**Supplementary Table S7. Brain Circuitry Regions Involved in the Regulation of Feeding and Eating Identified Through Optogenetics and Chemogenetics.**

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| --- | --- | --- |
| Brain Region | Nuclei involved in feeding and eating  | Source |
| Hypothalamic nuclei  | Arcuate nucleus | Aponte, Atasoy, & Sternson, 2011; Betley, Cao, Ritola, & Sternson, 2013; Denis et al., 2015; Kim et al., 2015; Krashes et al., 2011 |
| Paraventricular nucleus  | Aponte, Atasoy, & Sternson, 2011; Betley, Cao, Ritola, & Sternson, 2013; Denis et al., 2015; Kim et al., 2015; Krashes et al., 2011 |
| Lateral hypothalamus through the ventral tegmental area | Barbano, Wang, Morales, Wise, 2016; Betley et al., 2013; Broberger, Johansen, Schalling, & Hökfelt, 1997; Jennings et al., 2015; Nieh et al., 2015; Nilsson et al., 2011; Nilsson, Lindfors, Schalling, Hökfelt, & Johansen, 2013; Stuber & Wise, 2016 |
| Hindbrain  | Parabrachial nucleus  | Carter et al., 2013; Wu, Clark, & Palmiter, 2012 |
| Nucleus of the solitary tract  | Wang et al., 2015; Wu et al., 2012 |
| Amygdala | Amygdala central nucleus  | Cai, Haubensak, Anthony, & Anderson, 2014; Carter, Soden, Zweifel, & Palmiter, 2013 |

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