O.3 -0.0 -0.6 -0.6	cor=0.8738	cor=0.8737  9 0.3 -	COr=0.8617  9 0.3 -	cor=0.8534  9 0.3 -	cor=0.8469  9.03  0.0  0.0  -0.6  0  1  EBF1	cor=0.8453  9 0.3 -	cor=0.8407  9 0.3 -	cor=0.8124  9 0.3 -
0.3 A SCOLE	cor=0.8099  1 2 3 4  SYNPO2  cor=0.7856	cor=0.809  9.03  0.0  0.0  -0.6  MAP1B  cor=0.7829	cor=0.8077  90.3	cor=0.8009  9.03  0.0  0.0  -0.6  0.1  2 3 4  GJA4  cor=0.7795	cor=0.7939  0.3  0.0  0.0  0.0  1  1  1  1  1  1  1  1  1  1  1  1  1	cor=0.793  0.3 - 0.0 - 0.0 - 0.0 0.5 1.0 1.5 2.0 2.5  CCDC102B  cor=0.7758	cor=0.7924  9 0.3	cor=0.7895  9 0.3
	0 1 2 ATP1B2 cor=0.7621	© 0.3 - 0.0 - 0.3 - 0.6 - 0.6 - 0.6 - 0.6 - 0.7588	900 900 0.0 - 0.3 - 0.6 - 0.6 - 0.6 - 0.6 - 0.758	© 0.3 - 0.0 - 0.6 - 2 3 4 5 CALD1 cor=0.7554	© 0.3 - 0.0 - 0.3 - 0.6 - 0 1 2 3 ADCY3  cor=0.7494	0.0 - 0.0 - 0.0 - 0.5 - 1.0 - 1.5 NFASC cor=0.7466	© 0.3 - 0.0 - 0.3 - 0.6 - 0.6 - 0.1 ½ 3 NEURL1B cor=0.7405	© 0.3 - 0.0 - 0.0 - 0.5 - 1.0 - 1.5 GUCY1A2 cor=0.7379
	1.0 1.5 2.0 2.5 3.0 UTRN cor=0.7379	© 0.3 - 0.0 - 0.3 - 0.0 - 0.6 - 0.6 - 0.1 2 3 4 5 ADAMTS4  cor=0.7368	9 0.3 - 0.0 - 0.0 - 0.6 - 0.6 - 0.6 - 0.7351  9 0.3 - 0.6 - 0.7351	© 0.3 - 0.0 - 0.0 - 0.6 - 0.6 - 0.6 - 0.7333  © 0.3 - 0.6 - 0.7333	0.3 - 0.3 - 0.6 - 1 2 3 FILIP1L cor=0.7333	© 0.3 - 0.0 - 0.3 - 0.6 - 1 2 3 CSF1 cor=0.729	0.3 - 0.0 - 0.5 1.0 1.5 2.0 2.5 DNAJB5  cor=0.7267	⊕ 0.3 -
O.3 - 0.3 -	0 1 2 3 COL5A3 cor=0.7216	0.0 - 0.3 - 0.6 - 0.6 - 0.7185  cor=0.7185	0.0 - 0.3 - 0.5 1.0 1.5 2.0 2.5 SEMA5A cor=0.7143	0.0 - 0.3 - 0.6 - 1 2 3 4 PXDN cor=0.7137	OS VANSO -0.0 - 1 2 3 ZEB2 cor=0.7116	0.0 - 0.3 - 0.6 - 2 3 4 5 STOM cor=0.7037	0.0 0.5 1.0 1.5 SEMA5B cor=0.6975	0.0 - 0.3 - 0.6 - 0 1 2 3 NRIP2 cor=0.6949
0.3 -	0.0 0.5 1.0 1.5 SSTR2 cor=0.6937	0.0 -0.3 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6	0.0 - 0.3 - 0.6 - 1 2 3 4 IFI16 cor=0.6919	0.0 - 0.3 - 0.6 -	0.0 - 0.3 - 0.6 - 1.5 2.0 2.5 3.0 OAZ2  cor=0.6854	0.0 - 0.3 - 0.5 1.0 1.5 2.0 2.5 PDE1A  cor=0.6841	SH2D3C cor=0.6809	0.0 - 0.3 - 0.6 - 1.0 1.5 2.0 2.5 3.0 MPRIP  cor=0.6802
