

H3K4me1	hProE_1	K562_1	K562_2	mProE_1	mProE_2	G1E_1	G1E_2	G1E_3	G1E_4
hProE_1	1	0.44538032	0.40720437	0.23993175	0.23690307	0.25757421	0.25362134	0.20543981	0.24222975
K562_1	0.44538032	1	0.86488142	0.34648703	0.34508533	0.3612124	0.32956468	0.325552	0.32297527
K562_2	0.40720437	0.86488142	1	0.275412	0.27548324	0.3028167	0.24011791	0.29379891	0.2464952
mProE_1	0.23993175	0.34648703	0.275412	1	0.98159754	0.68774257	0.714893	0.61645171	0.66352365
mProE_2	0.23690307	0.34508533	0.27548324	0.98159754	1	0.6878775	0.71667748	0.61762315	0.67769711
G1E_1	0.25757421	0.3612124	0.3028167	0.68774257	0.6878775	1	0.88147623	0.8476441	0.82750288
G1E_2	0.25362134	0.32956468	0.24011791	0.714893	0.71667748	0.88147623	1	0.72047177	0.8528431
G1E_3	0.20543981	0.325552	0.29379891	0.61645171	0.61762315	0.8476441	0.72047177	1	0.81583382
G1E_4	0.24222975	0.32297527	0.2464952	0.66352365	0.67769711	0.82750288	0.8528431	0.81583382	1

H3K4me2	hProE_1	K562_1	K562_2	mProE_1
hProE_1	1	0.62812231	0.62505586	0.58966148
K562_1	0.62812231	1	0.90460885	0.75327777
K562_2	0.62505586	0.90460885	1	0.66748603
mProE_1	0.58966148	0.75327777	0.66748603	1

H3K4me3	hProE_1	hProE_2	K562_1	K562_2	mProE_1	G1E_1	G1E_2	G1E_3	G1E_4
hProE_1	1	0.88517291	0.87349669	0.88157575	0.79801321	0.78375024	0.75347635	0.77069668	0.77562164
hProE_2	0.88517291	1	0.79873598	0.80693663	0.79581235	0.76557693	0.76296142	0.77050473	0.76908548
K562_1	0.87349669	0.79873598	1	0.98214396	0.76175205	0.74661901	0.70422534	0.71994355	0.72823252
K562_2	0.88157575	0.80693663	0.98214396	1	0.7722681	0.75531373	0.71740366	0.73056185	0.74034591
mProE_1	0.79801321	0.79581235	0.76175205	0.7722681	1	0.91835676	0.9107748	0.9179498	0.91929749
G1E_1	0.78375024	0.76557693	0.74661901	0.75531373	0.91835676	1	0.94619169	0.97955154	0.96404341
G1E_2	0.75347635	0.76296142	0.70422534	0.71740366	0.9107748	0.94619169	1	0.95459533	0.97301623
G1E_3	0.77069668	0.77050473	0.71994355	0.73056185	0.9179498	0.97955154	0.95459533	1	0.97973358
G1E_4	0.77562164	0.76908548	0.72823252	0.74034591	0.91929749	0.96404341	0.97301623	0.97973358	1

H3K9ac	hProE_1	K562_1	K562_2	mProE_1
hProE_1	1	0.85835736	0.78312696	0.74960017
K562_1	0.85835736	1	0.93651642	0.72780375
K562_2	0.78312696	0.93651642	1	0.67336663
mProE_1	0.74960017	0.72780375	0.67336663	1

H3K27me3	hProE_1	hProE_2	K562_1	K562_2	mProE_1	G1E_1	G1E_2	G1E_3	G1E_4
hProE_1	1	0.93217832	0.46601432	0.41414412	0.65833608	0.22978987	0.26543957	0.4050342	0.26858767
hProE_2	0.93217832	1	0.44367328	0.43333257	0.68602864	0.24241656	0.29121533	0.44244692	0.2954955
K562_1	0.46601432	0.44367328	1	0.68822483	0.29110313	0.29251776	0.30097259	0.26532314	0.27318735
K562_2	0.41414412	0.43333257	0.68822483	1	0.29224406	0.26455464	0.29544629	0.28437543	0.26970712
mProE_1	0.65833608	0.68602864	0.29110313	0.29224406	1	0.30244662	0.35508981	0.58333289	0.37673526
G1E_1	0.22978987	0.24241656	0.29251776	0.26455464	0.30244662	1	0.90969619	0.70118918	0.82464884
G1E_2	0.26543957	0.29121533	0.30097259	0.29544629	0.35508981	0.90969619	1	0.7870802	0.87009417
G1E_3	0.4050342	0.44244692	0.26532314	0.28437543	0.58333289	0.70118918	0.7870802	1	0.86166076
G1E_4	0.26858767	0.2954955	0.27318735	0.26970712	0.37673526	0.82464884	0.87009417	0.86166076	1

H3K36me3	hProE_1	K562_1	K562_2	mProE_1	G1E_1	G1E_2	G1E_3	G1E_4
hProE_1	1	0.27701569	0.29362228	0.19971101	0.21122358	0.19543912	0.21187062	0.19145014
K562_1	0.27701569	1	0.7683953	0.19829812	0.21186443	0.20081486	0.2181758	0.19241206
K562_2	0.29362228	0.7683953	1	0.18958665	0.20590441	0.18634527	0.20996608	0.17449626
mProE_1	0.19971101	0.19829812	0.18958665	1	0.67431202	0.65316545	0.78818393	0.73931716
G1E_1	0.21122358	0.21186443	0.20590441	0.67431202	1	0.95478493	0.90579486	0.88411235
G1E_2	0.19543912	0.20081486	0.18634527	0.65316545	0.95478493	1	0.88630176	0.88806314
G1E_3	0.21187062	0.2181758	0.20996608	0.78818393	0.90579486	0.88630176	1	0.9488205
G1E_4	0.19145014	0.19241206	0.17449626	0.73931716	0.88411235	0.88806314	0.9488205	1