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| **Intra-vesicular [K+]** | ***V*max ± s.e.m.**  **(% of *V*max in intra-vesicular NMDG+)** | ***K*m ± s.e.m.**  **(mM)** | **R2** | **N** |
| 0 | 93 ± 20 | 4.07 ± 1.85 | 0.87 | 3 |
| 50 | 118 ± 27 | 3.55 ± 1.85 | 0.83 | 3 |
| 100 | 120 ± 18 | 2.71 ± 1.06 | 0.89 | 3 |
| 150 | 134 ± 12 | 2.64 ± 0.61 | 0.96 | 3 |
| 200 | 179 ± 13 | 1.84 ± 0.40 | 0.96 | 3 |
| **Figure 3 - Supplementary table 3.**  **[3H]alanine uptake by LeuT into proteoliposomes with increasing intra-vesicular [K+]** Constants from [3H]alanine-dependent uptake into proteoliposomes with LeuT containing increasing intra-vesicular [K+] fitted to Michaelis-Menten kinetics in GraphPad Prism 9.0 (see Figure 3 – Figure supplement 1B). | | | | |