

	sorbitol	sorbitol + 1mM glucose	sorbitol + 60mM glucose
	rel. ab ± sd [%]	rel. ab ± sd [%]	rel. ab ± sd [%]
Plasma membrane	3.773 ± 0.648	4.100 ± 0.618	3.482 ± 0.786
Membrane bound mitochondrial	4.199 ± 1.020	5.279 ± 0.952	4.420 ± 0.730
Membrane bound ER	2.334 ± 0.555	2.287 ± 0.295	1.952 ± 0.290
Membrane bound golgi	0.225 ± 0.058	0.140 ± 0.011	0.125 ± 0.019
Membrane bound vacuolar	0.128 ± 0.048	0.172 ± 0.012	0.190 ± 0.023
Membrane bound lysosomal	0.027 ± 0.003	0.011 ± 0.001	0.010 ± 0.007
Membrane bound extracellular (secreted)	0.009 ± 0.002	0.038 ± 0.011	0.145 ± 0.084
Mitochondrial - with targeting sequence	2.723 ± 0.582	3.389 ± 0.453	3.171 ± 0.627
Mitochondrial - no targeting sequence	0.025 ± 0.009	0 ± 0	0.015 ± 0.007
Endoplasmatic reticulum (ER)	0.011 ± 0.007	0 ± 0	0 ± 0
Golgi	0.028 ± 0.006	0.017 ± 0.001	0.026 ± 0.006
Nuclear	0.079 ± 0.019	0.020 ± 0.009	0.088 ± 0.016
Cytoplasmic	0.076 ± 0.011	0.030 ± 0.007	0.079 ± 0.018
Extracellular (secreted)	0.119 ± 0.038	0.076 ± 0.042	0.079 ± 0.042