

**Supplementary Table S2: Samples studied by next-generation RNA sequencing.**

<b>Sample</b>	<b>Type</b>	<b>Paired</b>	<b>Sample#</b>	<b>Description</b>
Tissue	Normal	Pair	2285N	Normal tissue from cancer patient
Tissue	Tumor	Pair	2285T	Tumor tissue
Tissue	Normal	Pair	3245N	Normal tissue from cancer patient
Tissue	Tumor	Pair	3245T	Tumor tissue
Tissue	"Normal-Normal"	Unpaired	2759NN	Normal tissue from <i>non</i> -cancer patient
Tissue	Tumor	Unpaired	2284T	Tumor tissue
Tissue	Tumor	Unpaired	2286T	Tumor tissue
Tissue	Tumor	Unpaired	2289T	Tumor tissue
Tissue	Tumor	Unpaired	G008T	Tumor tissue
Cell line	Normal	Unpaired	HFE145	Normal gastric cell line
Cell line	Tumor	Unpaired	NCI-N87	Gastric cancer cell line
Cell line	Tumor	Unpaired	MKN28	Gastric cancer cell line