

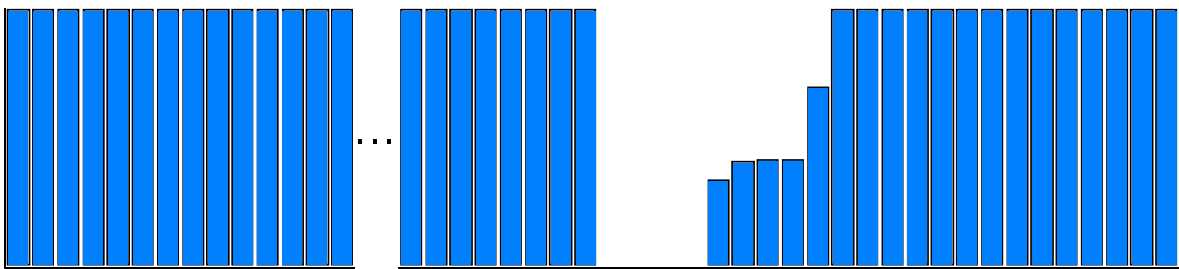
# αC helix

# activation loop

	*	DFG		*	APE
CpCDPK2	VDRFKQEIEIMKSL...	DFGLAARF	- - - -	KPGKM	MMRTKVGTPYYVSPQ
PfCDPK5	IERLKREILIMKQM...	DWGFASKC	- - - -	MNNHN	LKSVVGTPYYIAPE
HsMAPK3-ERK1	CQRTLREIQILLRF...	DFGLARI A	DPEHD	HTGF	LTEYVATRWRAP E
HsMAPK8-JNK1-α2	AKRAYRELVLKCV...	DFGLART A	- - - -	GTSFM	MTPYVVTRYR APE
HsMAPK14-p38	AKRTYRELRLLKHM...	DFGLAR	- - - -	HTDDE	MTGYVATRWRAP E

TxY

GUIDANCE SCORE



**Legend:**

9	8	7	6	5	4	3	2	1																			
Confident									<-->	Uncertain									Insufficient Data								