**Supporting Information**

**dbAQP-SNP: A database of missense single nucleotide polymorphisms in human aquaporins**

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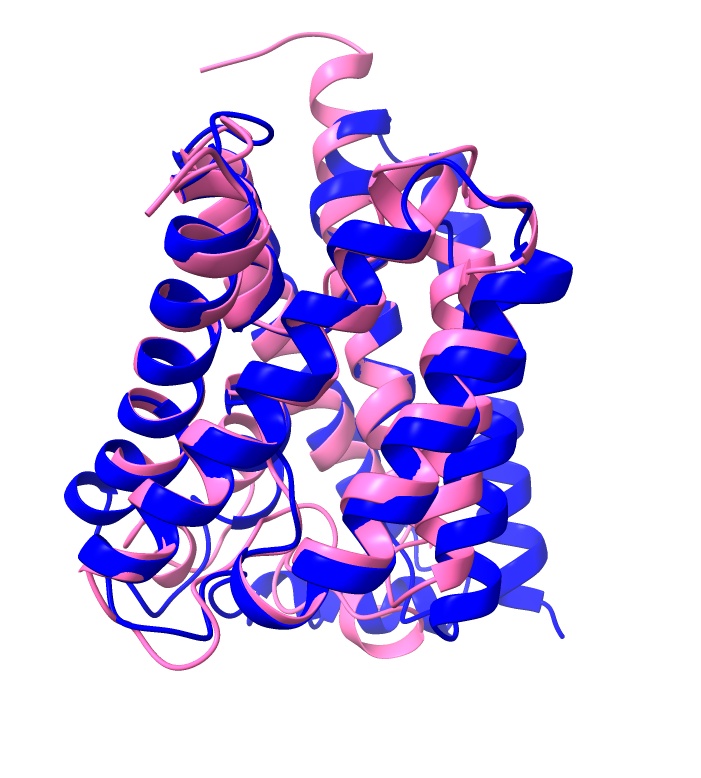
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**Table S1:** Accession IDs of reference sequences of human aquaporin homologs

|  |  |  |
| --- | --- | --- |
| Human AQP homolog | RefSeq ID of mRNA | RefSeq ID of protein |
| AQP0 | NM 012064.3 | NP 036196.1 |
| AQP1 | NM 198098.3 | NP 932766.1 |
| AQP2 | NM 000486.5 | NP 000477.1 |
| AQP3 | NM 004925.4 | NP 004916.1 |
| AQP4 | NM 001650.6 | NP 001641.1 |
| AQP5 | NM 001651.3 | NP 001642.1 |
| AQP6 | NM 001652.3 | NP 001643.2 |
| AQP7 | NM 001170.2 | NP 001161.1 |
| AQP8 | NM 001169.2 | NP 001160.2 |
| AQP9 | NM 020980.4 | NP 066190.2 |
| AQP10 | NM 080429.2 | NP 536354.2 |
| AQP11 | NM 173039.2 | NP 766627.1 |
| AQP12 | NM 198998.2 | NP 945349.1 |

**Figure S1**

**Figure S1**: Superposition of models derived from AlphaFold (<https://alphafold.ebi.ac.uk>) [1,2] and downloaded from MIPModDB database (<http://bioinfo.iitk.ac.in/MIPModDB>) [3] shown for (left) AQP11 (right) AQP12 proteins. The structures predicted from AlphaFold are shown in blue for both AQP11 and AQP12. The structures downloaded from MIPModDB are shown in green and pink colors for AQP11 and AQP12 respectively. The molecular plots were rendered using ChimeraX (<https://www.cgl.ucsf.edu/chimerax/>) [4].

[1] Jumper et al., *Nature* **596**, 583-589 (2021)

[2] Varadi et al., *Nucleic Acids Res*. **50**, D439-D444 (2022)

[3] Gupta et al., *Nucleic Acids Res*. **40**, D362-D369 (2012)

[4] Pettersen et al., *Protein Sci*. **30**, 70-82 (2021)