

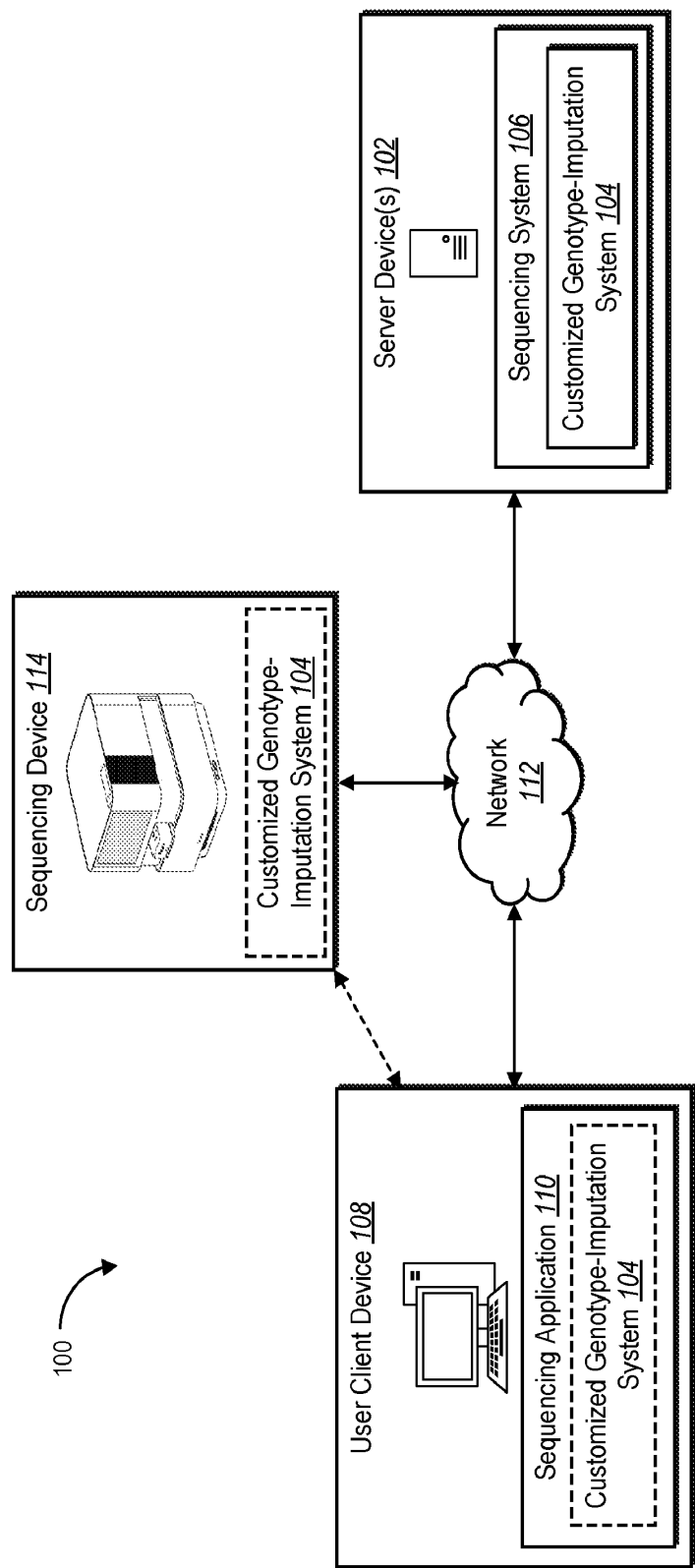


Fig. 1

