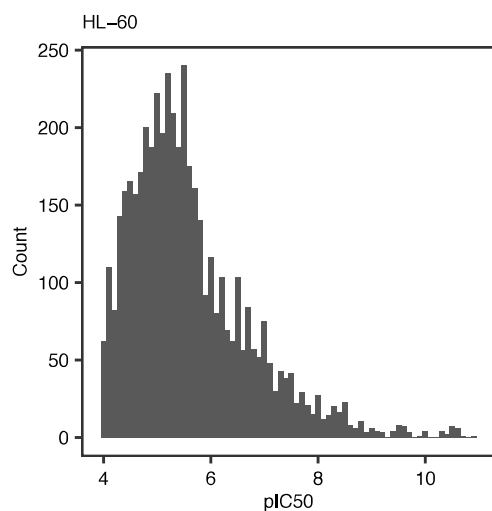


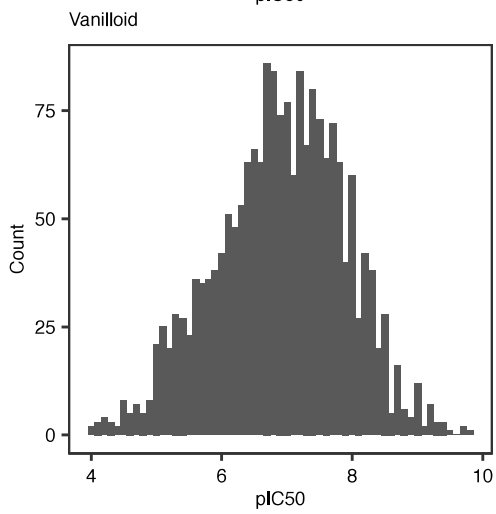
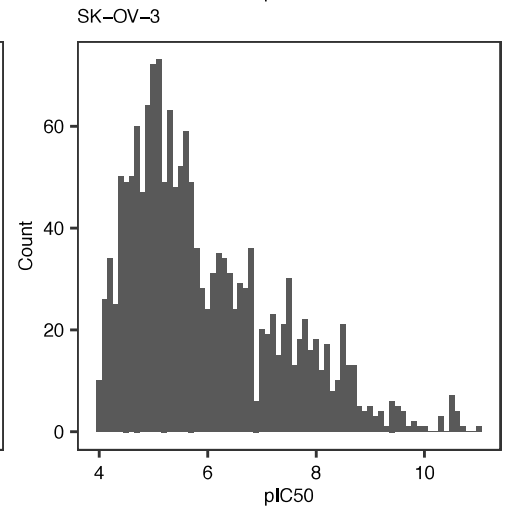
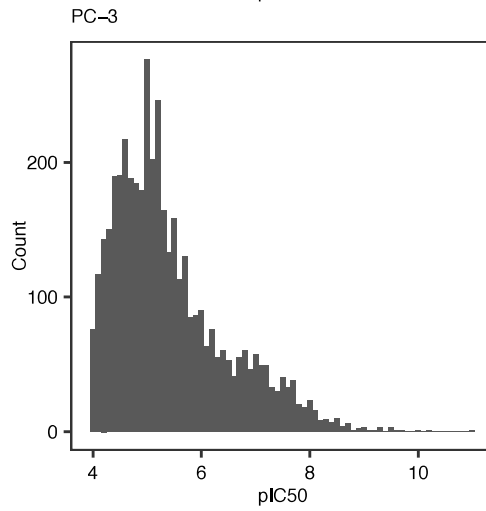
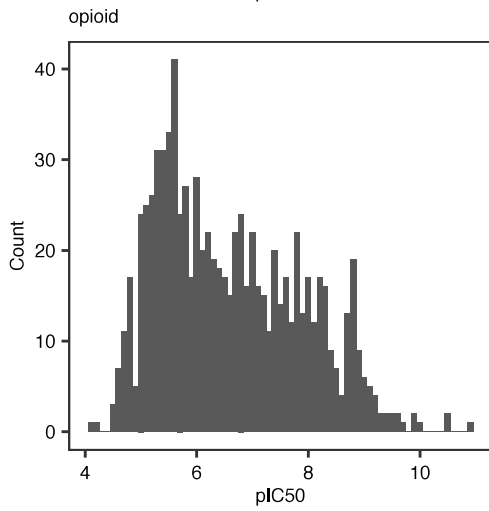
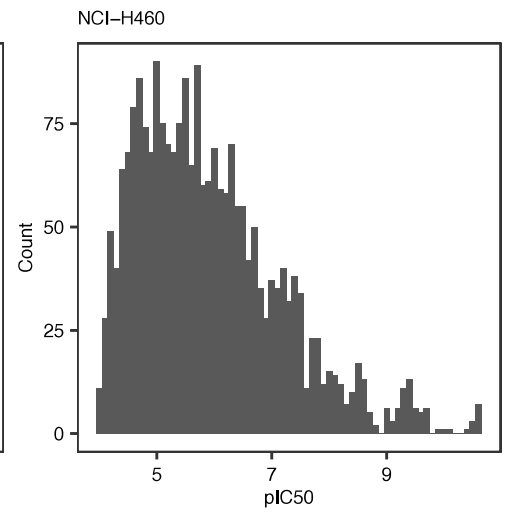
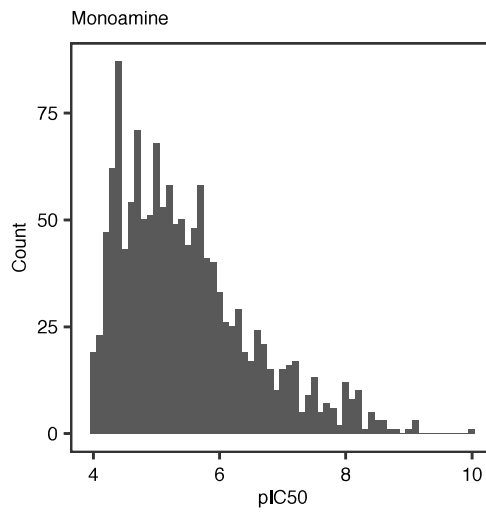
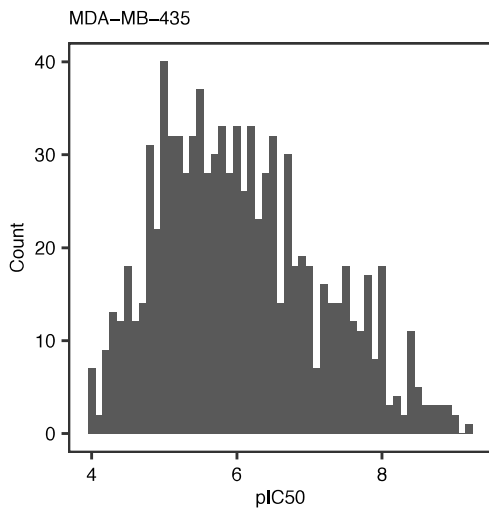
Supplementary Figure 1



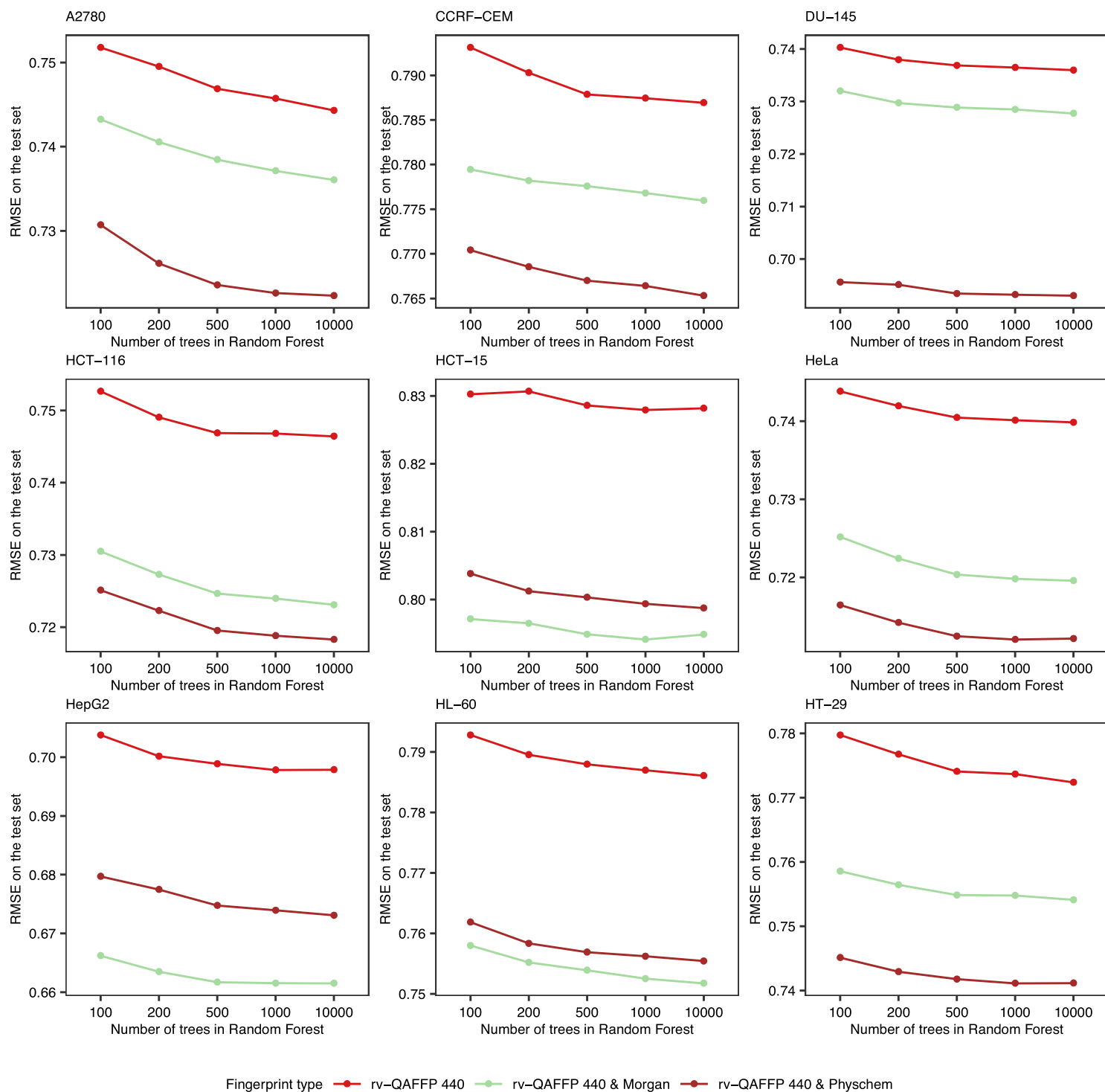


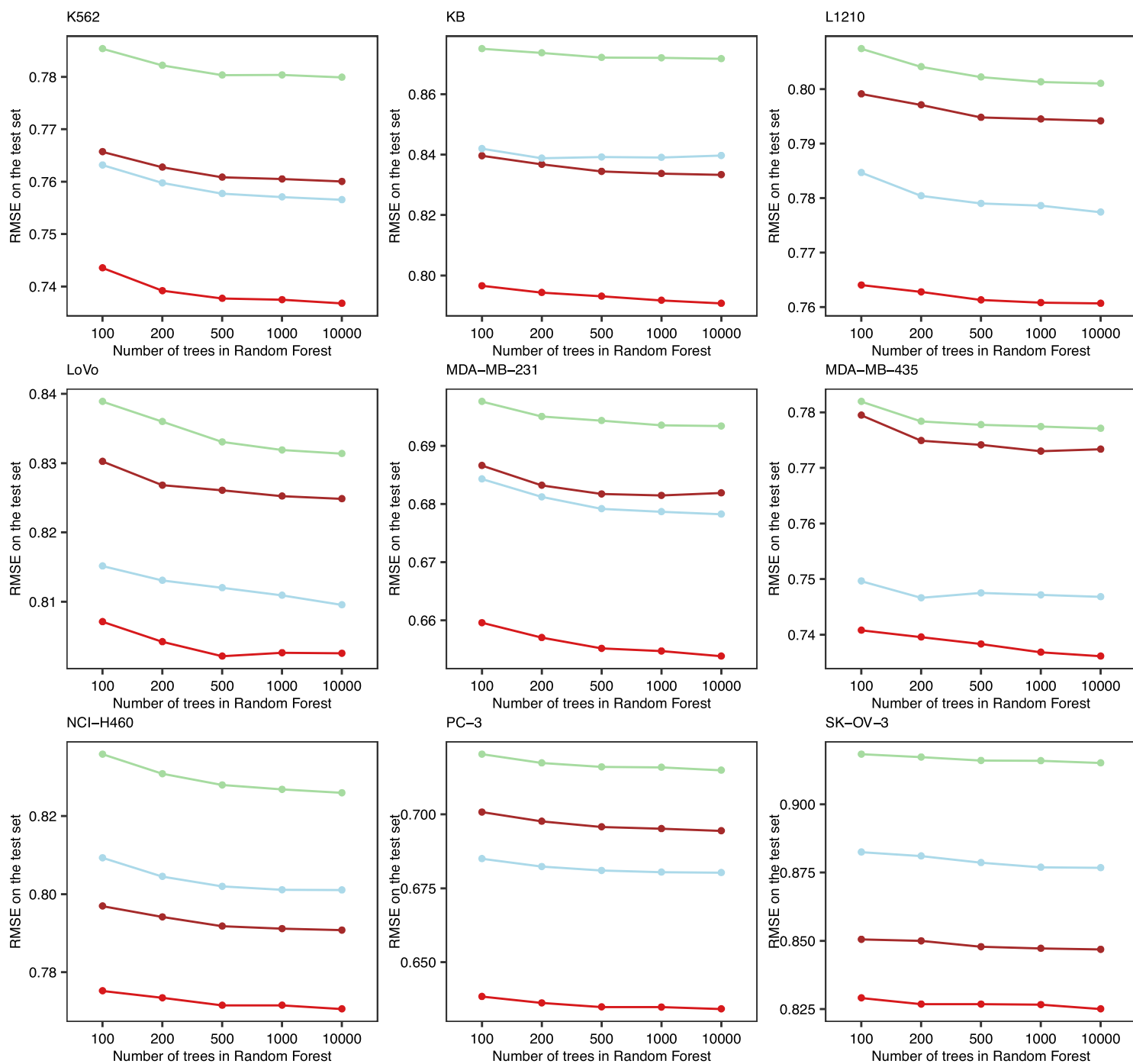






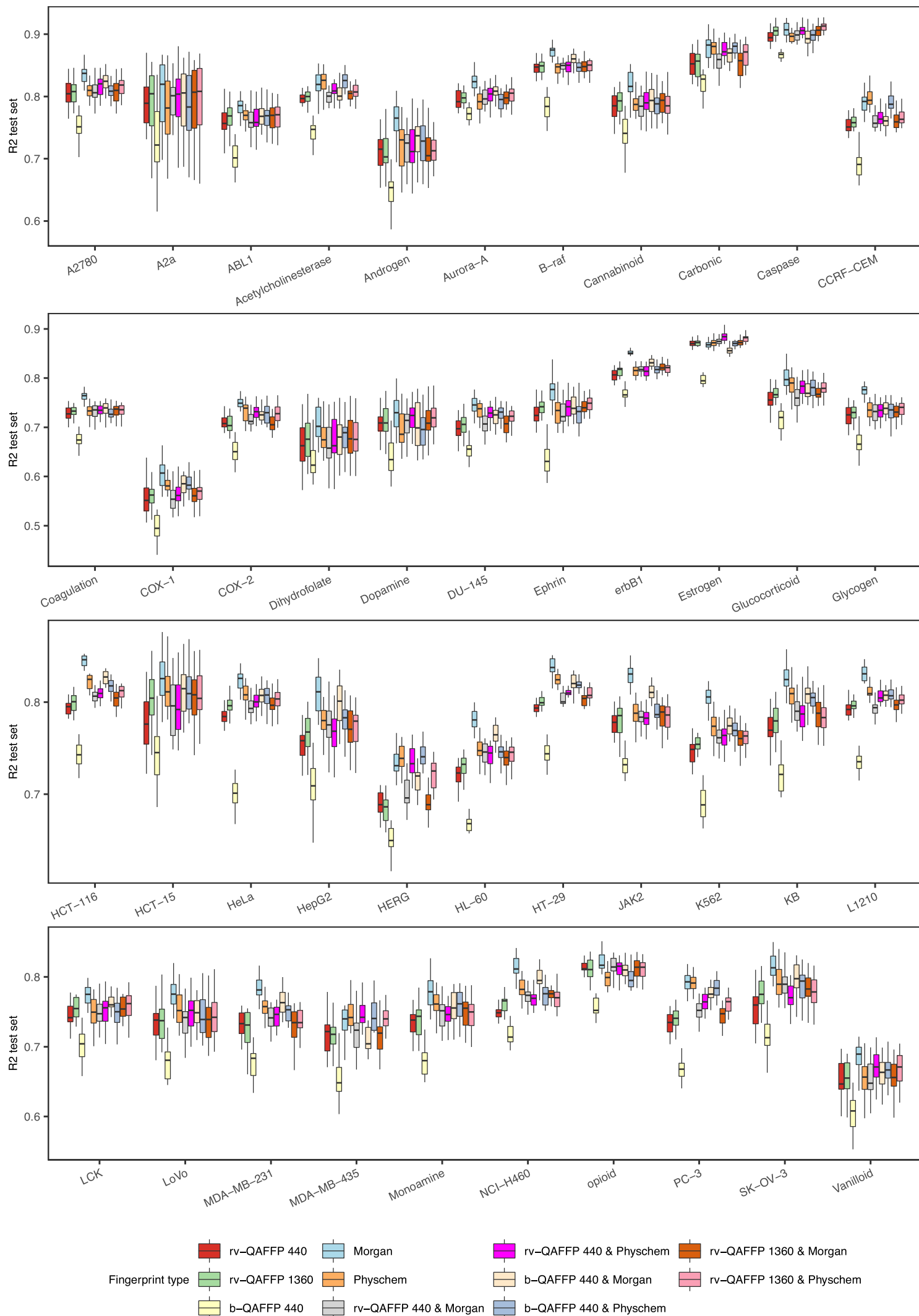
Supplementary Figure 2



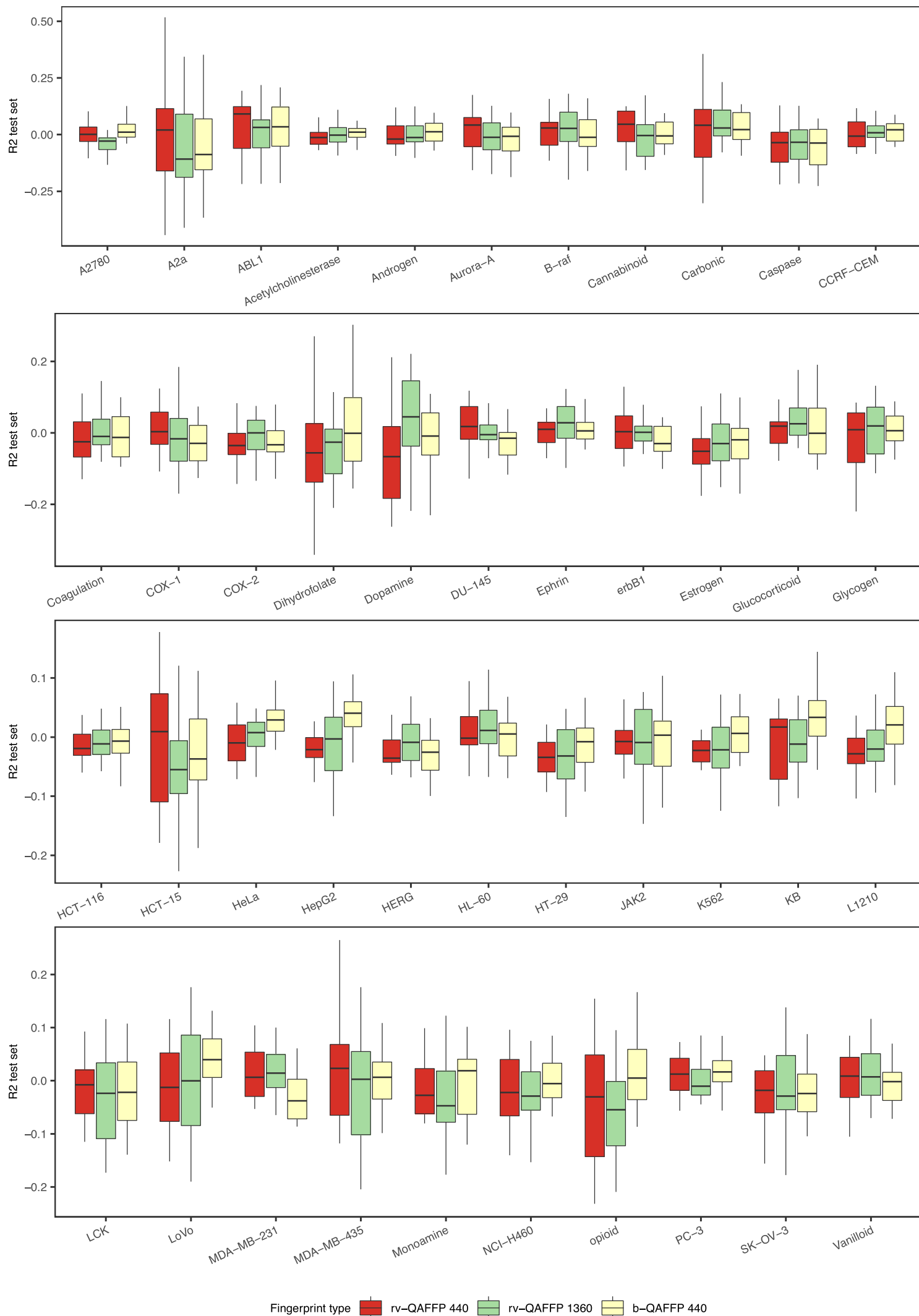


Fingerprint type — Physchem — rv-QAFFP 440 — rv-QAFFP 440 & Morgan — rv-QAFFP 440 & Physchem

