Suppl. Table 2

VPm gene markers and their expression in retromamillary (RM), subthalamic nucleus (STh) and/or dorsal premamillary nucleus (DPM) at E13.5, E15.5, 18.5 and P14, according to Allen Developing Mouse Brain Atlas hybridization *in situ* data.

| Gene   | RM E13.5 | RM E15.5 | RM E18.5 | RM P14 | VPM E15.5 | VPM E18.5 | VPM P14 | STh complex E15.5 | STh complex E18.5 | STh complex P14 | DPM E15.5 | DPM E18.5 | DPM P14 |
|--------|----------|----------|----------|--------|-----------|-----------|--------|-------------------|-------------------|-----------------|-----------|-----------|--------|
| Alcam  | X        | X        | X        | X      | X         | X         | X      | X                 | X                 | X               | X         | X         | X      |
| Ar     | X        |          |          |        |           |           |        |                   |                   |                 |           |           |        |
| Bcl11a | X        | X        | X        | X      | X         | X         | X      | X                 | X                 | X               | X         | X         | X      |
| Calb2  | X        | X        | X        | X      | X         | X         | X      | X                 | X                 | X               | X         | X         | X      |
| Foxal1 | X        | X        | X        | X      | X         | X         | X      |                   |                   |                 | X         | X         | X      |
| Foxp1  | X        |          |          |        |           |           |        |                   |                   |                 |           |           |        |
| Foxp2  | X        | X        | X        | X      | X         | X         | X      |                   |                   |                 | X         | X         | X      |
| Grik2  | X        | X        | X        | X      | X         | X         | X      |                   |                   |                 | X         | X         | X      |
| Irs4   | X        | X        | X        | X      |           |           |        |                   |                   |                 |           |           |        |
| Irs1   | X        | X        | X        | X      |           |           |        |                   |                   |                 |           |           |        |
| Irs3   | X        | X        | X        | X      |           |           |        |                   |                   |                 |           |           |        |
| Irs5   | X        | X        | X        | X      |           |           |        |                   |                   |                 |           |           |        |
| LepR   | X        |          |          |        |           |           |        |                   |                   |                 |           |           |        |
| Lmx1a  | X        | X        | X        | X      | X         | X         | X      | X                 | X                 | X               | X         | X         | X      |
| Lmx1b  | X        | X        | X        | X      | X         | X         | X      |                   |                   |                 |           |           |        |
| Nos1   | X        | X        | X        | X      | X         | X         | X      |                   |                   |                 | X         | X         | X      |
| Nr4a2  | X        | X        | X        | X      | X         | X         | X      |                   |                   |                 | X         | X         | X      |
| Pbx3   | X        | X        | X        | X      | X         | X         | X      |                   |                   |                 |           |           |        |
| Pknox2 | X        | X        | X        | X      |           |           |        |                   |                   |                 |           |           |        |
| Slc6a3 | X        |          |          |        |           |           |        |                   |                   |                 |           |           |        |
| Tac1   | X        | X        | X        | X      | X         | X         | X      |                   |                   |                 |           |           |        |