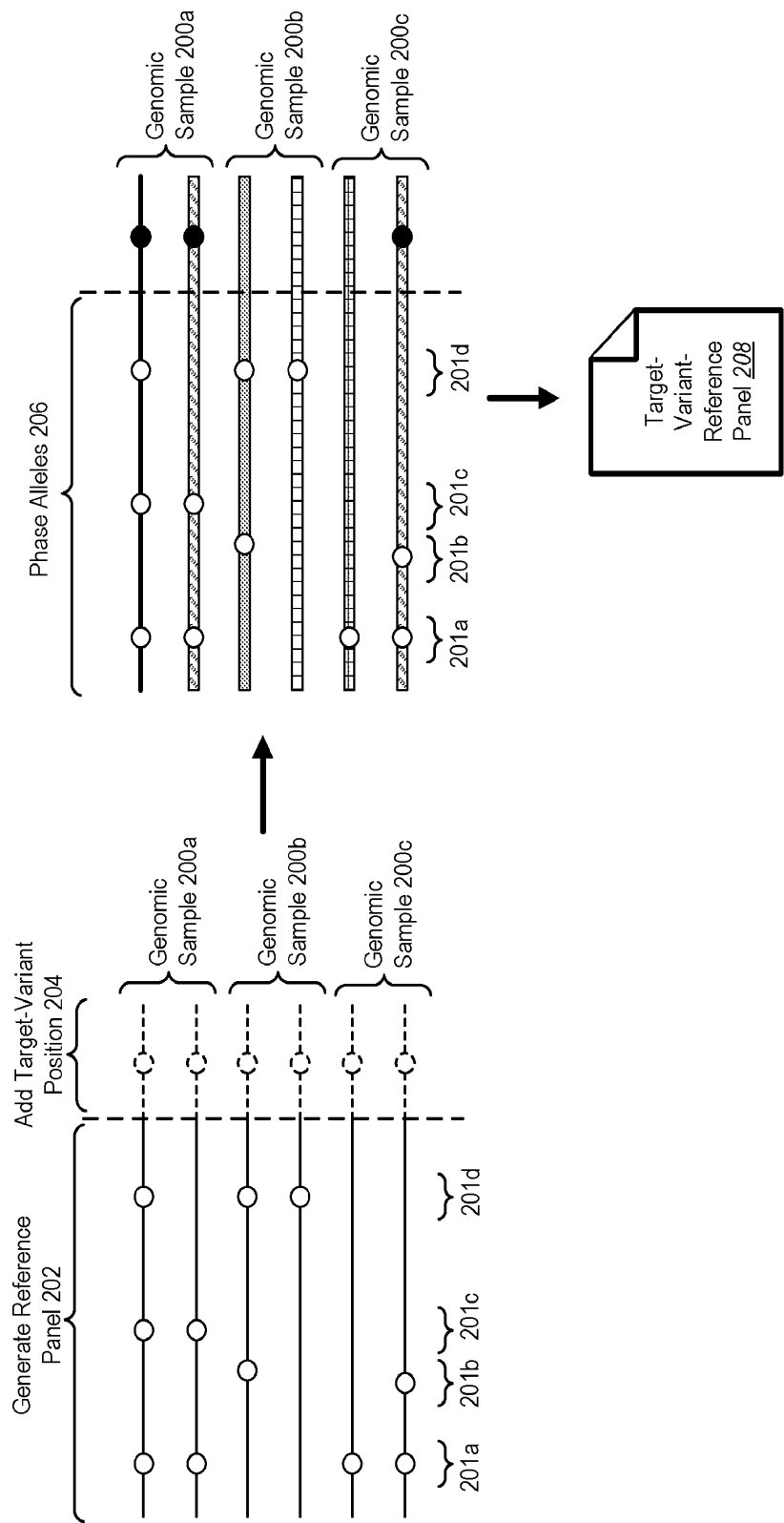


Fig. 2A

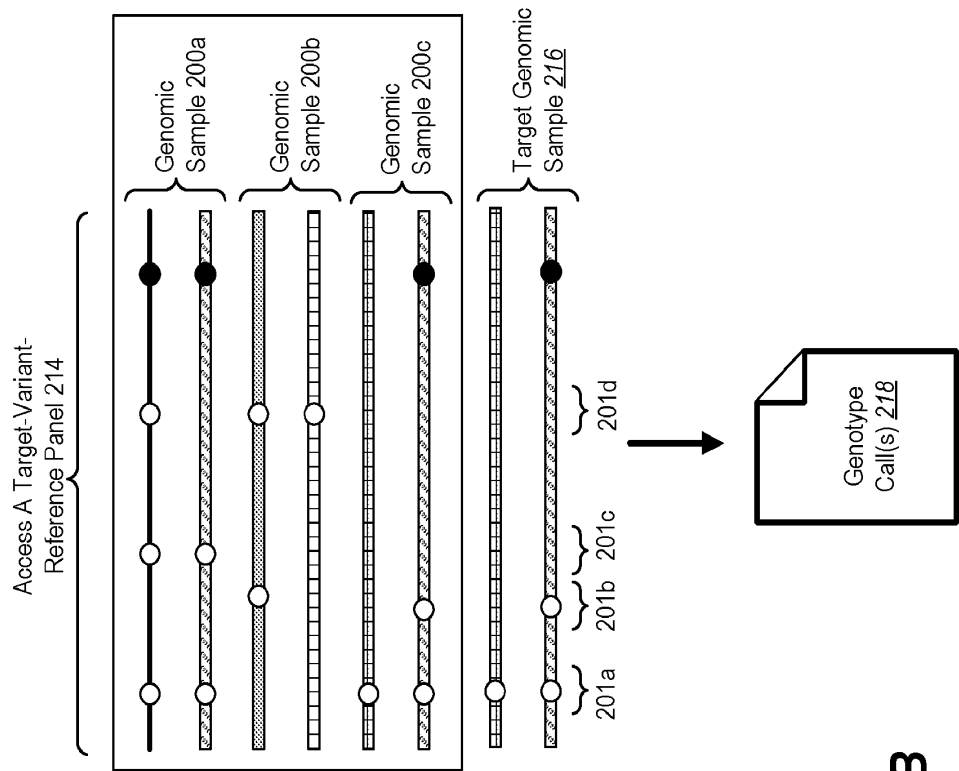