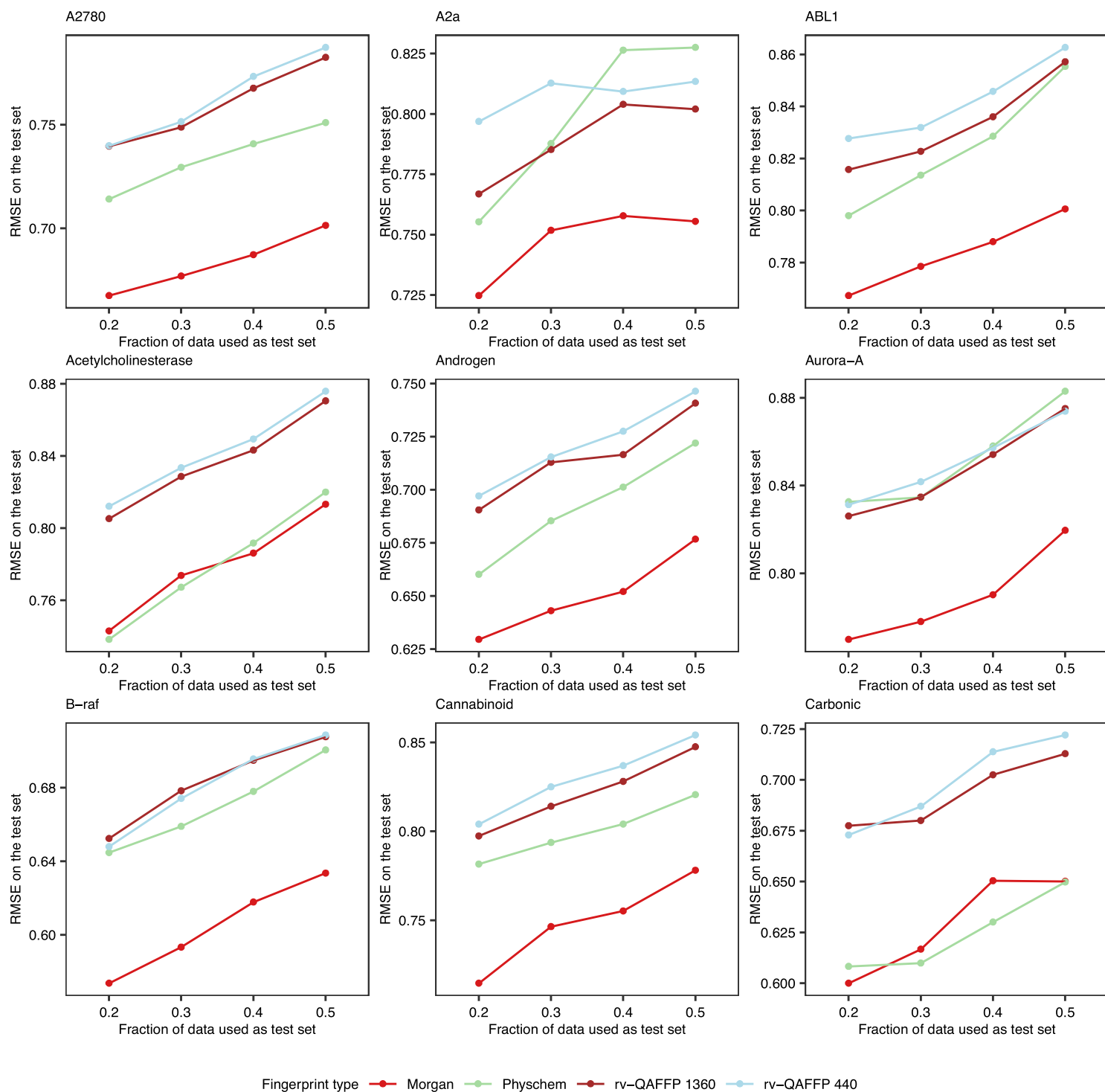
Supplementary Figure 3

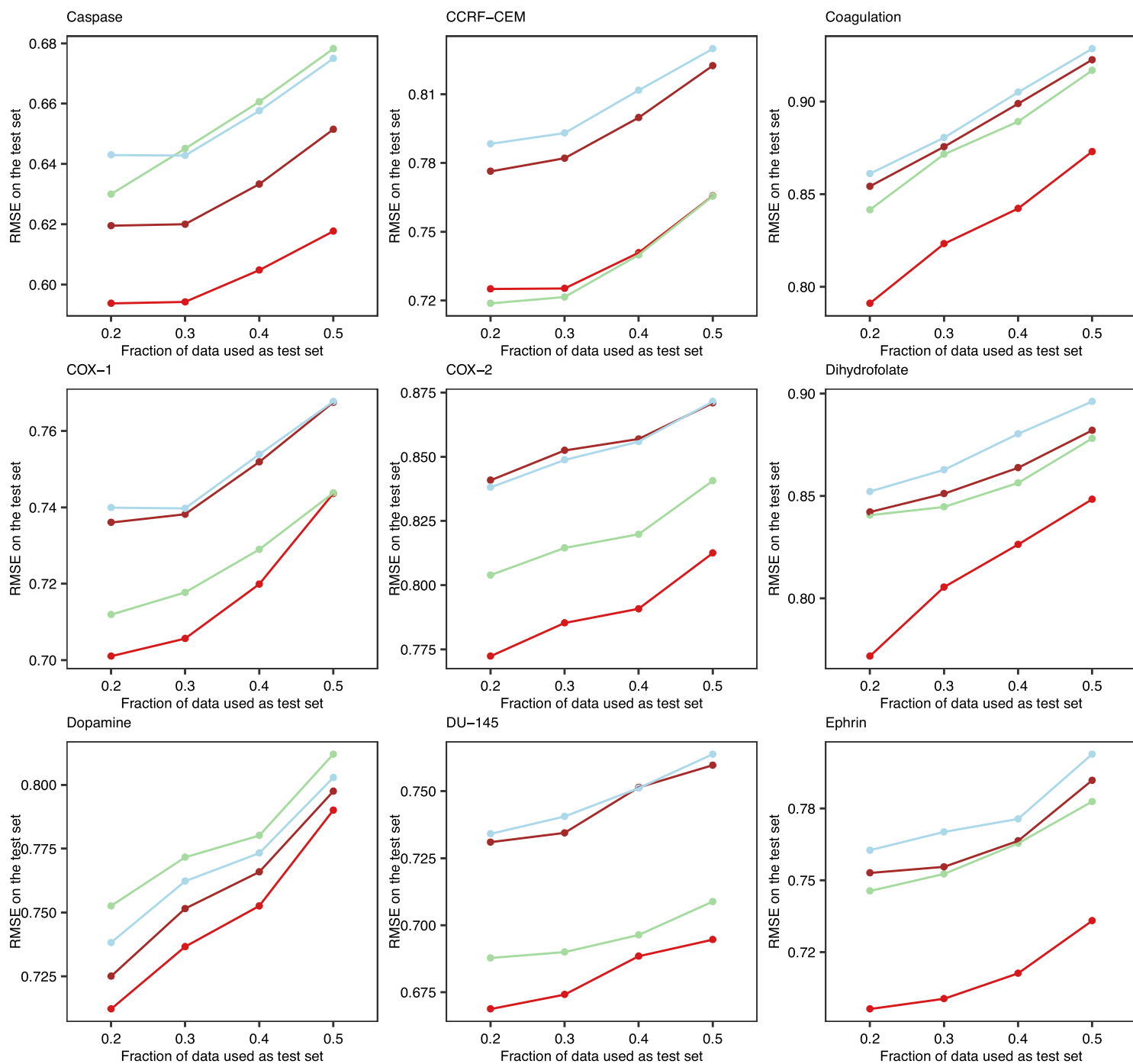


Supplementary Figure 4

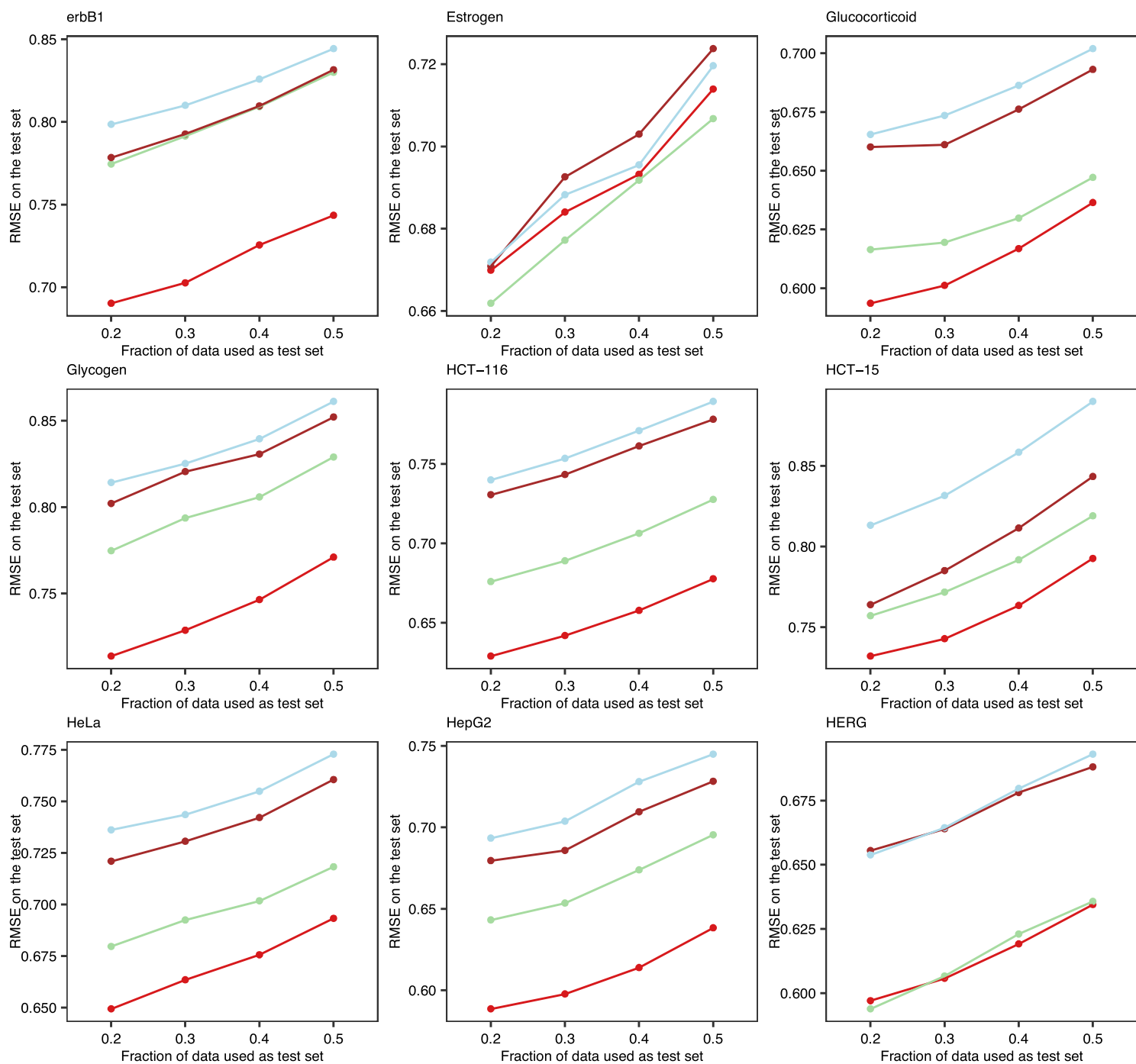


Supplementary Figure 5

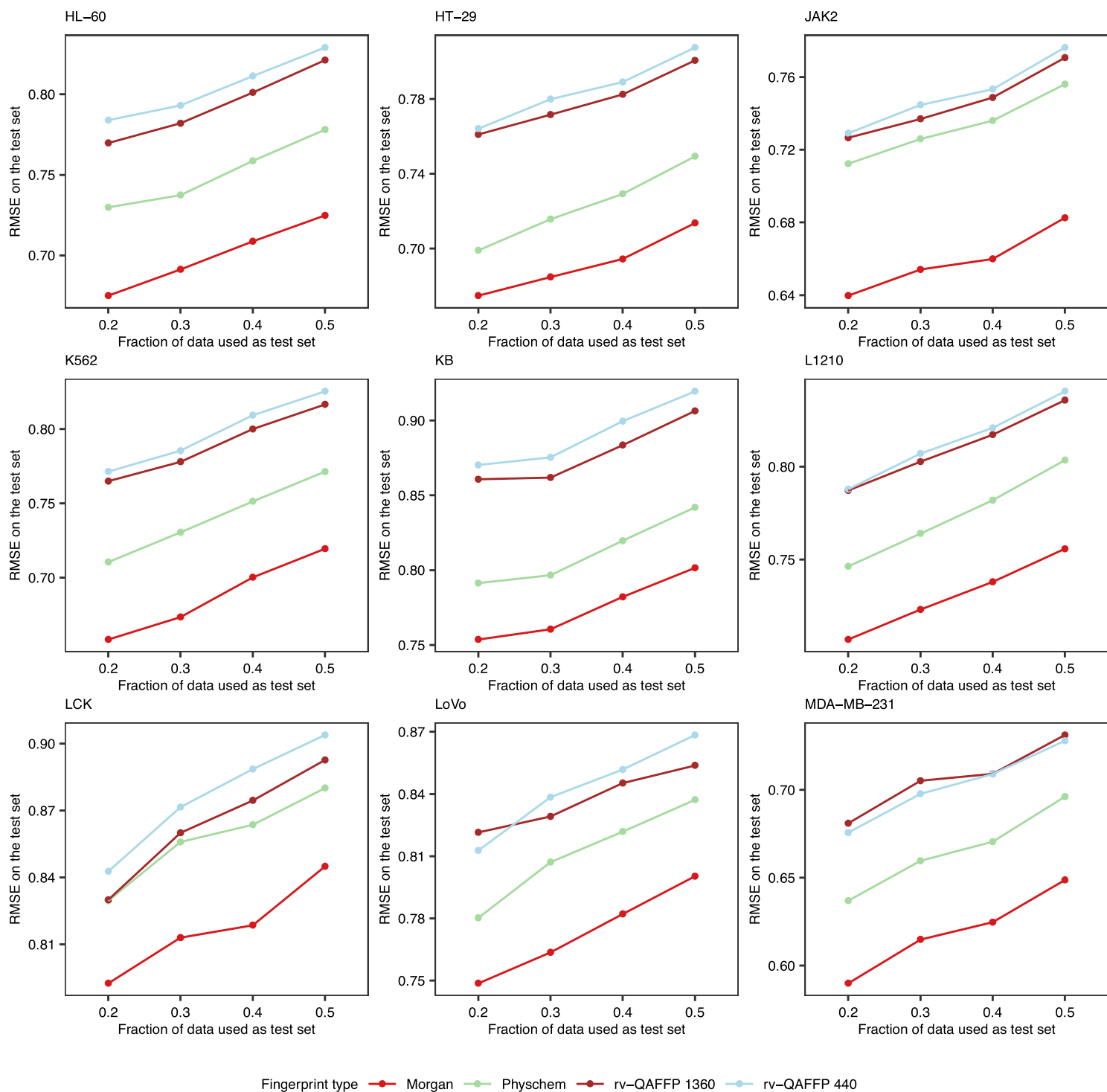


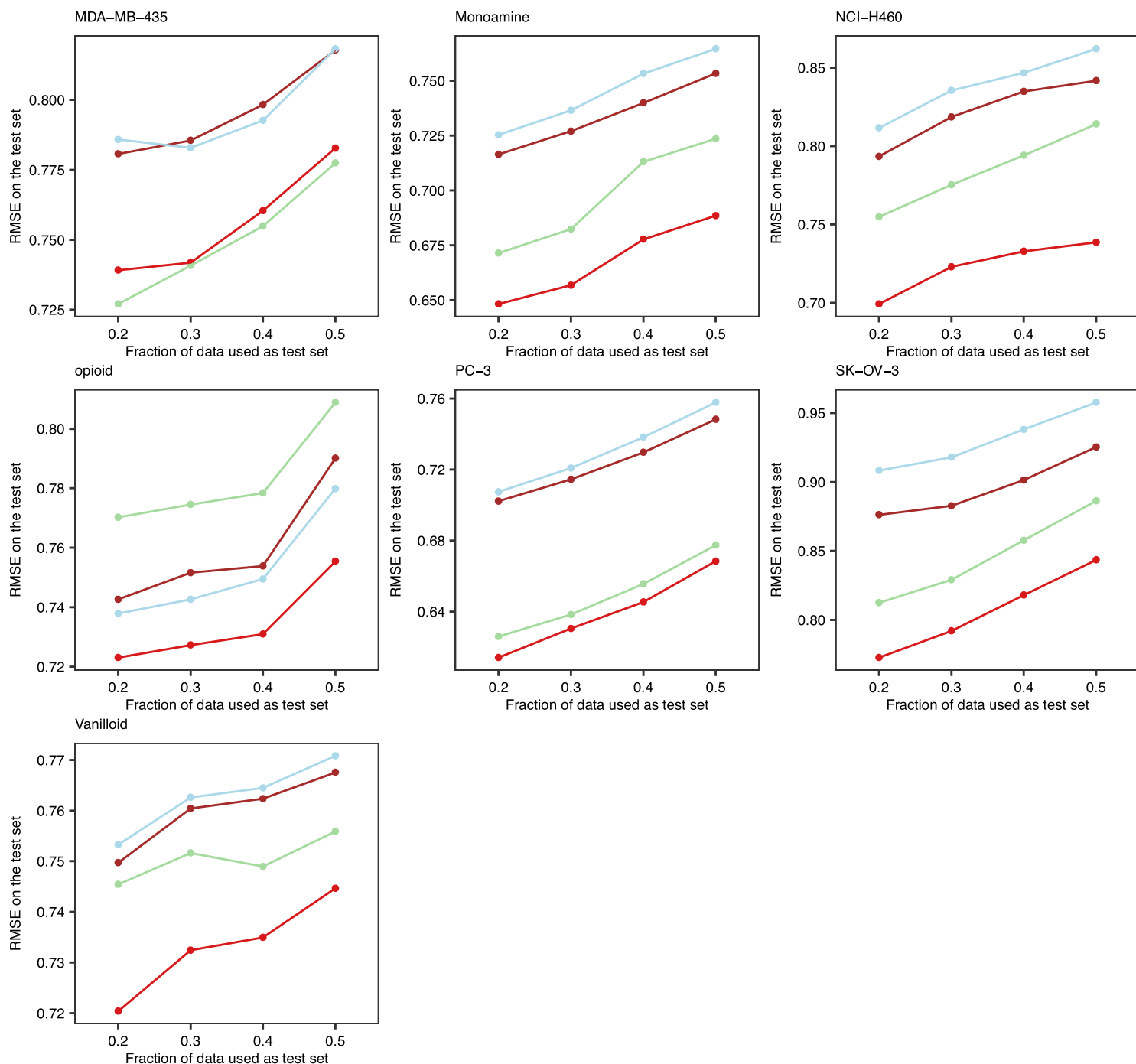


Fingerprint type — Morgan — Physchem — rv-QAFFP 1360 — rv-QAFFP 440



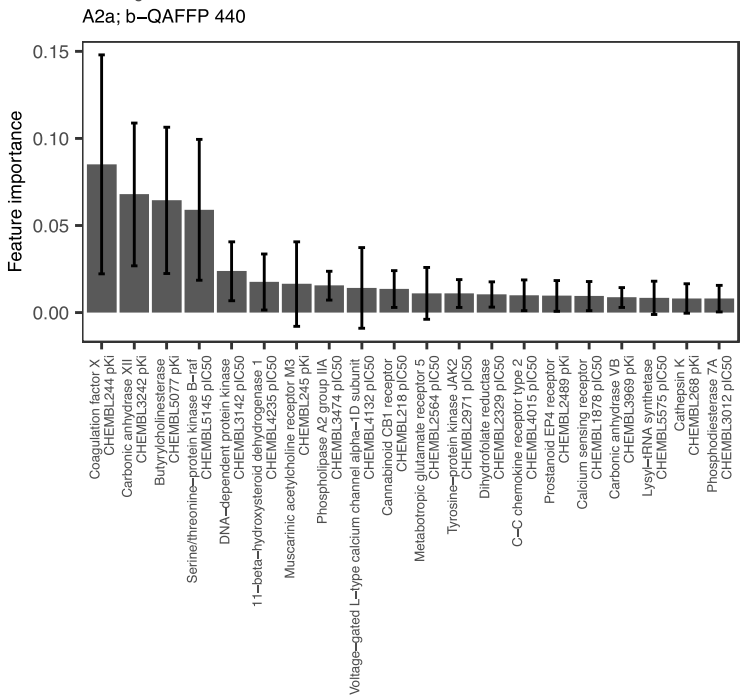
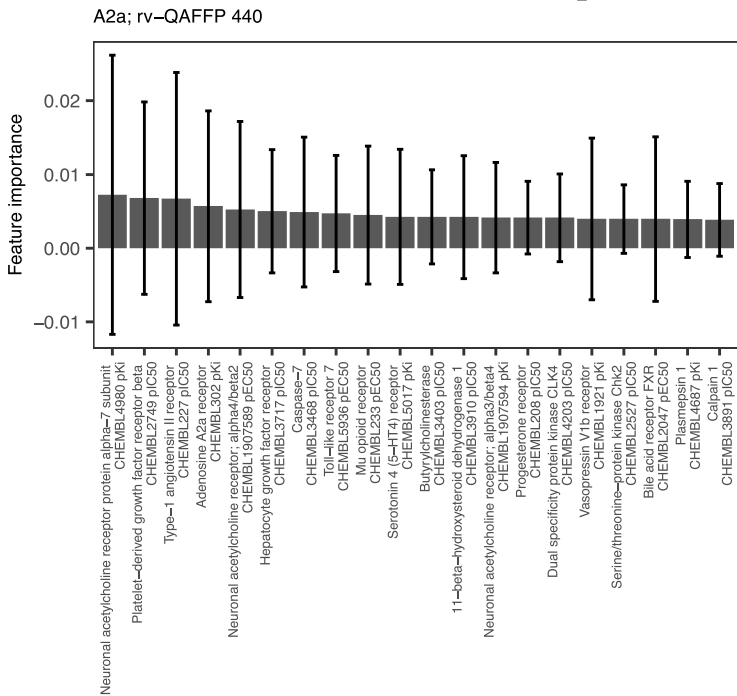
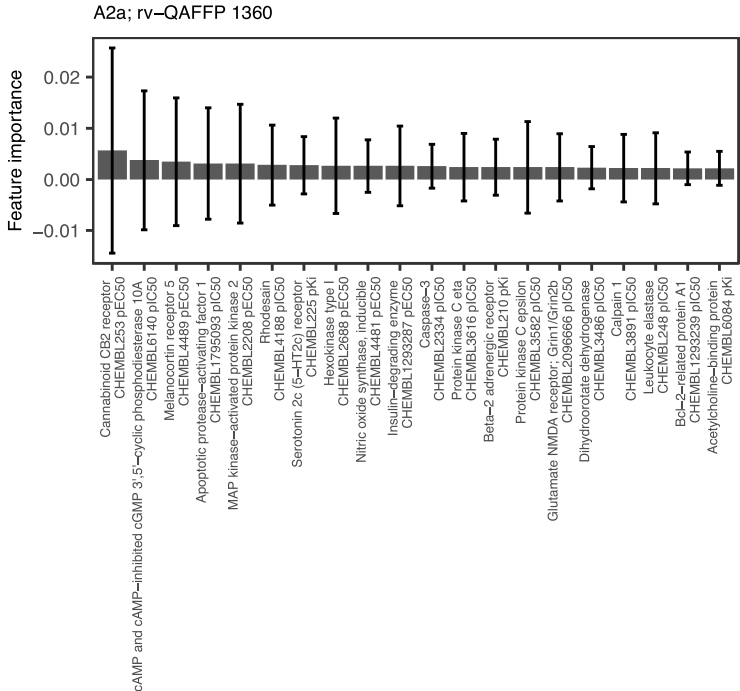
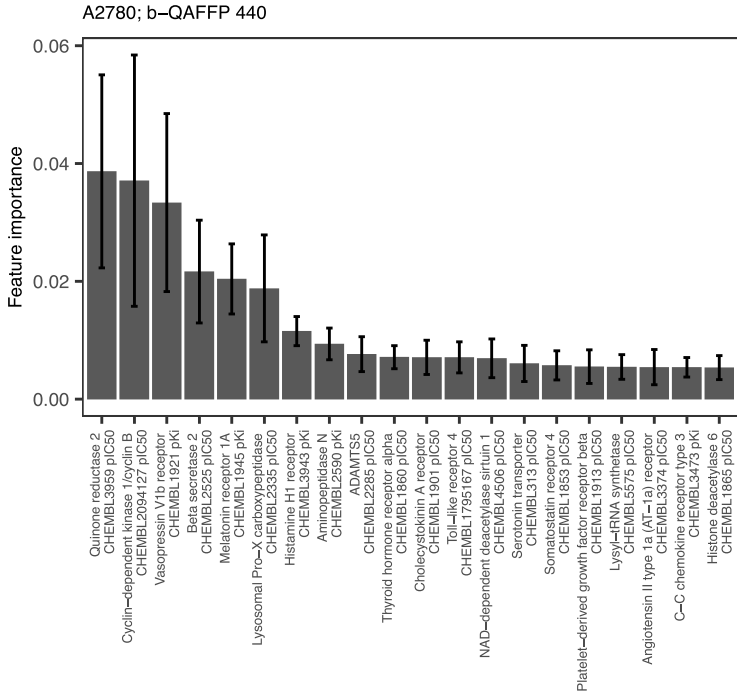
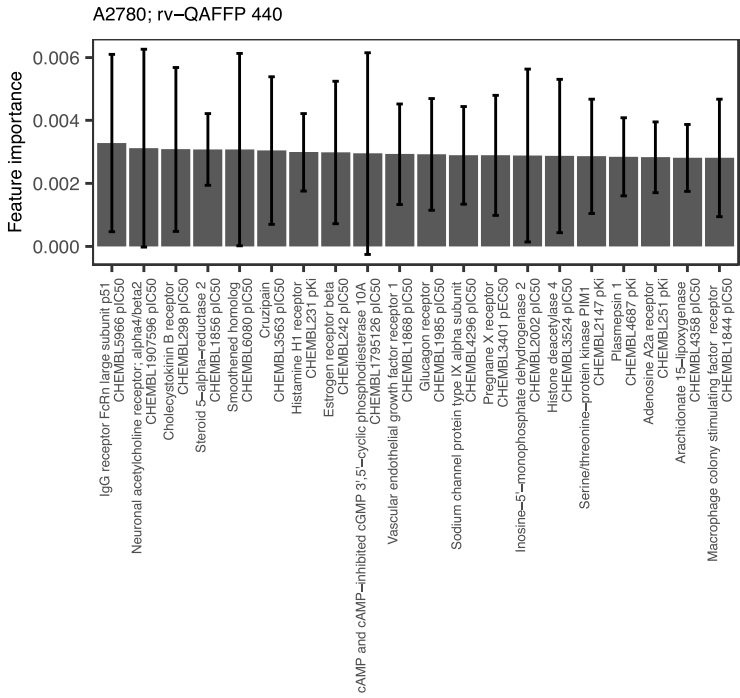
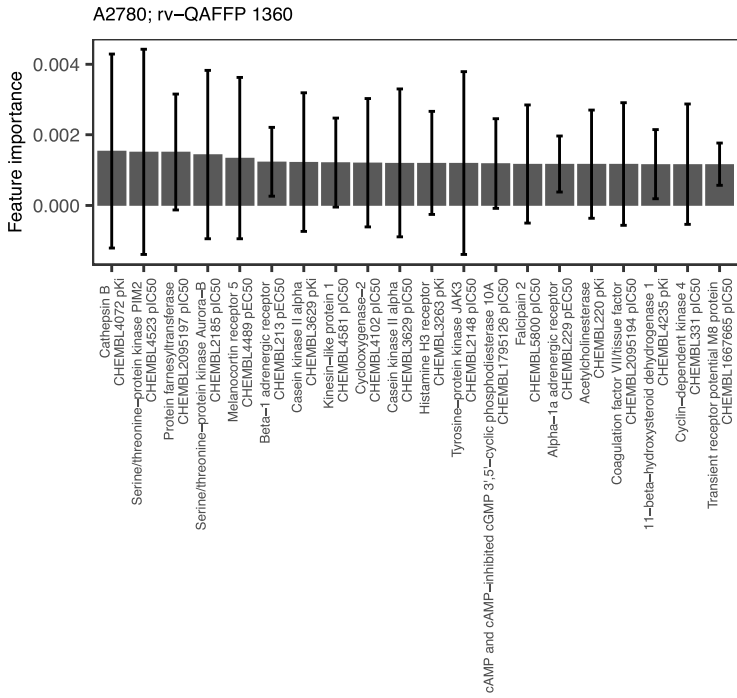
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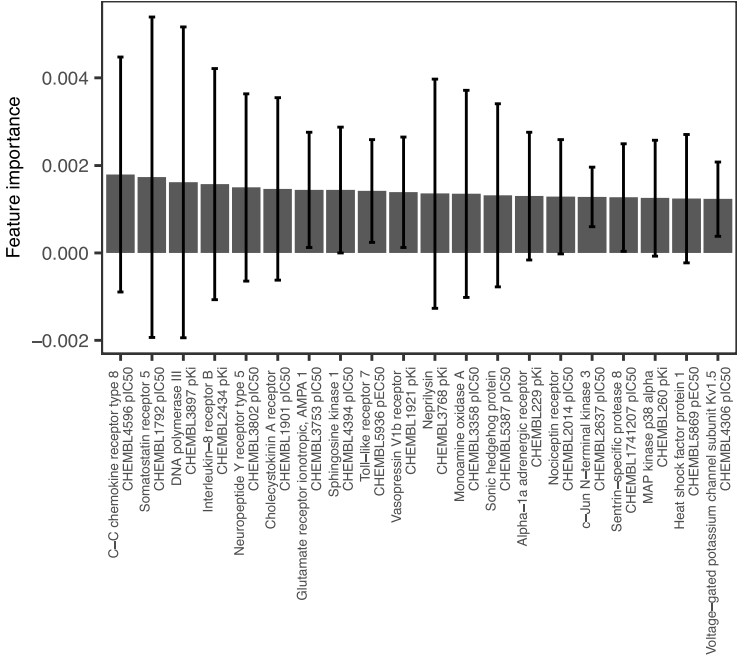


Fingerprint type — Morgan — Physchem — rv-QAFFP 1360 — rv-QAFFP 440

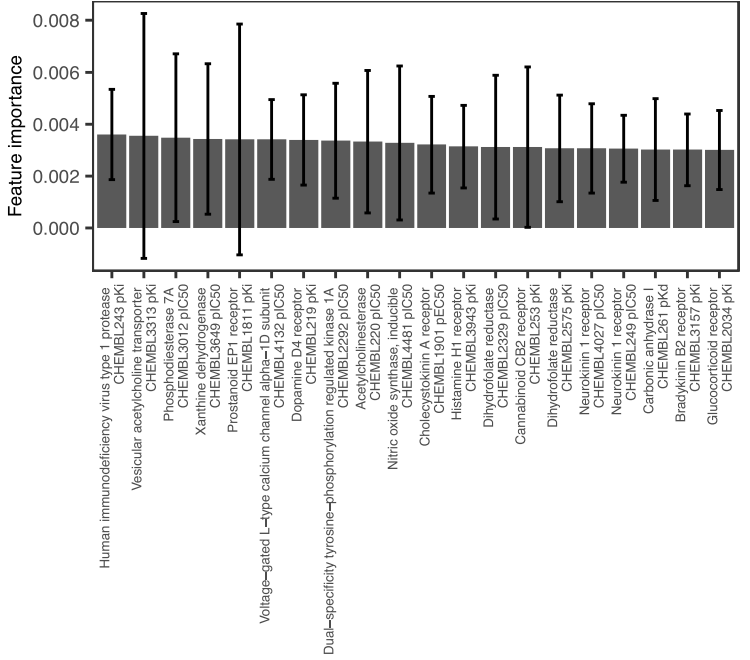
Supplementary Figure 6



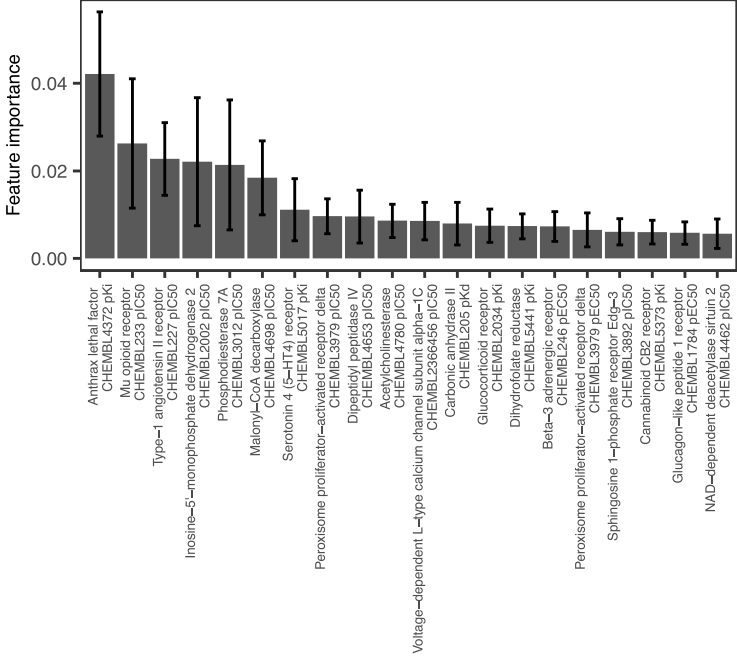
ABL1; rv-QAFFP 1360



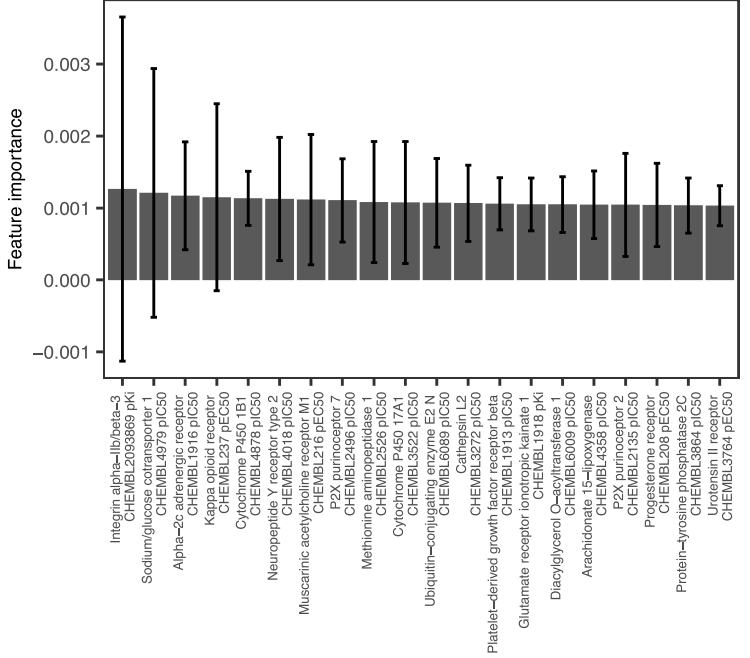
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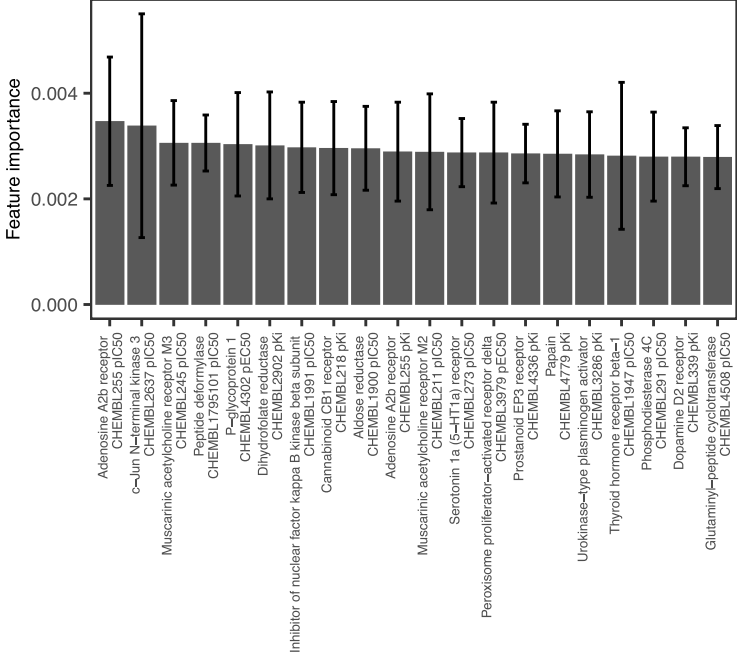
ABL1; b-QAFFP 440



