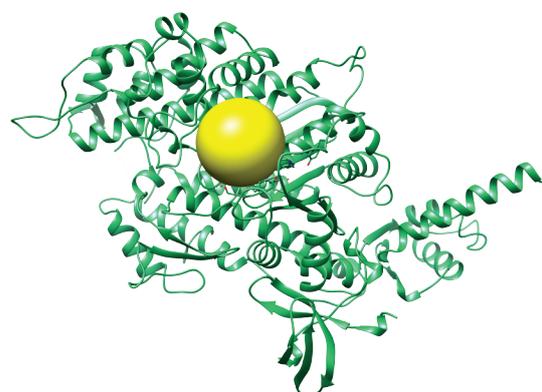


# Figure 2 - Figure supplement 1

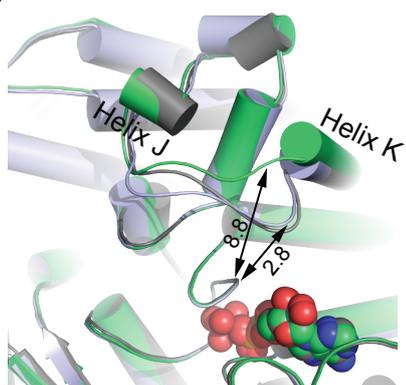
A

|    |             |      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
|----|-------------|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|--|
| Hs | NM2C        | 514E | H | Y | R | F | L | T | N | - | G | P | S | S | S | P | G | Q | * | E | R | E | L | F |  |  |
| Hs | NM2A        |      | K | Y | R | F | L | S | N | - | G | H | V | T | I | P | G | Q | D | K | D | M | F |   |  |  |
| Hs | NM2B        | 4PD3 | N | Y | R | F | L | S | N | - | G | Y | I | P | I | P | G | Q | D | K | D | N | F |   |  |  |
| Gg | SM          | 1BR4 | N | Y | T | F | L | S | N | - | G | H | V | P | I | P | A | Q | D | D | E | M | F |   |  |  |
| Hs | CARD        | 4DB1 | D | Y | A | F | I | S | Q | - | G | E | T | V | A | S | I | D | D | A | E | E | L |   |  |  |
| Ai | ST          | 1DFL | L | Y | S | F | I | N | Q | - | G | C | L | T | V | D | N | I | D | D | V | E | E | F |  |  |
| Dd | NM2         | 2XEL | S | F | N | Y | L | N | Q | S | G | C | V | D | I | K | G | V | S | D | S | E | E | F |  |  |
|    |             |      |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| Dm | EMB/exon 7a |      | D | Y | H | I | V | S | Q | - | G | K | V | T | V | A | S | I | D | D | A | E | E | F |  |  |
| Dm | IF1/exon 7d |      | D | Y | Y | N | V | S | Q | - | G | K | V | T | V | P | N | M | D | D | G | E | E | F |  |  |

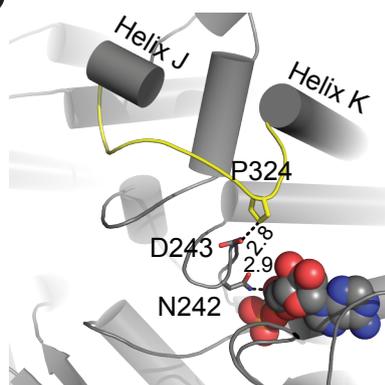
D



B



C



E

