Table: GSEA Results Summary

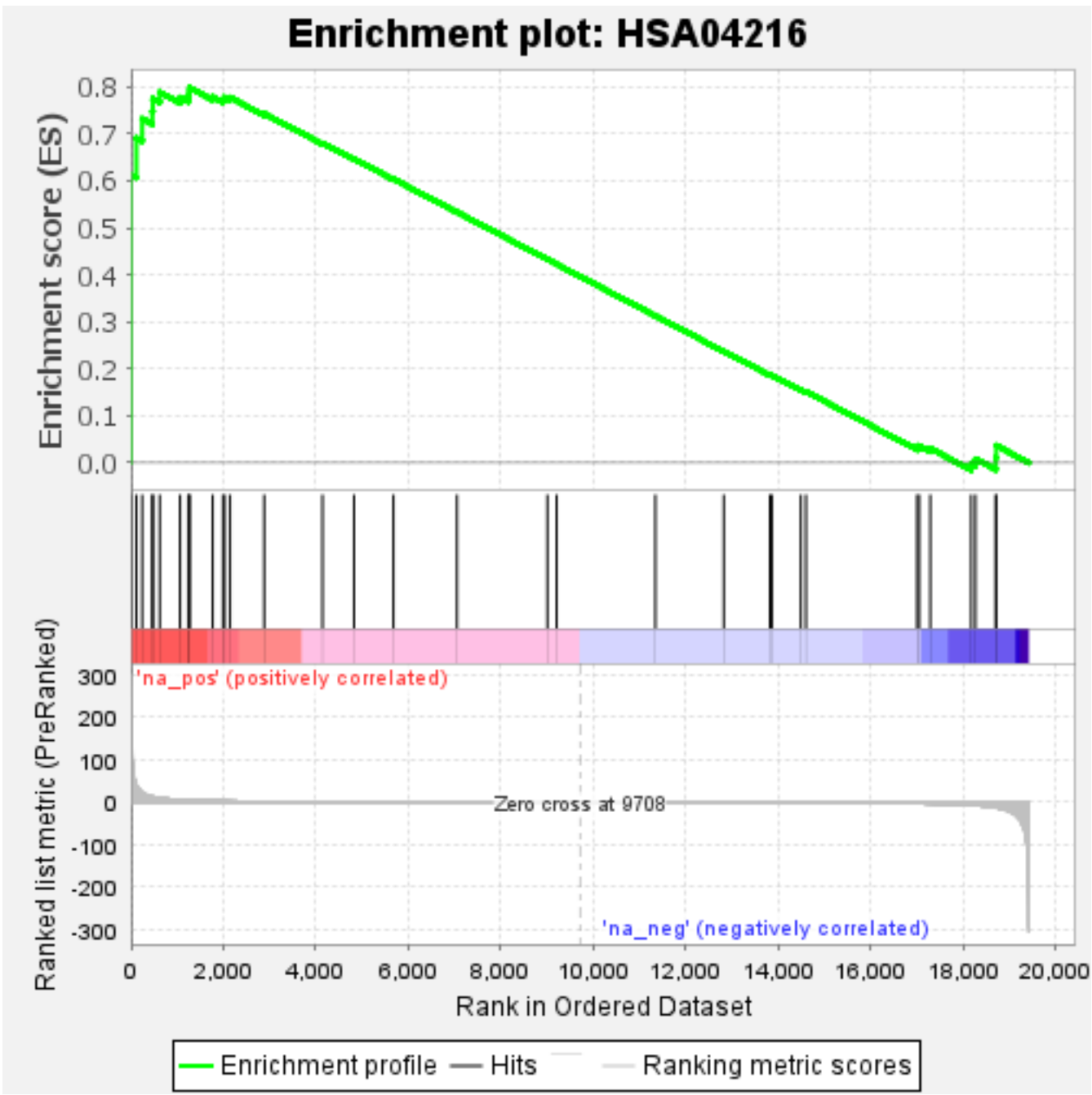| Dataset	ShrinkBMDM_hScore.rnk
Phenotype	NoPhenotypeAvailable
Upregulated in class	na_pos
GeneSet	HSA04216
Enrichment Score (ES)	0.79766077
Normalized Enrichment Score (NES)	1.5530198
Nominal p-value	0.028985508
FDR q-value	0.06752184
FWER p-Value	0.052

Fig 1: Enrichment plot: HSA04216
Profile of the Running ES Score & Positions of GeneSet Members on the Rank Ordered List

Table: GSEA details [plain text format]