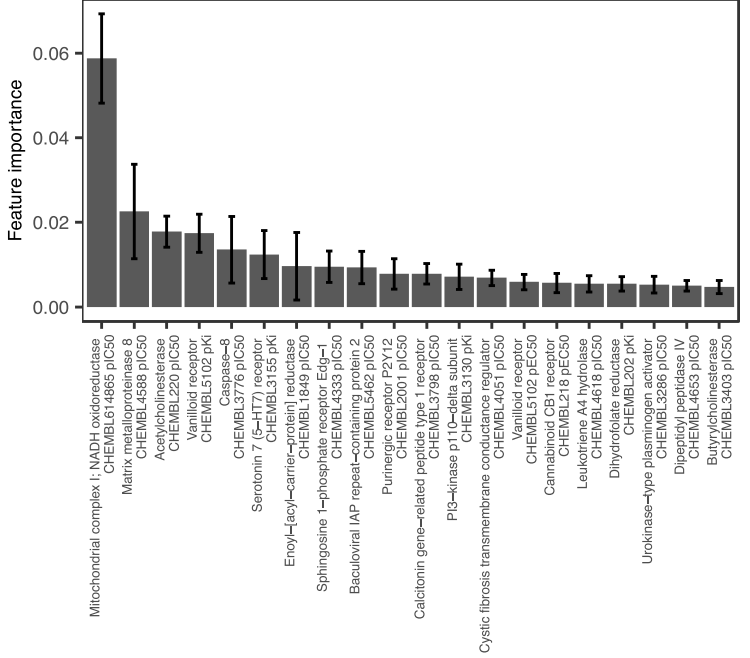
Acetylcholinesterase; rv-QAFFP 1360

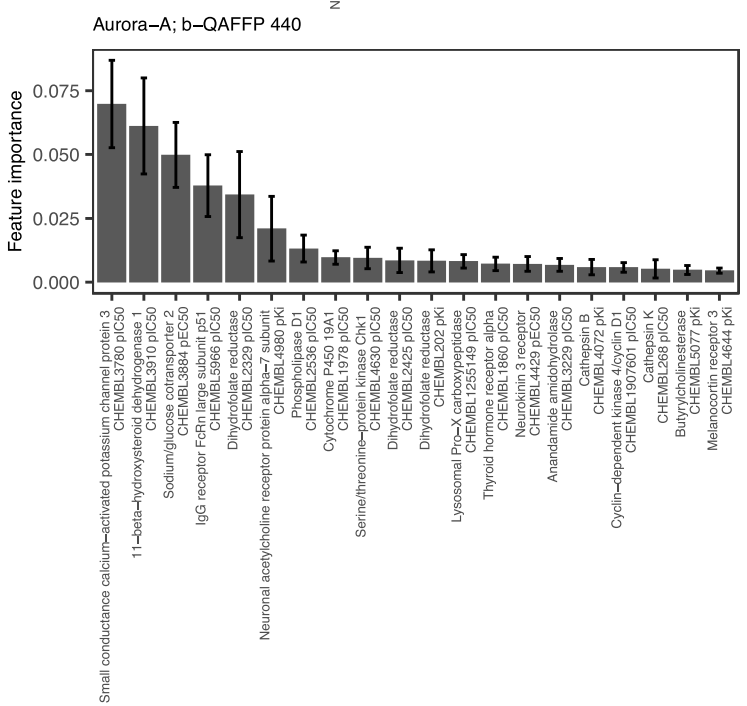
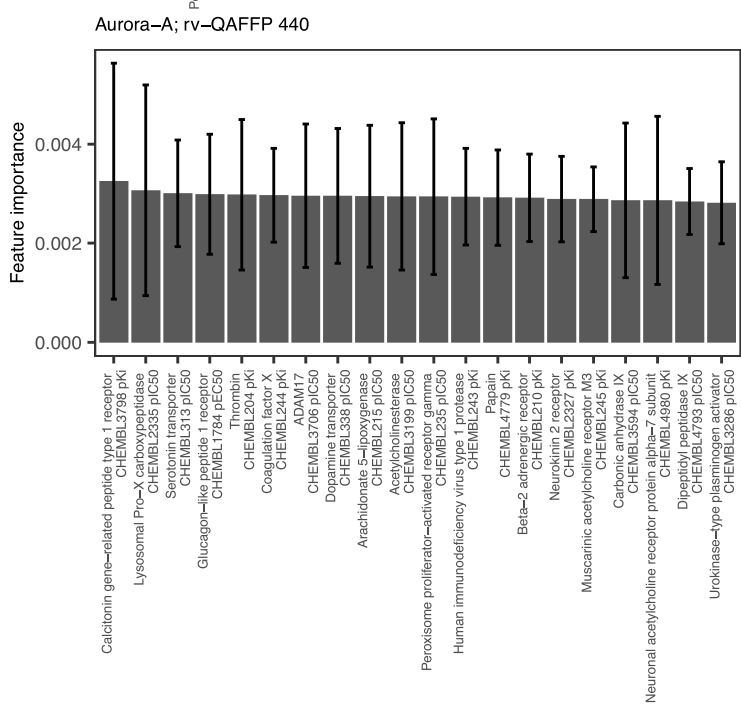
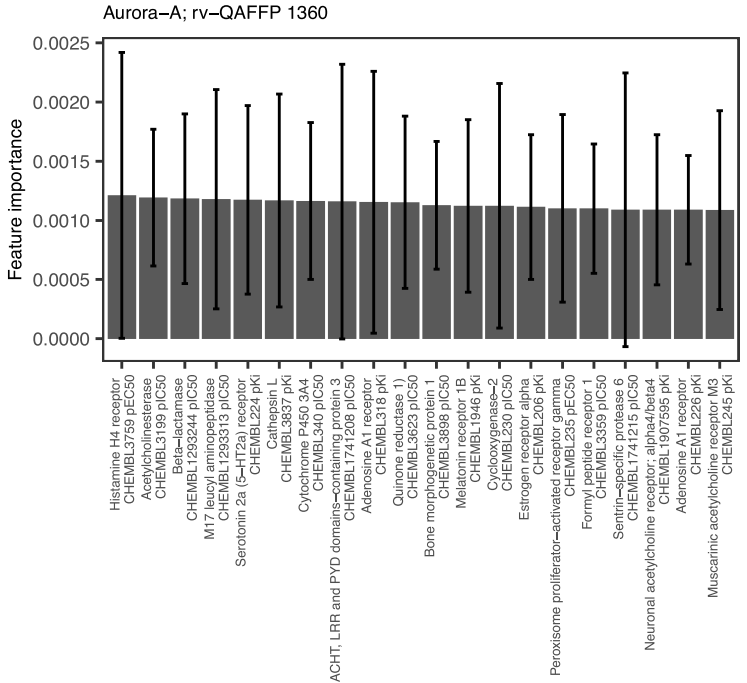
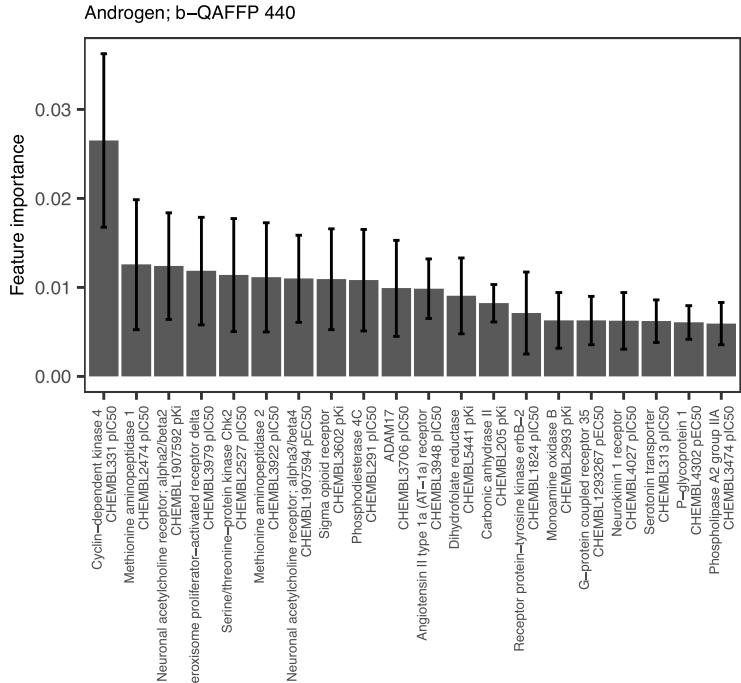
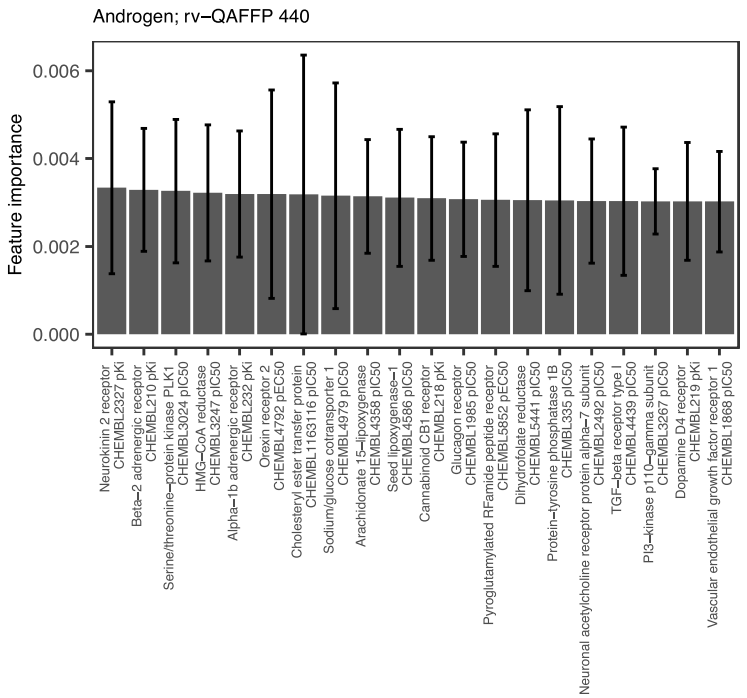
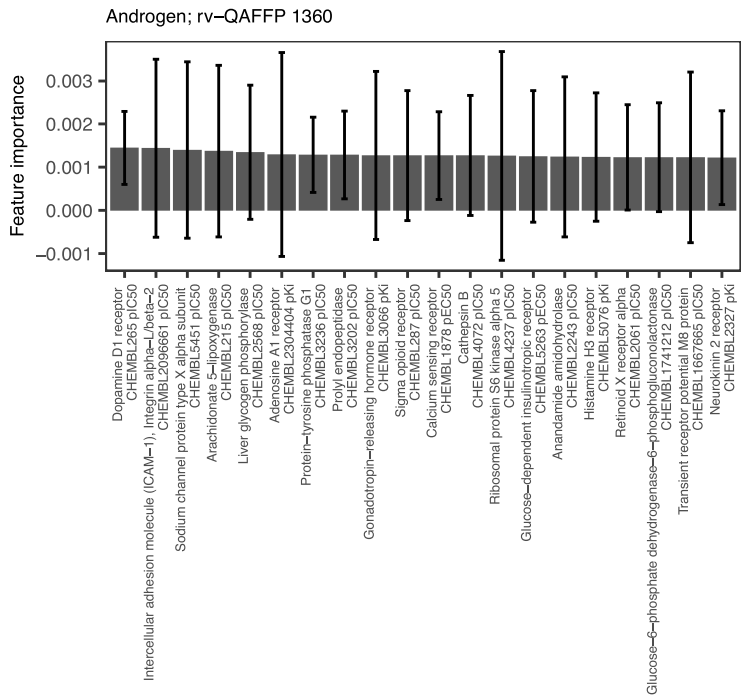


Acetylcholinesterase; rv-QAFFP 440

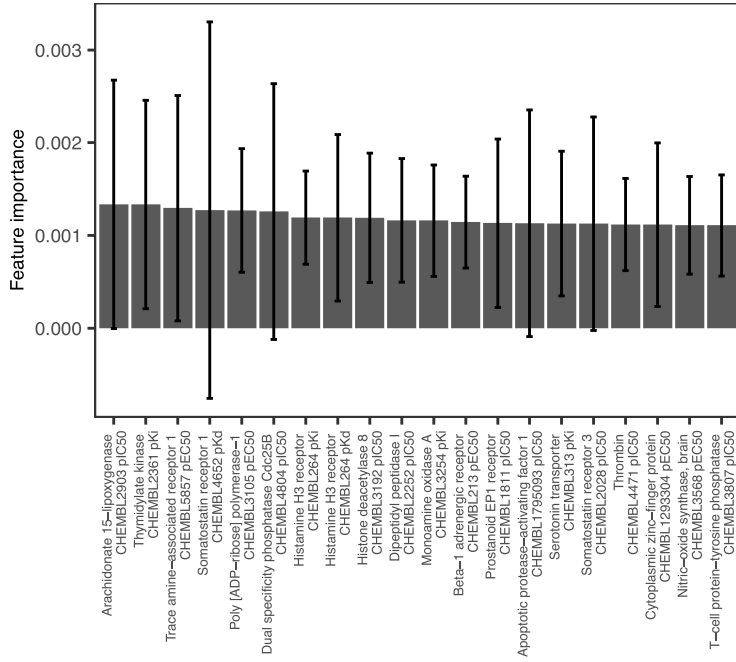


Acetylcholinesterase; b-QAFFP 440

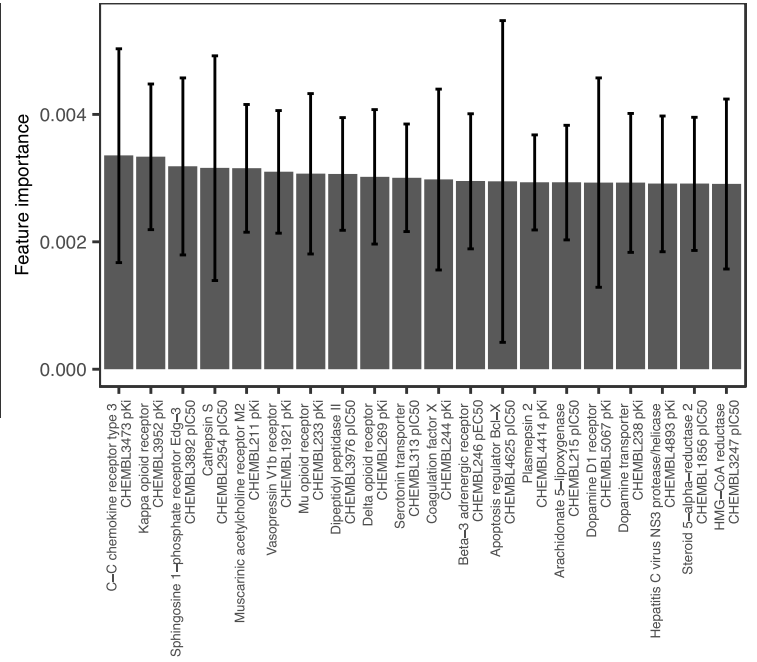




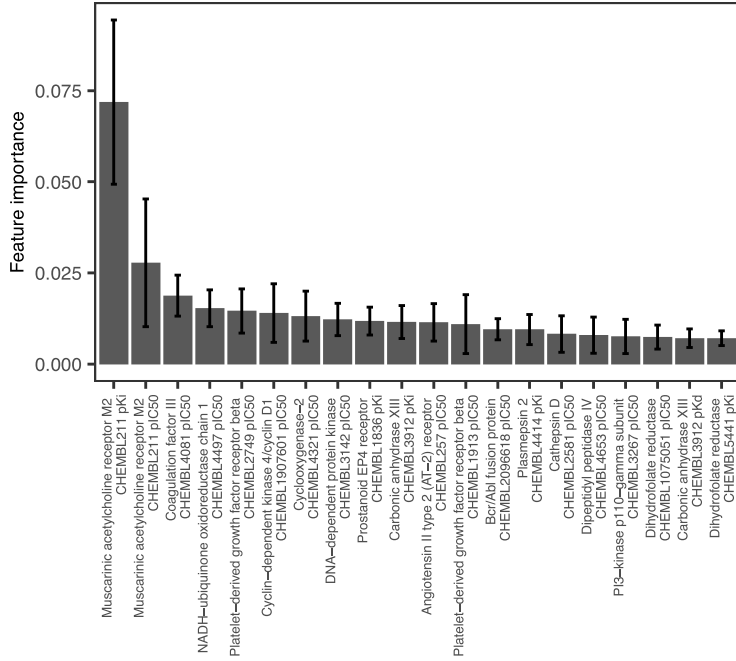
B-raf; rv-QAFFF 1360



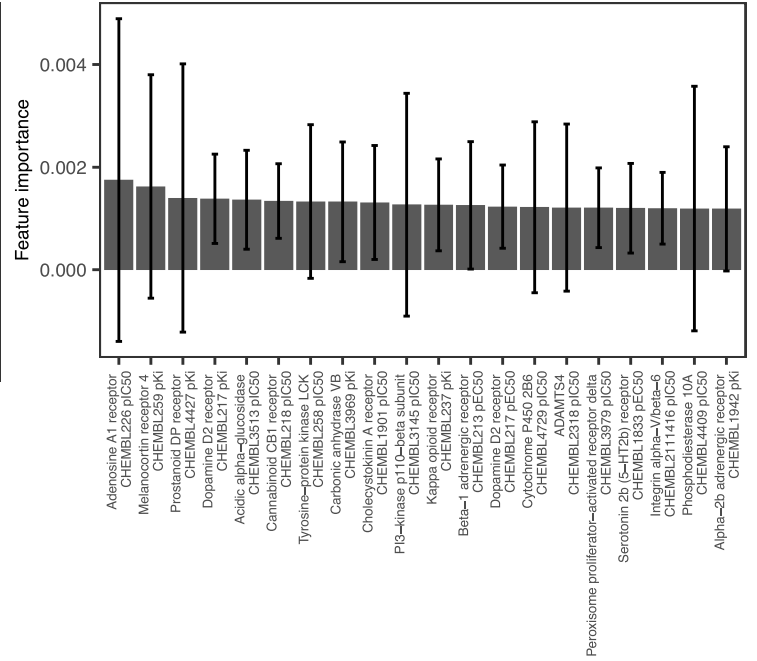
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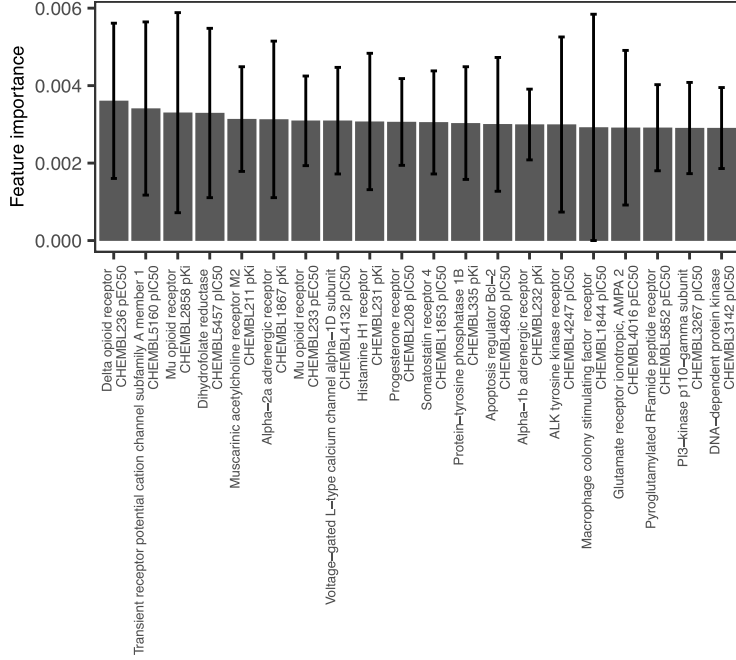
B-raf; b-QAFFF 440



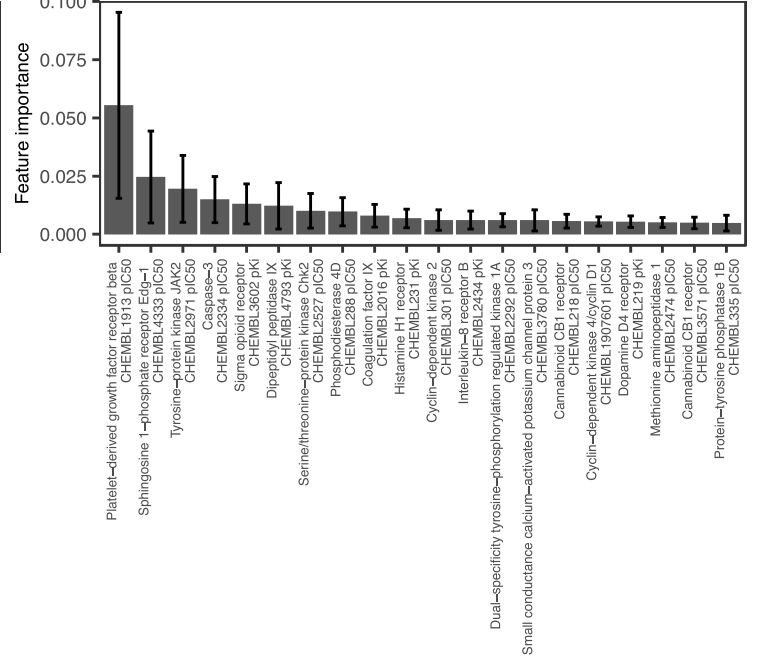
Cannabinoid; rv-QAFFF 1360



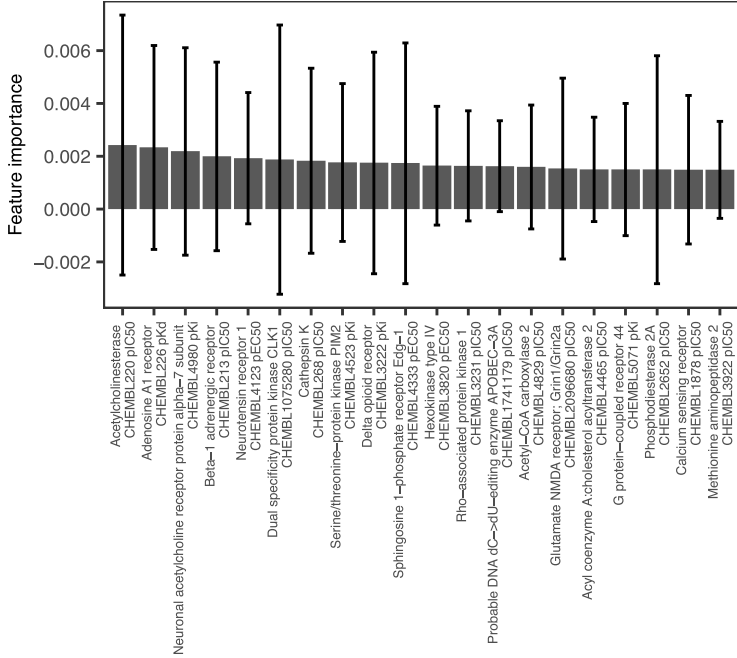
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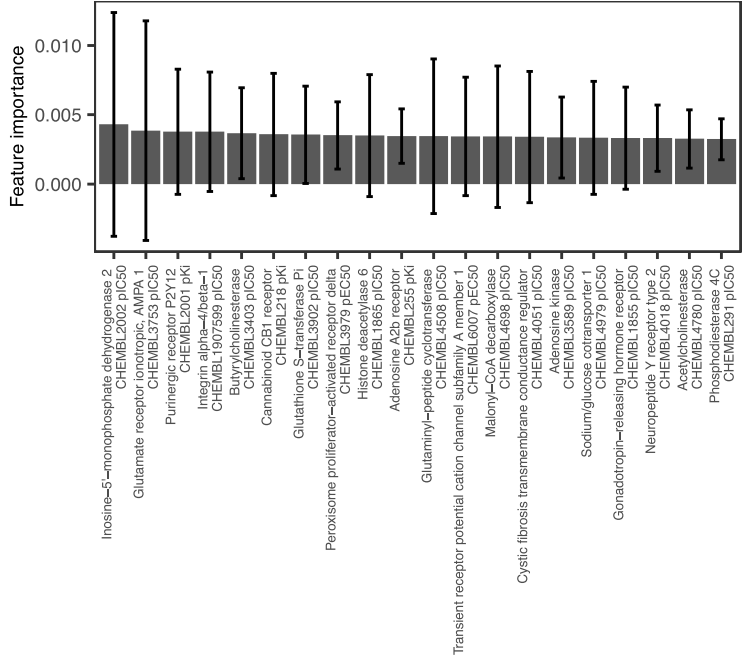
Cannabinoid; b-QAFFF 440



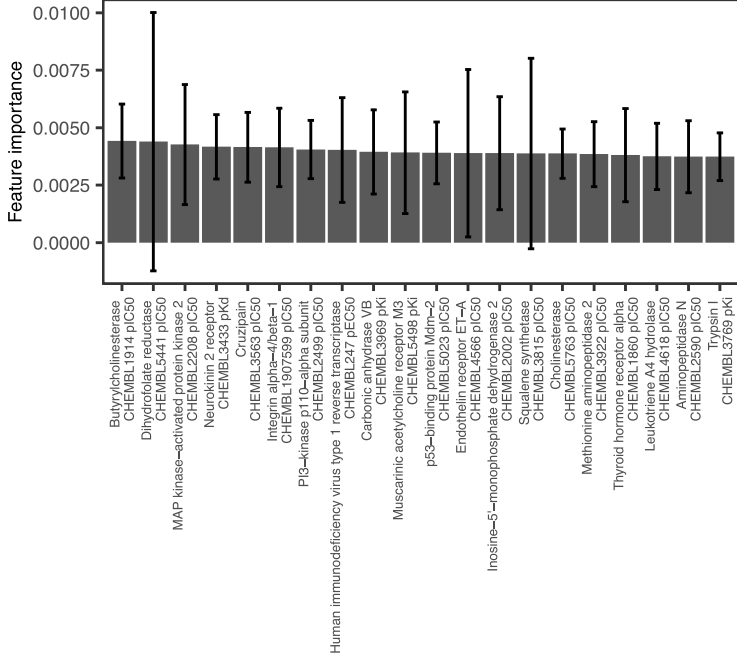
Carbonic; rv-QAFFP 1360



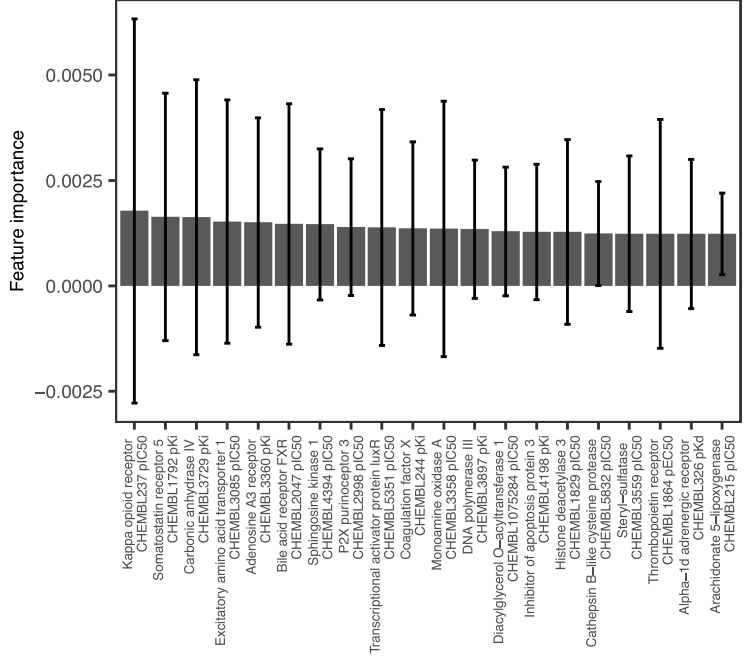
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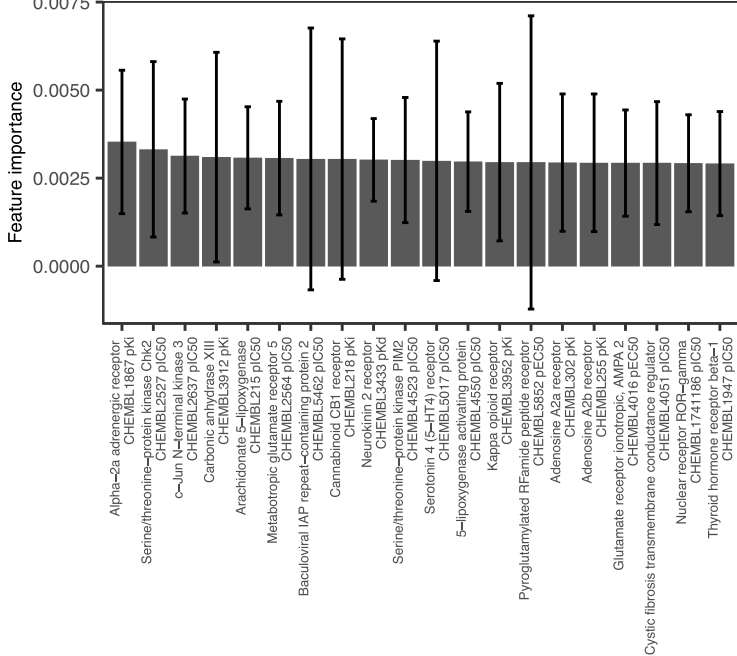
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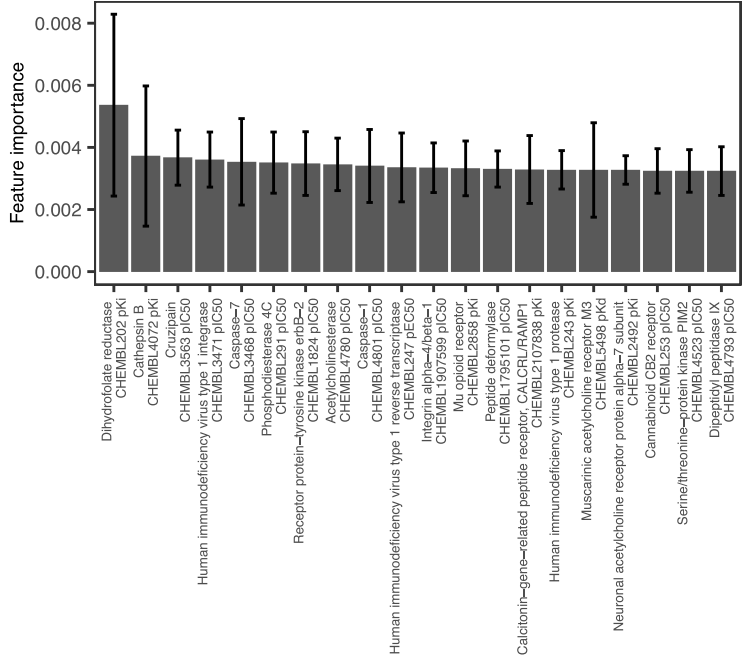
Caspase; rv-QAFFP 1360