Fig. 2B

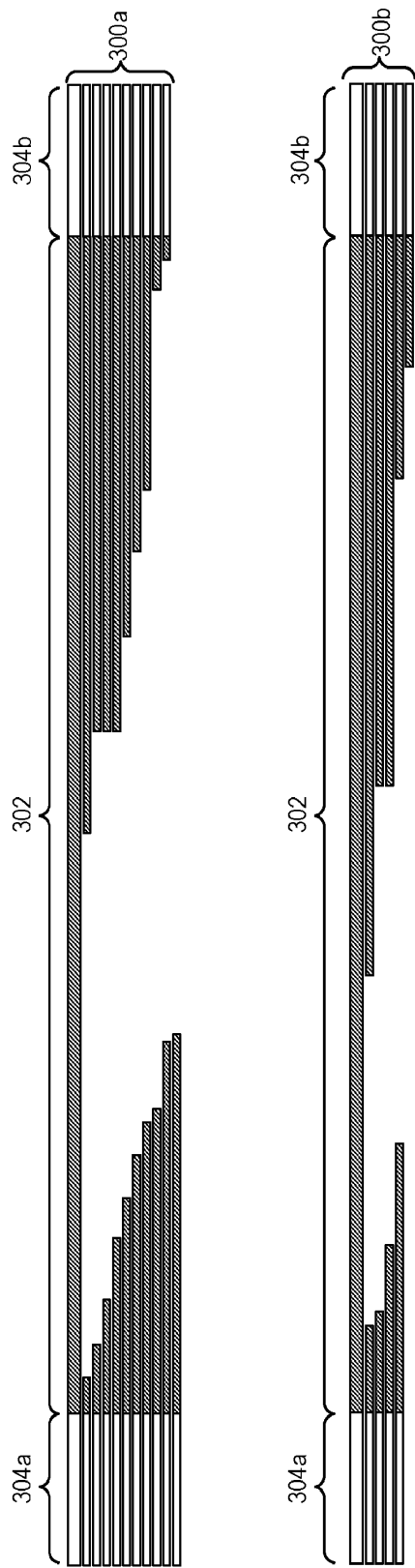


Fig. 3

