

S6 Table. Pathways and interacting genes associated with the gene signature and prognostic features

	Name of pathway/Interacting genes
Pathways	Pathways in cancer PI3K-Akt signaling pathway Alzheimer disease Human cytomegalovirus infection Hepatitis C Breast cancer MAPK signaling pathway
Interacting genes	KRAS HRAS APP

APP, amyloid beta precursor protein; HRAS, HRAS proto-oncogene, GTPase; KRAS, KRAS proto-oncogene, GTPase; MAK, mitogen-activated protein kinase; PI3K, phosphoinositide 3-kinase.