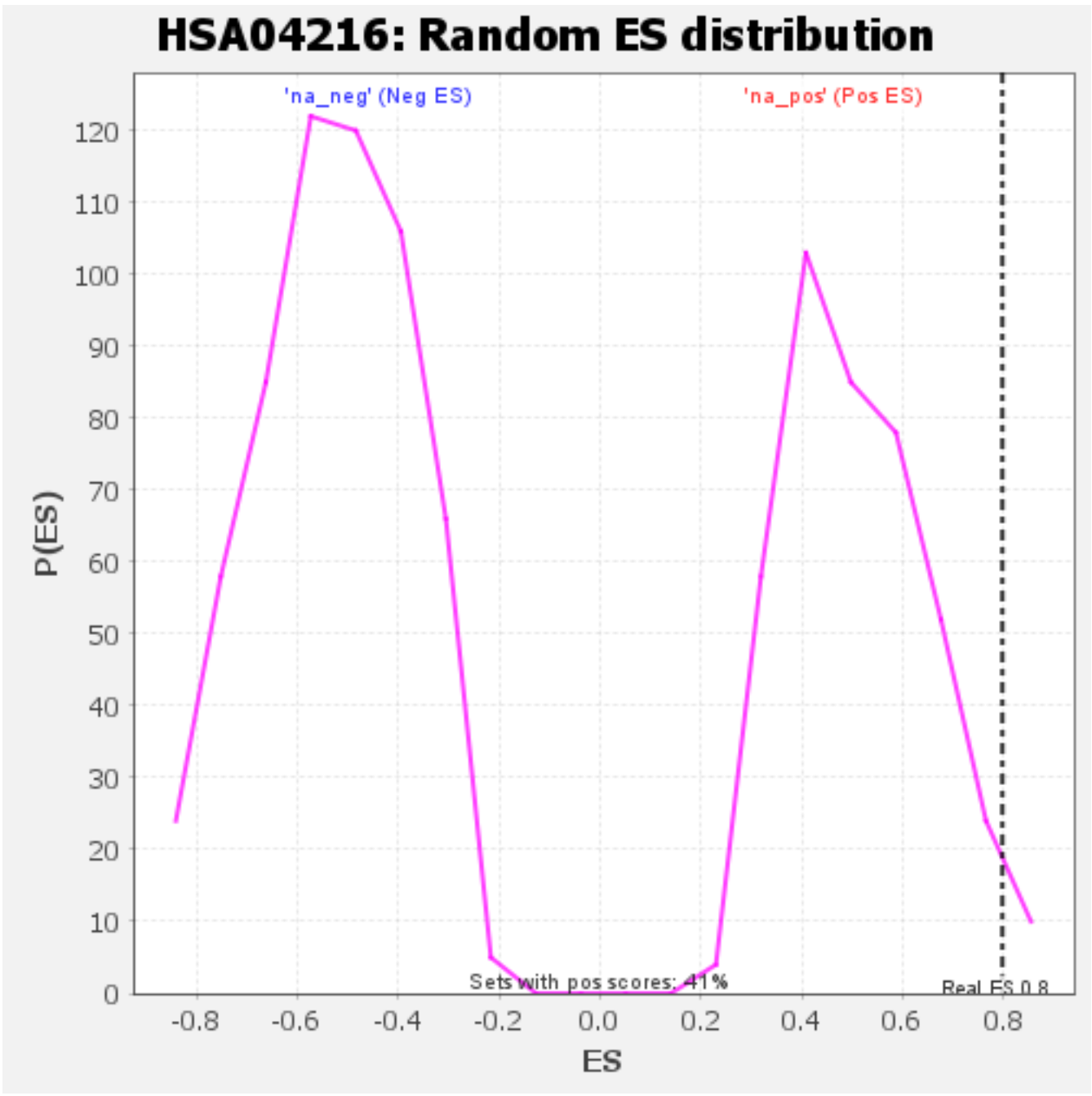|	SYMBOL	RANK IN GENE LIST	RANK METRIC SCORE	RUNNING ES	CORE ENRICHMENT
1	SLC7A11	1	297.000	0.6128	Yes
2	CYBB	118	40.782	0.6910	Yes
3	ACSL1	244	22.909	0.7318	Yes
4	GSS	463	13.322	0.7481	Yes
5	NCOA4	474	13.115	0.7746	Yes
6	GCLM	624	10.112	0.7878	Yes
7	VDAC2	1064	5.920	0.7774	Yes
8	TFRC	1243	5.008	0.7785	Yes
9	SLC3A2	1261	4.947	0.7878	Yes
10	ATG5	1269	4.930	0.7977	Yes
11	GCLC	1769	3.411	0.7790	No
12	SLC11A2	1993	2.953	0.7736	No
13	GPX4	2024	2.895	0.7780	No
14	ATG7	2145	2.701	0.7774	No
15	SAT2	2883	1.794	0.7431	No
16	VDAC3	4145	0.997	0.6801	No
17	SLC40A1	4827	0.741	0.6465	No
18	HMOX1	5679	0.517	0.6037	No
19	MAP1LC3B	7053	0.278	0.5335	No
20	FTH1	9009	0.059	0.4328	No
21	MAP1LC3A	9209	0.040	0.4226	No
22	ACSL5	11347	-0.156	0.3127	No
23	STEAP3	12825	-0.359	0.2373	No
24	CP	13824	-0.570	0.1870	No
25	SLC39A14	13866	-0.583	0.1861	No
26	ACSL3	14492	-0.751	0.1554	No
27	SAT1	14603	-0.788	0.1513	No
28	PCBP1	17007	-2.614	0.0328	No
29	LPCAT3	17050	-2.678	0.0362	No
30	PCBP2	17292	-3.134	0.0302	No
31	PRNP	18176	-6.395	-0.0021	No
32	TP53	18269	-7.104	0.0078	No
33	SLC39A8	18709	-12.434	0.0108	No
34	ACSL4	18719	-12.614	0.0364	No

Fig 2: HSA04216: Random ES distribution
Gene set null distribution of ES for HSA04216