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Project: Structural mechanisms of gating in mammalian bestrophin channels

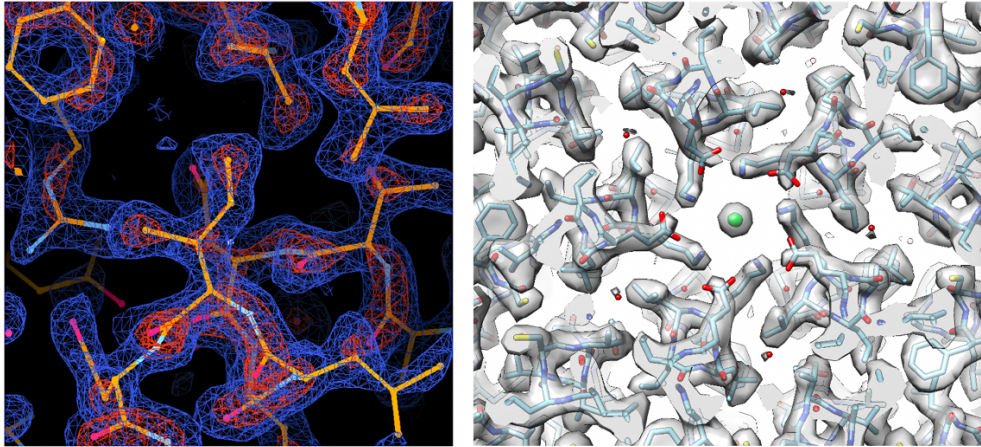


Fig 1. Left, 2,000 micrographs enables a 1.9 Å reconstruction of the constitutively open gain-of-function patient mutation in bBest2, with EM map shown at two different contour levels. Right, <300 micrographs yields a 2.2 Å reconstruction of bBest2 in Cl-free buffer containing an alternative anion.

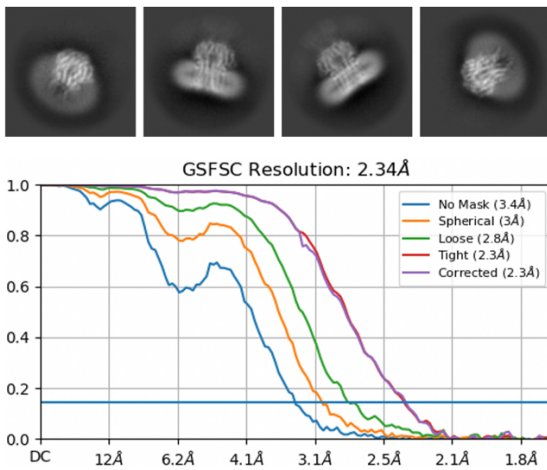


Fig 2. Example 2D classes and fsc curve for a human Bestrophin obtained from ~550 micrographs on krios with K3 detector using standard collection parameters.