



Fig. S2 [¹⁴C]FAMT transport by amino acid transporters for small neutral amino acids.

The uptakes of 50 μM [¹⁴C]FAMT (FAMT), L-[¹⁴C]methionine (Met) and a typical substrate L-[¹⁴C]alanine (Ala) for ASCT1 (*A*), ASCT2 (*B*), SNAT1 (*C*), SNAT2 (*D*) and SNAT4 (*F*), and the uptakes of 50 μM [¹⁴C]FAMT (FAMT) and L-[¹⁴C]methionine (Met) and a typical substrate L-[¹⁴C]glutamine (Gln) for SNAT3 (*E*) and SNAT5 (*G*) were measured on the control oocytes (“-”) and the oocytes expressing each transporter (“+”) in ND96 solution. The uptakes were measured for 30 min for SNAT5 and for 15 min for the others. The uptake rates were expressed as mean ± SEM (n = 5–10). *, *p* < 0.05; n.s., not significant.