OSVA score -0.6 -0.3 -0.3	2.0 2.5 3.0 ADD1 cor=0.6788	OS -0.3 - 0.5 1.0 1.5 2.0 MKL2 cor=0.6771	O.0 -0.30.6 - 1.5 2.0 2.5 3.0 3.5 SEPT7  cor=0.6765	OD -0.3 - 2 3 4 5 COL4A2 cor=0.6747	O.5 1.0 1.5 2.0 EPN2 cor=0.6692	O.5 1.0 1.5 2.0 C2CD2 cor=0.6655	O.0 - O.3 - O.6 -	OS -0.3 - 0.6 - 0.0 0.5 1.0 1.5 2.0 ANKRD29  cor=0.6641
-0.6 <b>-</b>	1.5 2.0 2.5 3.0 PARVA cor=0.6611	O -0.3 - 1.0 1.5 2.0 2.5 ADAMTS10 cor=0.659	O -0.3 - 1.0 1.5 2.0 2.5 ARHGAP17 cor=0.6521	O -0.3 - 2 3 4 5 6 COL4A1 cor=0.6519	O.0 0.5 1.0 1.5 2.0 2.5 HGF  cor=0.6514  0.0 0.3 - 0.0 - 0.0 - 0.3 - 0.0	O -0.3 -0.6 0 1 2 3 PARM1 cor=0.6486 0.0 -	O -0.3 - 0.0 0.5 1.0 1.5 2.0 GJC1 cor=0.6474	O -0.3 - 0.0 0.5 1.0 1.5 2.0 2.5 ANGPT2  cor=0.6454  0.0 0.5 1.0 1.5 2.0 2.5 ANGPT2
-0.6 -0.3 -0.3 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6 -0.6	SH2B3 cor=0.6446	-0.6 - 0.0 0.5 1.0 1.5 2.0 CACNA1C cor=0.644	OSTM1  cor=0.6421  0.3  0.0  0.0  0.0  0.0  0.0  0.0  0.	-0.6 - 2 3 4 5 RGS5  cor=0.6396  0.0 - 0.0	-0.6 - 1.6 2.0 2.4 2.8 SLC12A4  cor=0.6364  0.0 - 0.0	-0.6 - 3 4 5 IFITM2  cor=0.6364  9 0.3 - 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	-0.6 - 4 5 6 7 IFITM3  cor=0.6235  9 0.3 - 4 6 7  0.0 - 4 7  0.0 - 4 7  0.0 - 4 7  0.0 - 1 7  0.0 -	-0.6 - 0.0 0.5 1.0 1.5 DPY19L2 cor=0.6217  90 0.3 - 0.0 - 0.
0.3 A SCORE 0.0 -0.6 -0.6 -0.6	1 2 3 4 NDUFA4L2 cor=0.6216 	1 2 3 4 ETS1 cor=0.6153	0.5 1.0 1.5 2.0 MEIS3  cor=0.6135  0.0 0.0	0.0 0.5 1.0 1.5 2.0 2.5 CYP7B1  cor=0.6115  0.3	O 1 2 3 STARD13 cor=0.6111 0.0 - 0.	0.5 1.0 1.5 FRMD3 cor=0.5973	DOCK11  cor=0.597  0.3  0.0  0.0  0.5  0.5  0.5  0.5  0.6  0.5  0.7  0.7  0.8  0.9  0.9  0.9  0.9  0.9  0.9  0.9	0 1 2 3 4 5 LGI4  cor=0.5966  9 0.3  0.0  -0.6  1 2  ITGA1
0.0 <b>QSVA score</b> -0.6	cor=0.5963	cor=0.5961  9.03  0.0  -0.3  -0.6  0.5  1.0  1.5  MICU3	COT=0.5932  90.3	cor=0.58  9.03  0.0  0.0  -0.6  1.5 2.0 2.5 3.0 3.5  ARHGAP1	cor=0.5748  0.3  0.0  0.0  -0.6  1  2  SLCO3A1	cor=0.5654	cor=0.5636  9 0.3 -	cor=0.5545  9 0.3 -
