









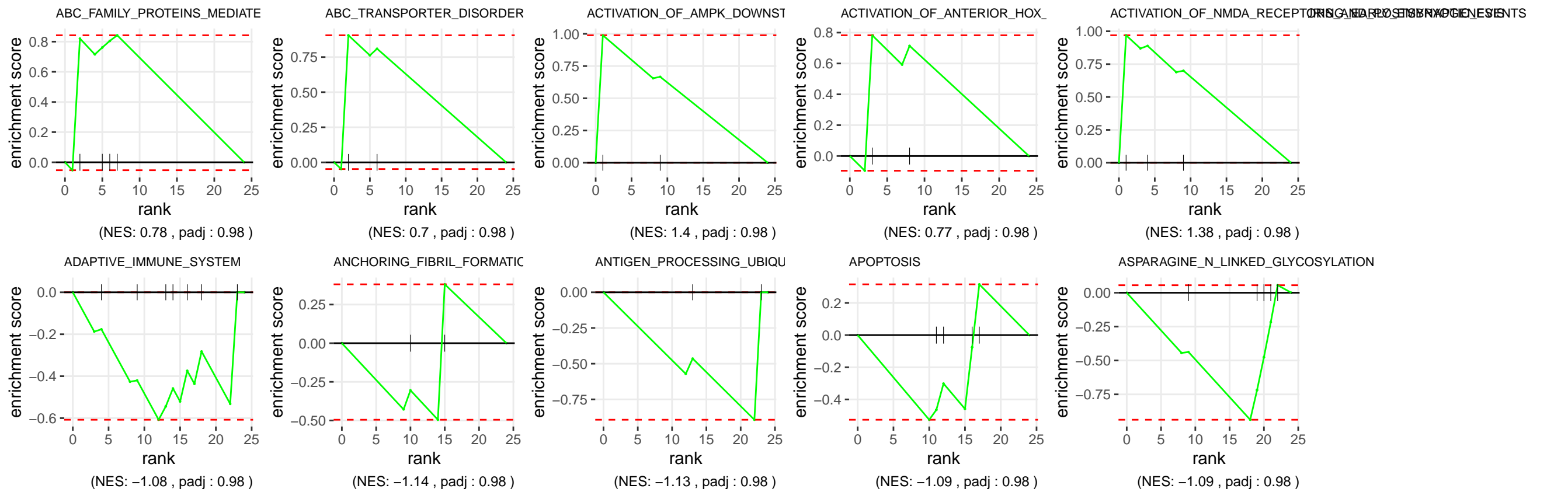


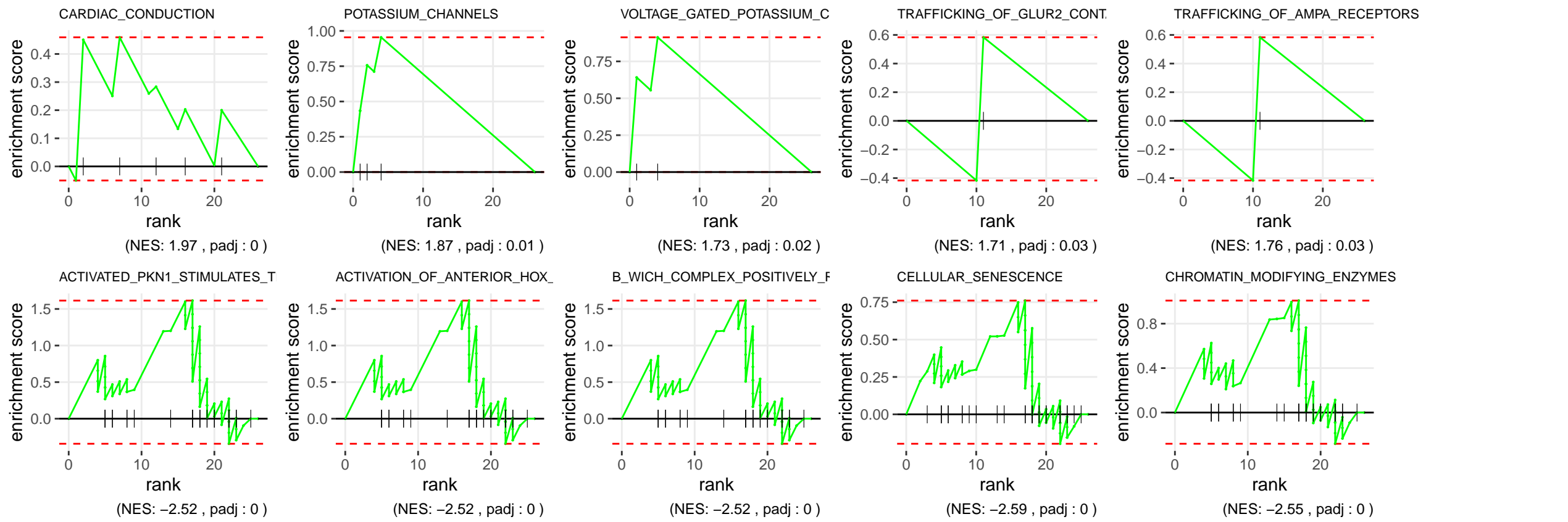
D0 ECs : Top enriched Pathways (GSEA), Old vs Young