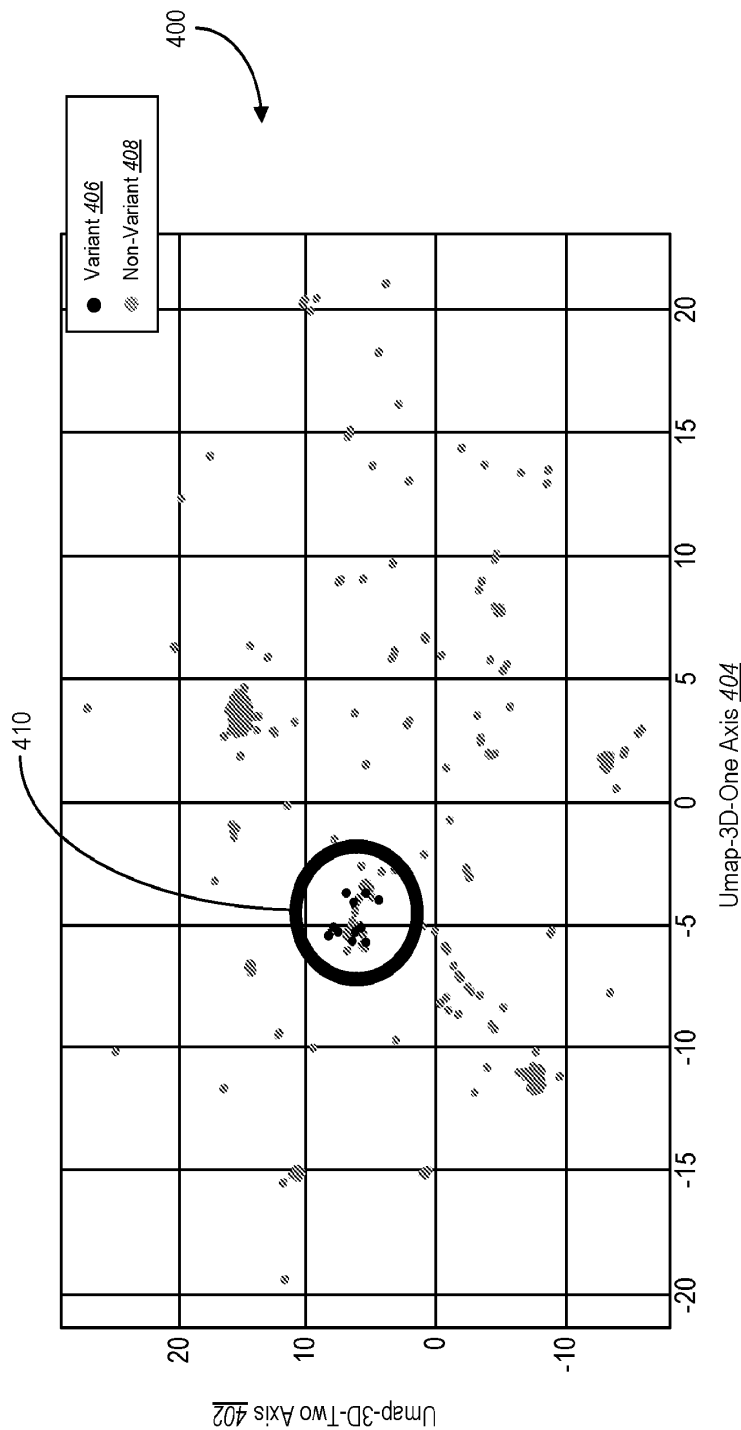
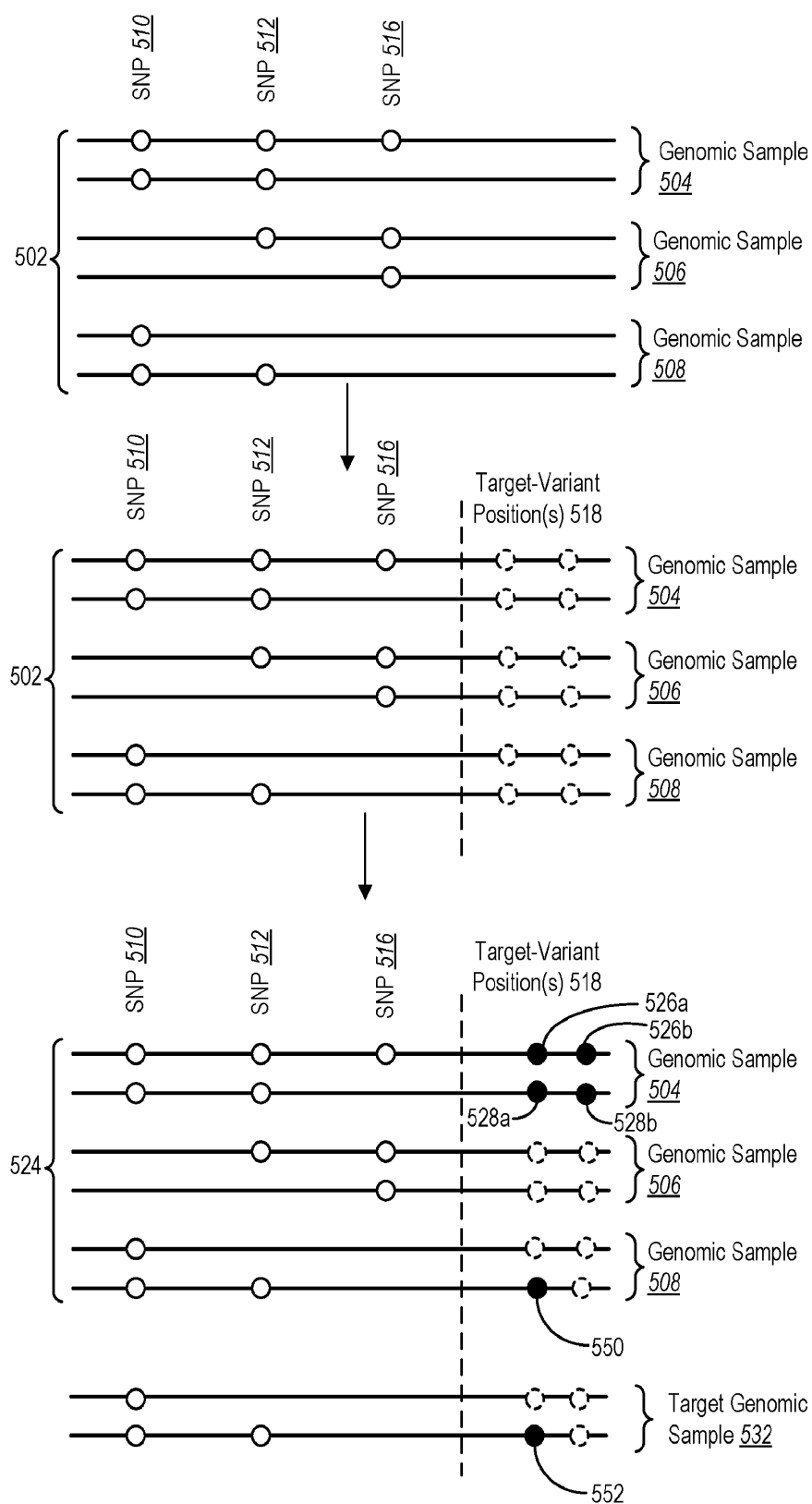


