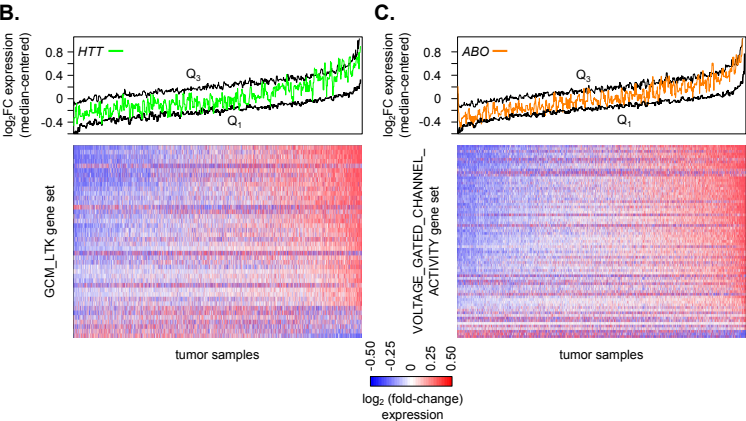


Gene symbol	Gene set related to known function	Rank	Rho	Relative rank	References
HGD	AMINO_ACID_CATABOLIC_PROCESS	1	0.66	0.004	a, b, c
ADRB2	CHEN_LVAD_SUPPORT_OF_FAILING_HEART	12	0.62	0.007	d
IGF2R	REACTOME_MEMBRANE_TRAFFICKING	1	0.73	0.001	e, f
FOXP2	CALCIUM_CHANNEL_ACTIVITY	1	0.70	0.002	g, h, i
CYP17A1	REACTOME_HORMONE_BIOSYNTHESIS	1	0.62	0.007	j, k
DRD4	NEUROPEPTIDE_RECEPTOR_ACTIVITY	3	0.54	0.023	l
BRCA2	MITOTIC_CELL_CYCLE	1	0.67	0.003	m, n
TEP1	KAYO_CALORIE_RESTRICTION_MUSCLE_DN	1	-0.56	0.042	o
UBE3A	GCM_NUMA1	7	0.45	0.063	p, q
CREBBP	NEGATIVE_REGULATION_OF_TRANSCRIP...	1	0.50	0.035	r
TP53	INDUCTION_OF_APOPTOSIS_BY_INTRA...	2	0.51	0.031	s
DCC	REACTOME_OLFACTORY_SIGNALING...	1	0.74	0.001	t, u
APOE	HYDROLASE_ACTIVITY_HYDROLYZING...	1	0.47	0.051	v
SRY	NEUROTRANSMITTER_BINDING	1	0.70	0.002	w



Gene symbol	Top 5 ranked gene sets	Rho	Relative rank	Gene set category
HTT	GCM_LTK	0.59	0.012	development and histone modification
	GCM_SMARCD1	0.58	0.012	
	GCM_TEC	0.57	0.014	
	MORF_CNTN1	0.55	0.018	
	BROWNE_HCMV_INFECTION_6HR_DN	-0.62	0.019	
L1TD1	MORF_WNT1	0.52	0.026	neuronal
	KEGG_NEUROACTIVE_LIGAND_RECEPTOR...	0.52	0.027	
	SYNAPTIC_TRANSMISSION	0.52	0.027	
	TRANSMISSION_OF_NERVE_IMPULSE	0.52	0.028	
	MORF_LCAT	0.52	0.029	
ABO	VOLTAGE_GATED_CHANNEL_ACTIVITY	0.67	0.003	transmembrane channel
	VOLTAGE_GATED_CATION_CHANNEL_ACTIVITY	0.66	0.003	
	NEUROTRANSMITTER_RECEPTOR_ACTIVITY	0.66	0.004	
	NEUROTRANSMITTER_BINDING	0.66	0.004	
	GATED_CHANNEL_ACTIVITY	0.65	0.004	
HOXC4	chr12q12	0.45	0.059	various
	RGTTAMWNATT_V\$HNF1_01	0.45	0.062	
	MCCABE_HOXC6_TARGETS_CANCER_UP	0.44	0.064	
	VOLTAGE_GATED_POTASSIUM_CHANNEL...	0.41	0.086	
	VOLTAGE_GATED_CHANNEL_ACTIVITY	0.41	0.087	
PRNP	V\$E4BP4_01	0.69	0.002	various
	TGACATY_UNKNOWNN	0.67	0.003	
	POTTI_CYTOXAN_SENSITIVITY	0.67	0.003	
	V\$IPF1_Q4	0.67	0.003	
	PETRETTO_CARDIAC_HYPERTROPHY	0.66	0.004	