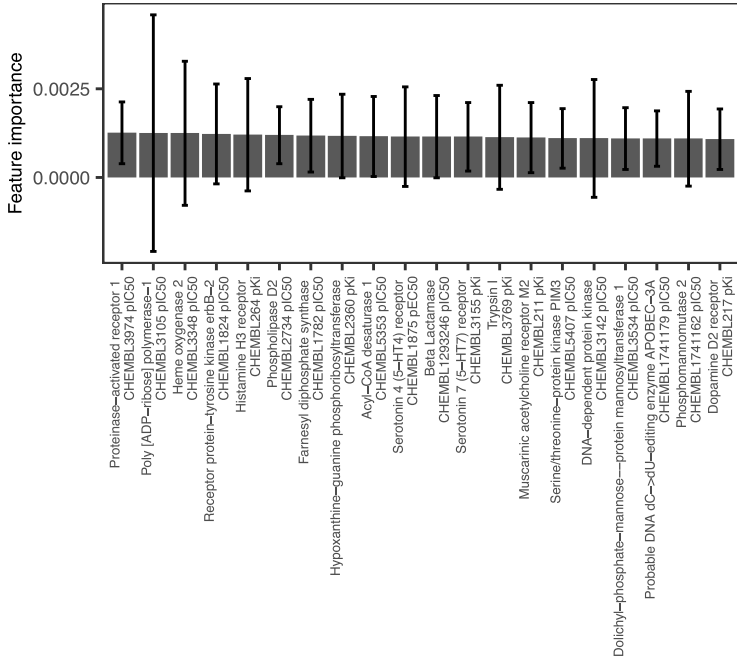
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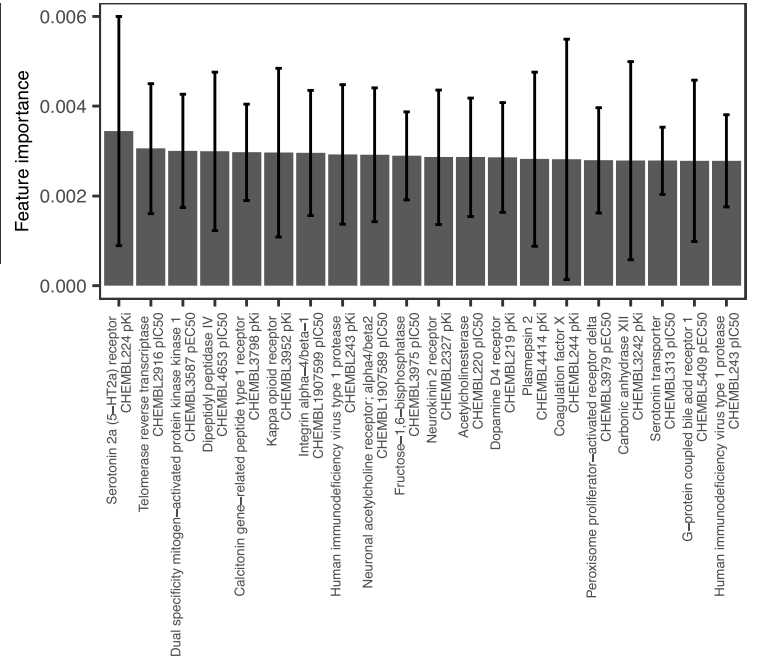
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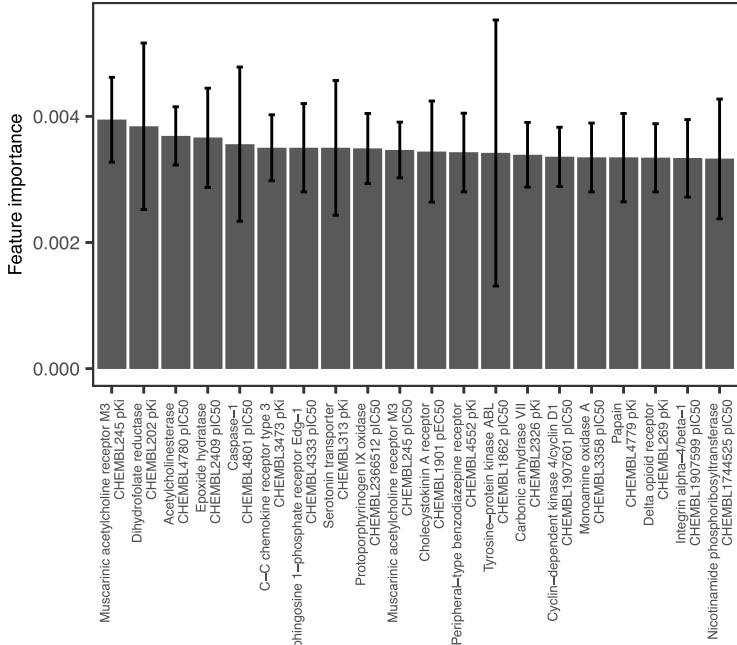
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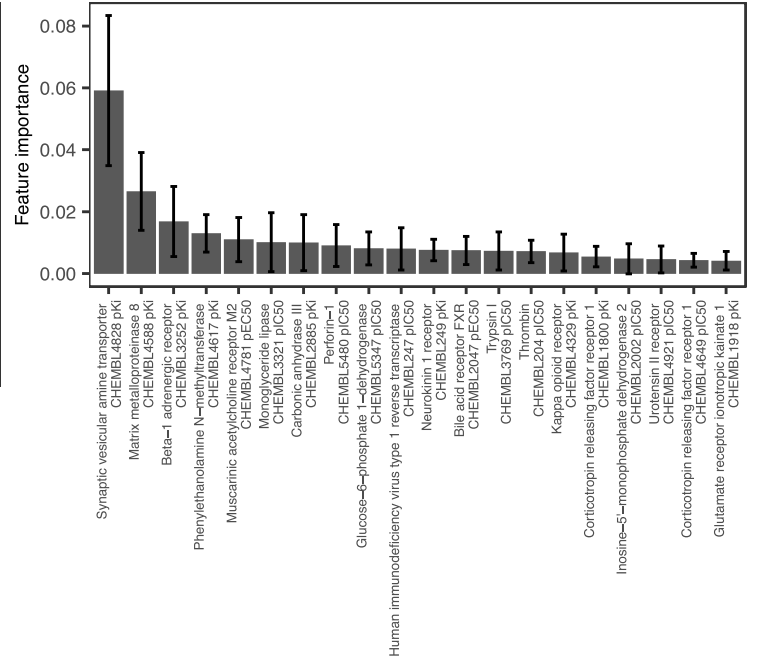
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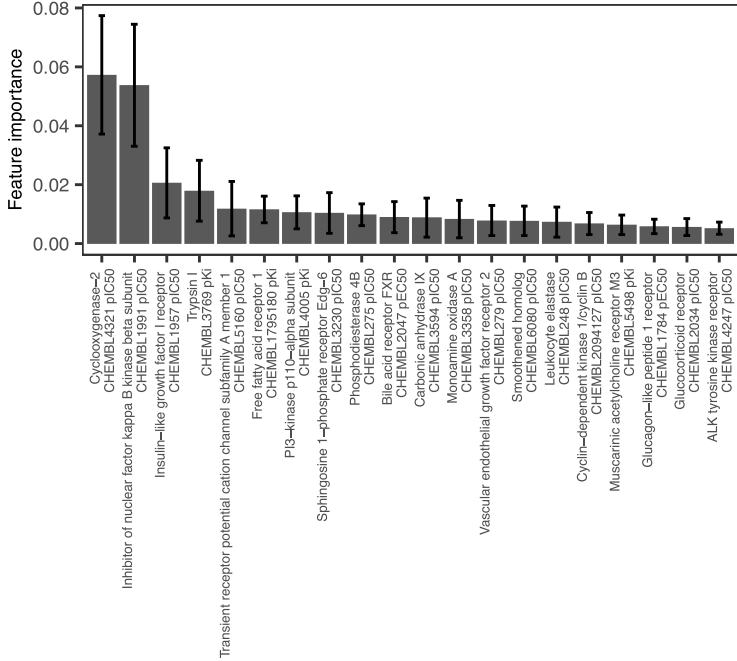
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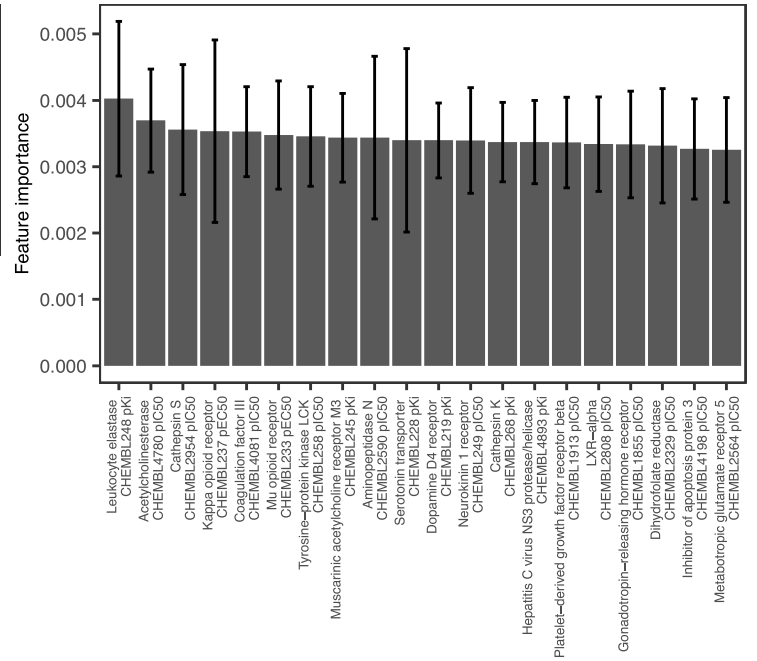
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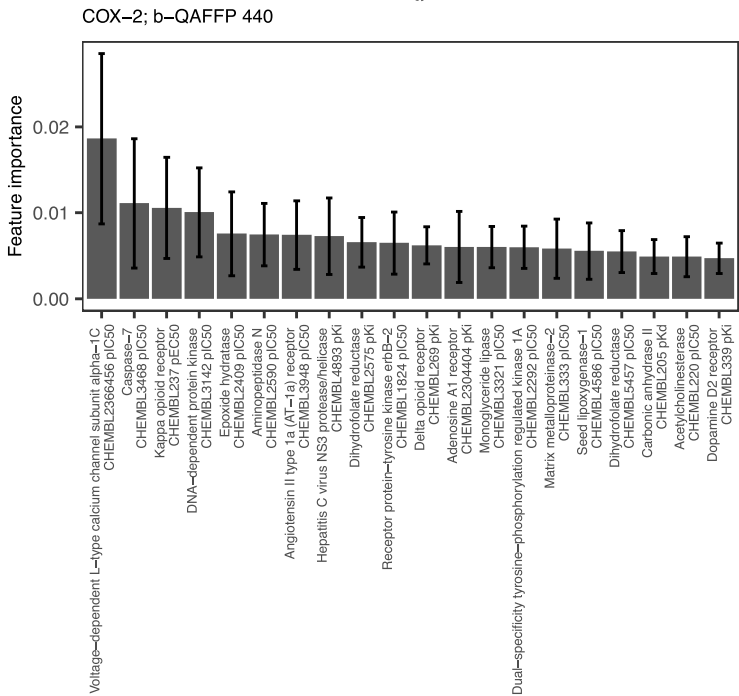
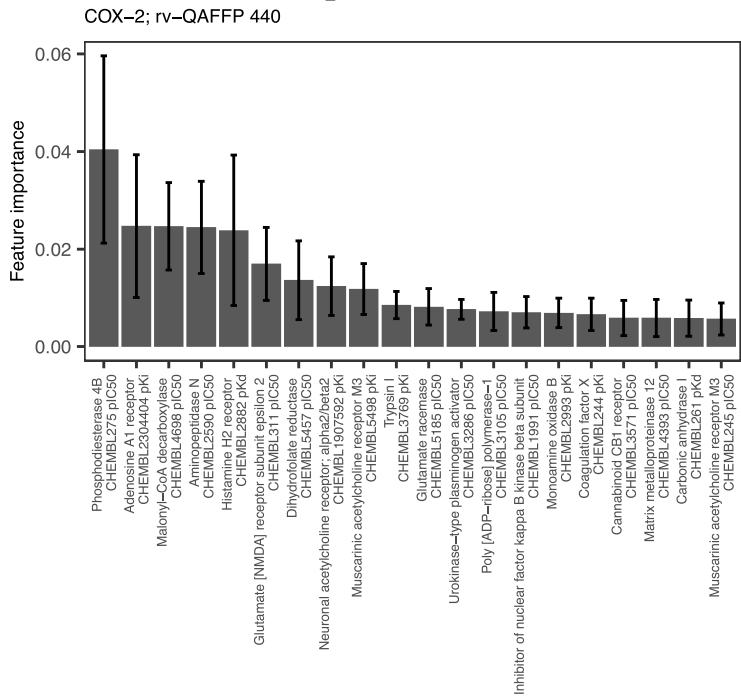
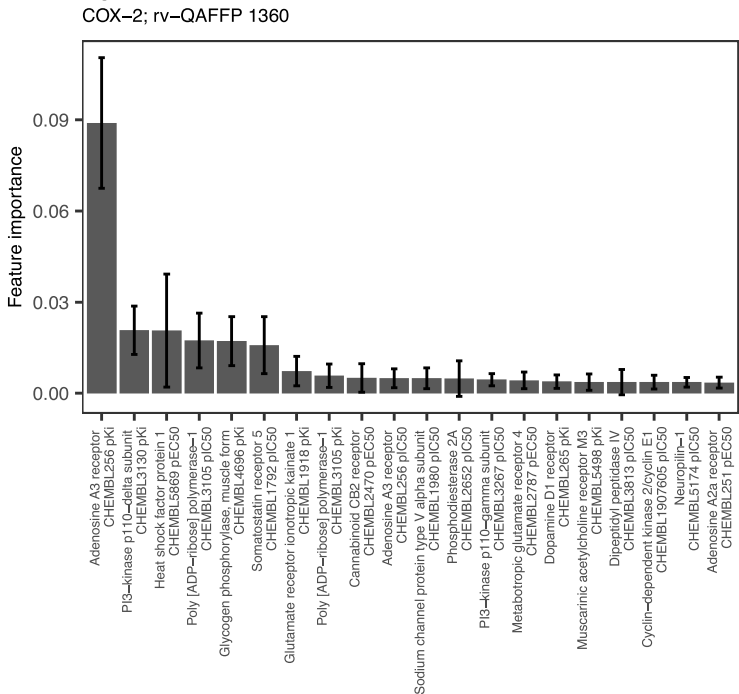
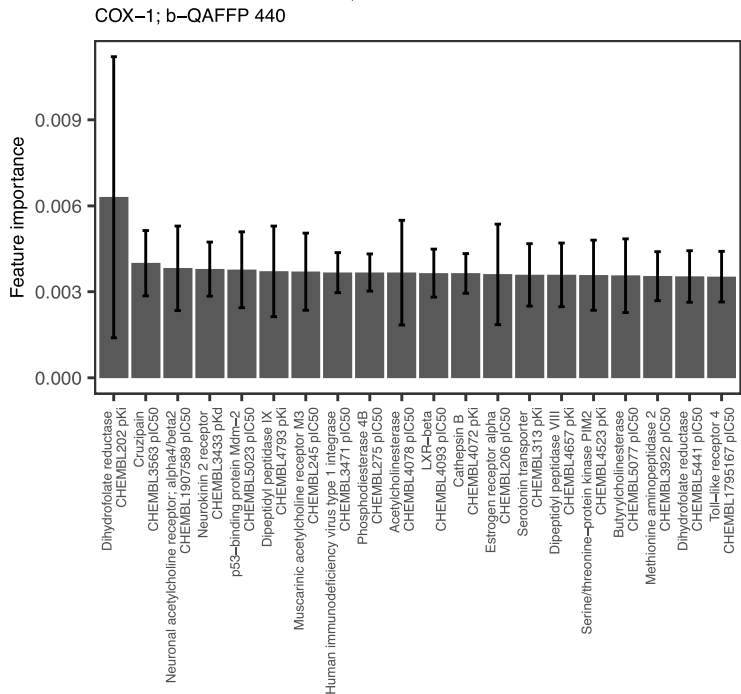
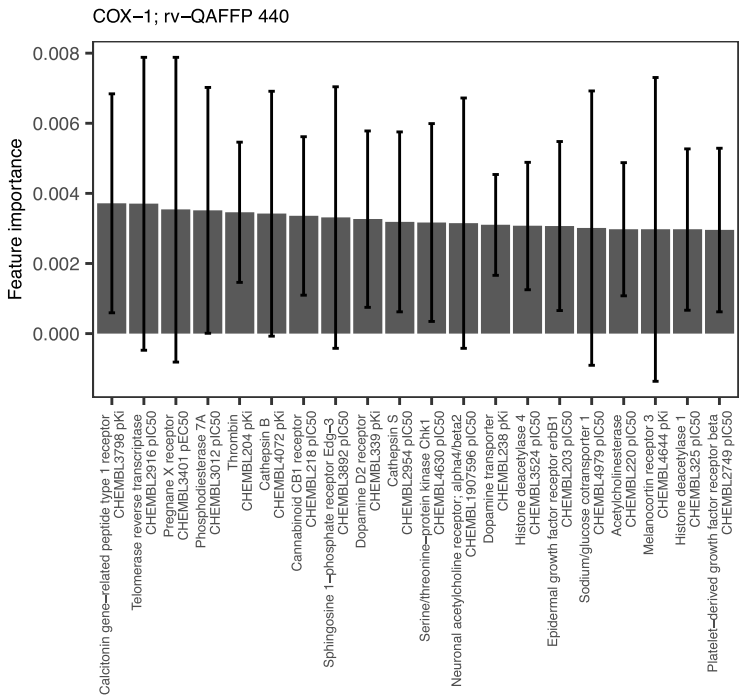
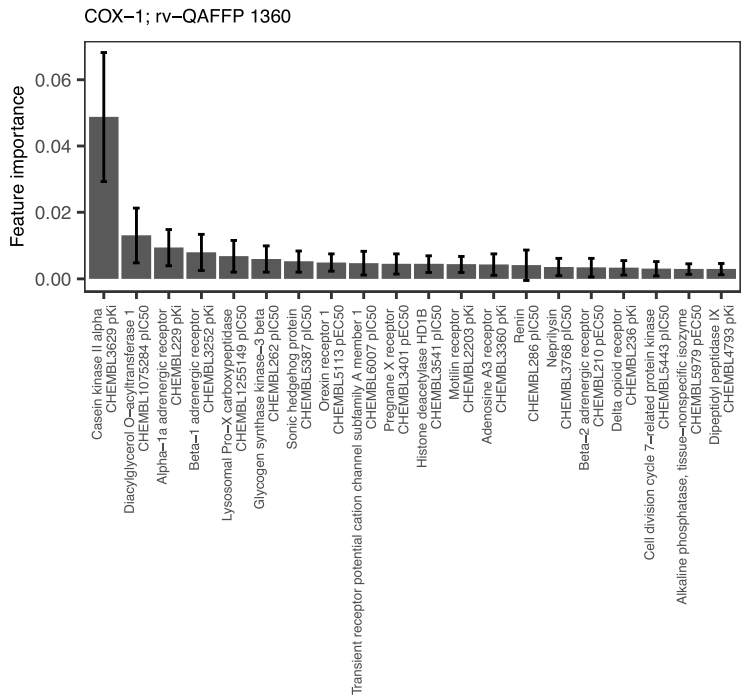


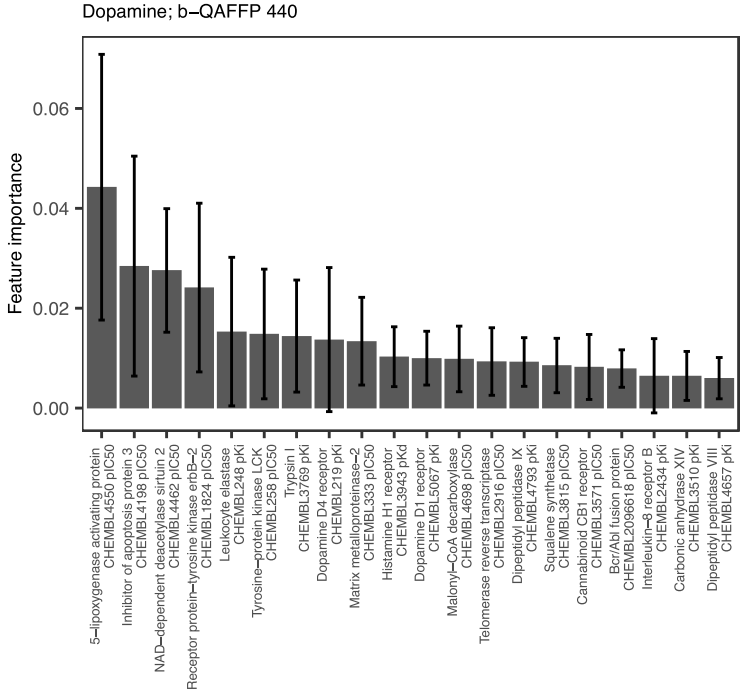
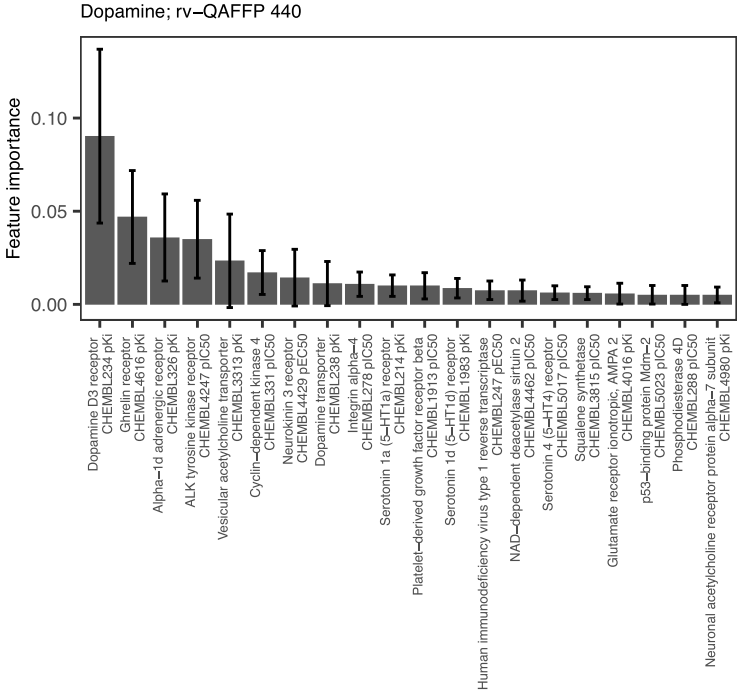
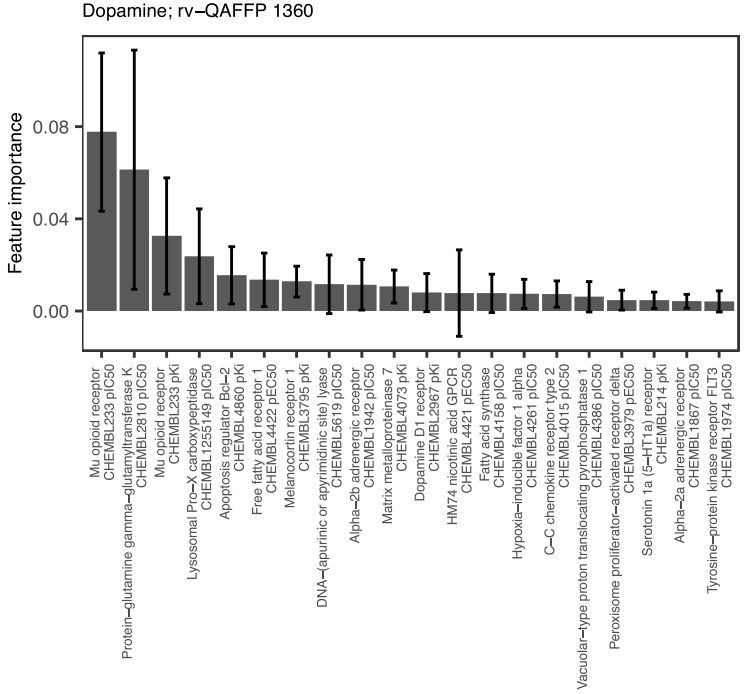
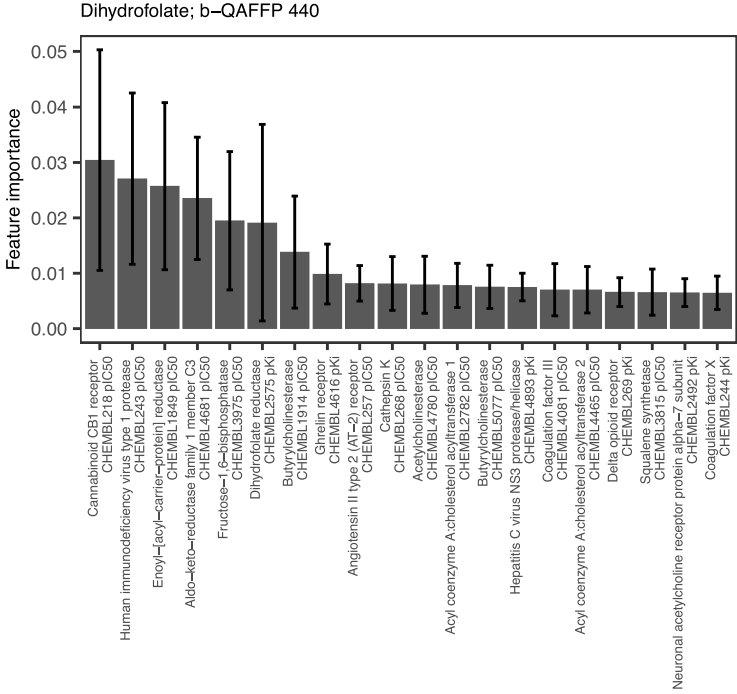
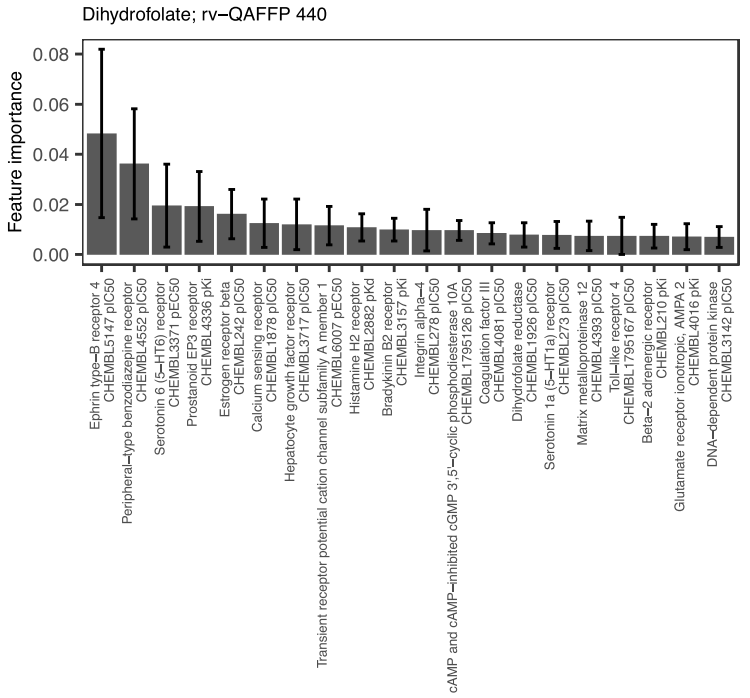
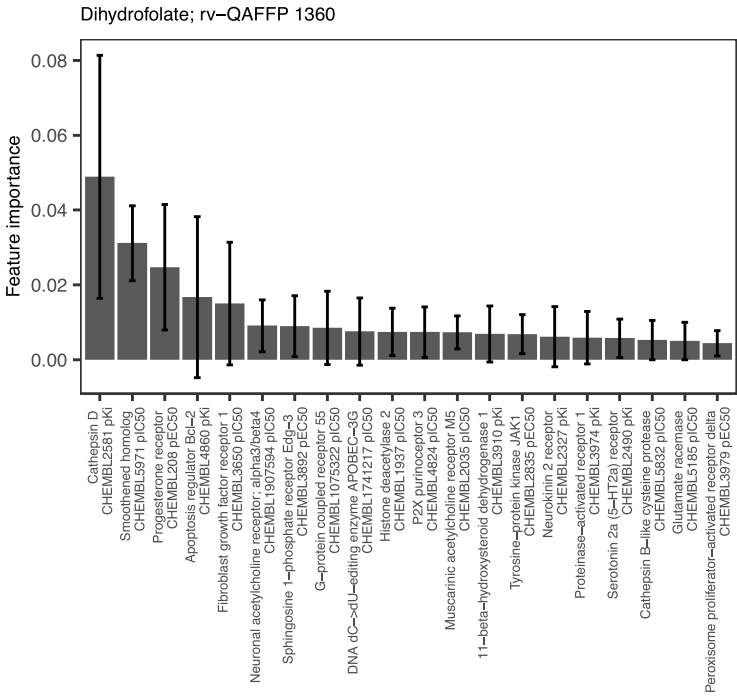
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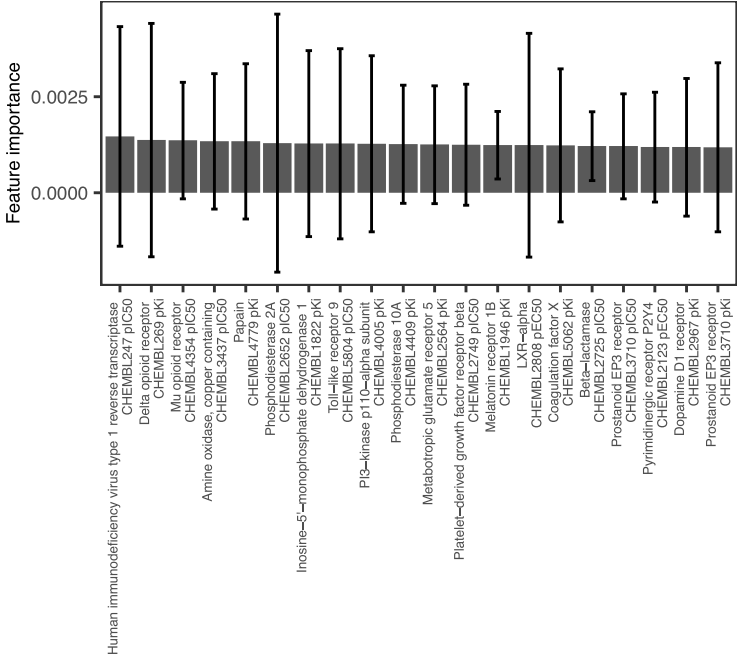
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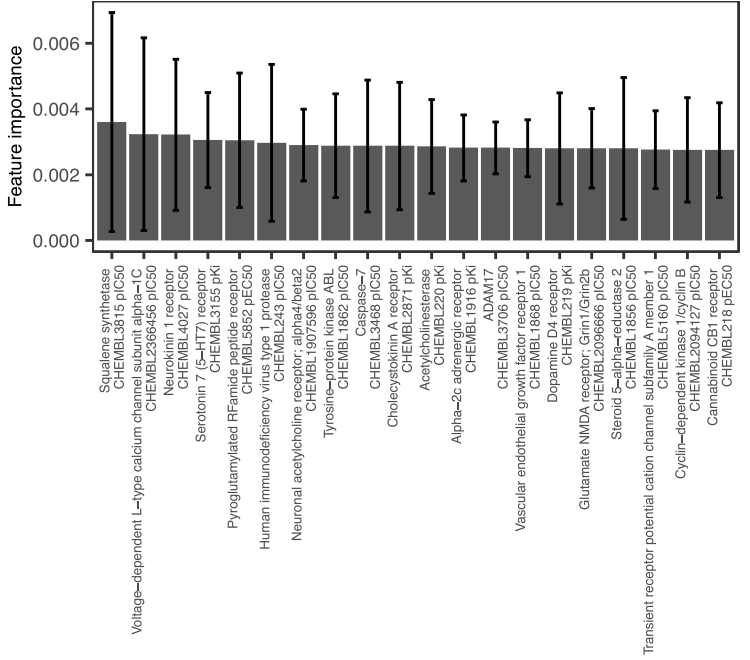




