



Supplementary figure 1: Overall survival curves of patients with STAD according to DOCK proteins via GEPIA database. DOCK1 (a), DOCK2 (b), DOCK3 (c), DOCK4 (d), DOCK5 (e), DOCK6 (f), DOCK7 (g), DOCK8 (h), DOCK10 (i). HR, hazard ratio.

Supplementary table 1 The alteration frequency of DOCK4 in stomach adenocarcinoma patients.

Cancer Study	Alteration Frequency	Alteration Type	Alteration Count
Gastric Cancer (OncoSG,2018)	0.680272	homdel	1
Gastric Cancer (OncoSG, 2018)	2.721088	amp	4
Gastric Cancer (OncoSG, 2018)	5.442177	mutated	8
Stomach Adenocarcinoma (TCGA, PanCancer Atlas)	0.227273	multiple	1
Stomach Adenocarcinoma (TCGA, PanCancer Atlas)	0.227273	homdel	1
Stomach Adenocarcinoma (TCGA, PanCancer Atlas)	1.590909	amp	7
Stomach Adenocarcinoma (TCGA, PanCancer Atlas)	6.363636	mutated	28
Stomach Adenocarcinoma (TCGA, Firehose Legacy)	0.225734	multiple	1
Stomach Adenocarcinoma (TCGA, Firehose Legacy)	0.225734	homdel	1
Stomach Adenocarcinoma (TCGA, Firehose Legacy)	1.805869	amp	8
Stomach Adenocarcinoma (TCGA, Firehose Legacy)	6.094808	mutated	27
Stomach Adenocarcinoma (TCGA, Nature 2014)	0.338983	multiple	1
Stomach Adenocarcinoma (TCGA, Nature 2014)	1.355932	amp	4
Stomach Adenocarcinoma (TCGA, Nature 2014)	6.101695	mutated	18
Stomach Adenocarcinoma (Pfizer and UHK, Nat Genet 2014)	6	mutated	6