

**Additional File 2: Table S1. Ciliated Cell-associated Genes**

| <b>Gene symbol</b> | <b>Gene name</b>                             | <b>Function</b>   | <b>References</b> |
|--------------------|--|---|-------------------|
| CETN2              | Centrin 2                                    | Ca <sup>2+</sup> -binding protein, component of centrioles        | [1-3]             |
| DNALI1             | Dynein, axonemal, light intermediate chain 1 | Component of dynein arms  | [3-5]             |
| DNAH11             | Dynein, axonemal, heavy chain 11             | Component of dynein arms  | [4]               |
| DNAI1              | Dynein, axonemal, intermediate chain 1       | Component of dynein arms  | [4-6]             |
| EFHC1              | EF-hand domain (C-terminal) containing 1     | Ca <sup>2+</sup> -binding protein, abundant in cilia and flagella | [1,3,5]           |
| SPAG6              | Sperm associated antigen 6                   | Component of central pair complex                                 | [3,6,7]           |
| TEKT1              | Tektin 1                                     | Component of cilia microtubules                                   | [1,5,8]           |
| TEKT2              | Tektin 2                                     | Component of cilia microtubules                                   | [5,6,8]           |
| TUBA1A             | Tubulin, alpha 1A                            | Component of cilia microtubules                                   | [3]               |

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