

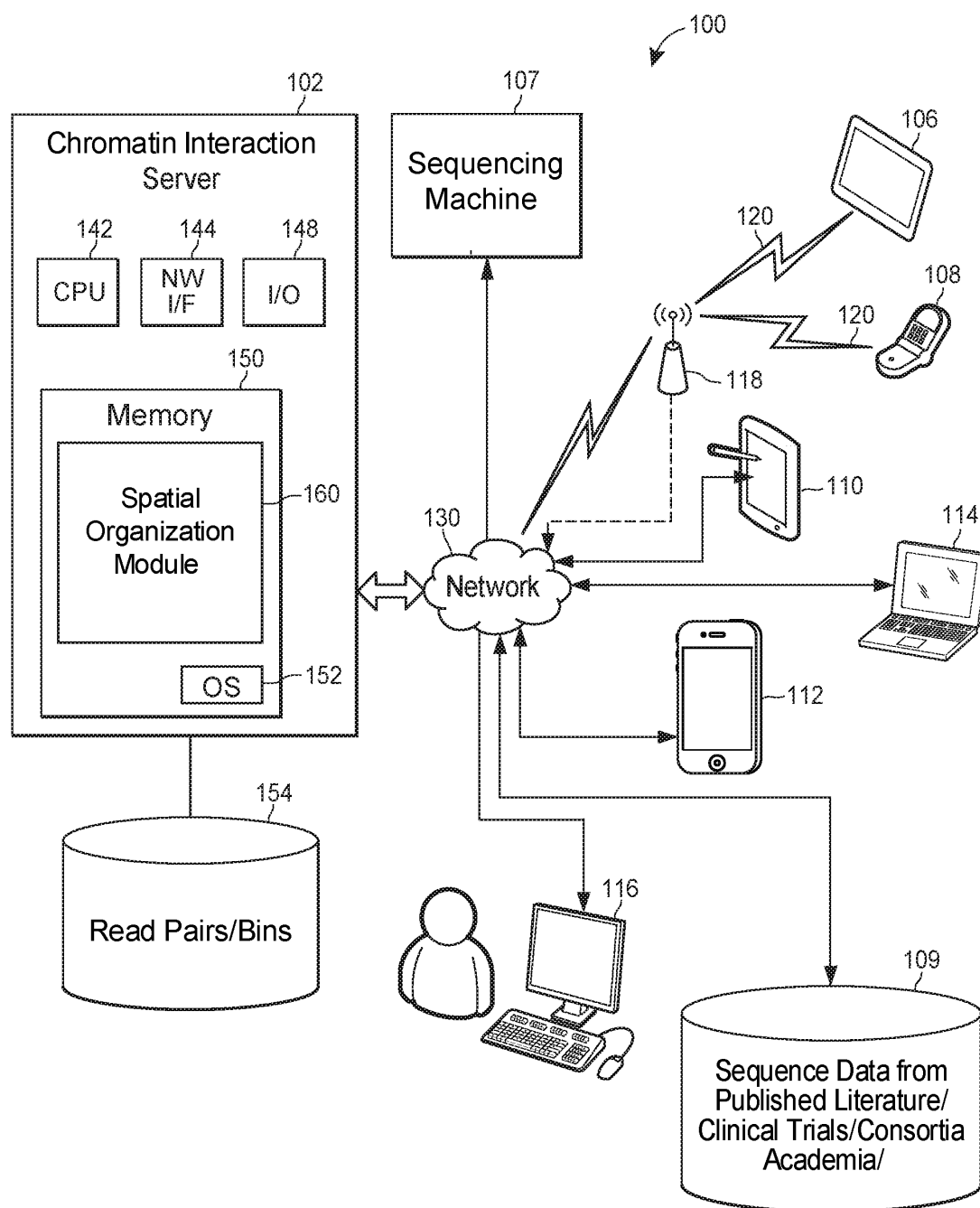


FIG. 1A

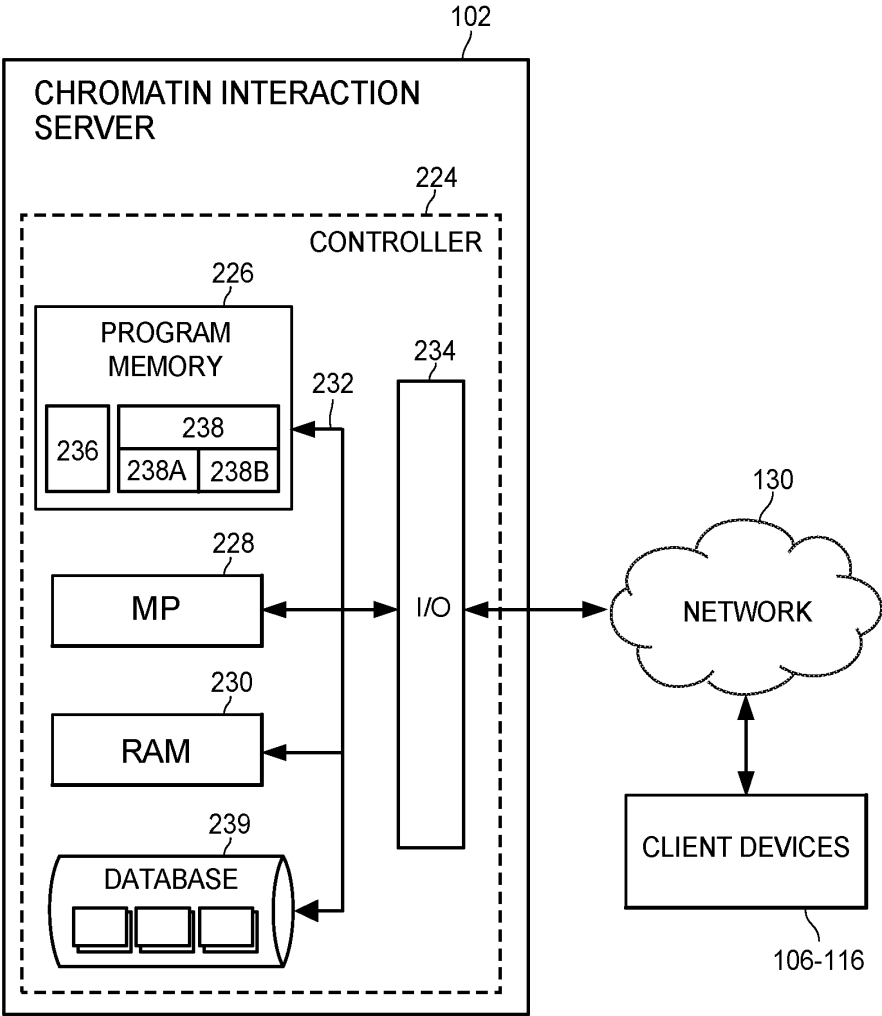


FIG. 1B

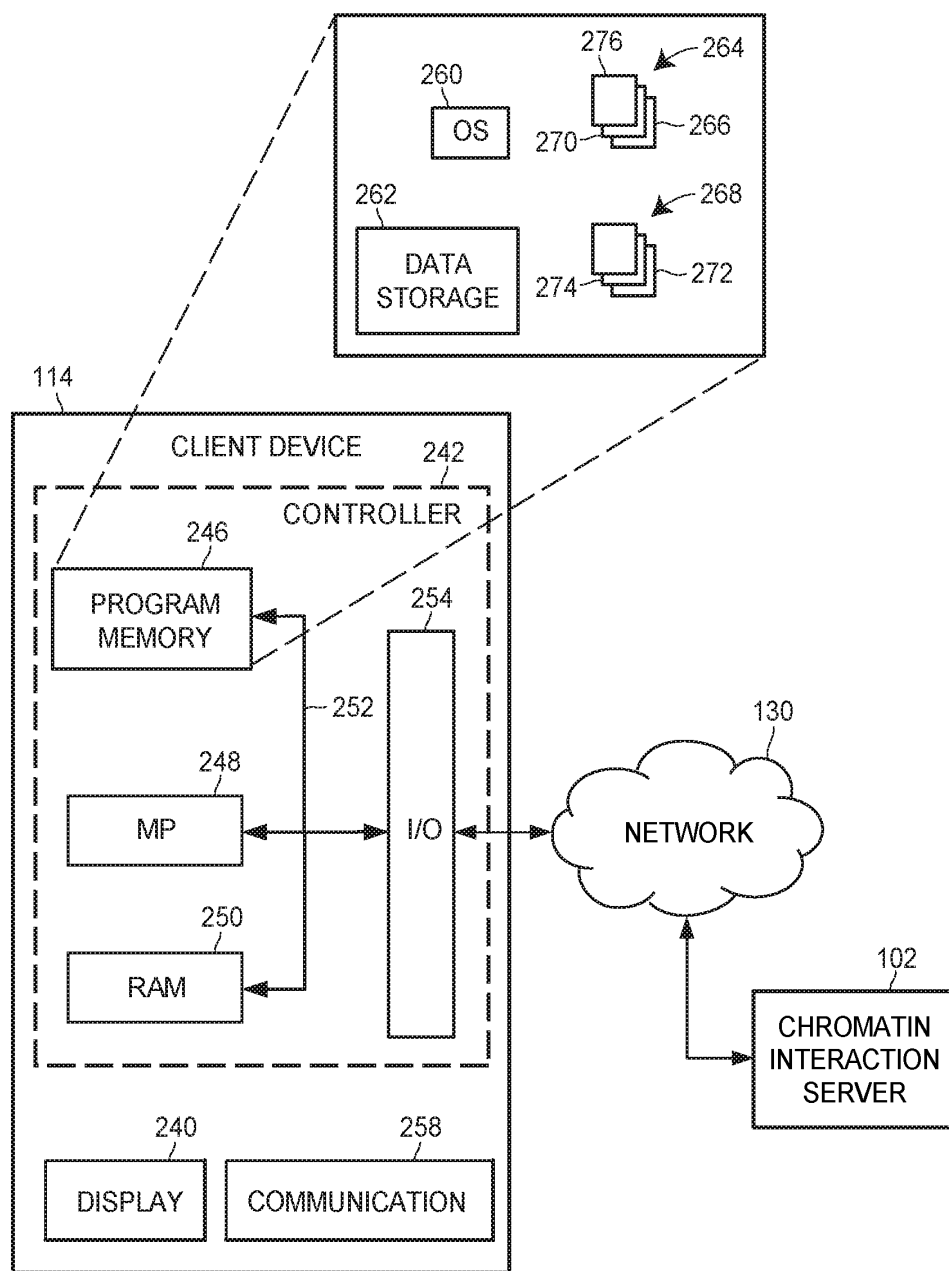


FIG. 1C

200

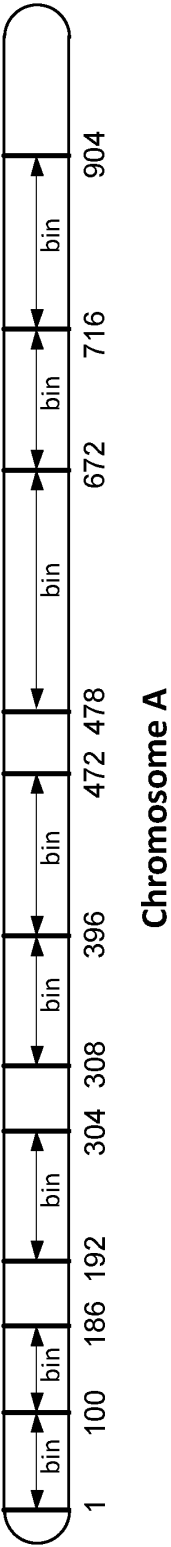


FIG. 2

