

Table 1. The cell lines tested for the TNF-dependent secretion of KRS

KRS	Secretion	No secretion
Normal cell line		HEK293
		CV-1
		Cos-7
		Cos-1
		RAW264.7
Cancer cell line	SK-N-SH	SW480
	HCT116	A549
	DU145	HeLa
	MCF-7	THP-1

The cells were treated with TNF- α and TGF- β , and KRS secretion was determined as described in Methods. KRS, lysyl-tRNA synthetase; SK-N-SH, human neuroblastoma; HCT116, human colon carcinoma; DU145, human prostate carcinoma; MCF-7, human breast cancer; HEK293, human transformed primary embryonic kidney; CV-1, monkey kidney normal cell; Cos-7, monkey kidney sv40 transformed cell; Cos-1, monkey kidney sv40 transformed cell; RAW 264.7, mouse transformed macrophage; CHO, chinese hamster ovary normal cell; SW480, human colon adenocarcinoma; A549, human lung carcinoma; HeLa, human uterine adenocarcinoma; THP-1, human monocyte leukemia.