

**SUPPLEMENTARY TABLE 1A: THE CONSERVATION OF CEREBELLAR ZONAL ARCHITECTURE**

The basic architecture of the cerebellum starts with an array of transverse zones. This structure is seen in numerous mammals and birds.

- Rabbit <sup>1</sup>
- Cat <sup>2</sup>
- Tenrec <sup>3</sup>
- Rat <sup>4</sup>
- Hamster <sup>5</sup>
- Guinea pig <sup>6</sup>
- Opossum <sup>7</sup>
- Tupaia* <sup>8</sup>
- Macaque <sup>8,9,10</sup>
- Bat <sup>11</sup>
- Pigeon <sup>17</sup>
- Hummingbird <sup>18</sup>
- Mouse <sup>12</sup>

Naturally-occurring mouse mutants with zonally-restricted phenotypes include:

- meander tail* <sup>13</sup>
- rostral cerebellar malformation* <sup>14</sup>
- weaver* <sup>15</sup>
- cerebellar deficient folia* <sup>16</sup>

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**SUPPLEMENTARY TABLE 1B: THE CONSERVATION OF CEREBELLAR MODULES**

Cerebellar modules are remarkably similar in anatomical and physiological organization in a range of mammalian species. See for example:

<b>Modules in:</b>	paravermis and hemisphere	Flocculus
<b>Species</b>	rat <sup>19,20</sup> ; ferret, <sup>21</sup> cat <sup>22,23</sup> ,	monkey <sup>24</sup> ; rabbit <sup>25</sup> , mouse <sup>26</sup> , rat <sup>27</sup> rabbit <sup>28</sup>

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