OSA SCORE 0.0 -0.6	cor=0.5489 0.0 0.5 1.0 1.5 TMEM136 cor=0.5245	cor=0.5445  9 0.3 -	cor=0.5418  9 0.3	cor=0.5373  9 0.3 -	cor=0.5332 0.3-0.0-0.3-0.6-0.6-0.6-0.5126	cor=0.531  9 0.3 -	cor=0.5299  9 0.3	cor=0.5275  9 0.3 -
	2.0 2.5 3.0 3.5 4.0 CDKN1B cor=0.5035	9000 0.3 - 0.0 - 0.3 - 0.6 - 0.6 - 0.6 - 0.4994 cor=0.4994	0.0 - 0.3 - 0.0 - 0.6 - 2 3 4 TINAGL1 cor=0.4954	0.0 - 0.3 - 0.0 - 0.6 - 0.6 - 0.6 - 0.6 - 0.4914	0.0 - 0.3 - 0.5 1.0 1.5 2.0 PGAP1  cor=0.4747	© 0.3 - 0.0 - 0.3 - 0.6 - 0.6 - 1 2 3 EPS8  cor=0.4701	© 0.3 - 0.0 - 0.3 - 0.6 - 0 1 2 DNAJC27 cor=0.4631	© 0.3 - 0.0 - 0.3 - 0.6 - 1 2 3 4 RASGRP2 cor=0.4603
GSVA score -0.0 -0.6	hspa2 cor=0.4486	© 0.3 - 0.0 - 0.6 - 1 2 DMD cor=0.4422	9008 0.0 - 0.3 - 0.6 - 2.0 2.5 3.0 3.5 4.0 4.5 MALAT1 cor=0.4406	9 0.3 - 0.0 - 2 3 4 5 6 ARHGDIB cor=0.436	© 0.3 - 0.6 - 2 3 4 RHOG cor=0.433	© 0.3 - 0.0 - 0.5 1.0 1.5 2.0 RASAL2 cor=0.4286	© 0.3 - 0.0 - 0.3 - 0.6 - 0.6 - 0.6 - 0.6 - 0.7 X1 Cor=0.4197	© 0.3 - 0.0 - 0.3 - 0.6 - 0 1 2 XAF1 cor=0.4167
OSVA SCO.	2.5 3.0 3.5 4.0 ASAH1 cor=0.4164	0.0 - 0.3 - 0.6 - 1.0 1.5 2.0 CNST cor=0.4121	0.0 - 0.3 - 0.6 - 1 2 3 4 SLC25A25 cor=0.4104	0.0 - 0.3 - 0.5 1.0 1.5 2.0 2.5 SH3BP2  cor=0.4085	0.0 - 0.3 - 0.6 - 1.0 1.5 2.0 2.5 FHOD1  cor=0.4073	0.0	0.0 - 0.3 - 0.6 - 1 2 3 SYTL2 cor=0.3971	0.0 - 0.3 - 0.6 - 1 2 3 4 FABP5 cor=0.3945
	0.0 0.4 0.8 1.2 CNNM2 cor=0.3904	0.0 - 0.3 - 0.5 1.0 1.5 SPECC1 cor=0.3895	0.0 - 0.3 - 0.6 - 1 2 3 MYO1B cor=0.3803	O.0 - 1 2 3 PLEKHA2 cor=0.3797	0.0- 0.0- 0.0- 0.0- 0.1 2 3 HIGD1B cor=0.3701	0.0 - 2.0 2.5 3.0 3.5 UBA2 cor=0.3622	0.0 0.5 1.0 1.5 2.0 2.5 KCNK17  cor=0.349	O.0 - 0.0 -
-0.6 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	4 5 6 7 HLA-B cor=0.3457	O.0 0.5 1.0 1.5 2.0 RFX1  cor=0.3353	OB -0.3 - 1 2 INPP4B cor=0.3249  0.3 - 0.0	OS -0.3 - 1 2 MX2 cor=0.3221	O.0 0.5 1.0 1.5 2.0 2.5 HOXB4  cor=0.3201	OS VANS 0.0 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3 -0.3	OS V V O O O O O O O O O O O O O O O O O	OS -0.3 - 1 2 3 BMP2 cor=0.3155
