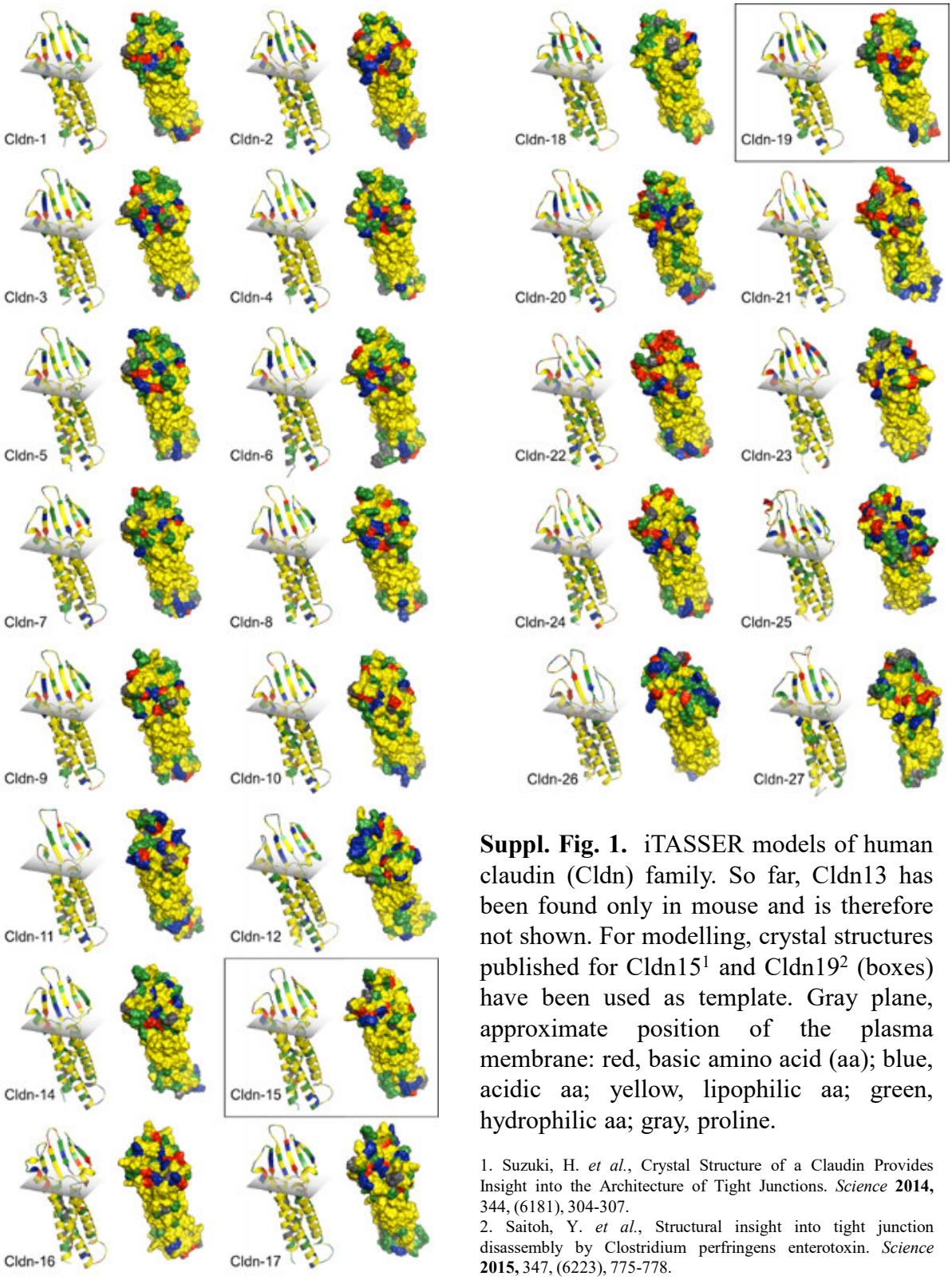

Suppl. Fig. 1. iTASSER models of human claudin (Cldn) family. So far, Cldn13 has been found only in mouse and is therefore not shown. For modelling, crystal structures published for Cldn15[1] and Cldn19[2] (boxes) have been used as template. Gray plane, approximate position of the plasma membrane: red, basic amino acid (aa); blue, acidic aa; yellow, lipophilic aa; green, hydrophilic aa; gray, proline.

1. Suzuki, H. *et al.*, Crystal Structure of a Claudin Provides Insight into the Architecture of Tight Junctions. *Science* **2014,** 344, (6181), 304-307.
2. Saitoh, Y. *et al.*, Structural insight into tight junction disassembly by Clostridium perfringens enterotoxin. *Science* **2015,** 347, (6223), 775-778.

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