Fig. 4

**Fig. 5**

600

#CHROM 602	POS 604	ID 605	REF 606	ALT 608	Format 610	HG00096	HG00097	HG00099	HG00100	HG00101
chr4	39348321	.	G	A	GT	110	011	110	011	011
chr4	39348322	.	C	G	GT	010	010	010	010	010
chr4	39348336	.	T	C	GT	010	010	010	010	010
chr4	39348362	.	G	A	GT	010	010	010	010	010
chr4	39348370	.	C	T	GT	010	010	010	010	010
chr4	39348377	.	T	A	GT	010	010	010	010	010
chr4	39348379	.	C	T	GT	010	010	010	010	010
chr4	39348391	.	C	G	GT	010	010	010	010	011
chr4	39348404	.	C	T	GT	010	010	010	010	010
chr4	39348414	.	C	G	GT	010	010	010	010	010
chr4	39348417	.	T	G	GT	010	010	010	010	010
chr4	39348423	.	A	G	GT	010	010	010	010	010
chr4	39348424	.	A	G	GT	010	010	010	010	010
chr4	39348425	RFC1_RE	T	G	GT	111	010	011	010	010
chr4	39348427	.	A	C	GT	010	010	010	010	010
chr4	39348427	.	A	G	GT	010	010	010	010	010
chr4	39348428	.	A	G	GT	010	010	010	010	010
chr4	39348429	.	G	C	GT	010	010	010	010	010