-0.6 <b>-</b>	1.5 2.0 2.5 WASHC4 cor=0.3119	-0.6 - 0 1 2 3 WNT6 cor=0.2868	-0.6 - 1.5 2.0 2.5 3.0 SUN1 cor=0.2841	-0.6 - 1.0 1.5 2.0 2.5 CWC22 cor=0.2799	-0.6 - 0.5 1.0 1.5 2.0 2.5 DCP2  cor=0.273	-0.6 - 0.5 1.0 1.5 ARHGAP44 cor=0.2721	-0.6 - 1.6 2.0 2.4 2.8 EMC2 cor=0.2697	-0.6 - 1.5 2.0 2.5 3.0 C19orf66 cor=0.2692
	2.0 2.5 3.0 3.5 4.0	0.8 1.2 1.6 2.0 UBE3A cor=0.2462	0.5 1.0 1.5 2.0 SMC6  cor=0.2438  0.3	ELK4  cor=0.2341  0.3  0.0  0.0  0.0  0.0  1.5 2.0 2.5 3.0	APOE  cor=0.2214  0.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.	NRARP  cor=0.2182  90.3  0.0  -0.6  -0.6  1 2 3 4  0 1 2 3 4  5	2.0 2.5 3.0 3.5 4.0 NCK2  cor=0.2165  9 0.0 -	PLEKHH3  cor=0.2139  9 0.3  0.0  -0.6  1.5 2.0 2.5
OSVA score	CTSA cor=0.2084	SG15 cor=0.2036 0.3 - 0.0 -	ARPC5 cor=0.1967  0.3 0.0 0.0 0.5 1.0 1.5 PPM1L	B4GALT3  cor=0.1957  9009  0.0 -	PAWR  cor=0.1953  0.3- 0.0- 0.0- 1.2 1.6 2.0  CUL3	PMEPA1  cor=0.1886  0.3 -	POGZ cor=0.1718  0.3 0.0 0.0 0.5 1.0 1.5 2.0 FAM217B	MED19 cor=0.1685  9 0.3 -
0.0 <b>QS/A score</b> -0.6 -	cor=0.1634  1.0 1.5 2.0 2.5 3.0 MYBBP1A  cor=0.1334	cor=0.162 900 900 0.0 0.0 0.0 0.0 0.0 0.0	cor=0.1574  9 0.3 -	cor=0.1566  9 0.3 -	cor=0.1565  9 0.3 -	cor=0.1456  9 0.3 -	cor=0.137  9 0.3	cor=0.1353  9 0.3
0.0 <b>QSVA score</b> -0.6 -0.6	0.5 1.0 1.5 2.0 2.5 DCBLD1 cor=0.0573	© 0.3 - 0.6 - 3 4 5  ANKRD10  cor=0.0553	900 900 0.0 - 0.3 - 0.6 - 0.6 - 0.6 - 0.6 - 0.6 - 0.6 - 0.0468	0.3 - 0.0 -	9 0.3 - 0.0 - 0.3 - 0.6 - 1 2 3 4  SMURF1  cor=0.0142	0.3 - 0.0 -	0.3 - 0.0 -	0.3 - 0.0 -
	2.0 2.5 3.0 3.5 SSRP1 cor=-0.0264	Φ 0.3 - 0.0 - 0.0 - 0.6 - 1 2 3 4 NKIRAS2 cor=-0.046	ψ 0.3 - 0.0 - 0.0 - 0.5 1.0 1.5 2.0 LRRC8B  cor=-0.0522	9 0.3 - 0.0 - 0.0 - 0.6 - 0.6 - 0.6 - 0.0 - 0.855	0.3- 0.0- 0.0- 0.0- 1.0 1.5 2.0 2.5 3.0 RCOR1 cor=-0.0887	cor=-0.1236	Φ 0.3	TNFRSF21 cor=-0.2093
	0.8 1.2 1.6 2.0 P2RX4 cor=-0.2355	⊕ 0.3 - 0.0	0.0 - 0.0 - 0.5 1.0 1.5 2.0 2.5 CSPP1 cor=-0.3681	900 0.0 - 0	0.0 - 0.3 - 0.0 - 0.0 - 0.6 - 1 2 3 MYO6	9000 0.0 - 0	90 0.3 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.0 - 0.3 - 0.0 - 0.3 - 0.0 - 0.3 - 0.6 -
OSVA SCOR	2 4 6 CA2	9000 0.0 -	9008 0.0 - 0.0 - 0.6 -	9.03 - 0.0 -				