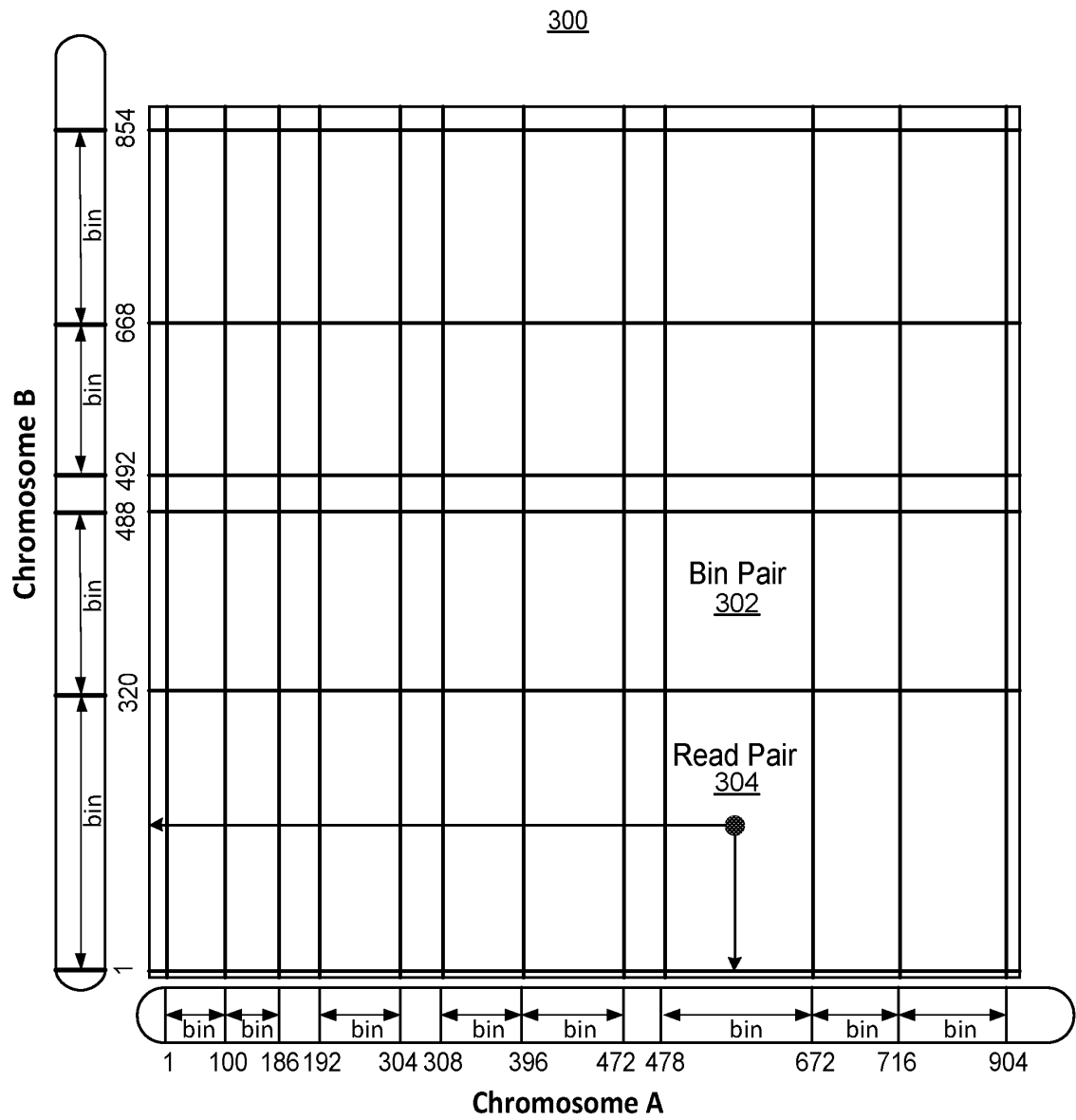


FIG. 3

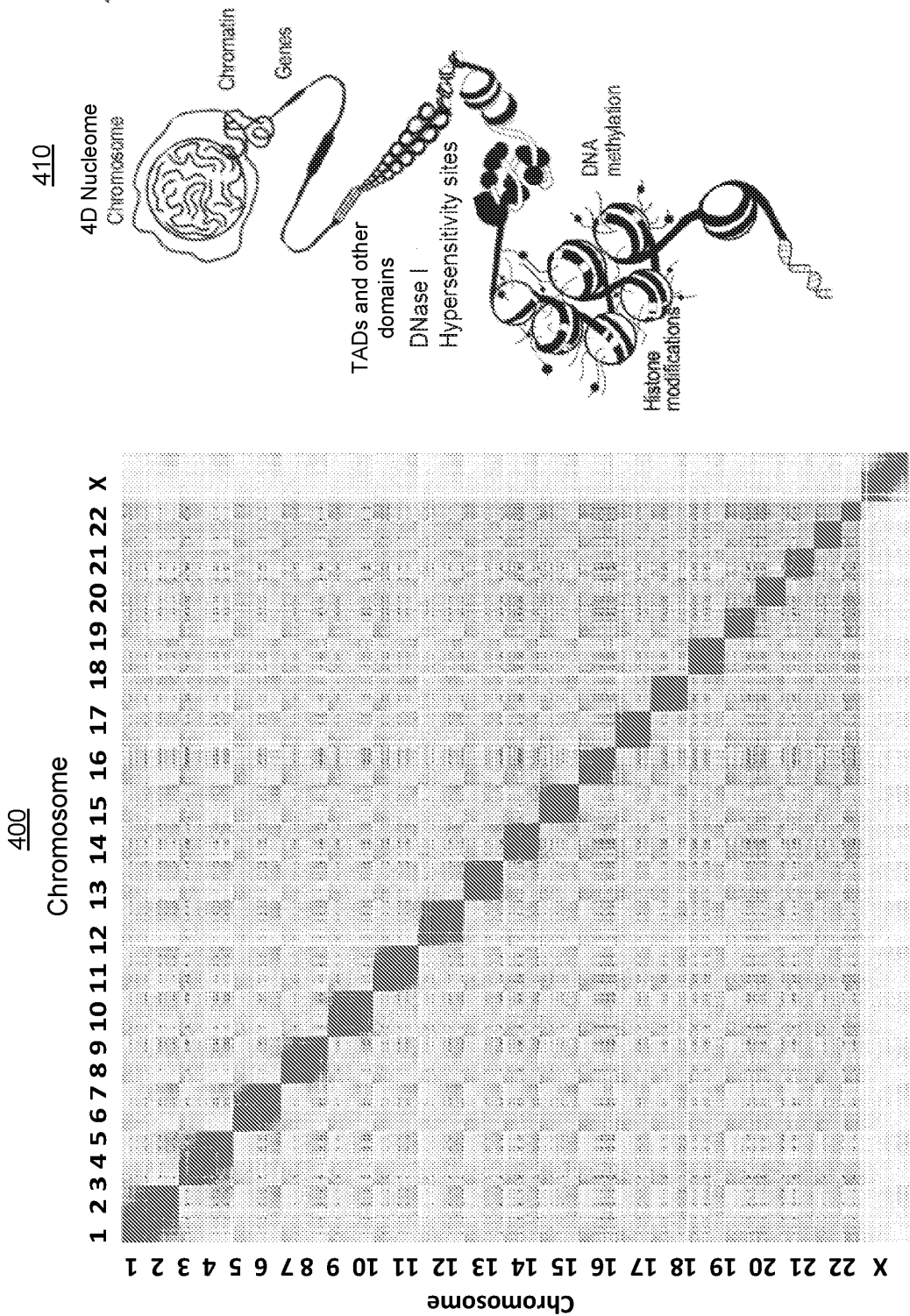


FIG. 4

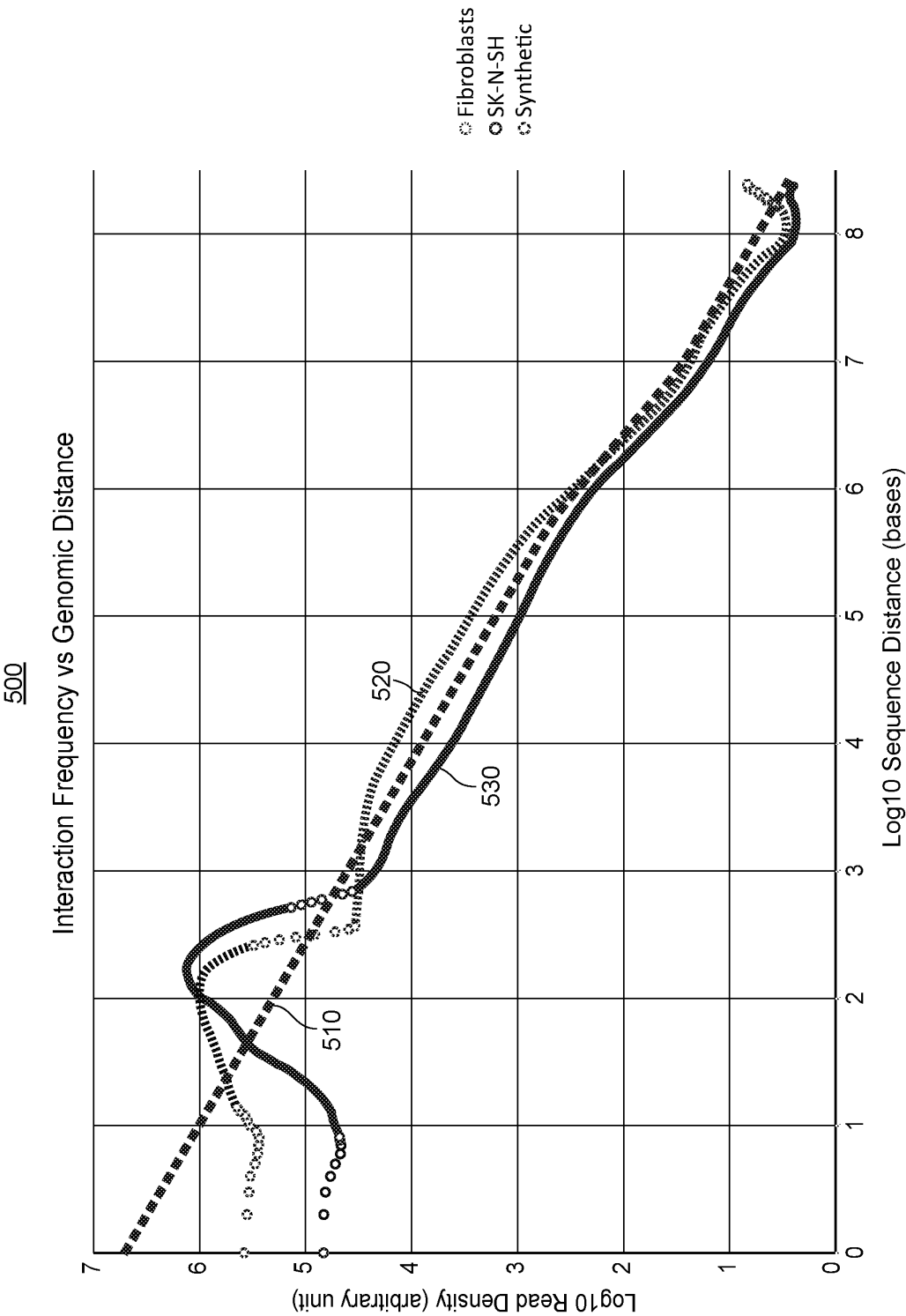


FIG. 5

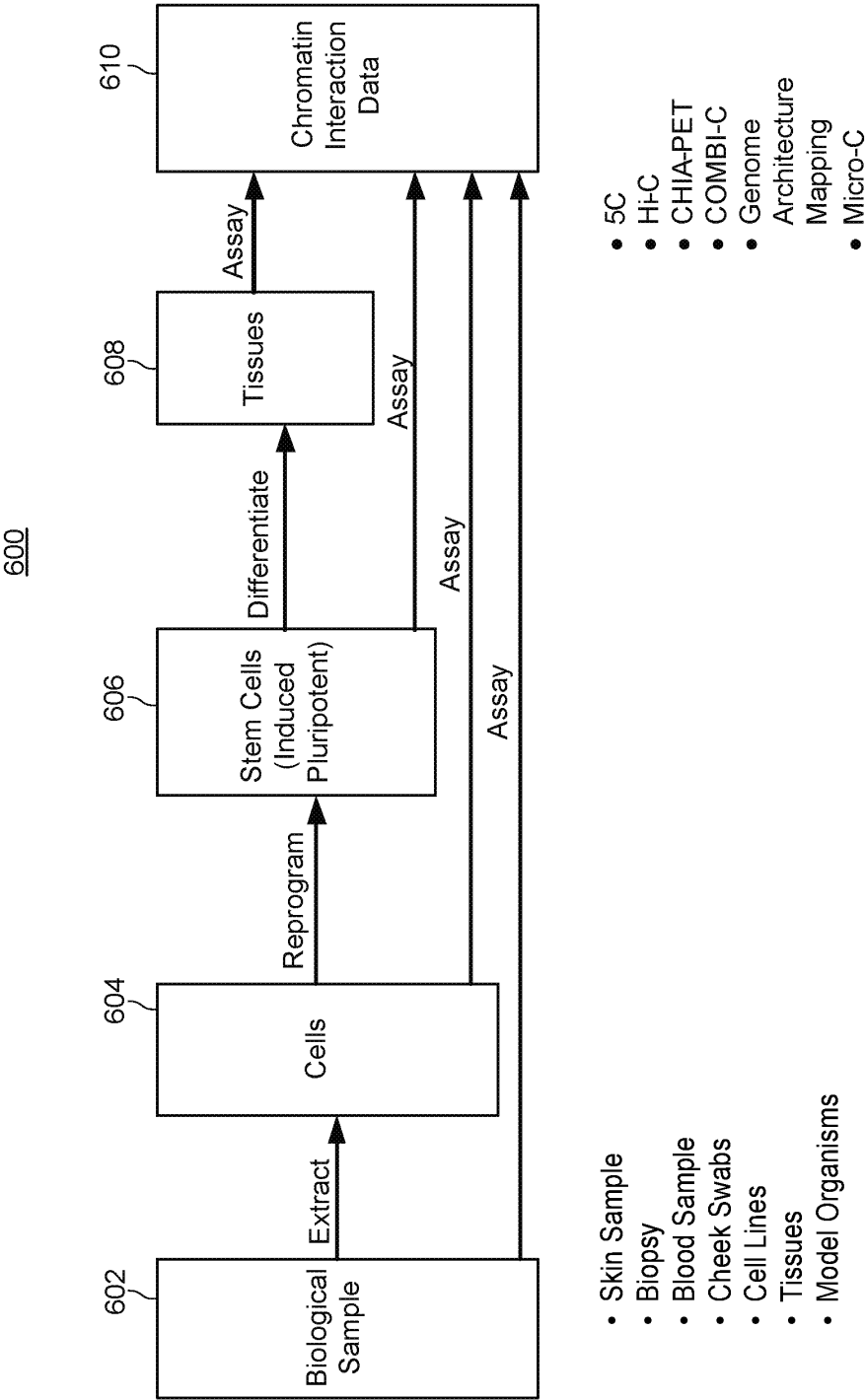


FIG. 6

700

