| Region                  | Both | HC | FRDA | HC vs FRDA                      |
|-------------------------|------|----|------|---------------------------------|
| Frontal L               | 5    | 5  | 4    | HC: 2 ; FRDA: 1;                |
| Frontal R               | 4    | 2  | 2    | HC: 2 ; FRDA: 2;                |
| Insula L                | 3    | 1  |      | HC: 1                           |
| Insula R                | 2    |    |      |                                 |
| Occipital L             | 1    |    |      | FRDA: 1                         |
| Occipital R             | 1    |    |      |                                 |
| Parietal L              | 2    | 1  | 2    | FRDA: 2 ; HC: 1;                |
| Parietal R              | 3    |    | 1    | FRDA: 3 ; HC: 1;                |
| Caudate L               | 1    |    |      | FRDA: 1                         |
| Caudate R               | 1    |    |      | FRDA: 1                         |
| Putamen L               | 1    |    |      | HC: 1                           |
| Putamen R               | 1    |    | 2    | FRDA: 1                         |
| Pallidum L              |      |    |      |                                 |
| Pallidum R              | 1    | 1  |      | FRDA: 1                         |
| Thalamus L              | 2    |    |      | HC: 1                           |
| Thalamus R              |      |    |      |                                 |
| Temporal L              |      |    | FRDA: 1 |                                |
| Temporal R              | 3    |    |      | HC: 1 ; FRDA: 1;                |
| Cerebellum Crus1 L      | 1    | 2  |      | FRDA: 1                         |
| Cerebellum Crus1 R      | 1    | 1  |      | HC: 1 ; FRDA: 2;                |
| Cerebellum Crus2 L      |      |    |      |                                 |
| Cerebellum Crus2 R      |      |    |      | FRDA: 1                         |
| Cerebellum 3 L          |      |    |      |                                 |
| Cerebellum 3 R          |      |    |      | HC: 1                           |
| Cerebellum 4 5 L        | 3    |    |      | FRDA: 1 ; HC: 1;                |
| Cerebellum 4 5 R        | 5    | 2  |      | HC: 3                           |
| Cerebellum 6 L          | 4    |    |      | HC: 2 ; FRDA: 1;                |
| Cerebellum 6 R          | 4    | 2  |      | HC: 4                           |
| Cerebellum 7b L         | 1    | 1  | 1    | HC: 1                           |
| Cerebellum 7b R         | 2    |    |      |                                 |
| Cerebellum 8 L          | 3    | 1  | 2    | FRDA: 1 ; HC: 1;                |
| Cerebellum 8 R          | 5    | 2  |      | HC: 1                           |
| Cerebellum 9 L          | 1    | 1  |      |                                 |
| Cerebellum 9 R          |      |    |      |                                 |
| Cerebellum 10 L         |      |    | 1    |                                 |
| Vermis 4 5              | 1    | 1  |      | HC: 1                           |

Column HC vs FRDA: FRDA values means number of papers that report higher activation in FRDA than HC; HC values means number of papers that report higher activation in HC than in FRDA. Number stands for number of papers that reported the data/area.
Number stands for number of papers that reported the data/area.
HC: means HC higher than FRDA and FRDA lower than HC
FRDA: means FRDA higher than HC and HC lower than FRDA