601

Fig. 6

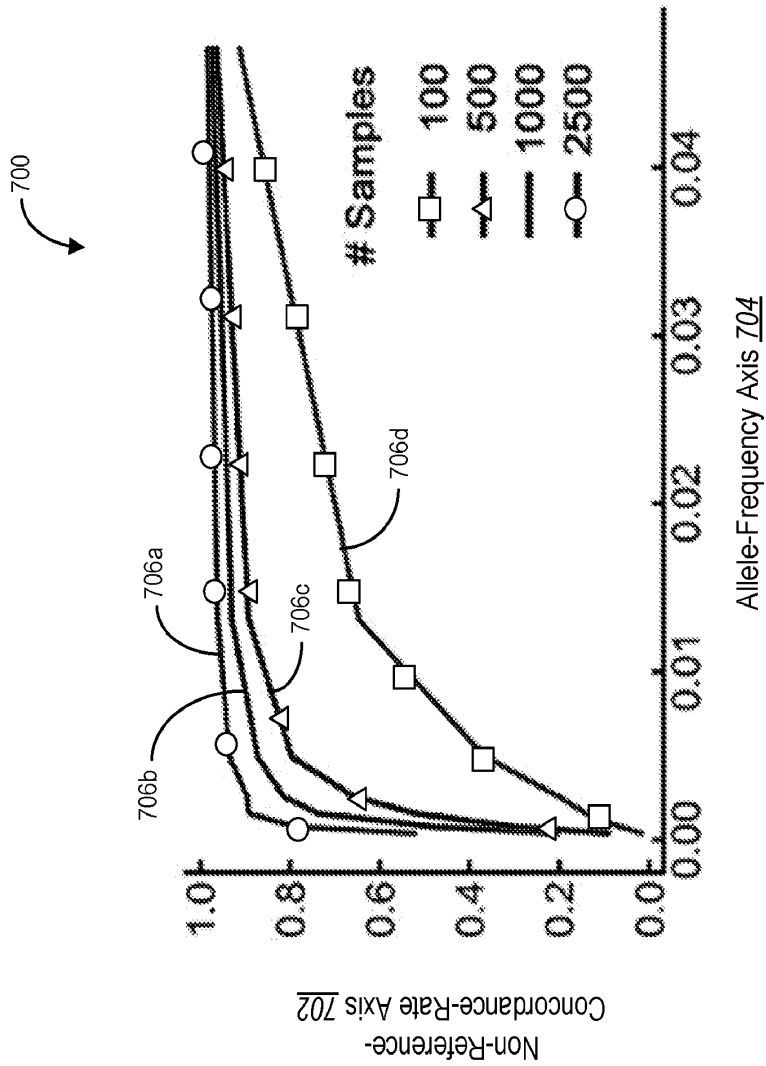


Fig. 7

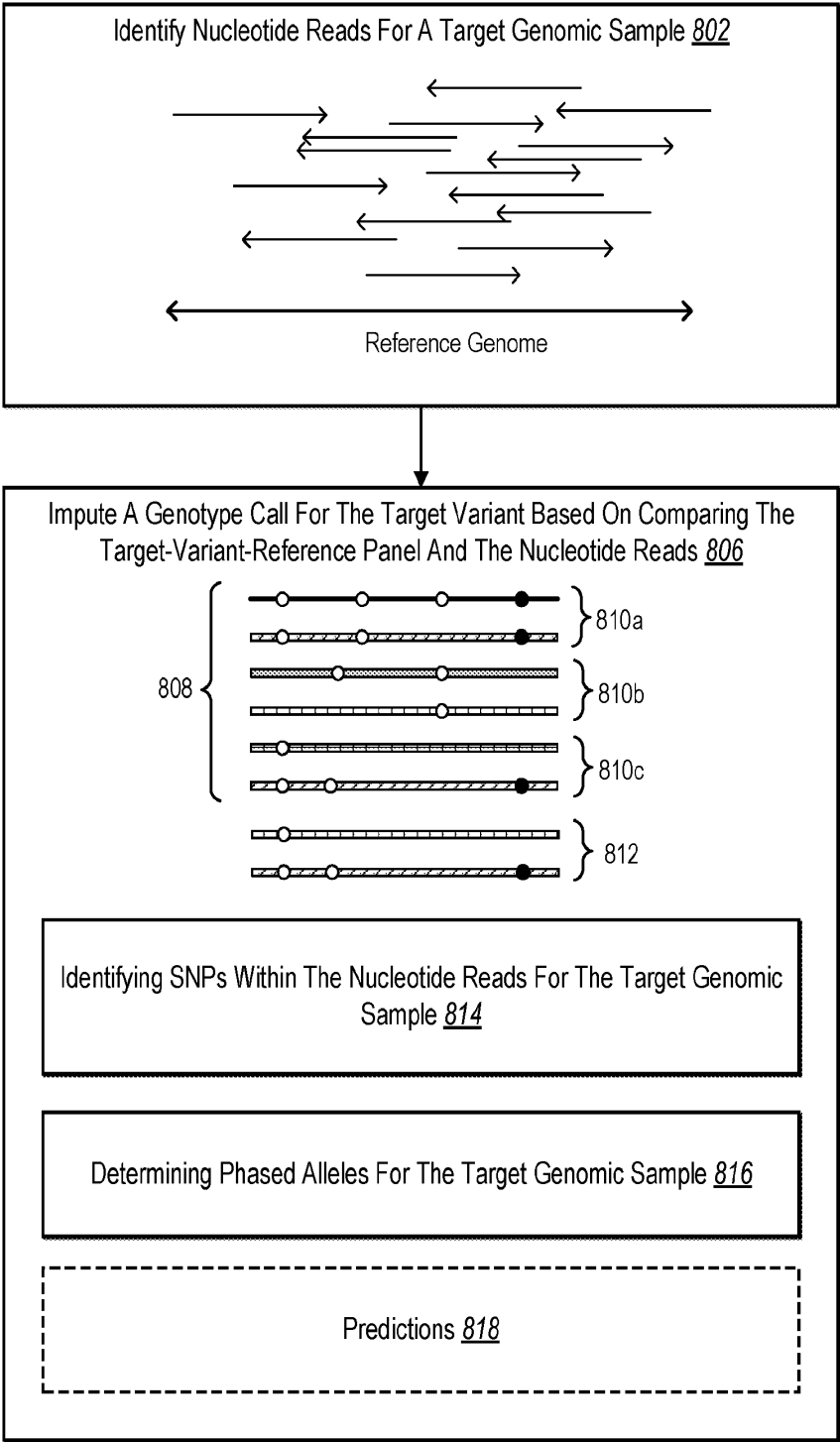


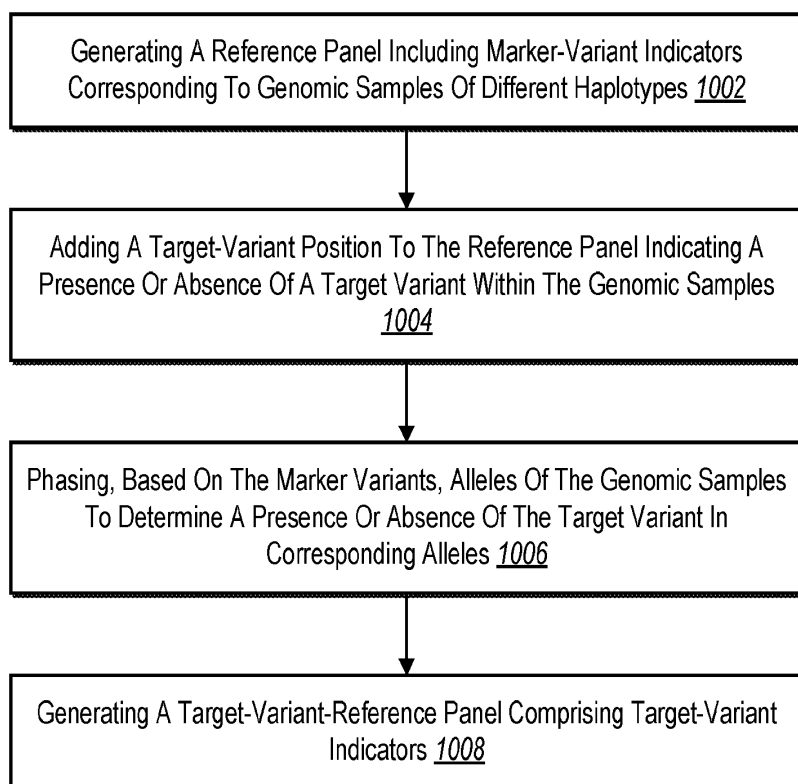
Fig. 8

900

901

Target Variant <u>902</u>	Gene <u>904</u>	Carrier Frequency <u>906</u>
chr4: 39, 297, 456-39... Predicted: Case	RFC1	0.7% - 4%
chr22: 42, 126, 499-42... Predicted: Carrier	CYP2D6	~5%

