**Supplementary Table 1.** Table of regions included in Fos network analysis.

| Region of interest (ROI)                              | Abbreviation | Atlas location* |
|------------------------------------------------------|--------------|-----------------|
| Agranular insular cortex                            | AI           | -1.80           |
| Anterior Hypothalamic area                          | AH           | -1.80           |
| Basolateral amygdaloid nucleus, anterior             | BLA          | -3.30           |
| Basolateral amygdaloid nucleus, posterior            | BLP          | -3.30           |
| Basomedial amygdaloid nucleus, posterior             | BMA          | -2.30           |
| Bed nucleus of the stria terminalis, dorsal          | BSTd         | -0.30           |
| Bed nucleus of the stria terminalis, ventral         | BSTv         | -0.30           |
| Central amygdaloid nucleus, medial                  | CeM          | -3.30           |
| Central amygdaloid nucleus, lateral                 | CeL          | -3.30           |
| Cingulate cortex                                     | Cg1          | +2.20           |
| Dysgranular insular cortex                           | DI           | -1.80           |
| Granular insular cortex                             | GI           | -1.80           |
| Infralimbic cortex                                   | IL           | +2.20           |
| Lateral amygdala                                     | La           | -3.30           |
| Lateral hypothalamic area                            | LH           | -1.80           |
| Lateral septum                                       | LS           | -0.30           |
| Medial amygdaloid nucleus, anterior                  | MeA          | -2.30           |
| Medial amygdaloid nucleus, posterior                 | MeP          | -3.30           |
| Medial preoptic nucleus                              | MPO          | -0.30           |
| Nucleus accumbens core                               | AcbC         | +2.20           |
| Nucleus accumbens shell                              | AcbSh        | +2.20           |
| Paraventricular nucleus of the hypothalamus         | PVN          | -3.30           |
| Periaqueductal gray, dorsal                          | PAGd         | -7.04           |
| Periaqueductal gray, ventral lateral                 | PAGvl        | -7.04           |
| Periaqueductal gray, lateral                         | PAGl         | -7.04           |
| Piriform cortex                                      | Pir          | -1.80           |
| Prelimbic cortex                                     | PL           | +2.20           |
| Reuniens thalamic nucleus                            | Re           | -3.30           |
| Ventromedial hypothalamus                            | VMH          | -2.30           |

*Distance from Bregma in mm.