## Supplementary Table 2. Correlation matrix of neuroinflammatory markers (pnd 120) with behaviors

|           |                         |         | pnd 28   |         |                 |                         |                     |
|-----------|-------------------------|---------|----------|---------|-----------------|-------------------------|---------------------|
|           |                         |         | ι        | 1       |                 |                         |                     |
|           |                         | ARG1 HP | TNF-α CB | IL-6 CB | Social behavior | Spontaneous alternation | Prepulse inhibition |
|           | ARG1 HP                 |         | 826      | 517     | .578            | .472                    | .283                |
| pnd 120 - | TNF-α CB                | 826     |          | .582    | 641             | 493                     | 514                 |
|           | IL-6 CB                 | 517     | .582     |         | 484             | 316                     | 439                 |
|           | Social behavior         | .578    | 641      | 484     |                 | .796                    | .161                |
|           | Spontaneous alternation | .472    | 493      | 316     | .796            |                         | .171                |
|           | Prepulse inhibition     | .283    | 514      | 439     | .161            | .171                    |                     |

<sup>16</sup> observations were used in this computation; pnd = post-natal day; HP = hippocampus; CB = cerebellum.

Values in bold are a significance level alpha < 0.05.