

**Supplementary Table S8.** A summary of genes overlapped by  $\pi$ ,  $F_{st}$  and XP-EHH methods in common regions.

<b>Chromosome</b>	<b>Position start site(bp)</b>	<b>Position end site (bp)</b>	<b>Gene</b>
1	87250001	87275000	<i>PEX5L</i>
2	22797327	22850000	<i>SP3</i>
5	58854800	58855759	<i>OR6C1N</i>
7	12550001	12575856	<i>NFIX</i>
7	43404172	43407636	<i>PRTN3</i>
7	43411277	43414454	<i>ELANE</i>
7	43416200	43418803	<i>CFD</i>
7	43418785	43436614	<i>MED16</i>
7	43436675	43436781	<i>U6</i>
7	43439368	43449545	<i>R3HDM4</i>
7	43656058	43670433	<i>STK11</i>
7	43673071	43679019	<i>CBARP</i>
7	43683704	43685876	<i>ATP5F1D</i>
7	43688529	43698292	<i>MIDN</i>
7	43707339	43712131	<i>CIRBP</i>
7	43713177	43716027	<i>FAM174C</i>
7	43722703	43725000	<i>EFNA2</i>
7	43800001	43804425	<i>PWWP3A</i>
7	43805788	43814284	<i>NDUFS7</i>
7	43814700	43817778	<i>GAMT</i>
7	43824822	43843948	<i>DAZAPI</i>
7	43846494	43848179	<i>RPS15</i>
7	43947454	43950000	<i>MEX3D</i>
7	43976251	43979203	<i>UQCR11</i>
7	43981884	44015020	<i>TCF3</i>
7	44175001	44182700	<i>KLF16</i>
7	44190928	44199228	<i>ABHD17A</i>
8	39351712	39362934	<i>INSL6</i>
8	39381277	39400000	<i>JAK2</i>
8	79000001	79025000	<i>AGTPBP1</i>
8	79250001	79255810	<i>NAA35</i>
8	79263894	79275000	<i>GOLM1</i>
9	42650001	42675000	<i>PDSS2</i>
14	14950001	14975000	<i>NSMCE2</i>
14	23330541	23375000	<i>PLAG1</i>
15	40374952	40375000	<i>MICAL2</i>
16	43425001	43450000	<i>UBE4B</i>
16	43747735	43750000	<i>CLSTN1</i>
19	11075001	11151673	<i>MED13</i>
19	11169421	11175000	<i>INTS2</i>
19	11300001	11350000	<i>BRIP1</i>
20	3700001	3725000	<i>FBXW11</i>
21	1252109	1253718	<i>NDN</i>
21	45875001	45900000	<i>RALGAP1</i>
22	49600001	49650000	<i>DOCK3</i>