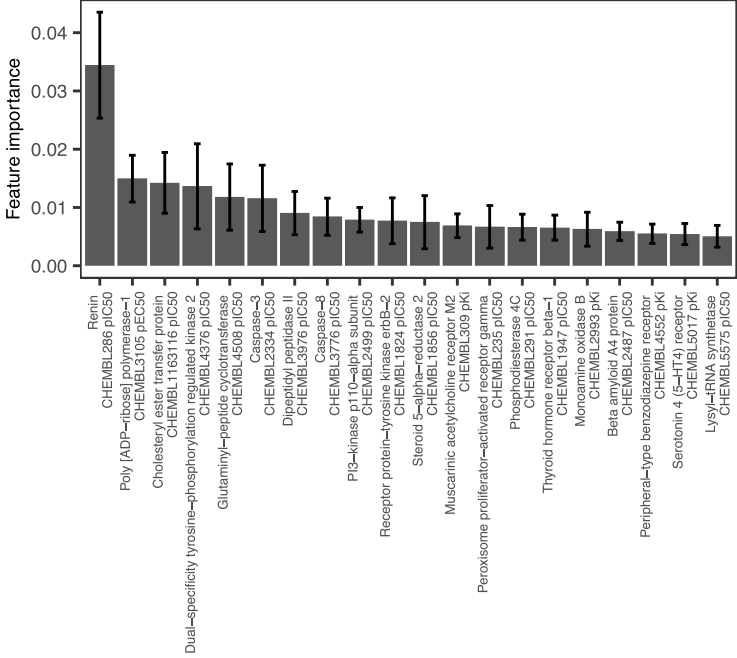
DU-145; rv-QAFFP 1360



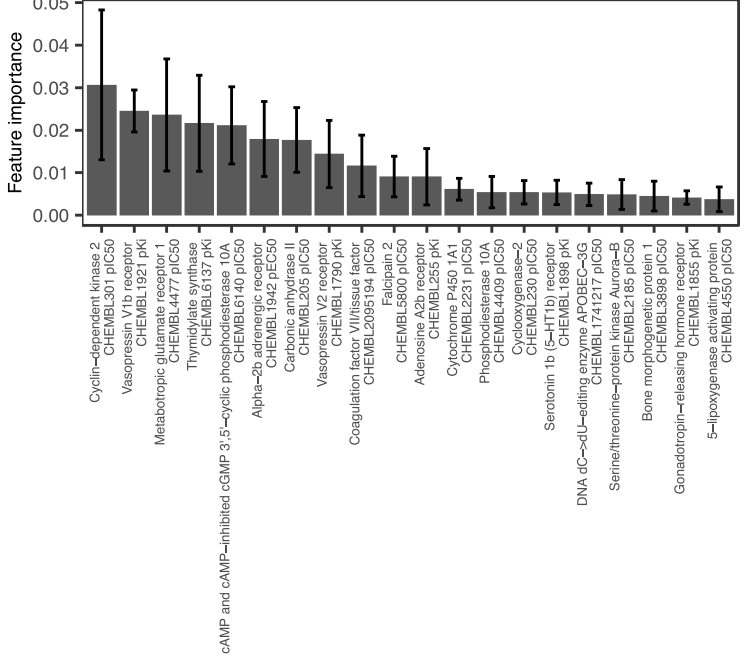
DU-145; rv-QAFFP 440



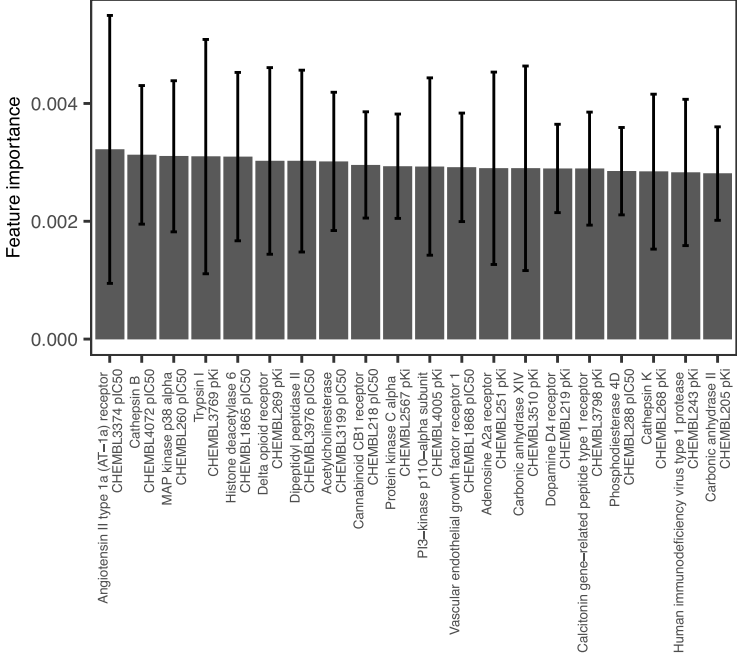
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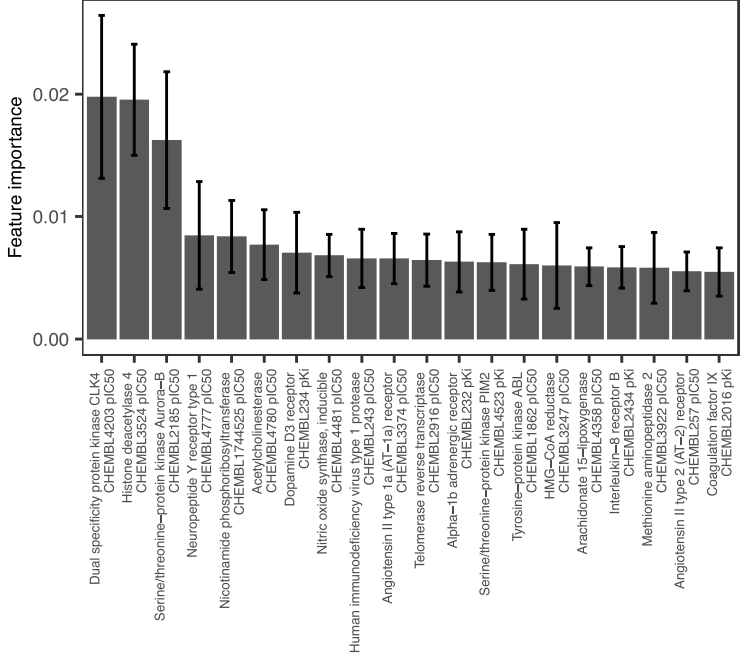
Ephrin; rv-QAFFP 1360

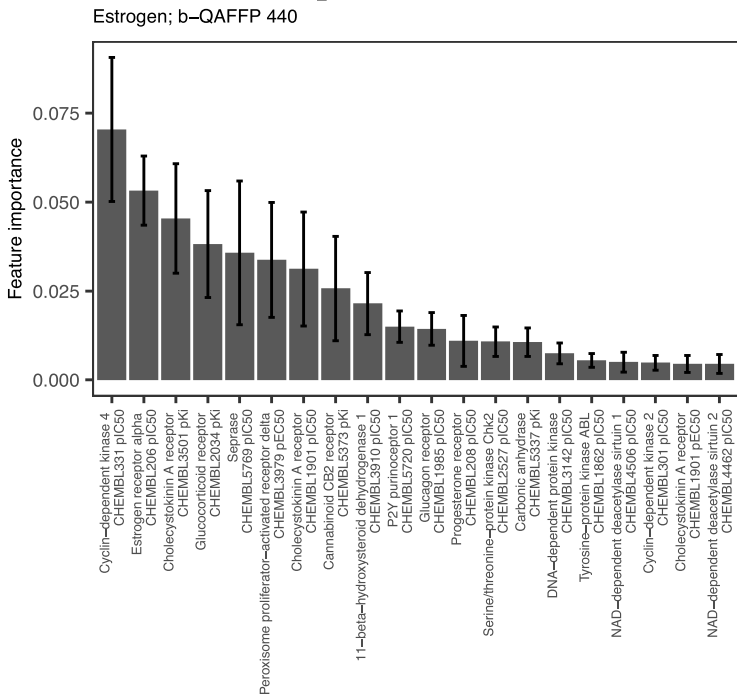
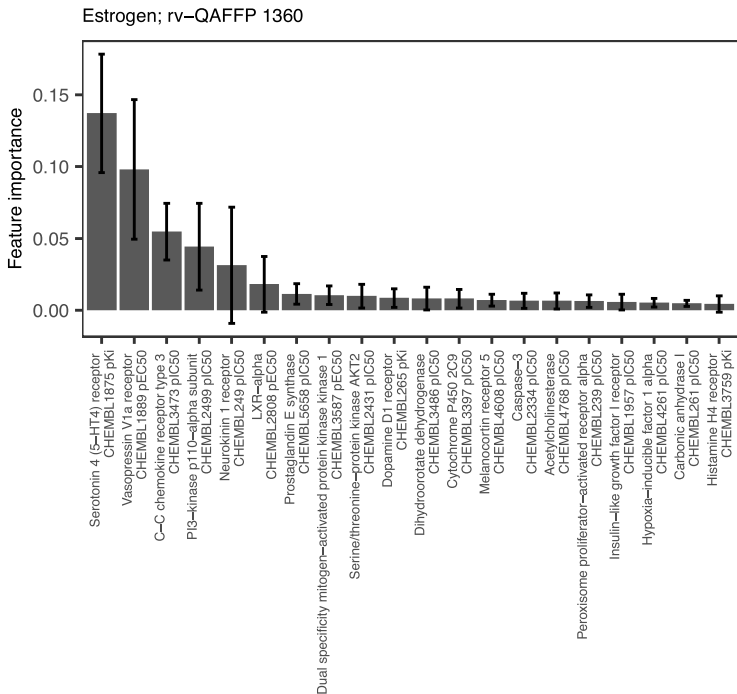
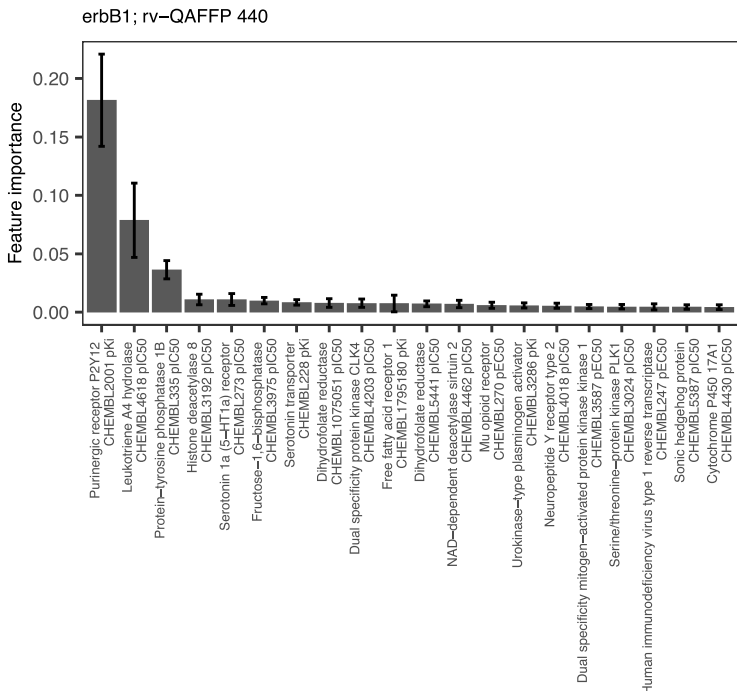
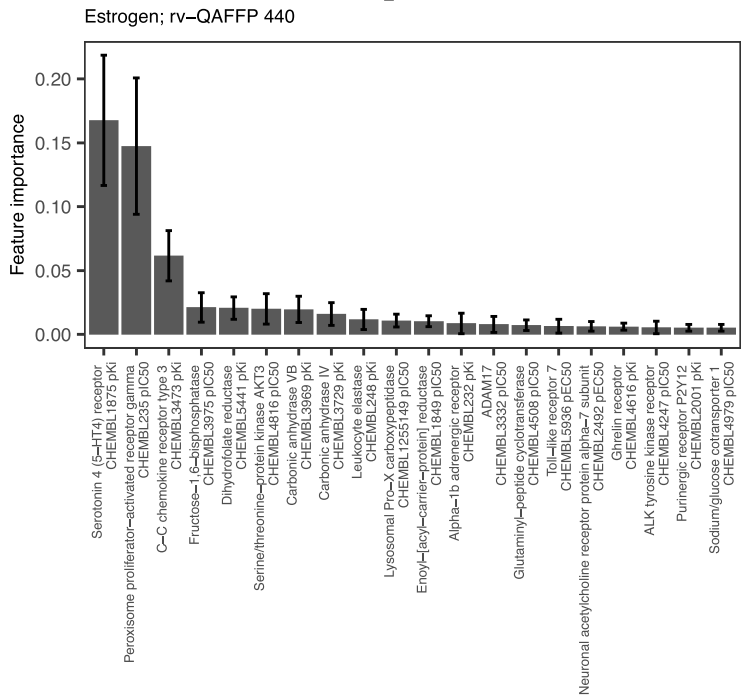
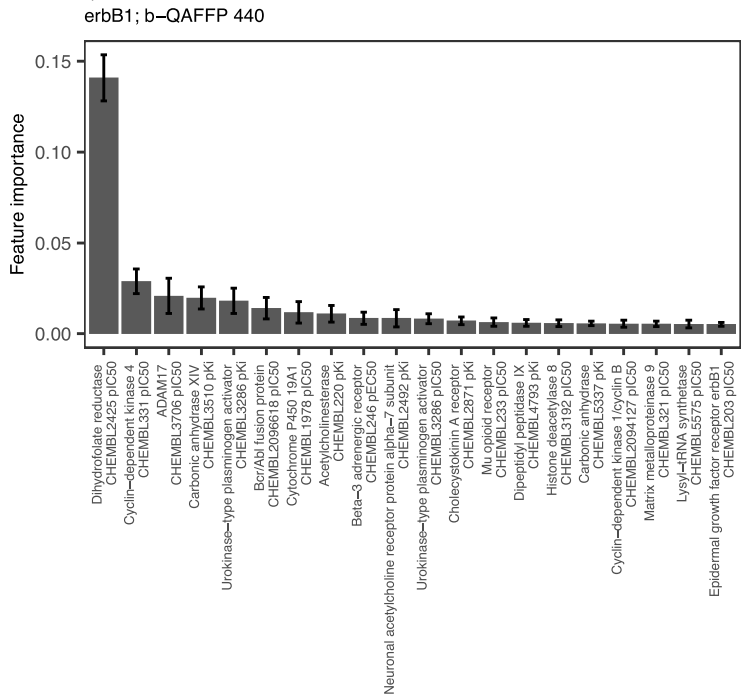
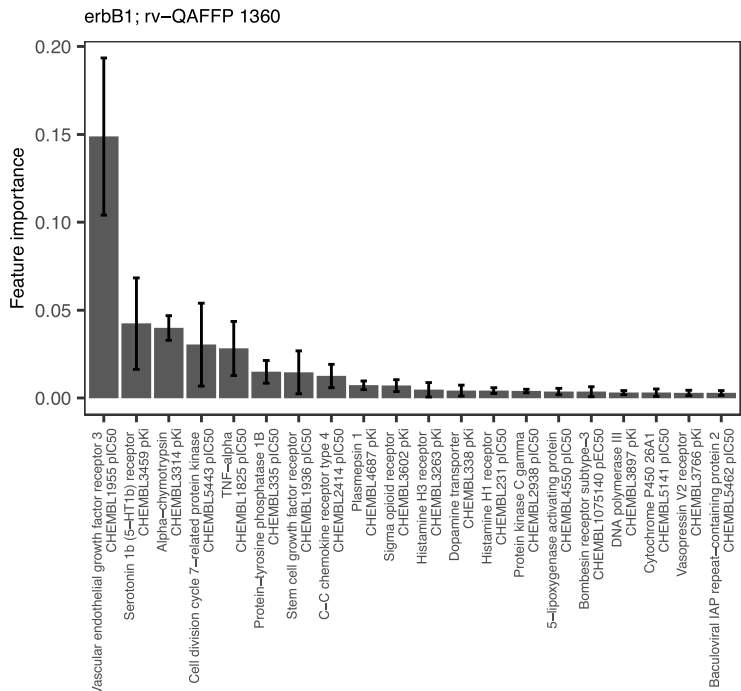


Ephrin; rv-QAFFP 440

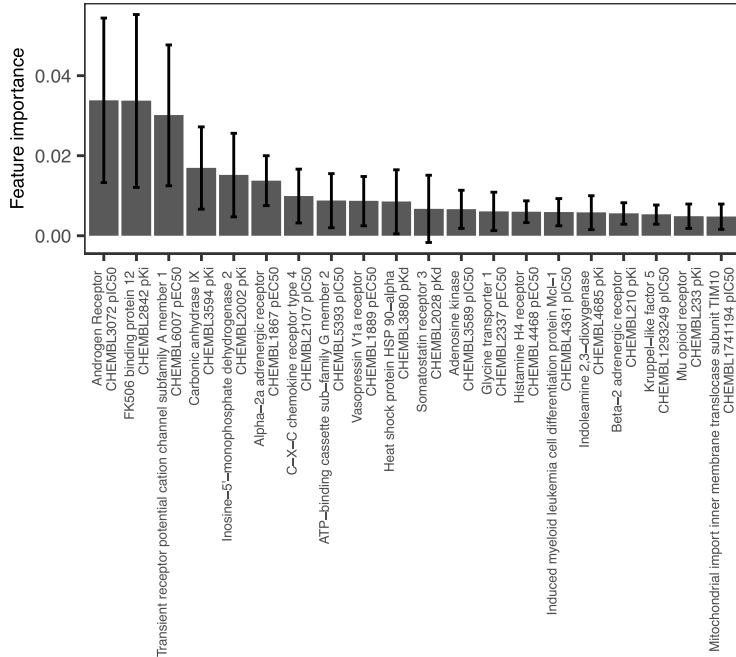


Ephrin; b-QAFFP 440

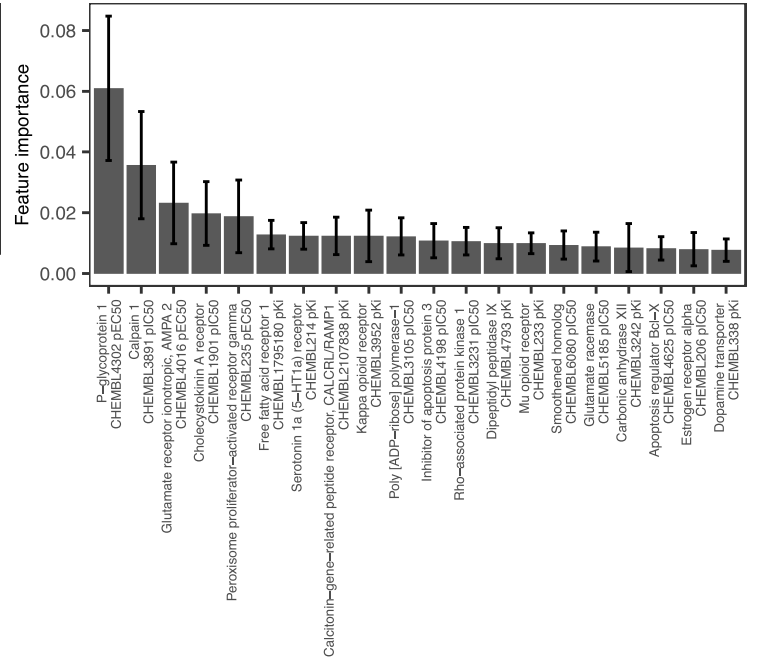




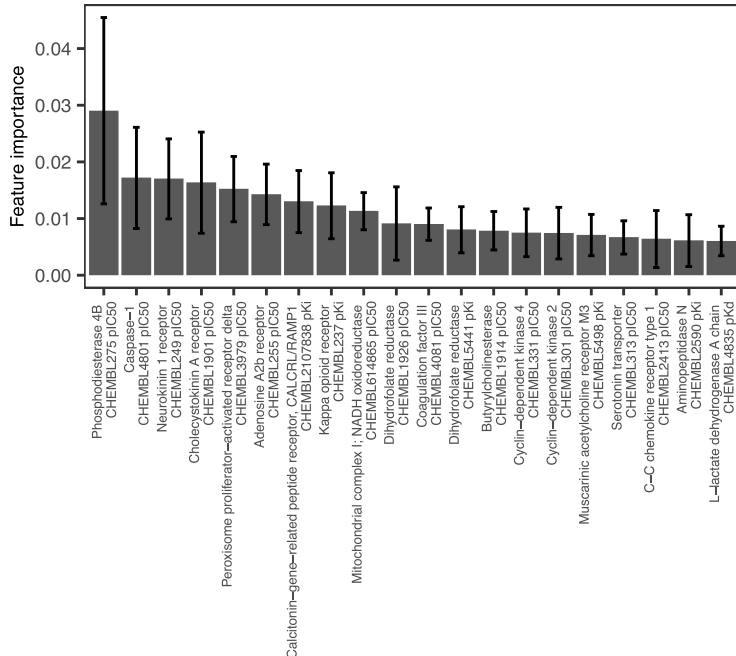
Glucocorticoid; rv-QAFFP 1360



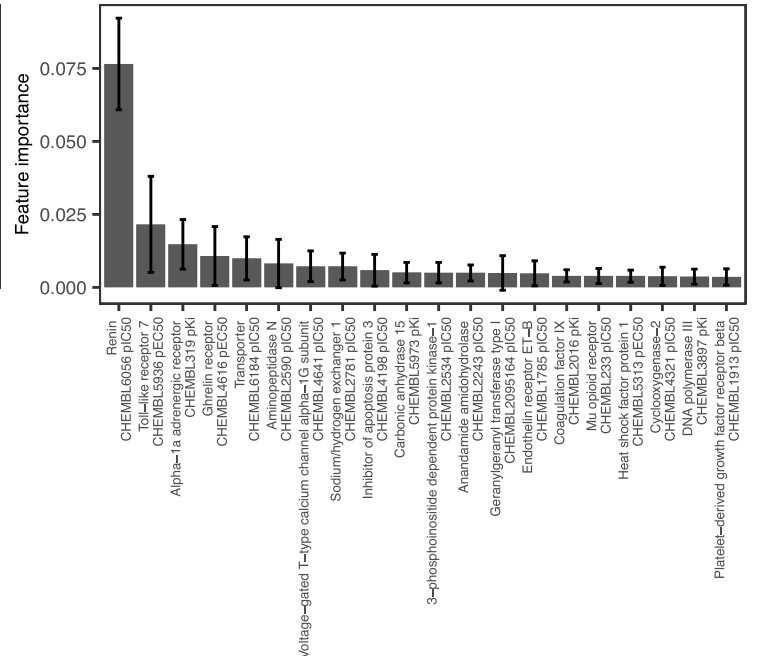
Glucocorticoid; rv-QAFFP 440



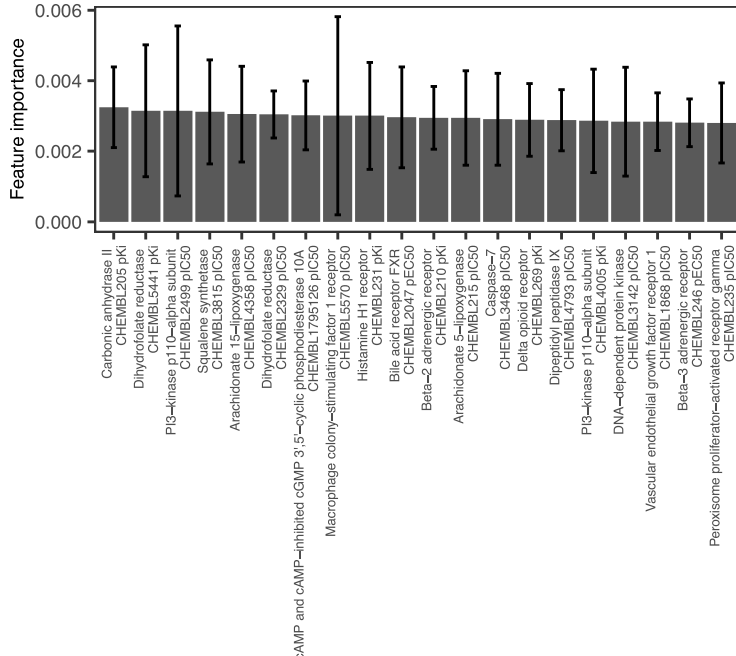
Glucocorticoid; b-QAFFP 440



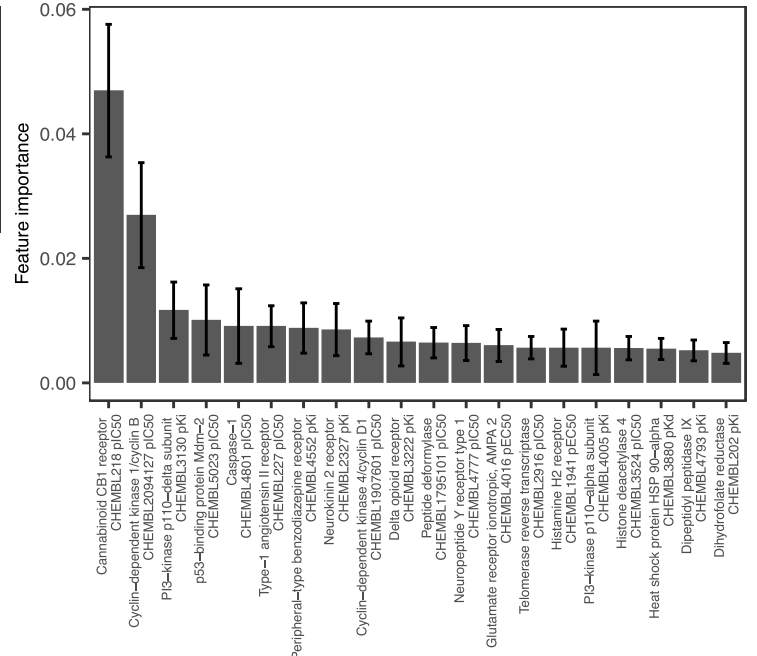
Glycogen; rv-QAFFP 1360

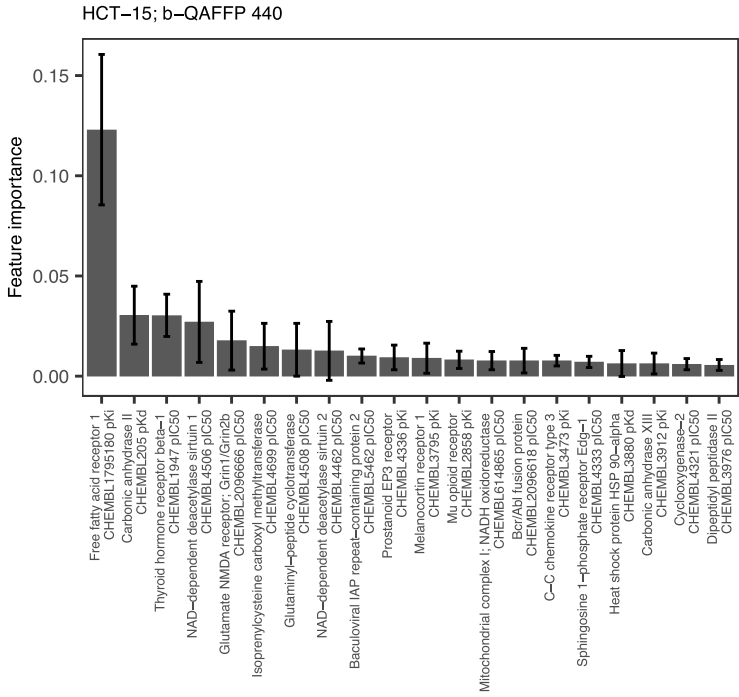
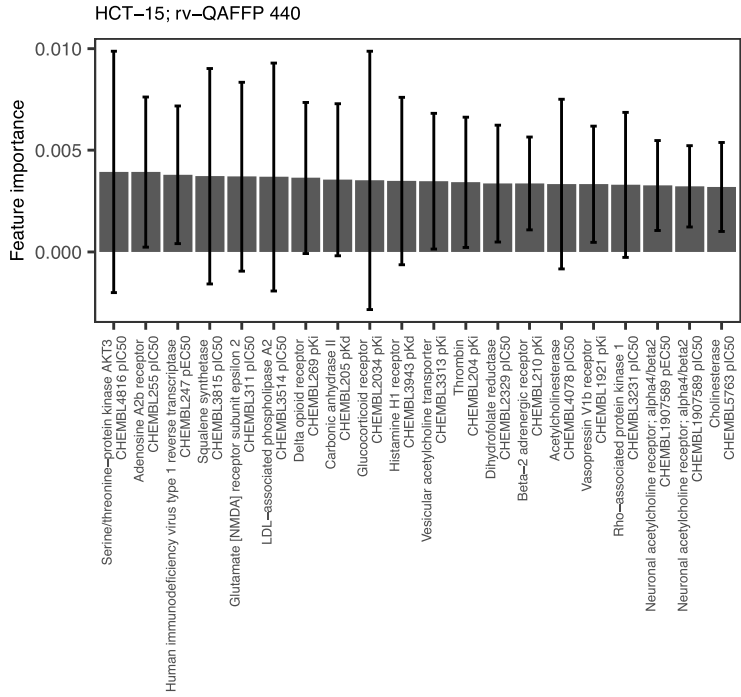
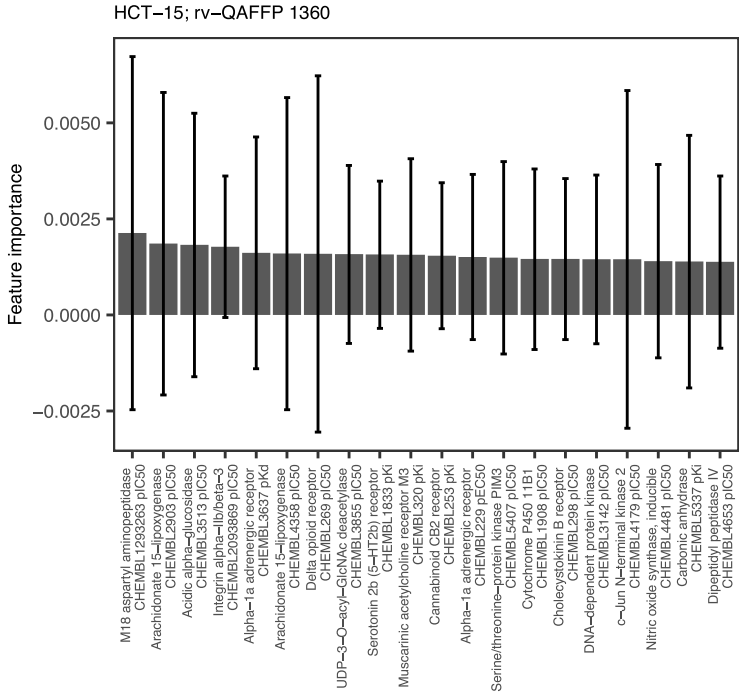
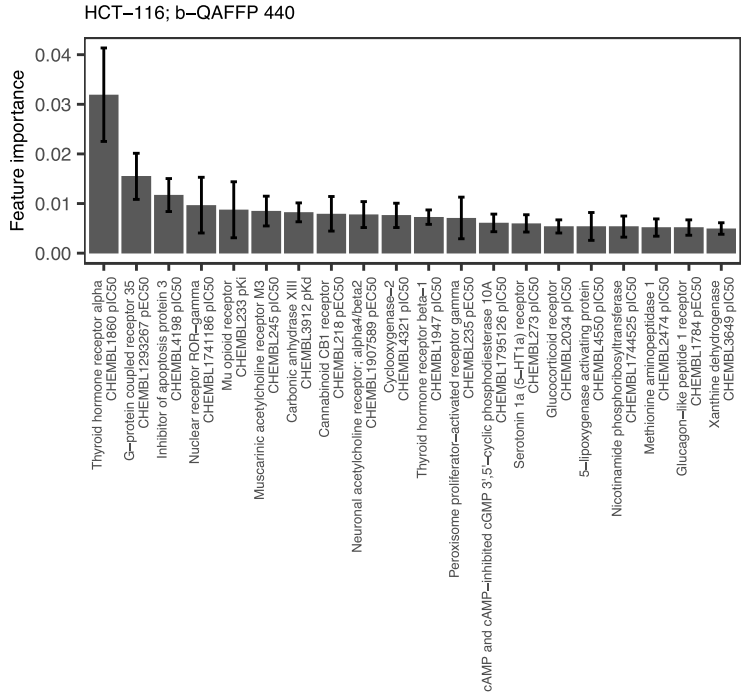
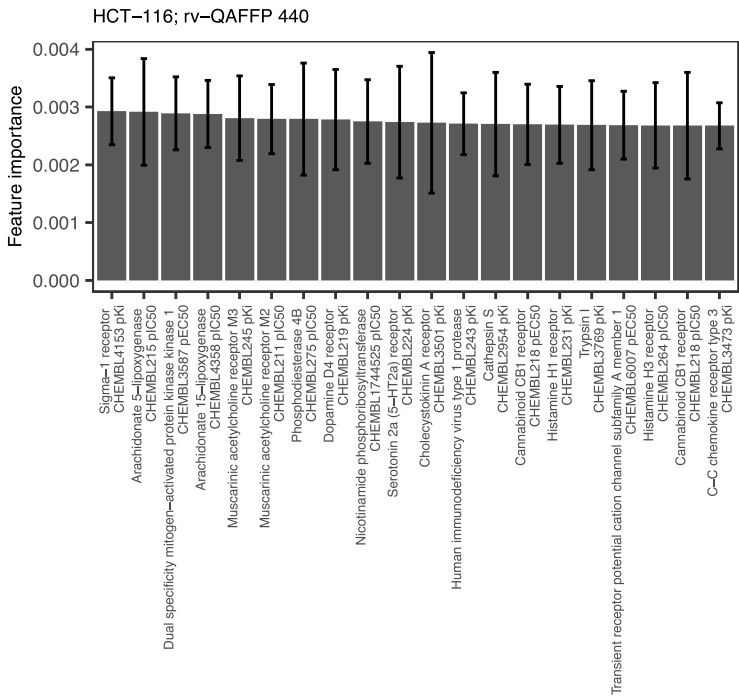
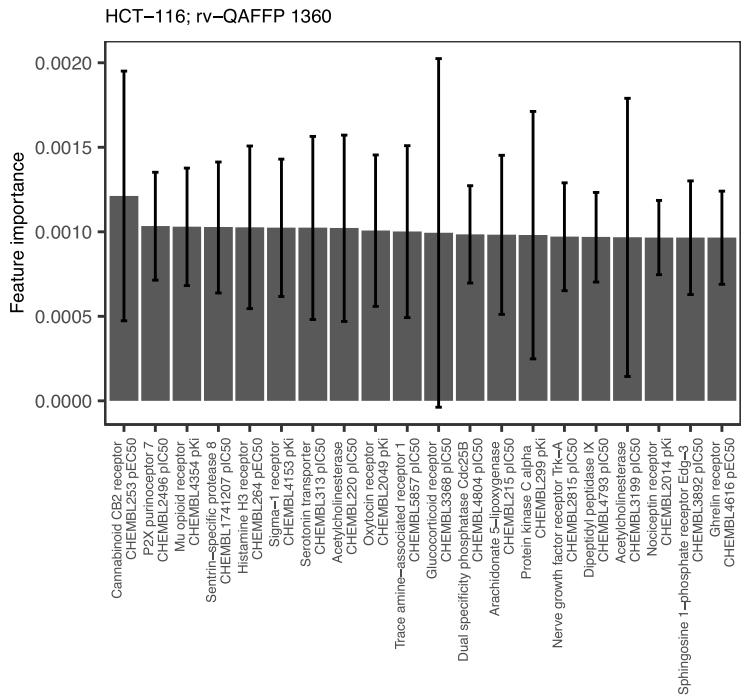


