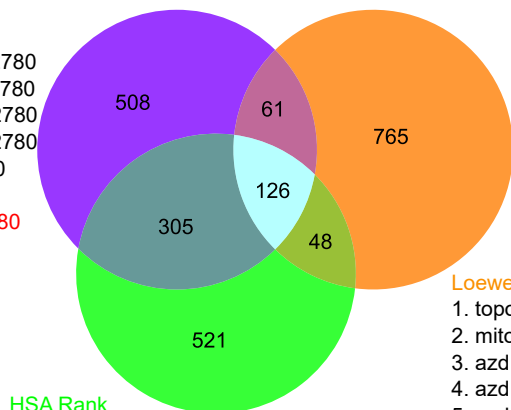


A

Overlap in 1,000 Most Synergistic Combinations
predicted by DeepSynergy trained on Bliss, Loewe, and HSA

Bliss Rank

1. mk-8669+lapatinib in A2780
2. mrk-003+mk-8776 in A2780
3. mrk-003+dasatinib in A2780
4. dasatinib+sunitinib in A2780
5. sn-38+mrk-003 in A2780
- ...
8. mk-2206+sunitinib+A2780



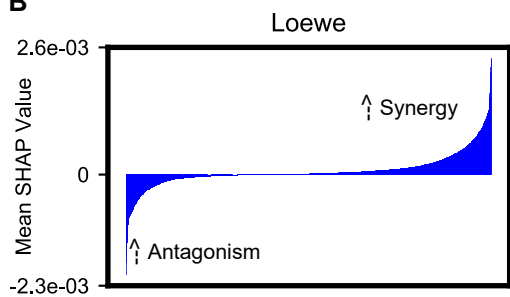
HSA Rank

1. lapatinib+sunitinib in A2780
2. mk-2206+dasatinib in A2780
3. mk-8669+sunitinib in A2780
4. mk-8669+bez-235 in A2780
5. I778123+dasatinib in A2780
6. mk-2206+sunitinib+A2780

Loewe Rank

1. topotecan+azd1775 in HT144
2. mitomycin+azd1775 in HT144
3. azd1775+topotecan in HT144
4. azd1775+sn-38 in HT144
5. carboplatin+azd1775 in HT144
- ...
263. mk-2206+sunitinib+A2780

B



C

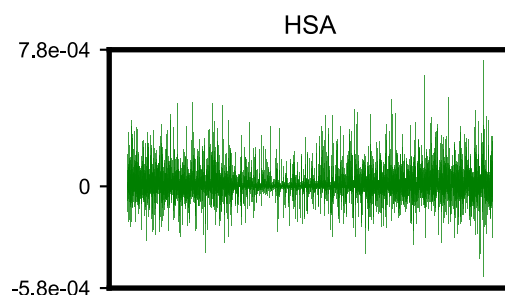
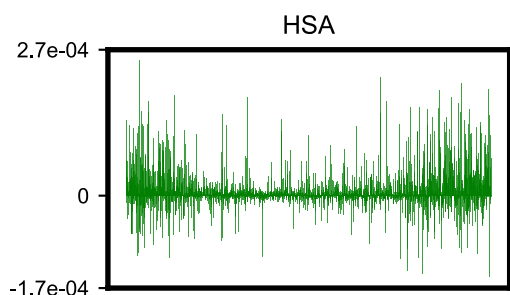
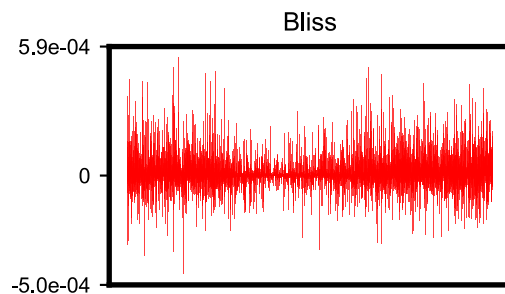
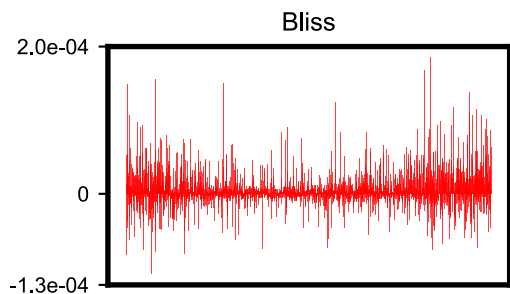
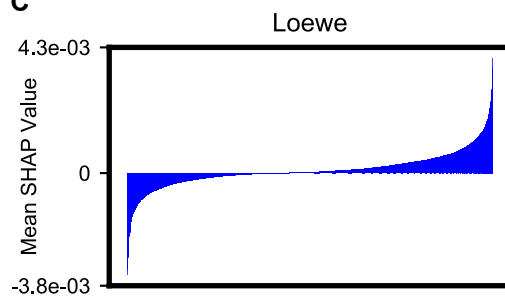


Figure 4