rsID	Drug	Chr	Begin	End	TAD Num	Contacts	Gene	Candidate Contacts
rs2857654	Valproate	chr17	33720000	35360000	1977	47	CCL2	1
rs2269577	Valproate	chr22	28040000	29080000	2245	134	XPB1	2
rs3764028	Both	chr12	13320000	14720000	1567	3	GRIN2B	0
rs7980427	Ketamine	chr12	108800000	109360000	1636	46	DAO	2
rs1543927	Ketamine	chr15	74040000	75000000	1832	218	PPCDC	3
rs7184748	Ketamine	chr16	9160000	10920000	1862	48	GRIN2A	0
rs11083595	Ketamine	chr19	38400000	40920000	2112	682	CYP2B6	9
rs28439297	Ketamine	chr22	41920000	43480000	2258	609	CYP2D6	8
rs3822158	Ketamine	chr4	157080000	159360000	693	5	GLRB	0
rs17161937	Ketamine	chr7	98880000	100320000	1063	388	CYP3A43	4
rs34547970	Ketamine	chr9	136840000	137800000	1343	172	GRIN1	4
rs12248560, rs77957608, rs61886222	Ketamine	chr10	94240000	95440000	1418	206	CYP2C9, CYP2C19	5
rs71311904	Ketamine	chr11	27480000	29360000	1472	73	BDNF	2