	Pathway	Gene ranks	NES	pval	padj
	REACTOME_ABC_FAMILY_PROTEINS_MEDIATED_TRANSPORT		0.78	7.8e-01	9.8e-01
	REACTOME_ABC_TRANSPORTER_DISORDERS		0.70	7.7e-01	9.8e-01
	REACTOME_ACTIVATION_OF_AMPK_DOWNSTREAM_OF_NMDARS		1.40	2.2e-02	9.8e-01
	ACTIVATION_OF_ANTERIOR_HOX_GENES_IN_HINDBRAIN_DEVELOPMENT_DURING_EARLY_EMBRYOGENESIS		0.77	7.2e-01	9.8e-01
	REACTOME_ACTIVATION_OF_NMDA_RECEPTORS_AND_POSTSYNAPTIC_EVENTS		1.38	1.8e-02	9.8e-01
	REACTOME_ASPARAGINE_N_LINKED_GLYCOSYLATION		-1.09	3.7e-01	9.8e-01
	REACTOME_APOPTOSIS		-1.09	4.3e-01	9.8e-01
	REACTOME_ANTIGEN_PROCESSING_UBIQUITINATION_PROTEASOME_DEGRADATION		-1.13	3.3e-01	9.8e-01
	REACTOME_ANCHORING_FIBRIL_FORMATION		-1.14	3.9e-01	9.8e-01
	REACTOME_ADAPTIVE_IMMUNE_SYSTEM		-1.08	3.2e-01	9.8e-01
		05101520			



D0 FAPs : Top enriched Pathways (GSEA), Old vs Young

Pathway	Gene ranks	NES	pval	padj
REACTOME_CARDIAC_CONDUCTION		1.97	6.4e-04	4.4e-03
REACTOME_POTASSIUM_CHANNELS		1.87	7.5e-04	5.0e-03
REACTOME_VOLTAGE_GATED_POTASSIUM_CHANNELS		1.73	3.3e-03	1.9e-02
REACTOME_TRAFFICKING_OF_GLUR2_CONTAINING_AMPA_RECEPTORS		1.71	4.6e-03	2.6e-02
REACTOME_TRAFFICKING_OF_AMPA_RECEPTORS		1.76	5.0e-03	2.8e-02
REACTOME_CHROMATIN_MODIFYING_ENZYMES		-2.55	1.0e-10	1.7e-09
REACTOME_CELLULAR_SENESCENCE		-2.59	1.0e-10	1.7e-09
REACTOME_B_WICH_COMPLEX_POSITIVELY_REGULATES_RRNA_EXPRESSION		-2.52	1.0e-10	1.7e-09
ACTIVATION_OF_ANTERIOR_HOX_GENES_IN_HINDBRAIN_DEVELOPMENT_DURING_EARLY_EMBRYOGENESIS		-2.52	1.0e-10	1.7e-09
ACTIVATED_PKN1_STIMULATES_TRANSCRIPTION_OF_AR_ANDROGEN_RECEPTOR_REGULATED_GENES_KLK2_AND_KLK3		-2.52	1.0e-10	1.7e-09



D0 sCs : Top enriched Pathways (GSEA), Old vs Young

Pathway	Gene ranks	NES	pval	padj
REACTOME_CYTOCHROME_P450_ARRANGED_BY_SUBSTRATE_TYPE		2.08	7.9e-04	2.7e-02
REACTOME_PHASE_I_FUNCTIONALIZATION_OF_COMPOUNDS		2.11	3.7e-04	2.7e-02
REACTOME_BIOLOGICAL_OXIDATIONS		2.09	1.4e-03	4.1e-02
REACTOME_RA_BIOSYNTHESIS_PATHWAY		1.68	6.8e-03	8.9e-02
REACTOME_SIGNALING_BY_RETINOIC_ACID		1.73	1.6e-02	1.4e-01
REACTOME_GENE_SILENCING_BY_RNA		-2.01	7.3e-04	2.7e-02
REACTOME_FORMATION_OF_THE_BETA_CATENIN_TCF_TRANSACTIVATING_COMPLEX		-2.01	7.3e-04	2.7e-02
REACTOME_ERCC6_CSB_AND_EHMT2_G9A_POSITIVELY_REGULATE_RRNA_EXPRESSION		-2.01	7.3e-04	2.7e-02
REACTOME_DNA_METHYLATION		-2.01	7.3e-04	2.7e-02
ACTIVATED_PKN1_STIMULATES_TRANSCRIPTION_OF_AR_ANDROGEN_RECEPTOR_REGULATED_GENES_KLK2_AND_KLK3		-2.01	7.3e-04	2.7e-02

