

Table S1. RNase T1-digested fragment of *L. casei* tRNA^{Val}

Products	Positions	Detected ions	Theoretical masses (Da), positive mode
Gp	2, 5, 19, 20, 45,	n.m.	364.1
pGp	1	n.m.	444.0
CGp	25-26	n.m.	669.1
AGp	3-4, 21-22, 23-24, 43-44, 58-59	n.m.	693.1
UUGp + 2H	16-18	978.3	978.1
CAGp	40-42	998.3	998.2
UCUGp	27-30	1281.4	1281.1
UUCGp + Me	54-57	1295.4	1295.2
CCCUGp	60-64	1585.5	1585.2
CUCAGp	11-15	1609.5	1609.2
AUUAGp	6-10	1634.5	1634.2
AUUAGp (O -> S)	6-10	1650.5	1650.2
GUCACAGp + CH ₃	46-52	2297.7	2297.3
CCUUACAAGp +CH ₃	31-39	2892.8	2892.4
UAUCCUCCACCA	65-76	3675.2	3674.5