

Supplementary Table S9. GSEA between HR-proficient and HR-deficient patients using immune cell gene sets

NAME	SIZE	ES	NES	NOM p-val	FDR q-val	FWER p-val	RANK AT MAX
T CELLS	78	0.748288	3.199165	p<0.001	q<0.001	p<0.001	2617
TGD	40	0.738924	2.731104	p<0.001	q<0.001	p<0.001	2157
TH1	36	0.756828	2.711866	p<0.001	q<0.001	p<0.001	1716
MONOCYTES	23	0.657124	2.111421	p<0.001	5.56E-04	0.001	4859
EFFECTOR MEMORY CD8	38	0.567955	2.056199	p<0.001	0.001111111	0.002	2502
TREG	24	0.650492	2.048475	p<0.001	9.26E-04	0.002	3404
MAST CELLS	38	0.548938	2.012634	p<0.001	0.00120181	0.003	2249
DC	27	0.59641	1.995531	p<0.001	0.00105159	0.003	2549
ACTIVATED CD4	32	0.580657	1.950041	p<0.001	9.35E-04	0.003	5281
NK	16	0.623323	1.760297	0.0045872	0.01004701	0.046	2040
IMMATURE B CELLS	19	0.560073	1.751667	0.0089087	0.00965247	0.048	4139
IDC	21	0.548243	1.697238	0.016317	0.01448597	0.077	1588
MDSC	57	0.414711	1.602233	0.0081967	0.02573431	0.138	4371
TH17	23	0.412668	1.326085	0.1034483	0.14192176	0.596	1903
CENTRAL MEMORY CD8	15	0.450885	1.302948	0.1471264	0.15251385	0.648	2056
CENTRAL MEMORY CD4	20	0.348523	1.085131	0.350365	0.4066017	0.953	4092
ACTIVATED CD8	22	0.320868	1.026498	0.4048781	0.4786274	0.981	3641
EOSINOPHIL	15	0.348682	0.992838	0.4766355	0.5123928	0.989	3196
TH2	25	0.290964	0.953034	0.5333334	0.55732137	0.995	1433
MACROPHAGES	20	0.250498	0.774634	0.803132	0.8216028	1	4559