

Table S1. Comparison of the plasma levels of ARSs and cancer biomarkers between healthy controls and CRC patients

(pg/mL)	Healthy	CRC	<i>p</i> -value
AIMP1	1711±143.5	2600±68.32	< 0.0001
GARS1	561.2±137.3	535.5±39.08	< 0.05
HARS1	1574±290.1	1302±55.33	0.602
KARS1	775.6±232.8	5007±561.1	< 0.0001
WARS1	2345±276.2	2683±127.1	0.2304
TNF- α	142.5±20.01	113.6±5.092	0.196
IL-10	87.40±13.17	167.9±4.54	< 0.0001
CA 19-9	76.63±11.80	284.3±48.03	< 0.05
CEA	6941±664.2	11939±785.8	0.0676

mean \pm SEM, CA 19-9 unit: U/mL, SEM, Standard error of the mean; CRC, Colorectal cancer; AIMP1, Aminoacyl tRNA synthetase-interacting multifunctional protein 1; GARS1, Glycyl-tRNA synthetase 1; HARS1, Histidyl-tRNA synthetase 1; KARS1, Lysyl-tRNA synthetase 1; WARS1, Tryptophanyl-tRNA synthetase 1; TNF, tumor necrosis factor; IL, Interleukin; CEA, Carcinoembryonic antigen; *p* values were calculated using the Mann-Whitney U test. * *p* < 0.05, ** *p* < 0.0001.