	cor=0.7811	cor=0.7752	cor=0.7633	cor=0.7499	cor=0.7396	cor=0.7376	cor=0.732	cor=0.7268
GSVA score	0.3 - 0.0 - 0.3 -	© 0.3 - 0.0 - 0.0 - 0.0	0.0 0.5 1.0 1.5 2.0 2.5 SSC5D cor=0.6884	0.0 0.5 1.0 1.5 2.0 LSAMP cor=0.6827	© 0.3 - 0.0 - 0.0 - 0.0	0.3 - 0.0 - 0.0 - 0.3 - 0.0 - 0.0 -	© 0.3 - 0.0 - 0.0 - 0.0	© 0.3 - 0.0 - 0.0 - 0.0
GSVA score	0.3 - 0.0 - 0.3 - 0	0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 -	0.3 - 0.0 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.3 - 0.0 - 0.3 - 0.3 - 0.0 - 0.3 -	0.3 - 0.0 - 0.3 - 0.0 - 0.3 -	0.0 - 0.3 - 0.0 - 0.0 -	O.3 - 0.0 - 0.3 - 0.0 - 0.3 -	0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.3 - 0.3 - 0.3 - 0.3 - 0.0 - 0.3 -	0.0 0.5 1.0 1.5 2.0
core	LTBP2 cor=0.6526	F2R cor=0.6385	SAMD11 cor=0.6342	CTHRC1 cor=0.6334	IL1R1 cor=0.6228	GPBAR1 cor=0.6222	PSD cor=0.618	HAND2-AS1 cor=0.6157
GSVA sc	0.0	0.0 - 0.3 - 1 2 3 4 5 TGM2 cor=0.6025	0.0 - 0.3 -	0.0 - 0.3 - 0.1 - 0.3 - 0.5 -	0.0 0.5 1.0 1.5 2.0 TSHZ2 cor=0.5741	ON 0.0 - 0.3	0.0 - 0.3 - 2 3 4 TMEM204 cor=0.547	0.0 - 0.3 - 0.0 - 0.0 -
GSVA score	0.3 - 0.00.3 - 1 2	0.0 - 0.3 - 0.0 -	0.3 - 0.0 - 0.0 - 0.0 -	9.03 - 0.0 -	0.0 - 0.3 - 0.0 - 0.0 -	9.0.3 - 0.0 - 0.0 - 0.3	0.0 - 0.3 - 0.0 - 0.0 - 0.3 - 0.0 - 0.0 - 0.3 - 0.0 -	0.3 - 0.0 - 0.3 -
core	RUNX1 cor=0.5152	THSD4 cor=0.5144	TMEM158 cor=0.5132	PAM cor=0.5114	GPC6 cor=0.504	ZCCHC24 cor=0.5025	F2RL2 cor=0.4989	PLAT cor=0.4884
GSVA sco	0.0 - -0.3 - 1.5 2.0 2.5 3.0 UBE2Q2	0.0 - 0.3 - 0.1 2 3 MAFB	0.0 - 0.0 - 1.5 2.0 2.5 3.0 TSPAN4	98 0.0 - 1 2 3 MDFIC	0.0 - 0.0 - 4 5 6 7 HLA-A	0.0 - 0.3 - 0.5 1.0 1.5 2.0 PDE4A	9008 0.0- 0.0- 1 2 3 4 CTSC	0.0 - 0.3 - 2 3 4 5 SPRY1
A score	cor=0.4873	cor=0.4733	cor=0.4706	cor=0.4648	cor=0.4588	cor=0.4446	cor=0.4431	cor=0.4425
\S9	-0.3 - 2 IL15RA cor=0.4371	1.5 2.0 2.5 3.0 3.5 WLS cor=0.4356	© -0.3	1.0 1.5 2.0 2.5 3.0 DLL1 cor=0.4308	© -0.3 - 1 2 3 4 FAM20C cor=0.4271	© -0.3 - 2 3 SOX4 cor=0.424	0.2 0.4 0.6 0.8 1.0 MBD5 cor=0.4185	© -0.3 - 1
GSVA score	0.3 - 0.0 - 0.3 -	0.0 - 0.3 - 0.0 -	0.3 - 0.0 - 0.0 - 0.0 -	0.0 - 0.3 - 0.0 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 -	0.0 0.5 1.0 1.5 2.0 HOXA3 cor=0.3939	© 0.3 - 0.0 - 0.0 - 0.3 - 0.0 - 0.3	0.0 - 0.3 - 0.0 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.3 - 0.0 - 0.0 - 0.3 - 0.0 -	0.3- 0.0- SO -0.3- 2.0 2.5 3.0 3.5 4.0 RHBDD2 cor=0.384
GSVA score	2 3 4 5 S100A13	0.0 0.5 1.0 1.5 2.0 SLFN12	0.3 - 0.0 - 0.5 1.0 1.5 2.0 ATP10D	0.0 0.3 0.6 0.9 ICOSLG	0.3 - 0.0 - 0.3 - 0.5 1.0 1.5 2.0 FLCN	0.0 - 0.3 - 0.0 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.3 - 0.0 - 0.3 -	0.03 - 0.00 - 0.	0.0 - 0.3 - 0.0 - 0.0 - 0.3 - 0.0 - 0.3 -
sco	cor=0.38	cor=0.3776	cor=0.3635	cor=0.3628	cor=0.3539	cor=0.3539	cor=0.3506	cor=0.3423
GSVA	1.5 2.0 2.5 CFAP36 cor=0.341	9 -0.3 - 1.0 1.5 2.0 2.5 GNPDA1 cor=0.337	1.0 1.5 2.0 2.5 KATNA1 cor=0.3367	© -0.3 - 1 2 3 FADS2 cor=0.3276	© -0.3 - 1 2 3 NFKBID cor=0.3257	69 -0.3 - 1 2 3 4 5 MMP11 cor=0.3219	© -0.3 - 1 2 EMID1 cor=0.3164	ST5 cor=0.3129
