Brain region & neuronal type	Firing rate	Reference
VTA DA neurons	~ 4 - 6 Hz	*Cheer et al. (2003); *Ungless et al. (2004); *Li et al. (2012); *Tolu et al. (2013); *Tian et al. (2016); *Stauffer et al. (2016)
VTA GABA neurons	~ 12 - 17 Hz	<sup>+</sup> Steffensen et al. (1998); <sup>+</sup> Steffensen et al. (2008); <sup>+</sup> Steffensen et al. (2009); <sup>+</sup> Cohen et al. (2012); <sup>+</sup> Tolu et al. (2013)
DRN 5-HT neurons	~ 3 - 5 Hz	†Allers & Sharp (2003); *Judge & Gartside (2006); †Hajós et al. (2007); †Ranade & Mainen (2009); †Cohen et al. (2015); †Li et al. (2016); *Milnar et al. (2016); *Srejic et al. (2016)
DRN GABA neurons	~ 15 - 25 Hz	<sup>+</sup> Allers & Sharp (2003); <sup>+</sup> Sakai (2011); <sup>+</sup> Challis et al. (2013); <sup>+</sup> Li et al. (2016); *Hernández- Vázquez et al. (2018)
DRN Glu neurons	~ 3 - 5 Hz	<sup>+</sup> Taylor et al. (2019)