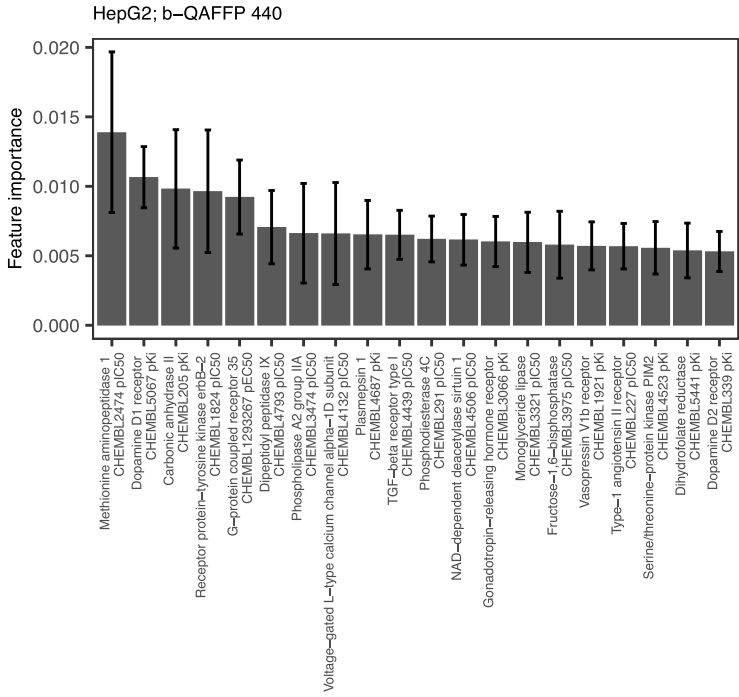
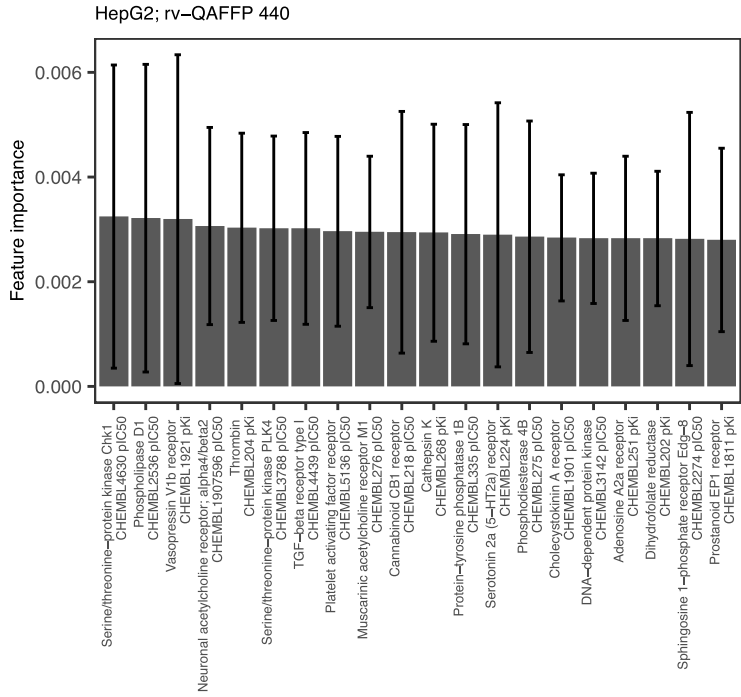
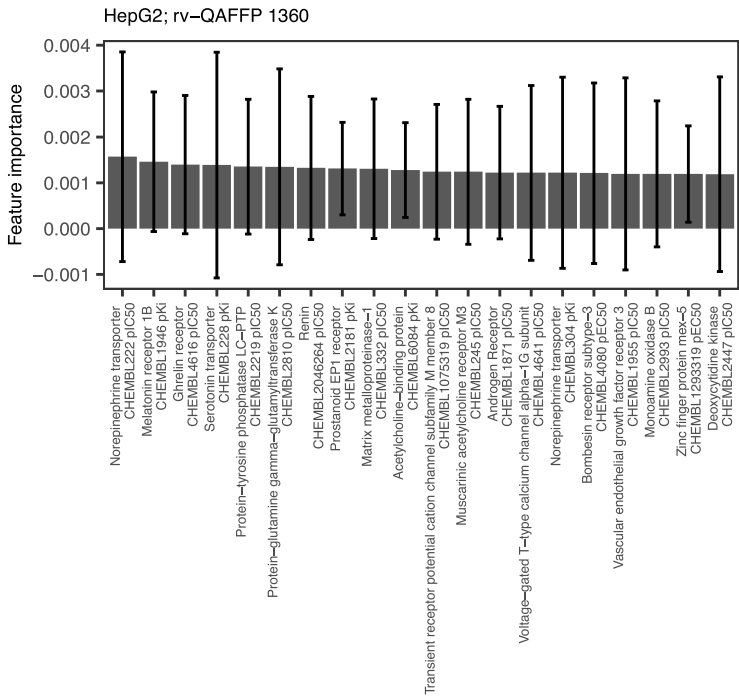
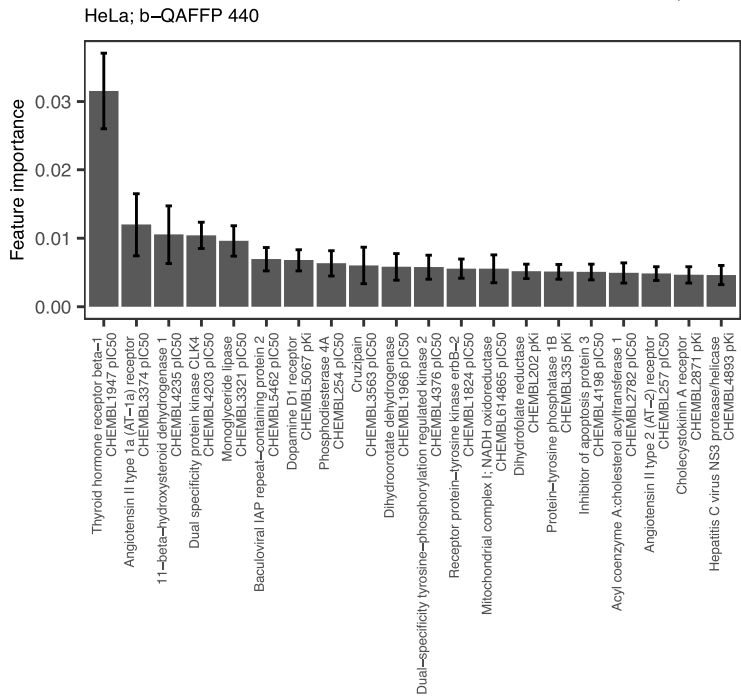
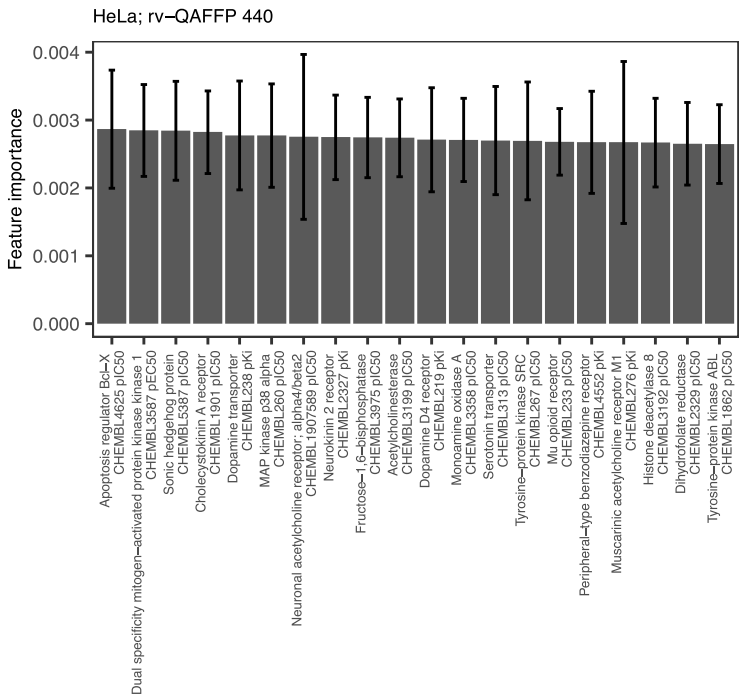
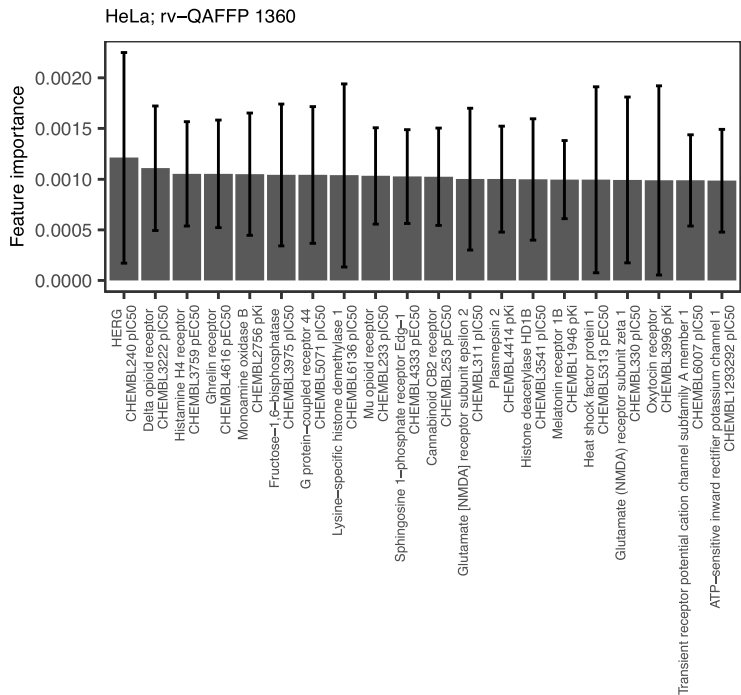
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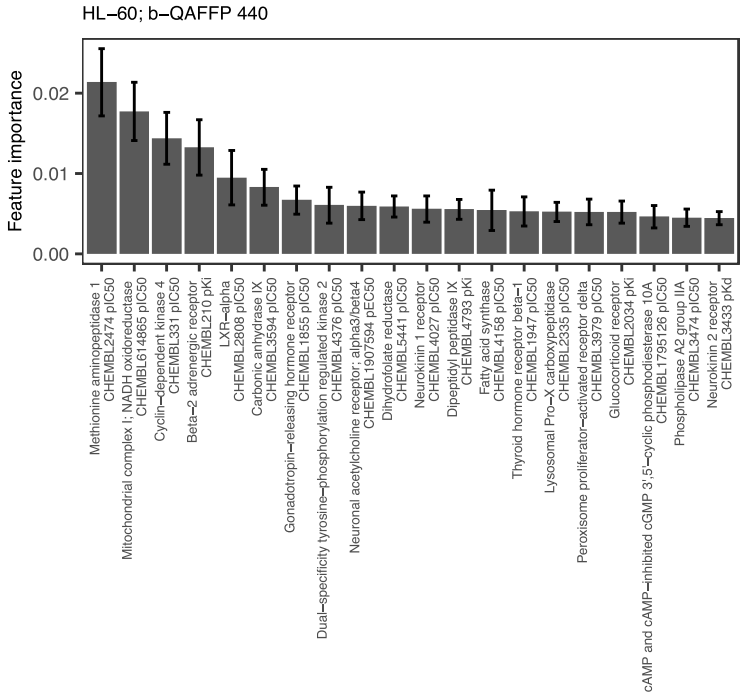
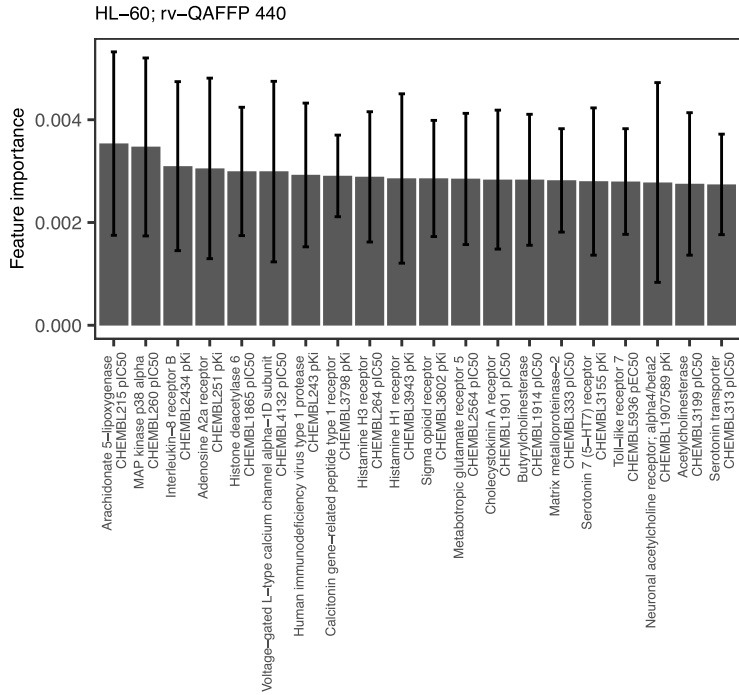
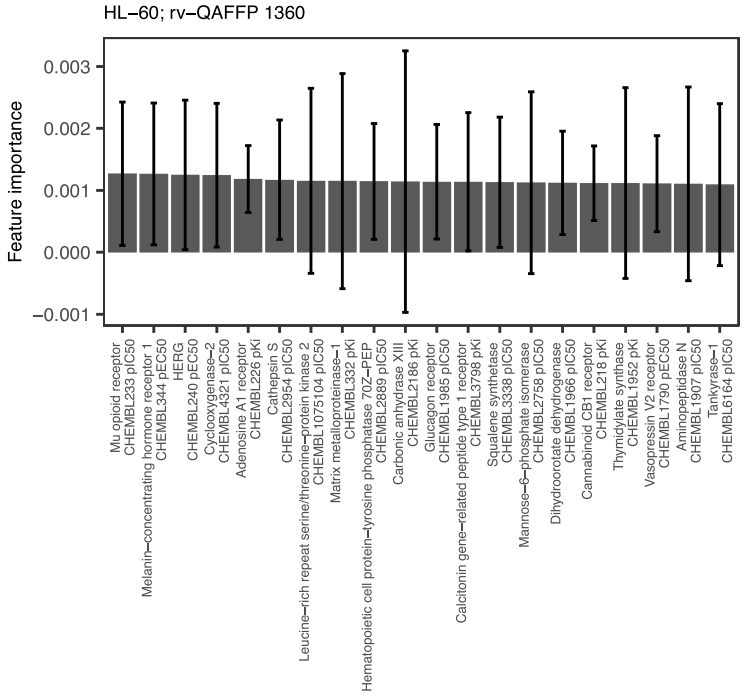
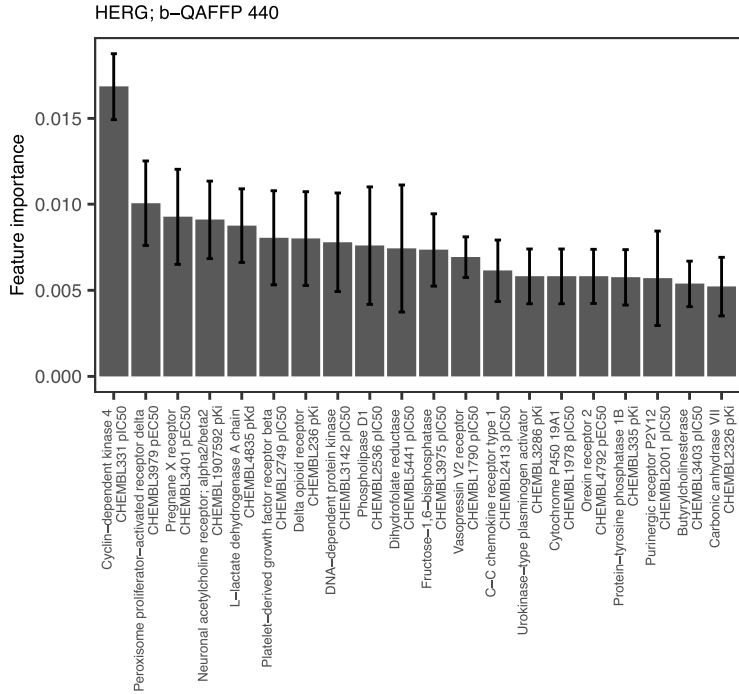
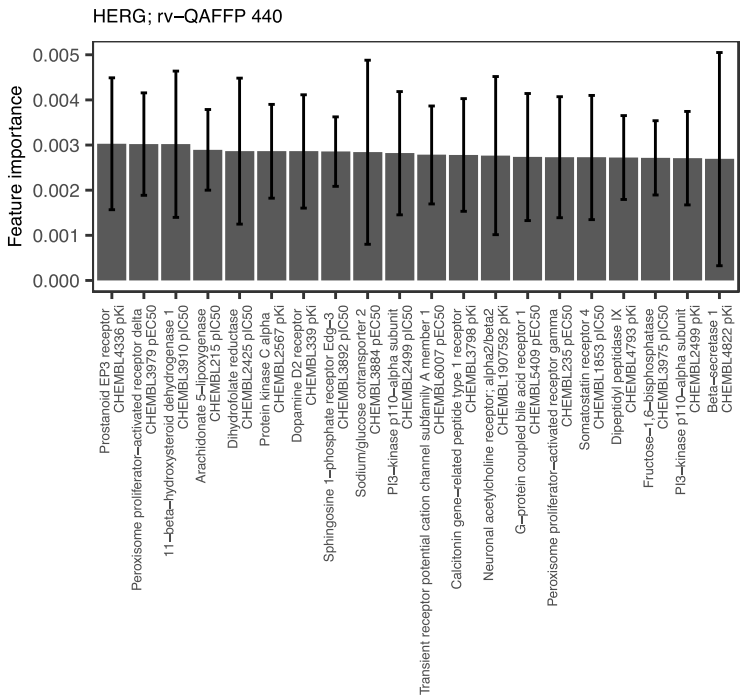
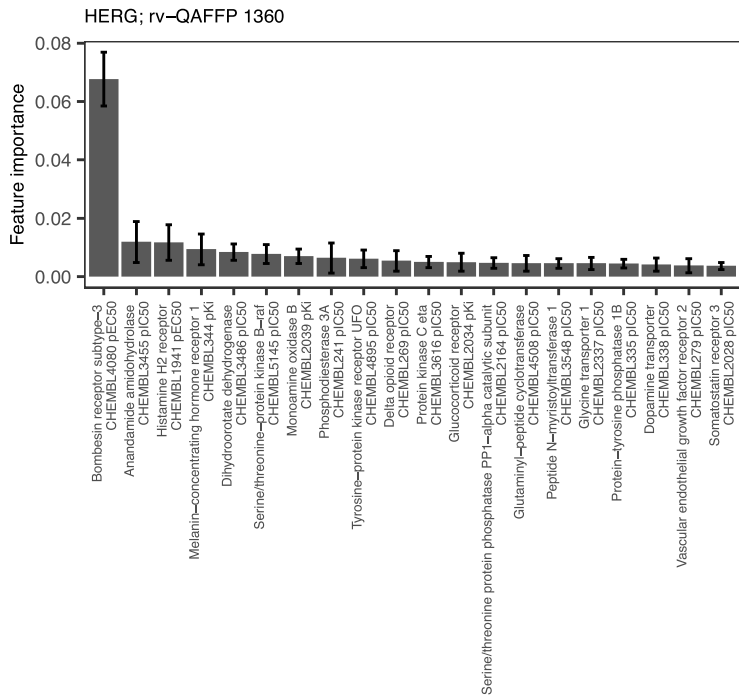


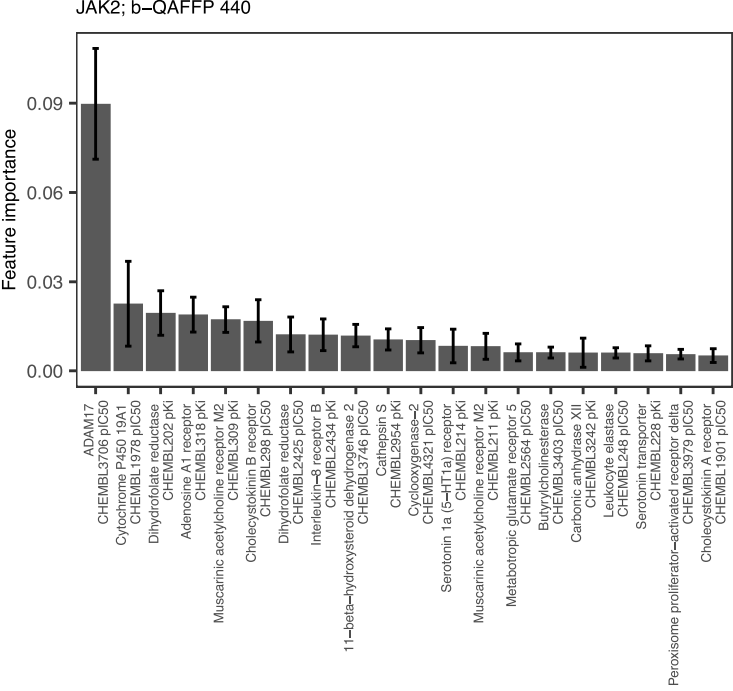
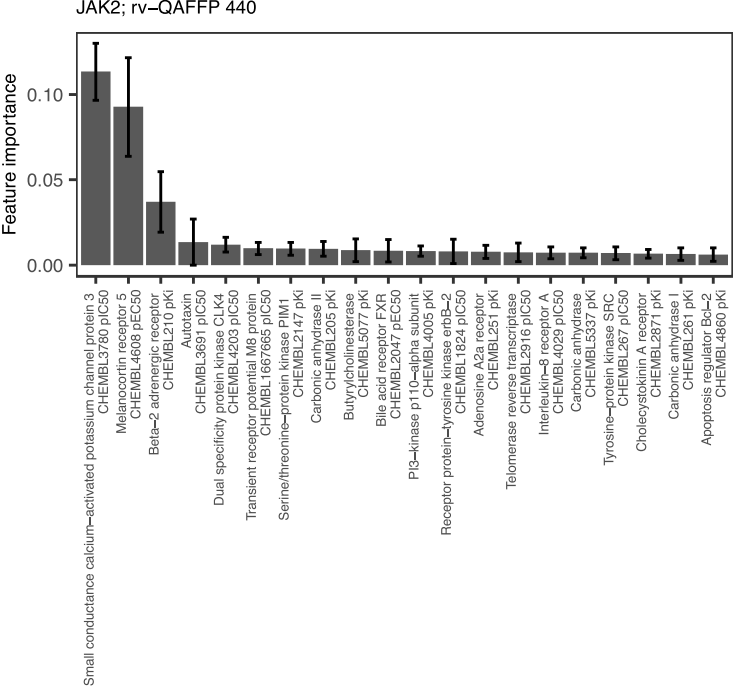
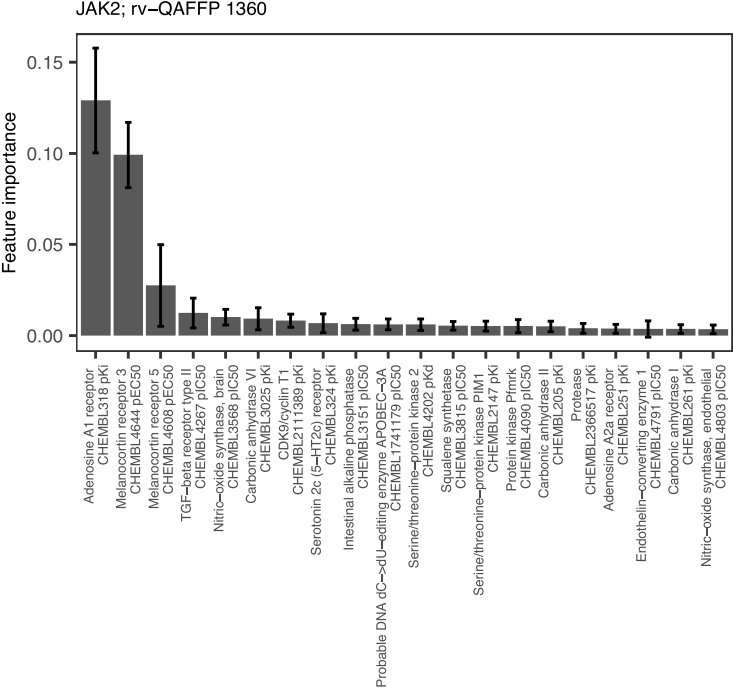
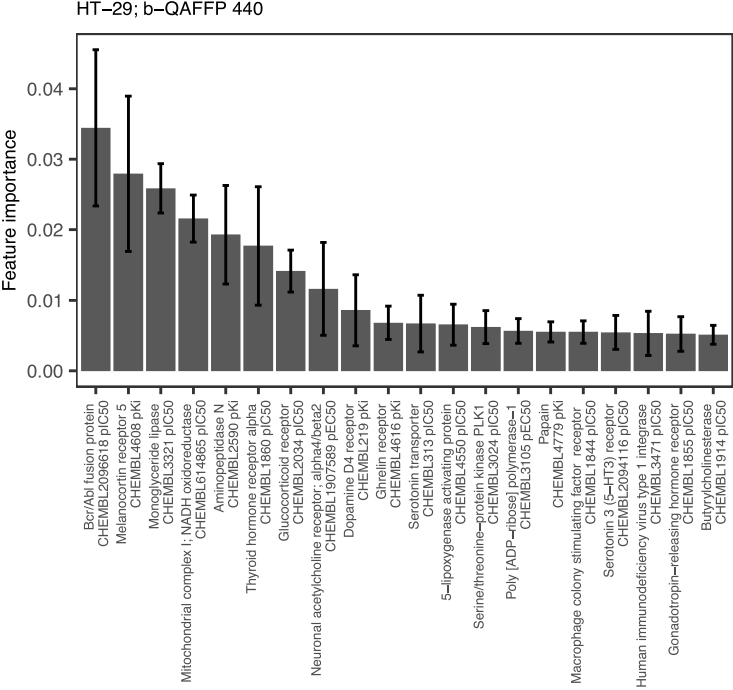
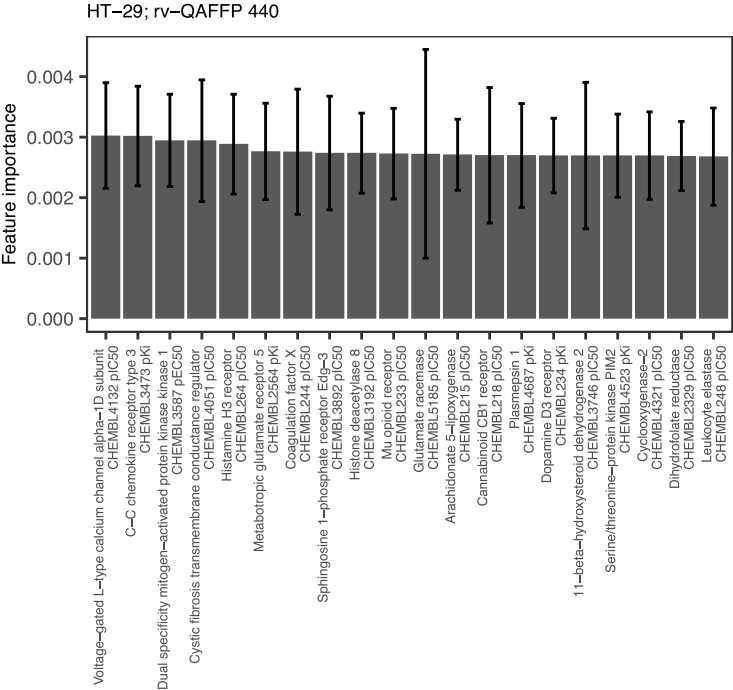
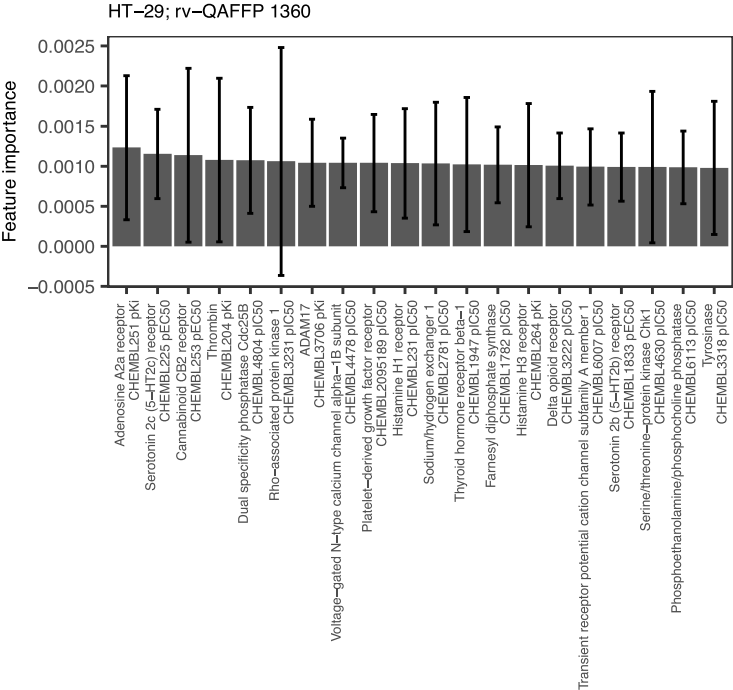
Glycogen; b-QAFFP 440

