



Supplementary Figure 8. Normal deacylation of Ala-tRNA^{Ala} by A734E AlaRS. Deacylation of [³H]-Ala-tRNA^{Ala} (6.2 μM) by human (a) or mouse (b) AlaRS (8 nM) at 26 °C (pH 7.5). Reactions were quenched and tRNA precipitated in 200 μl 5 % TCA (0.1% BSA) in PVDF MultiScreen filter plates. Scintillation counting was performed on the filtrate containing the liberated amino acid.