FIG. 7A

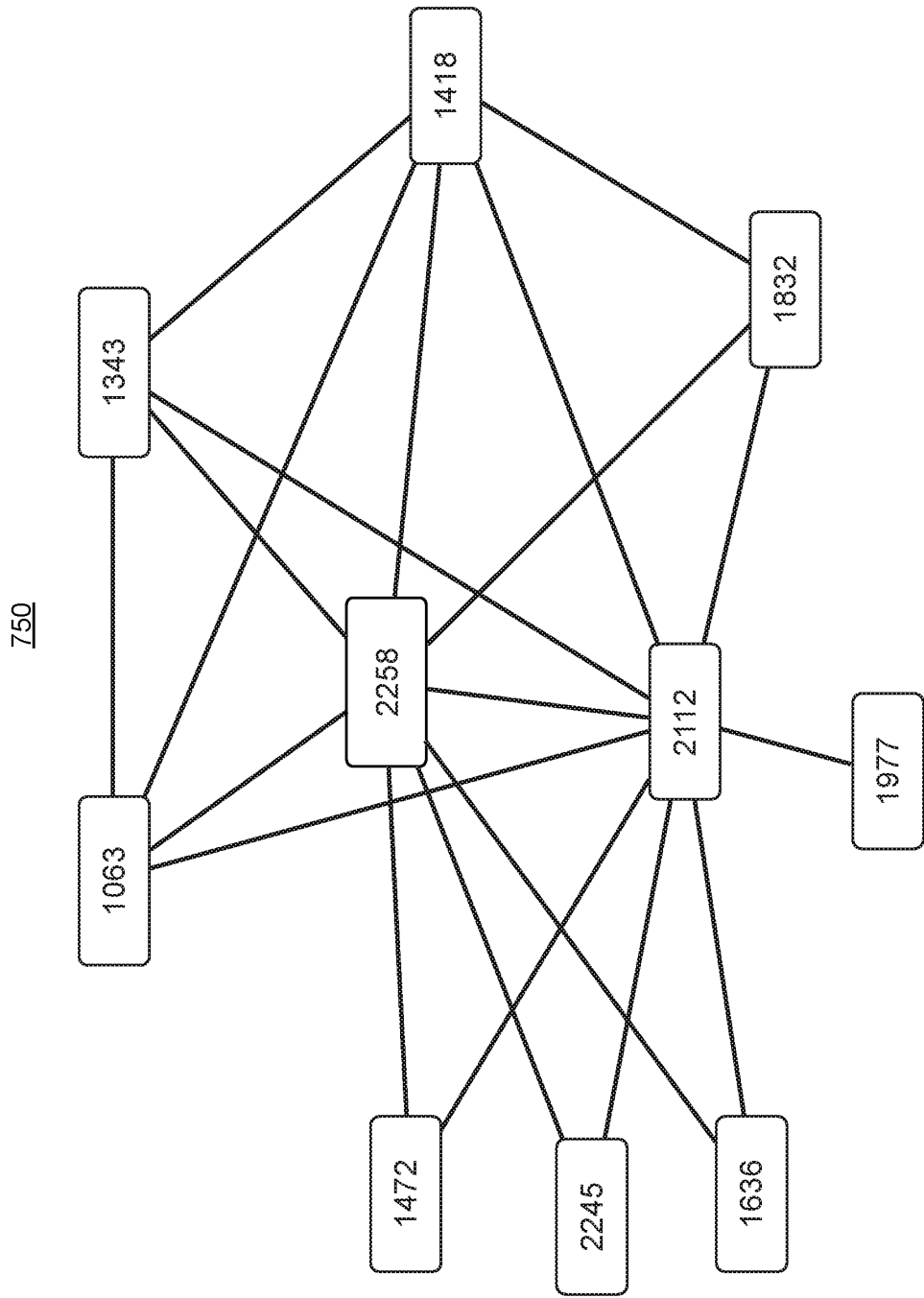


FIG. 7B