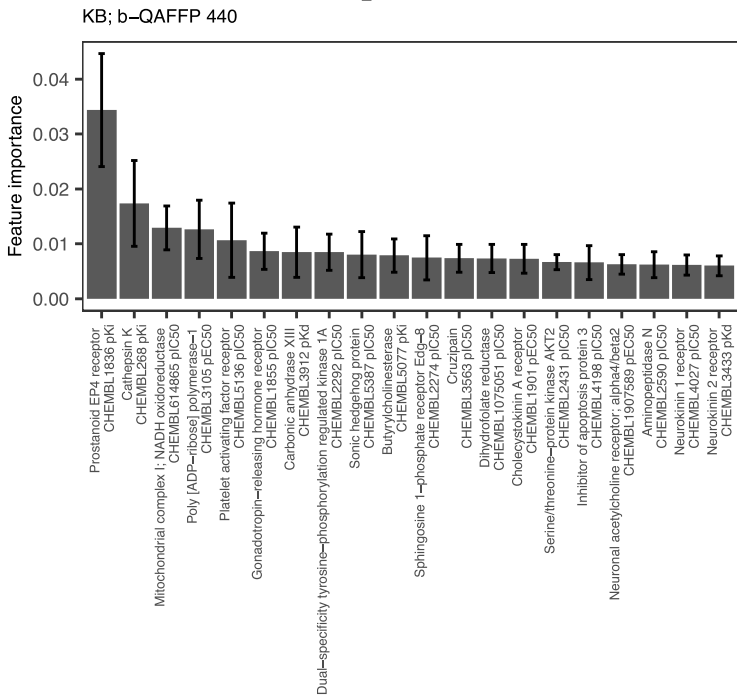
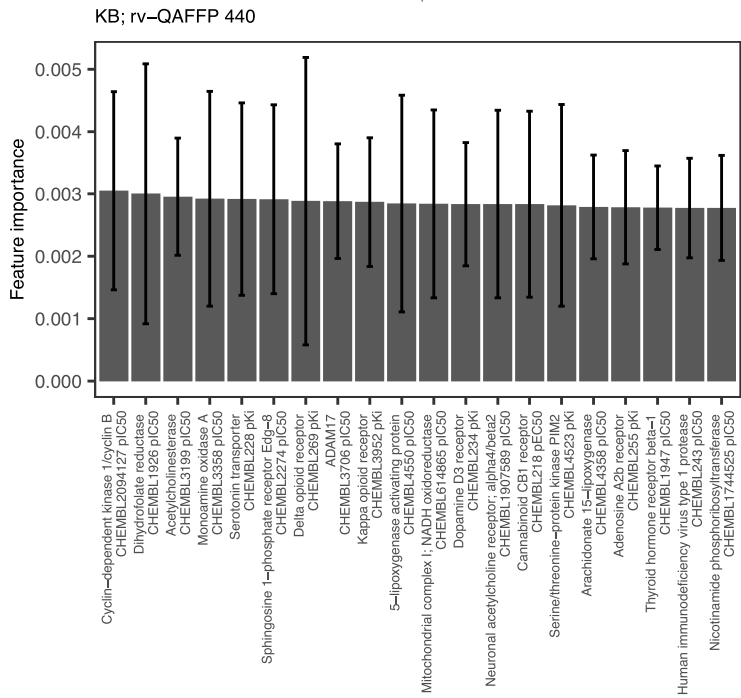
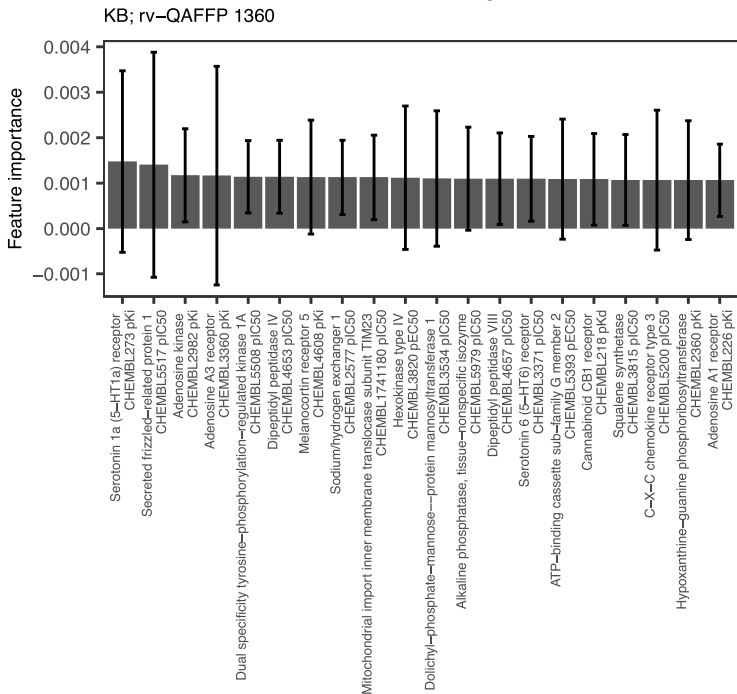
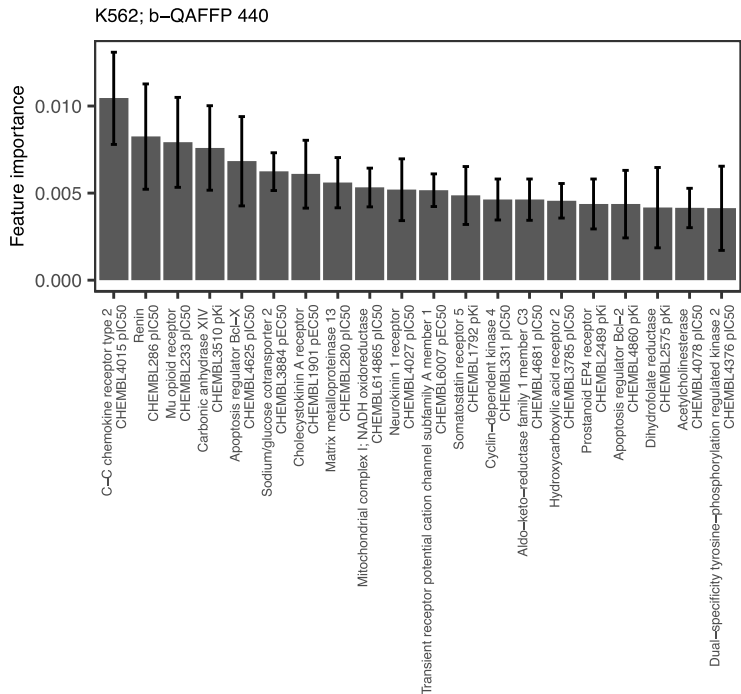
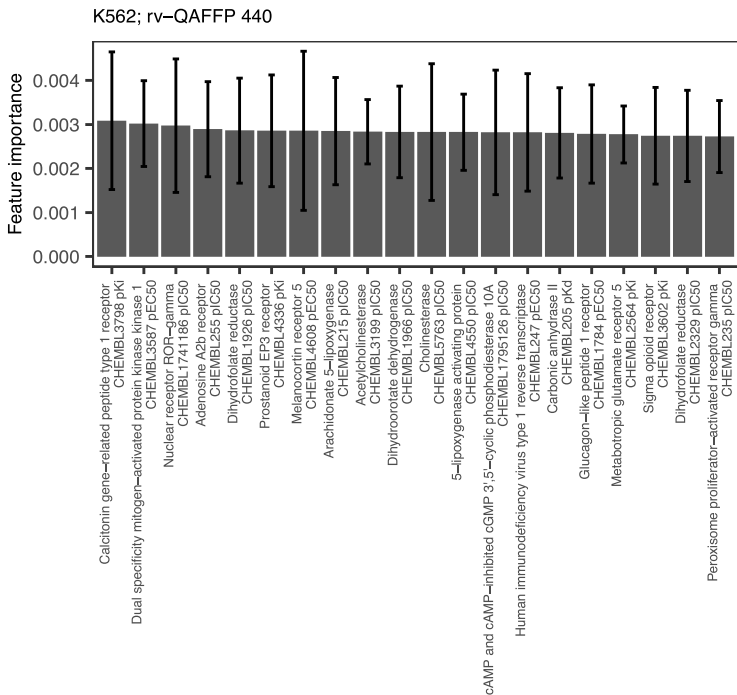
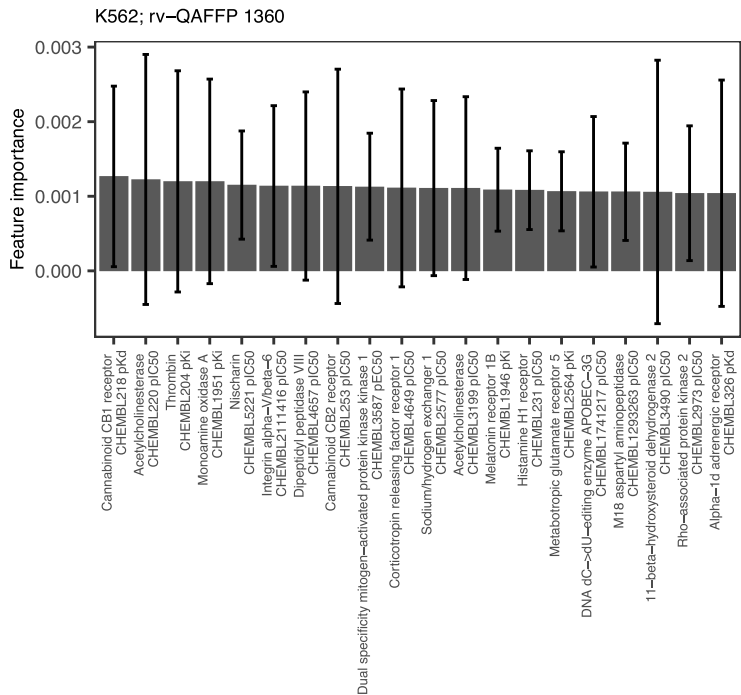




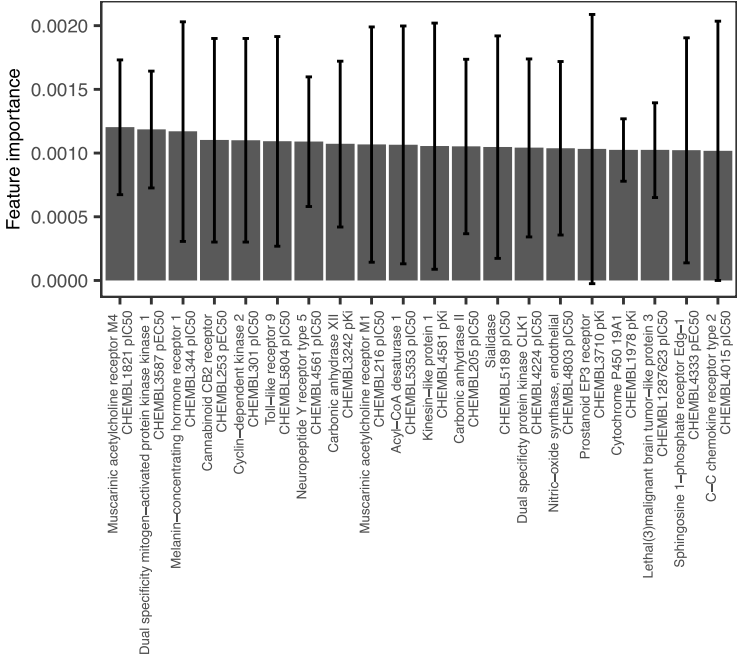




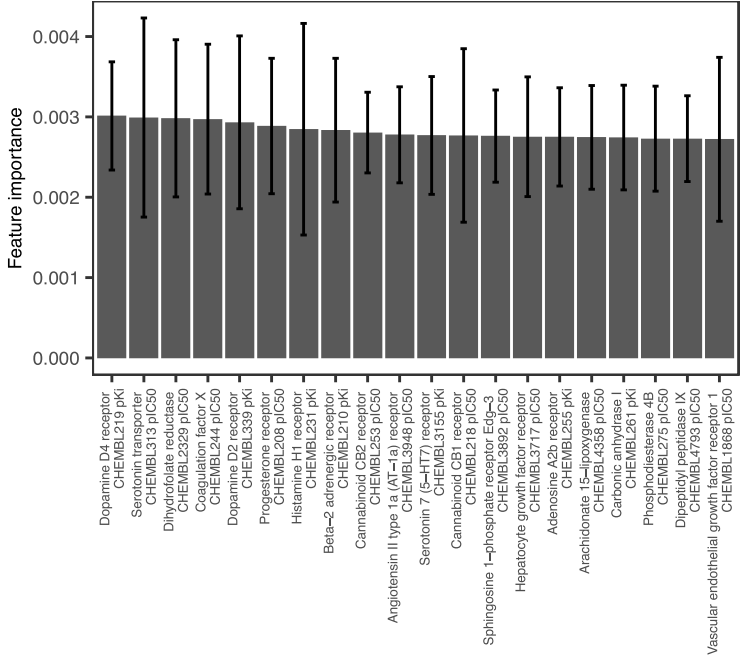




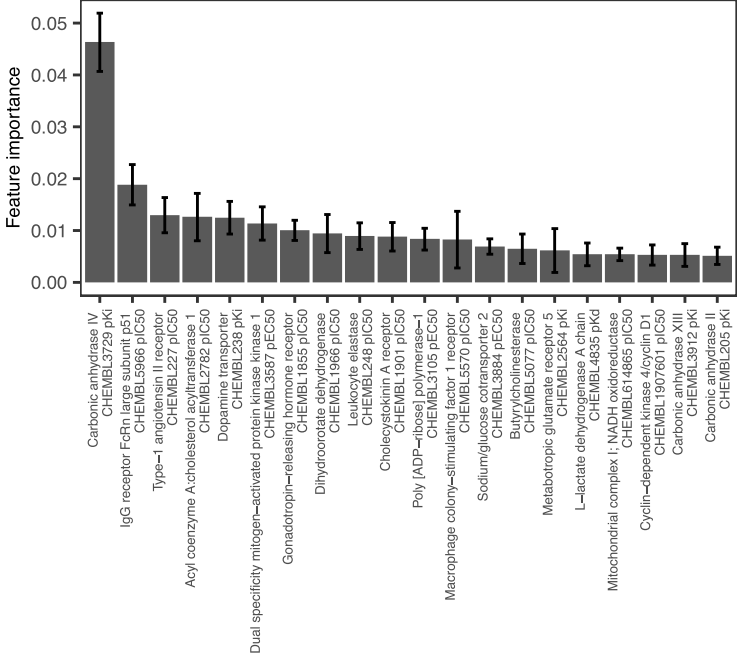
L1210; rv-QAFFP 1360



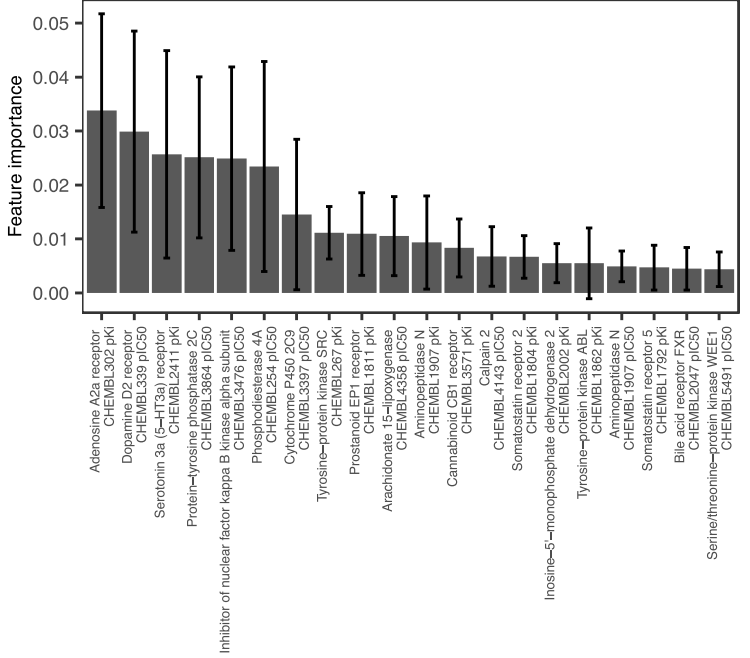
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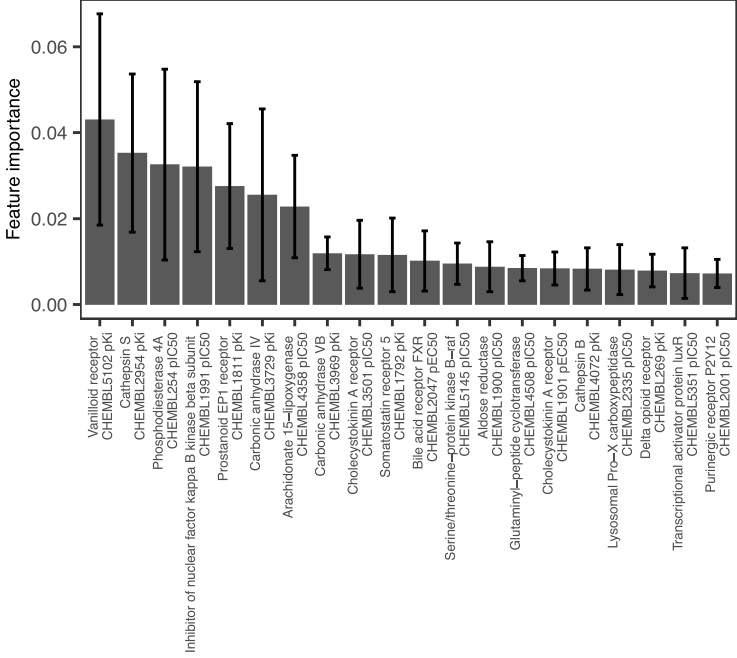
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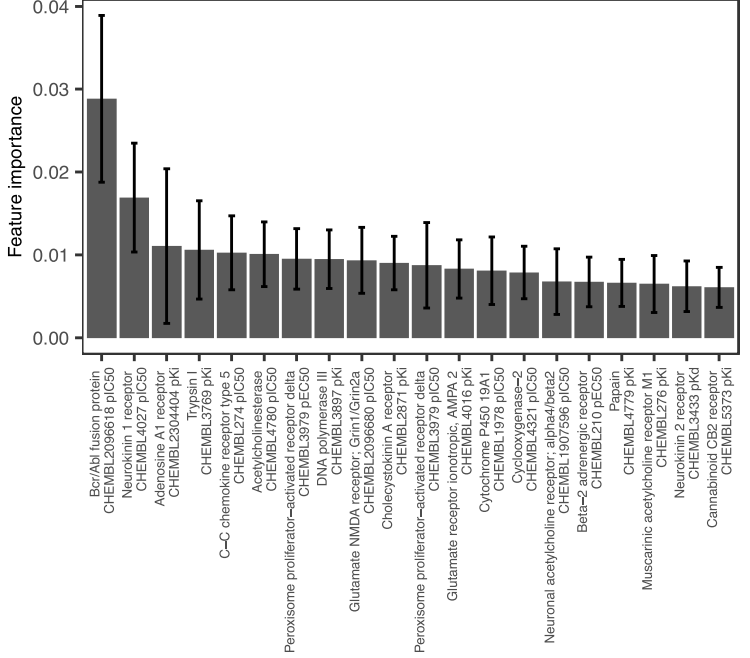
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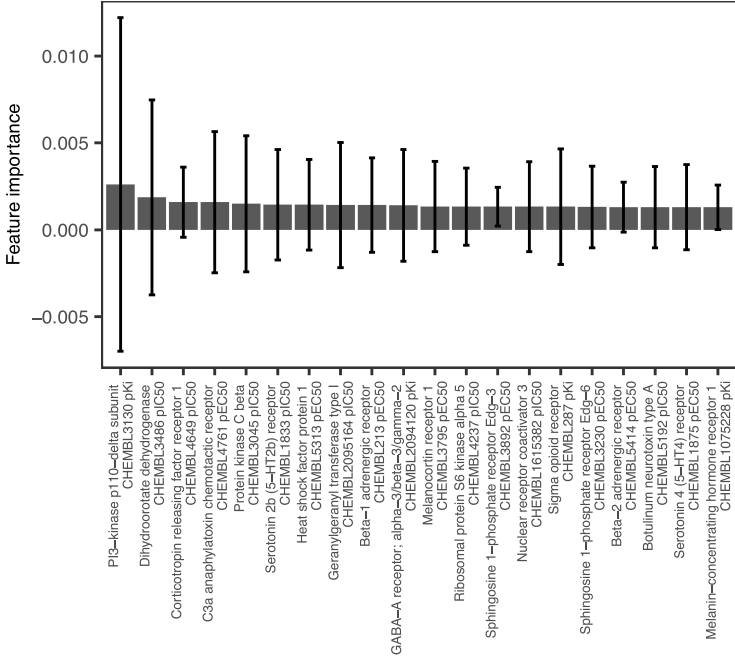
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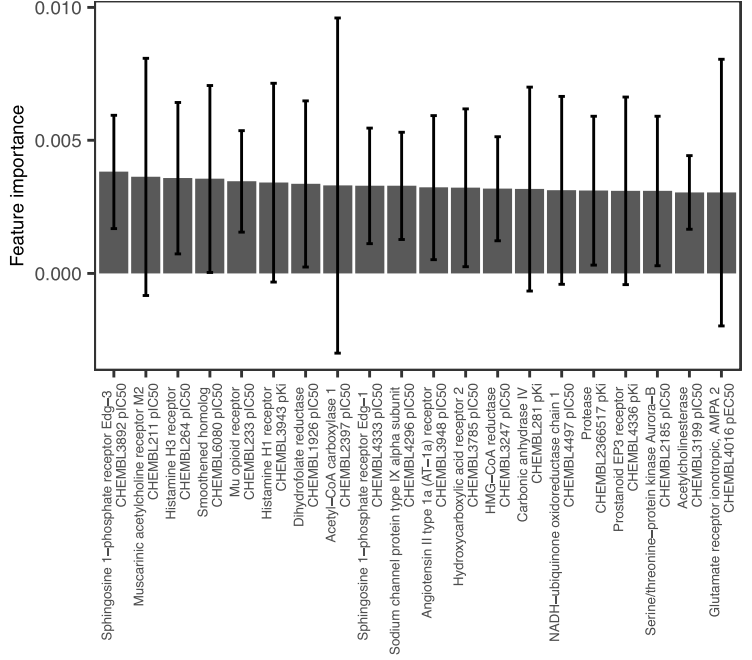
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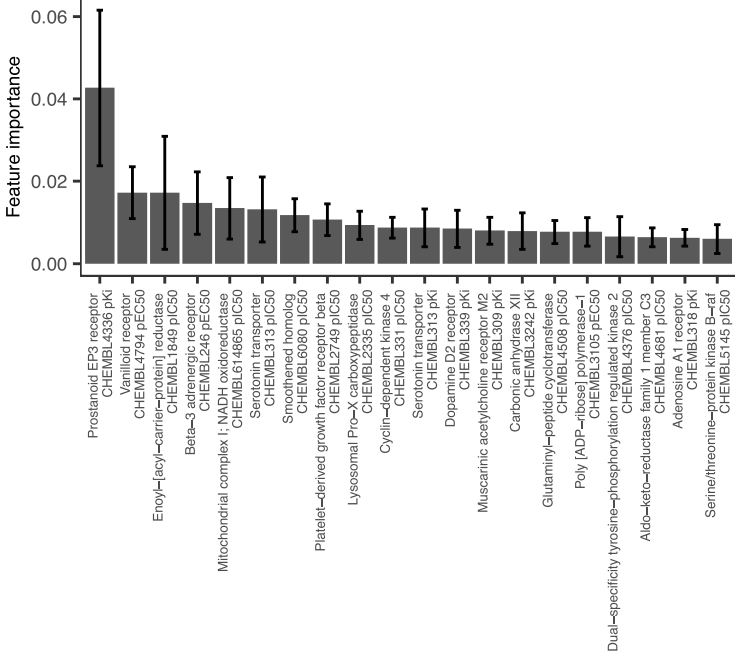
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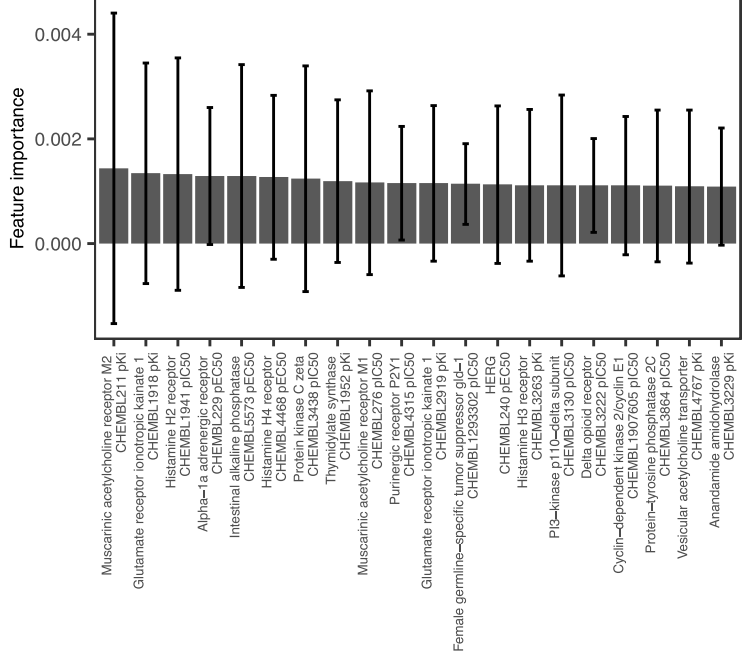
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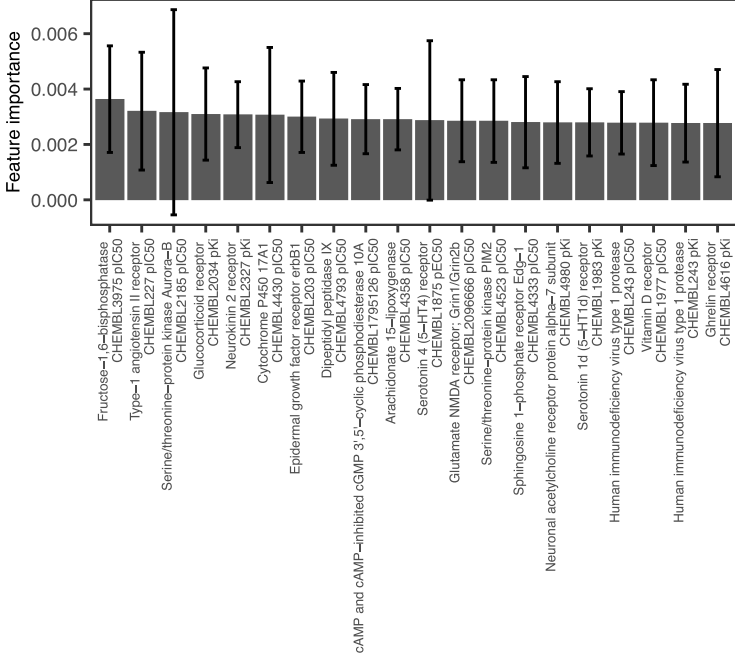
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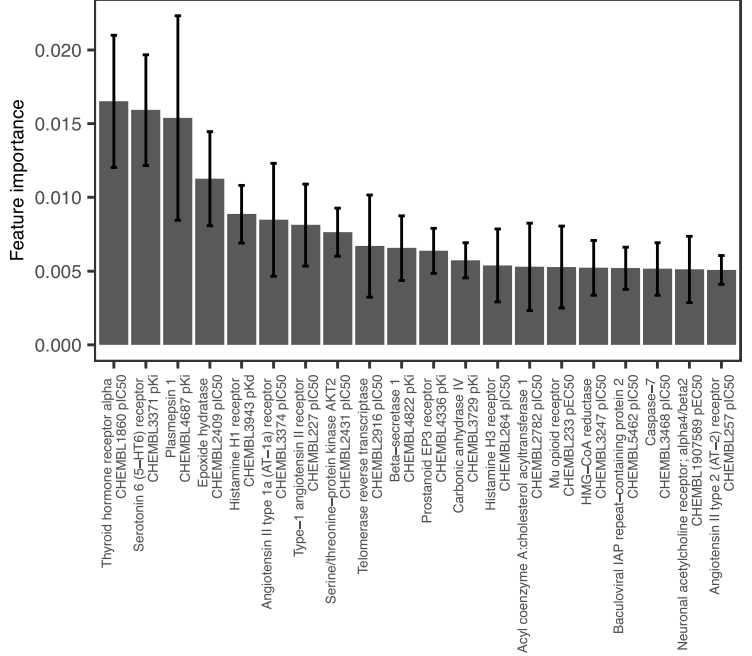
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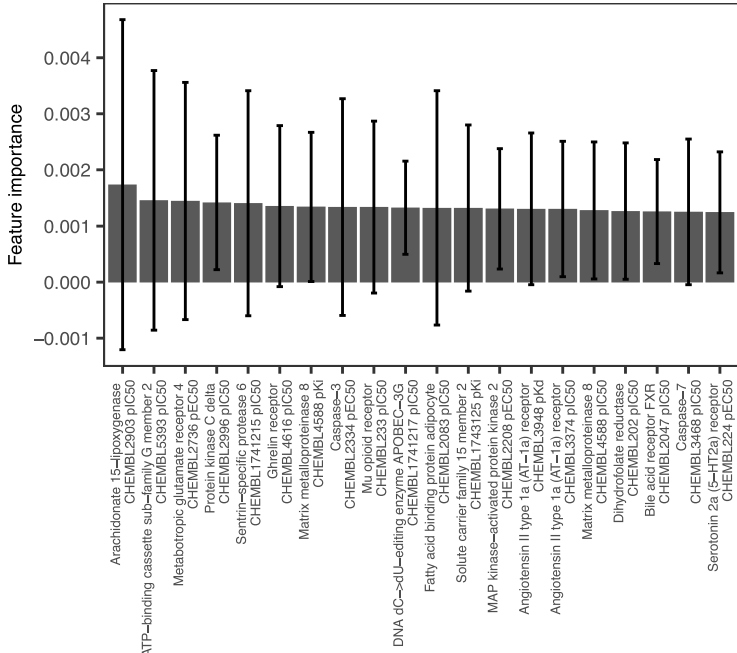
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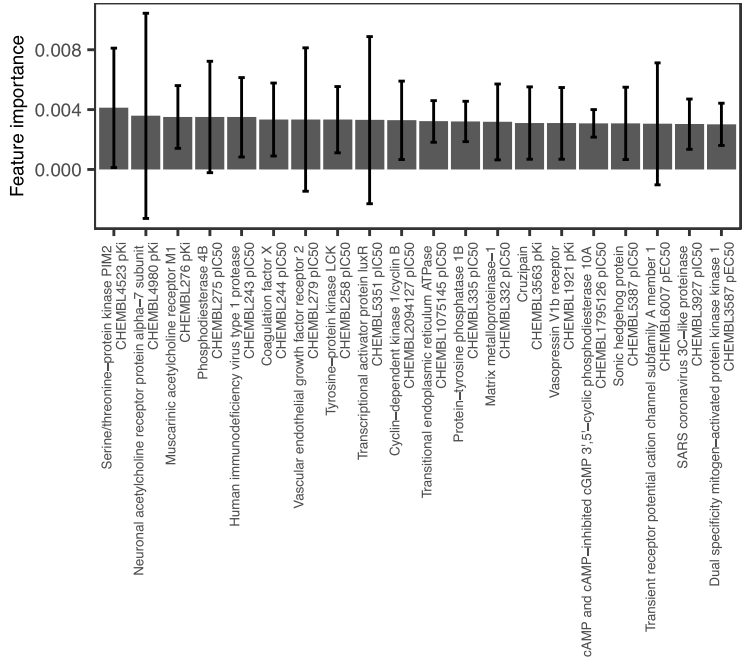
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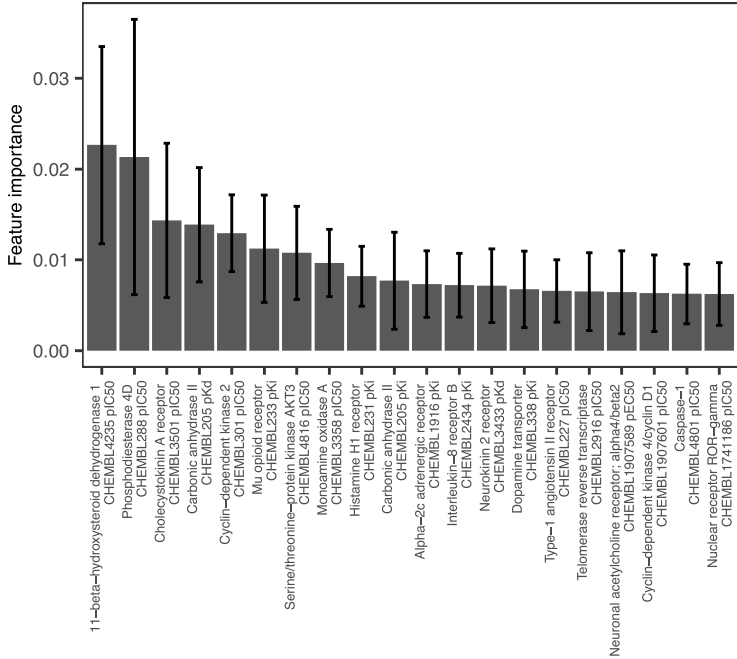
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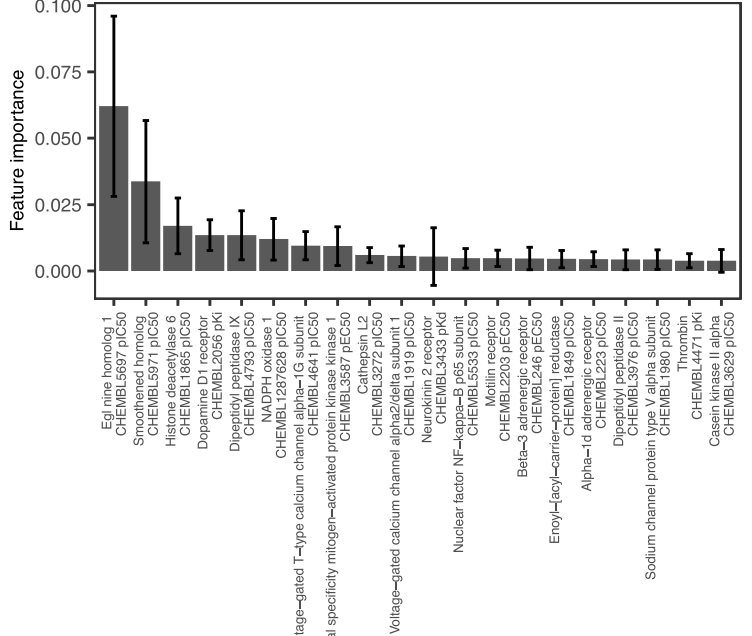
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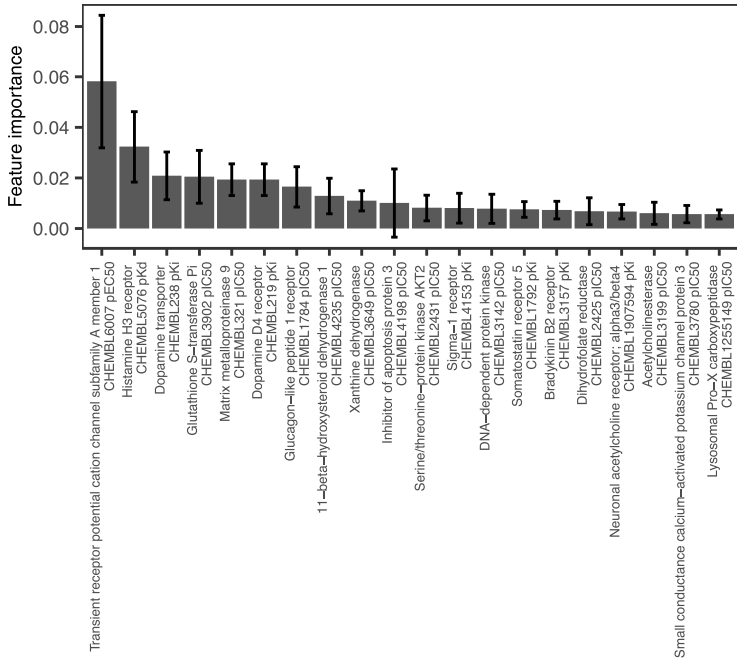
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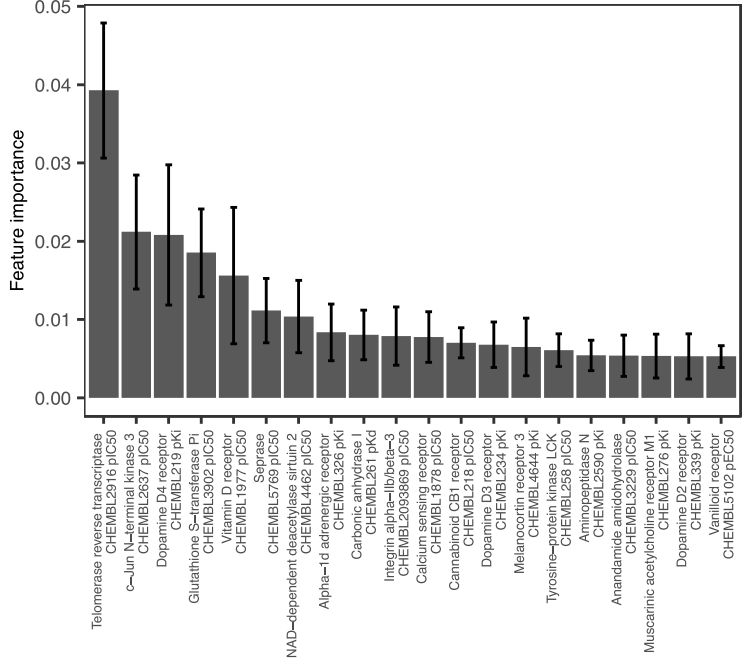
Monoamine; rv-QAFFP 1360



