

**Supplemental Table 2.** Linkage analyses between candidate constituent genetic variants for vitamin D prediction, in the HKU-TRS derivation cohort ( $n = 3,922$ )

$R^2$	<i>rs2060793</i>	<i>rs1993116</i>	<i>rs2282679</i>	<i>rs4588</i>	<i>rs1155563</i>	<i>rs7041</i>
<i>rs2060793</i>	—	0.99	0	0	0	0
<i>rs1993116</i>	0.99	—	0	0	0	0
<i>rs2282679</i>	0	0	—	0.97	0.44	0.16
<i>rs4588</i>	0	0	0.97	—	0.45	0.17
<i>rs1155563</i>	0	0	0.44	0.45	—	0.03
<i>rs7041</i>	0	0	0.16	0.17	0.03	—