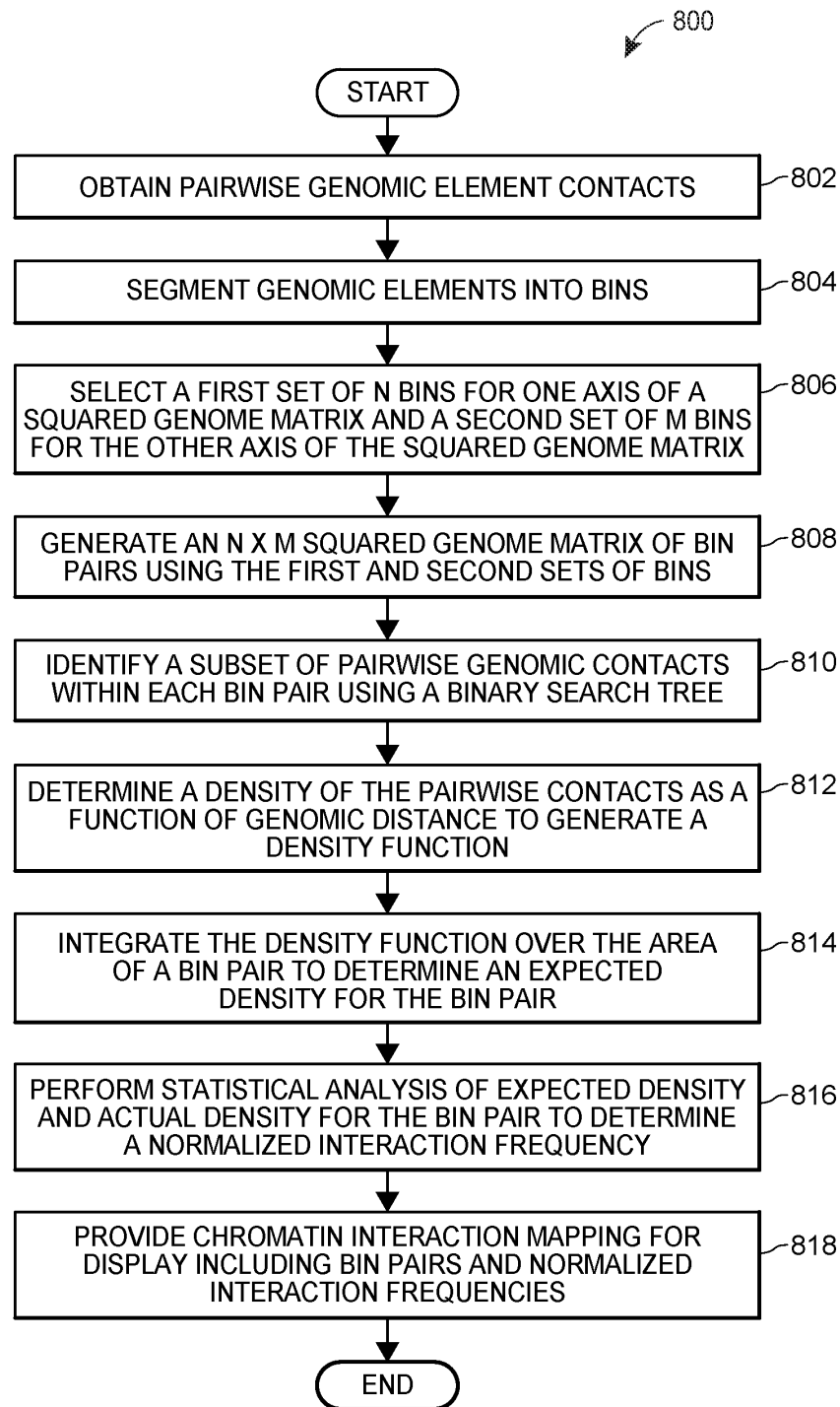


FIG. 8

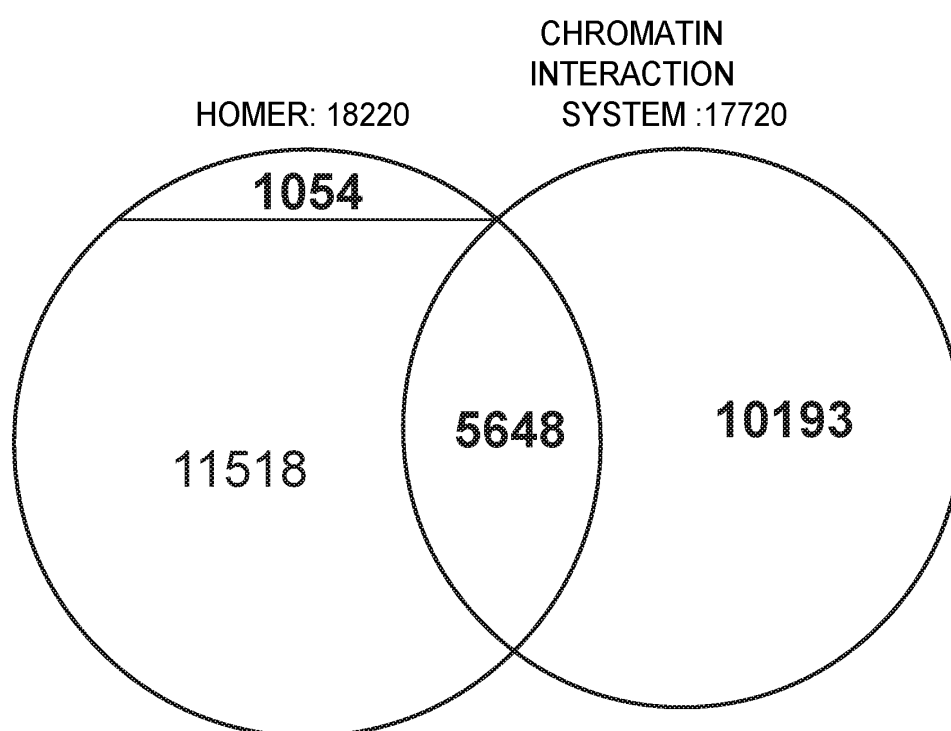


FIG. 9