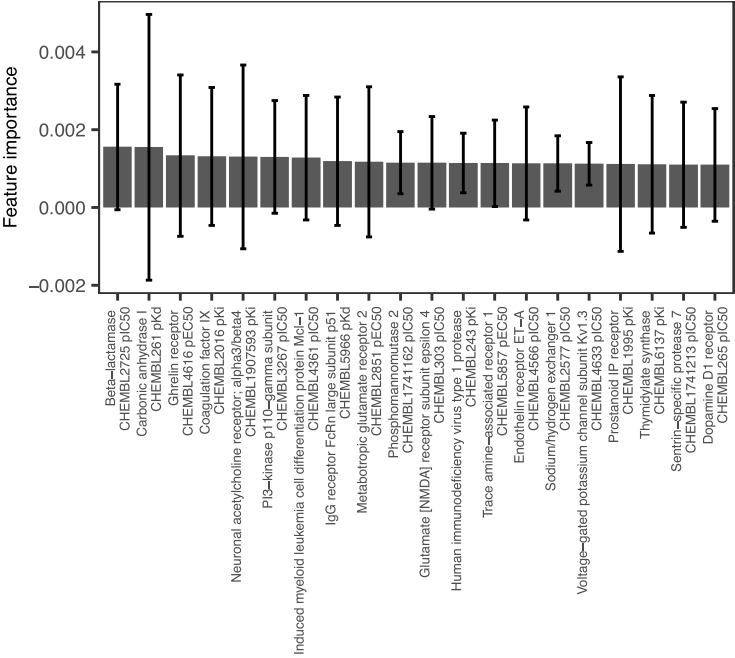
Monoamine; rv-QAFFP 440



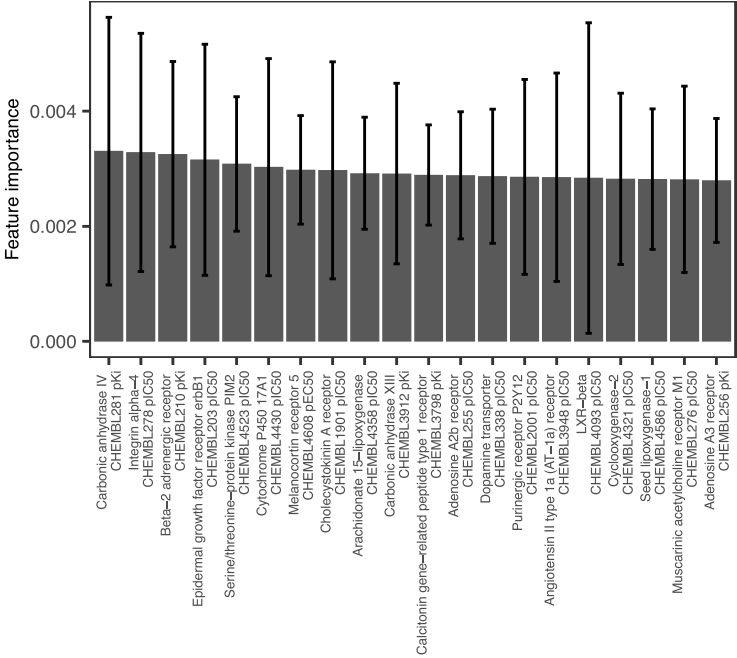
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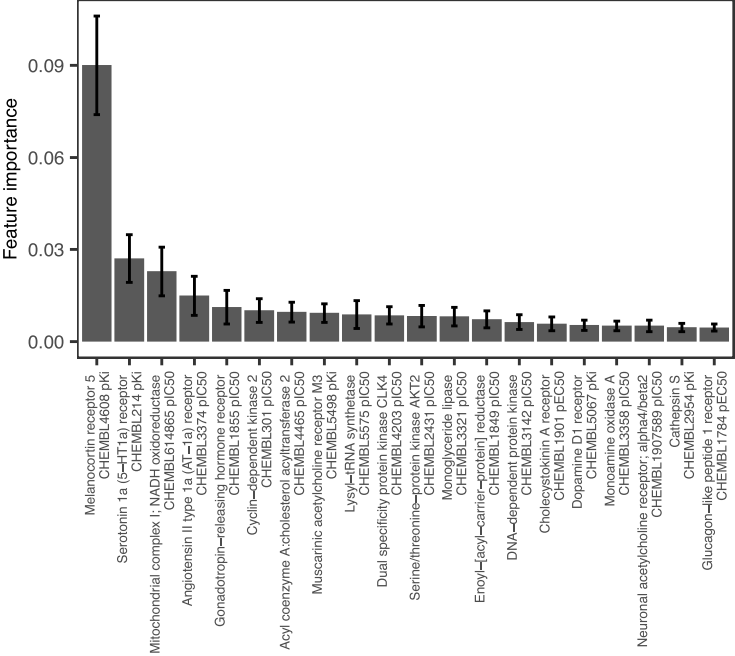
NCI-H460; rv-QAFFP 1360



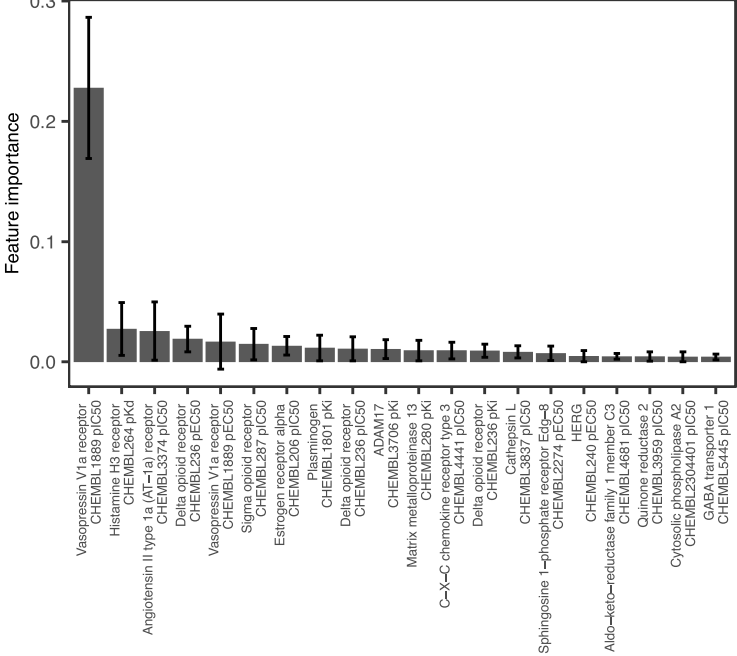
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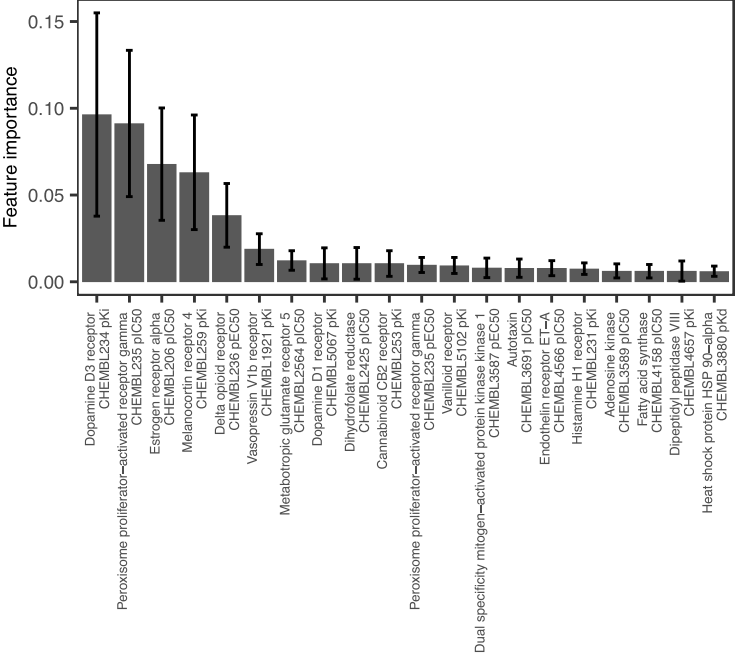
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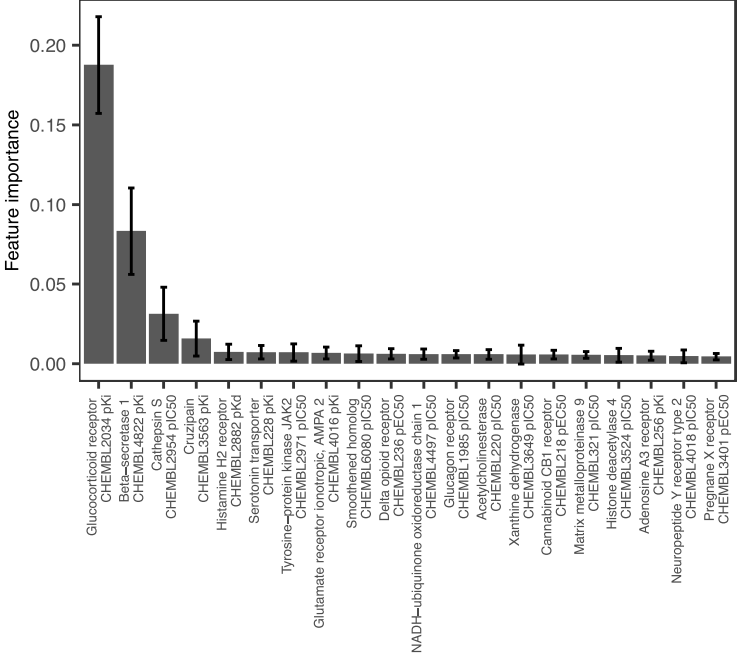
opioid; rv-QAFFP 1360

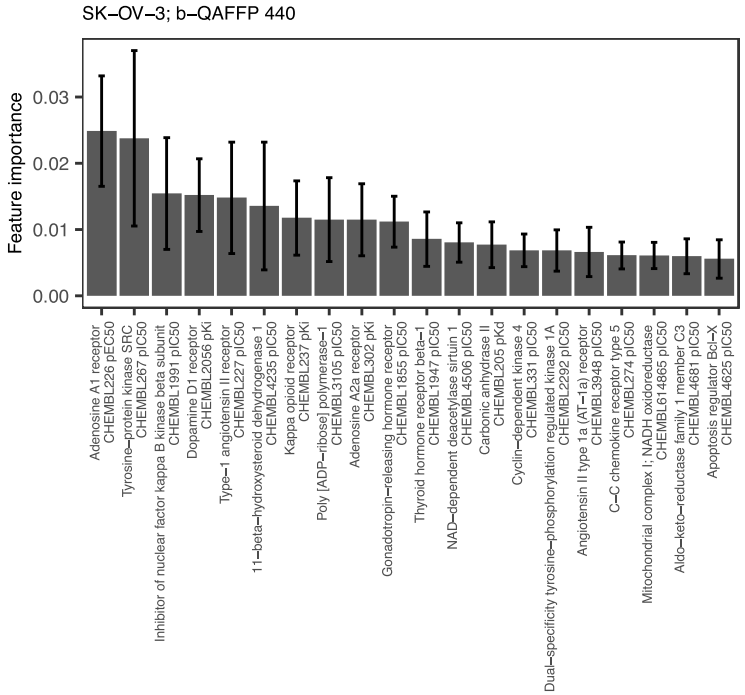
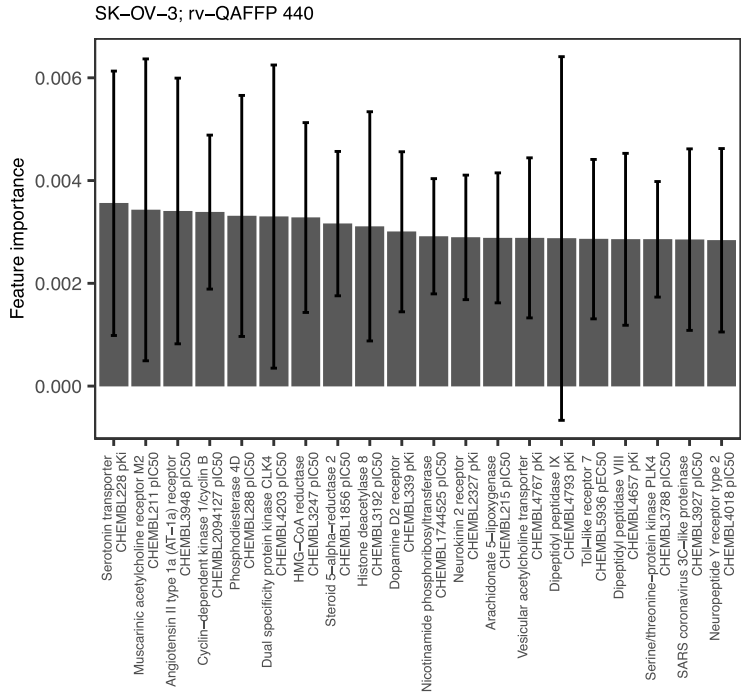
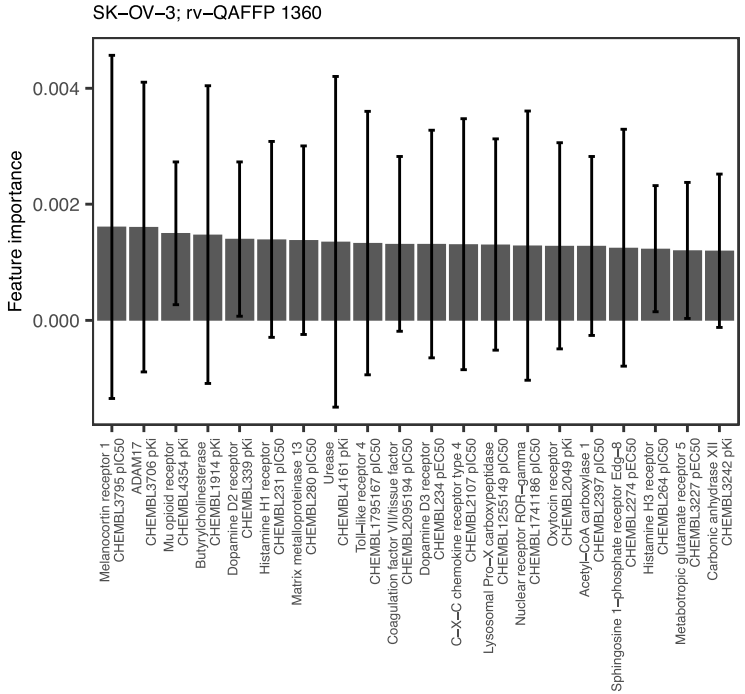
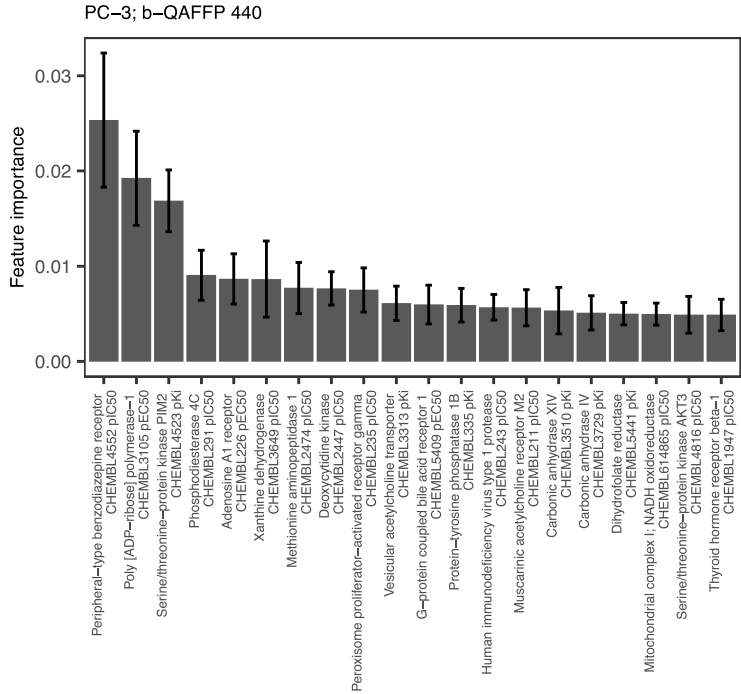
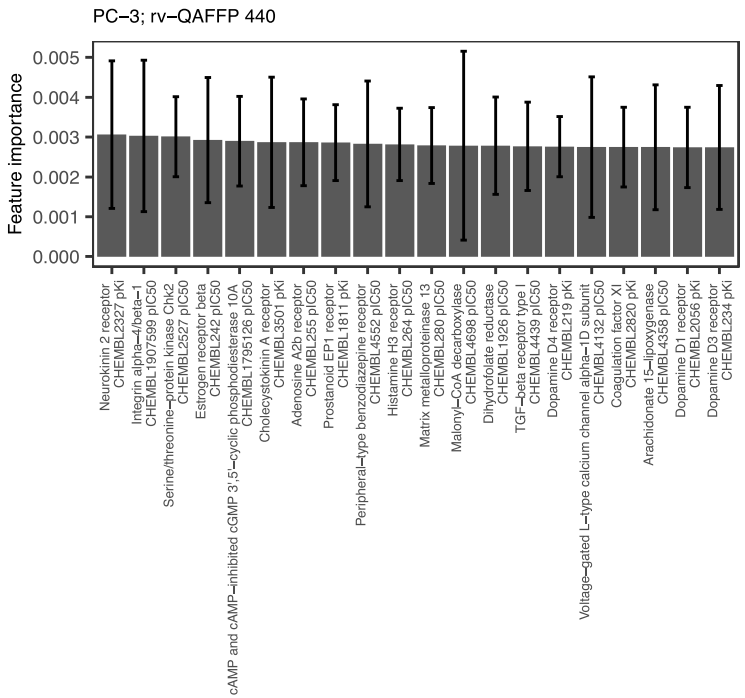
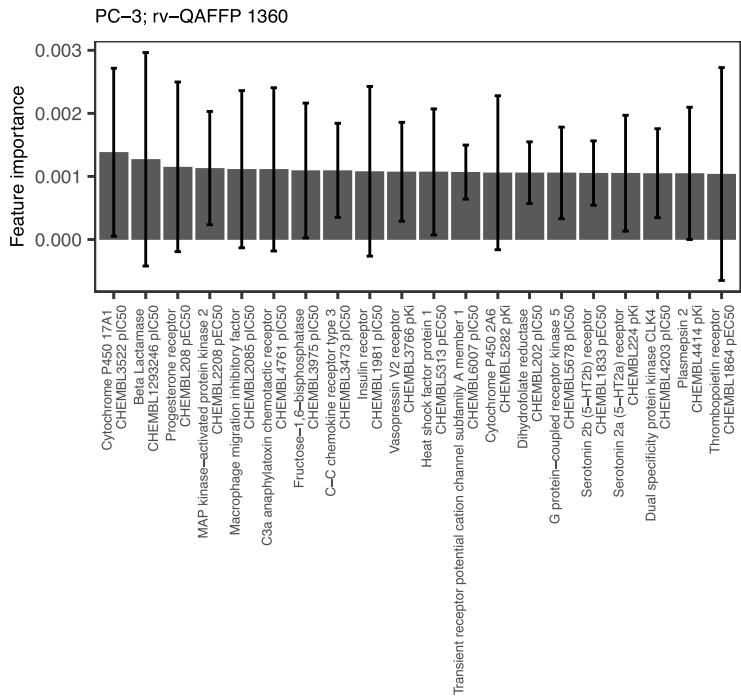


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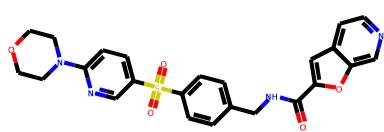


opioid; b-QAFFP 440





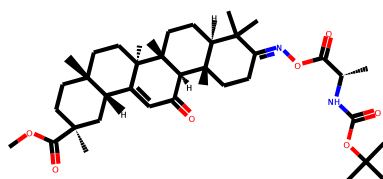
Supplementary Figure 7



CHEMBL2420625

A2780

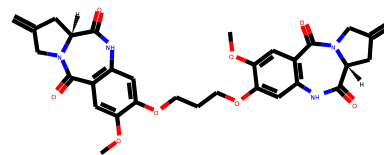
Morgan: $\mu=1.93$, $\sigma=0.29$ pIC₅₀ units
rv-QAFFP : $\mu=0.69$, $\sigma=0.16$ pIC₅₀ units



CHEMBL2151613

A2780

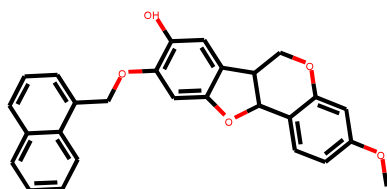
Morgan: $\mu=2.54$, $\sigma=0.29$ pIC₅₀ units
rv-QAFFP : $\mu=0.85$, $\sigma=0.13$ pIC₅₀ units



CHEMBL164587

A2780

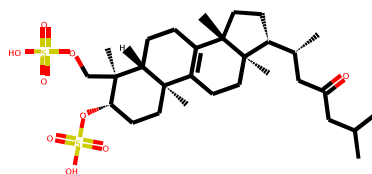
Morgan: $\mu=1.93$, $\sigma=0.59$ pIC₅₀ units
rv-QAFFP : $\mu=1.19$, $\sigma=0.43$ pIC₅₀ units



CHEMBL280404

CCRF-CEM

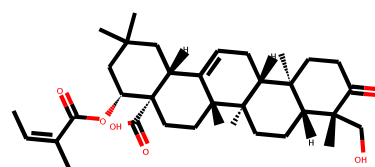
Morgan: $\mu=1.96$, $\sigma=0.26$ pIC₅₀ units
rv-QAFFP : $\mu=0.95$, $\sigma=0.14$ pIC₅₀ units



CHEMBL449476

HCT-116

Morgan: $\mu=1.87$, $\sigma=0.32$ pIC₅₀ units
rv-QAFFP : $\mu=0.97$, $\sigma=0.12$ pIC₅₀ units



CHEMBL554122

HCT-116

Morgan: $\mu=1.14$, $\sigma=1.10$ pIC₅₀ units
rv-QAFFP : $\mu=0.41$, $\sigma=0.30$ pIC₅₀ units

Supplementary Figure 8

