|  |  |  |  |
| --- | --- | --- | --- |
| **Family** | **Transporter** | **Reported** | **Ref** |
| Vesicular glutamate transporter | SLC17A6 (VGLUT2) | Yes | Known vesicular transporters |
| SLC17A7 (VGLUT1) | Yes |
| SLC17A8 (VGLUT3) | Yes |
| Vesicular amine transporter  | SLC18A2 (VMAT2) | Yes |
| SLC18A3 (VAChT) | Yes |
| Vesicular inhibitory amino acid transporter | SLC32A1 (VGAT) | Yes |
| Zinc efflux family | SLC30A3 (ZNT3) | Yes | (Palmiter et al., 1996) |
| Facilitative GLUT transporter | SLC2A3 | Yes | (Gronborg et al., 2010) |
| SLC2A13 | Yes | (Takamori et al., 2006) |
| Cationic amino acid transporter/glycoprotein-associated | SLC7A14 | Yes | (Takamori et al., 2006) |
| Na+/Ca2+ exchanger | SLC8A1 | Yes | (Gronborg et al., 2010) |
| SLC8A2 | Yes | (Gronborg et al., 2010) |
| Na+/H+ exchanger | SLC9A7 | Transport activity reported | (Goh et al., 2011) |
| Sodium- and chloride-dependent neurotransmitter transporter | SLC6A7 | Yes | (Renick et al., 1999) |
| SLC6A17 | Yes | (Parra et al., 2008)(Zaia and Reimer, 2009). |
| SLC6A1 | No | 　 |
| Heavy subunits of the heteromeric amino acid transporter | SLC3A2 | No | 　 |
| Bicarbonate transporter | SLC4A10 | No | 　 |
| Sodium glucose cotransporter  | SLC5A7 | No | 　 |
| Electroneutral cation-coupled Cl cotransporter | SLC12A7 | No | 　 |
| SLC12A6 | No | 　 |
| SLC12A9 | No | 　 |
| Type III Na+-phosphate cotransporter | SLC20A2 | No | 　 |
| Organic cation/anion/zwitterion transporter | SLC22A17 | No | 　 |
| Nucleoside-sugar transporter | SLC35D3 | No | 　 |
| SLC35F1 | No | 　 |
| SLC35G2 | No | 　 |

**Supplementary File 2. SLC transporters enriched in immunoisolated synaptic vesicles (related to Figure 2)**