Fig. 9

1000
**Fig. 10**

1100

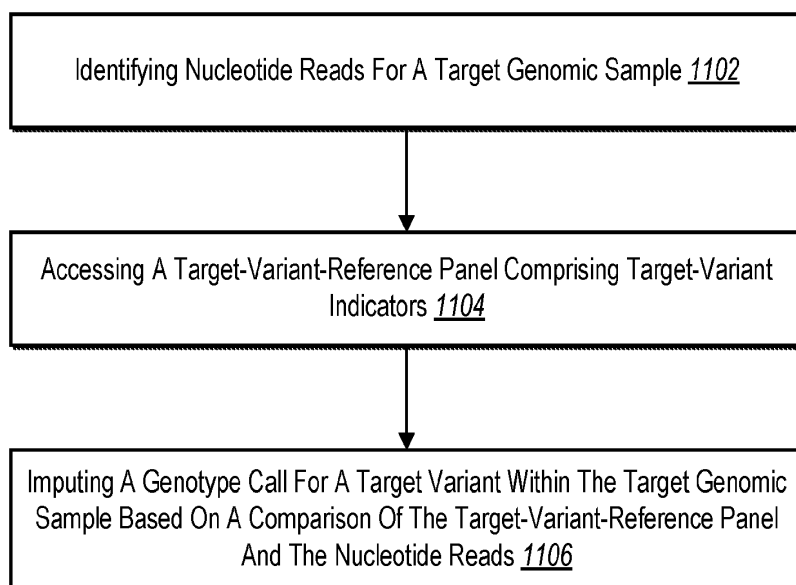


Fig. 11

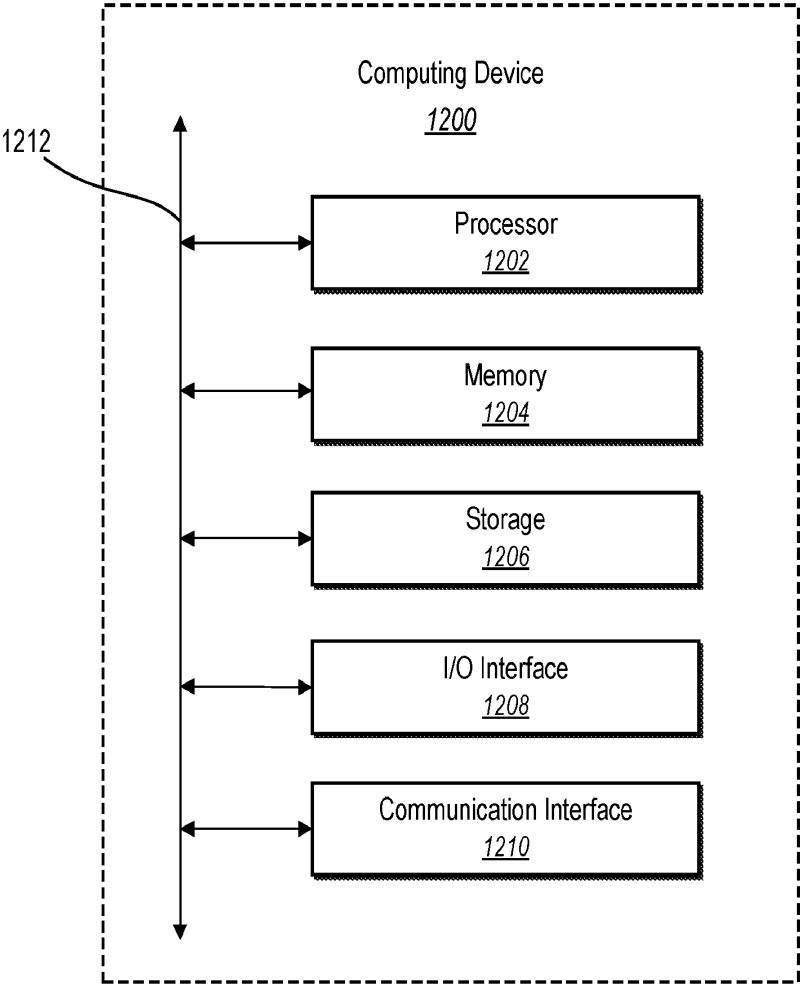


Fig. 12