

Table 1 | **Characteristics of the vesicle pools**

Pool	Readily releasable pool (RRP)	Recycling pool	Reserve pool
Size (% of all vesicles)	~1–2%	~10–20%	~80–90%
Location	Docked	Scattered	Scattered (bulk of vesicle cluster)
Released within	<1 second	A few seconds	Tens of seconds, minutes
Recycling	Fast (seconds)	Fast (seconds)	Slow (minutes)
Mixing with other pools	Fast mixing with recycling vesicles	Slow mixing with reserve	Slow mixing with other vesicles
Mobility in resting terminals	None — docked	High	Low (high in bipolar cells)