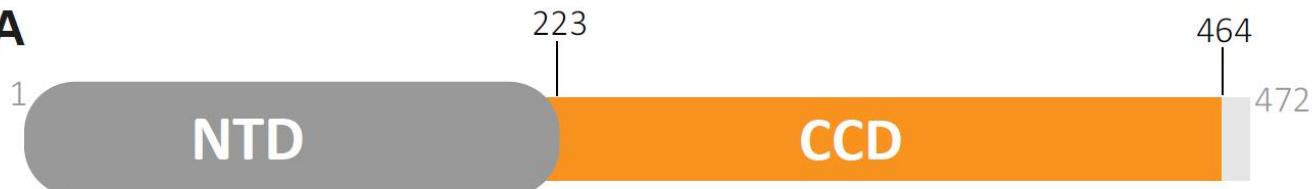


Figure 3 – figure supplement 4

A



B

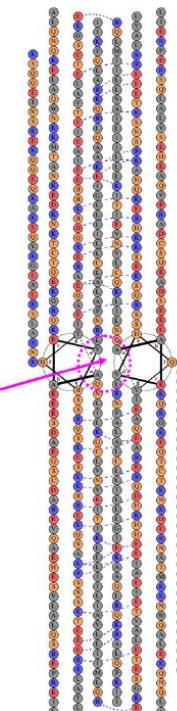
DmSas6-CCD

223AAEVHQYQEKL SKINEQRSNE LERNRRAI
SGFQAQLDKASLE KAE LKSAQE QAEKRCQTL
SEELSCCKARVCTLKEQNDKLHGDVANIRKH
ERKLEYKIEDLKQHT VELQEH IQKG NKEKAN
IAAELEAEKKILH LTKRQALEMASEE ISKANQ
IIVKQSQELLNLKKT IAWRTEVALQQEKAVQ
AKESLLSLRENE LREARITIEKLREEIPQQL
QSMRNFAQGL EOKYSKQILILKERLAI⁴⁶⁴

M440 L447

Heptad repeat

223abcdefg abcdefg abcdefg abcdefg abcde
bcd ef gabc defg abc defg abc defg abc
efg abc defg abc defg abc defg abc
abcdefg abc defg abc defg abc defg abc
defg abc defg abc defg abc defg abc
gabc defg abc defg abc defg abc defg ab
cdefg abc defg abc defg abc defg abc de
fq abc defg abc defg abc defg abc cd⁴⁶⁴



CCD

CCD

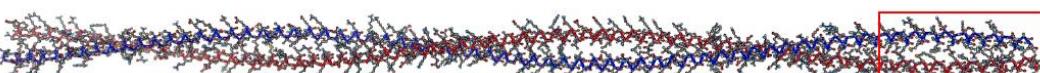
L447 M440

Coiled coil interface

C

DmSas6-CCD (aa223-464)

AAEVHQYQEKL SKINEQRSNE LERNRRAI SGFQAQLDKASLE KAE LKSAQE QAEKRCQTL SEELSCCKARVCTLKEQNDKLHG
DVANIRKHERKLEYKIEDLKQHT VELQEH IQKG NKEKAN IAAELEAEKKILH LTKRQALEMASEE ISKANQ IIVKQSQELLNLK
KTIAWRTEVALQQEKAVQAKESLLSLRENE LREARITIEKLREEIPQQLQSMRNFAQGL EOKYSKQILILKERLAI



Sequence	BUDE energy
M440/L447	-724
M440A	-717
L447A	-714

