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| *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 | +Steffensen et al. (1998); +Steffensen et al. (2008); +Steffensen et al. (2009); +Cohen et al. (2012); +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 | +Allers & Sharp (2003); +Sakai (2011); +Challis et al. (2013); +Li et al. (2016); \*Hernández-Vázquez et al. (2018) |
| DRN Glu neurons | ~ 3 - 5 Hz | +Taylor et al. (2019) |