

**Supplementary Table 6.** The accuracy of 64 features through generalized linear regression model

Gene name	Acc
CAPG	0.82
MCM6	0.812
AJUBA	0.797
CLDN7	0.797
HS3ST2	0.797
NALCN	0.789
ABCC4	0.774
MCM2	0.774
GPNMB	0.767
TM4SF19	0.767
LOC101928304	0.759
PLA2G7	0.759
TREM2	0.759
DHRS9	0.752
FABP5	0.752
HYAL3	0.752
SPP1	0.752
LPL	0.744
ANXA2	0.737
FABP4	0.729
LGALS3	0.729
FXYD2	0.722
BCAT1	0.714
CCND1	0.714
CEBPD	0.714
JUNB	0.714
WIPI1	0.714
LHFPL2	0.699
CEBPB	0.692
CILP	0.692
NR0B2	0.684
RORAAS1	0.684
DNAJC12	0.677
MEOX2	0.677
RNASE6	0.669
GUCA2B	0.662
HIST1H4L	0.662
ERRFI1	0.654
GPC4	0.654
HNRNPA1P33	0.654
JUN	0.654

**Supplementary Table 6.** Continued

Gene name	Acc
LOC727896	0.654
SFRP5	0.654
ZFP36	0.654
RGS2	0.639
RGS5	0.639
SERPINA3	0.639
CLDN4	0.632
LINC00939	0.632
LOC730101	0.632
ZBTB16	0.632
ANKRD36BP2	0.624
KCNK5	0.624
PPP1R1A	0.624
MAGOH2P	0.617
TIMD4	0.617
USP43	0.617
FCGR2C	0.609
GNAO1	0.594
HSPA7	0.594
POU6F2	0.594
TSC22D3	0.594
C1QC	0.549
KLHL41	0.549