VA score	0.3 - 0.0 - 0	0.0 - 0.0 -	0.0 - 0.0 -	0.3 - 0.0 -	0.0 - 0.0 -	0.0 - 0.0 -	0.0- 0.0-	0.0 - 0.0 -
39	0.5 1.0 1.5 MCTP2 cor=0.3098	1.0 1.5 2.0 2.5 3.0 TANK cor=0.3094	0.5 1.0 1.5 2.0 ANKFY1 cor=0.3029	2.8 3.2 3.6 4.0 SDF4 cor=0.3001	0.0 0.5 1.0 1.5 2.0 SEMA3A cor=0.2927	0.0 0.5 1.0 SOX6 cor=0.2879	0 -0.3 - 1 2 3 4 NFKBIE cor=0.2823	6 -0.3 - 1 2 3 HS6ST1 cor=0.2788
GSVA score	0.3 - 0.0 - -0.3 - 2.0 2.5 3.0 3.5 4.0 ERLEC1 cor=0.2764	0.3 - 0.0 - 0.0 - 0.5 1.0 1.5 2.0 2.5 MAML2 cor=0.269	© 0.3 - 0.0 - 0.0 - 0.0	0.0 - 0.3 - 0.0 - 0.0 -	0.0 0.5 1.0 1.5 USP46 cor=0.2576	0.0 - 0.0 -	0.0 - 0.0 -	0.0 - 0.0 -
GSVA score	0.3 - 0.0 - 0.3 - 0.5 1.0 1.5 2.0 ASCC3	0.3 - 0.0 - 0.3 - 0.5 1.0 1.5 2.0 PLEKHA5	0.0 0.5 1.0 1.5 2.0 2.5 WNT5A	0.3 - 0.3 - 0.0 - 0.3 - 0.5 1.0 1.5 2.0 2.5 CCDC68	0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 -	0.0 - 0.3 - 0.0 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.3 - 0.0 - 0.0 -	0.3 - 0.0 - 0.5 1.0 DDHD1	0.0 - 0.3 - 0.0 - 0.0 -
'A score	cor=0.2502	cor=0.2483	cor=0.2473	cor=0.2469	cor=0.2465	cor=0.2365	cor=0.2365	cor=0.2284
(SS)	-0.3 - 2 BCL2L11 cor=0.2256	Ø -0.3	O -0.3 - 1.5 2.0 2.5 ZMYM4 cor=0.2148	0 -0.3 - 1.0 1.4 1.8 2.2 EPM2AIP1 cor=0.191	© -0.3 - 1 2 3 4 SDC3 cor=0.1821	O -0.3 - 2 3 TNFRSF14 cor=0.1723	© -0.3 - 1 2 UBP1 cor=0.1638	0.500.751.001.251.50 ZNF451 cor=0.1479
GSVA score	0.3 - 0.0 - 0.0 - 0.3 - 0.0 - 0.0 - 0.3 - 0.0 - 0.0 - 0.3 - 0.0 -	0.0 - 0.3 - 0.0 - 0.5 1.0 1.5 2.0 CLK4 cor=0.1359	0.4 0.8 1.2 1.6 ZNF280D cor=0.1356	0.0 0.5 1.0 C1RL-AS1 cor=0.1289	0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.3 - 0.0 - 0.3 -	0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 -	0.0 0.5 1.0 CADPS cor=0.0841	0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 -
3SVA score	0.3 - 0.0 - -0.3 -	0.0 - 0.3 - 0.0 - 0.0 -	8 0.0 - 0.3	8 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.3 - 0.0 - 0.3	0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 -	0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 -	0.0 - 0.3 - 0.0 - 0.0 - 0.3 - 0.0 -	0.0 - 0.0 -
J	1.0 1.5 2.0 2.5 PHKB cor=0.0654	1 2 3 4 5 GDF15 cor=0.0554	1 2 3 4 5 6 APCDD1 cor=0.0349	1.5 2.0 2.5 UQCC2 cor=0.0329	1.0 1.5 2.0 PWWP2A cor=0.0324	0.2 0.4 0.6 0.8 1.0 1.2 GTF2IRD2 cor=0.0192	1.5 2.0 2.5 3.0 POP5 cor=0.0056	1 2 3 CCDC14 cor=-0.0064
GSVA score	0.3 - 0.0 - 0.0 - 0.0 0.2 0.4 0.6 0.8 DNAH14	0.3- 0.0- 0.0- 1 2 3 USPL1	9.03 0.0 0.0 0.0 0.0 1 2 3 MYO10	0.0 - 0.0 -	0.0 0.5 1.0 1.5 2.0 MUC12	SMIM14	0.3 - 0.0 - 0.0 - 0.5 1.0 1.5 2.0 ANK3	0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.0 -
GSVA score	cor=-0.0075 0.3	COr=-0.0095 0.3 0.0 0.5 1.0 1.5 SPRTN COr=-0.2517	cor=-0.0103 9.03	cor=-0.0116 9.03 0.0 1.5 2.0 2.5 3.0 GMCL1	cor=-0.0132 9 0.3 -	Cor=-0.016 0.0 -0.3 -0.3 -0.4 0.5 KCNQ1OT1	Cor=-0.0182 9 0.3 -	cor=-0.0751 9 0.3 - 1
3VA score	cor=-0.1285	cor=-0.2517						
GE	-0.3	9 -0.3 - • • • • • • • • • • • • • • • • • •						