

Table S2. RNase A-digested fragment of *L. casei* tRNA^{Val}

Products	Positions	Detected ions	Theoretical masses (Da), positive mode
Cp	13, 28, 32, 48, 56, 61, 62, 68, 69, 71, 72, 75	n.m.	324.1
Up	12,17,29,33, 34,35,63,70,	n.m.	325.0
A	76	n.m.	348.1
ACp	35-36, 49-50, 73-74	n.m.	653.1
AUp	66-67	n.m.	654.1
GCp	30-31	n.m.	669.1
GUp	26-27,64-65	n.m.	670.1
AGCp	9-11	998.4	998.2
AGUp	14-16	999.4	999.1
UAGCp + (O -> S)	8-11	1321.5	1320.2
AAGCp + CH ₃	37-40	1341.5	1341.2
GAGCp	57-60	1343.5	1343.2
AGGUp +CH ₃	51-54	1358.5	1358.2
AGAGGGUp + CH ₃	41-47	2377.8	2377.3
pGGAGGAUp	1-7	2443.8	2443.3
GGGAGAGCp	18-25	2707.9	2707.4