

**Suppl. Fig. 3**

Human	I SRKPEGSPVTERA I PLA I FQAEPTVRKHFLRKWLKSSSLQDFD I RA I LDWDYYIERLGS	1139
Medaka	I SRKPEGSPVTERA I PLA I FQAESSVKHFLRKWLKMPSLHDLD IRS I LDWSYYIERLGS	1140
*****:*****:*****:*****:*****:*****:*****:*****:*****:*****:*****:*****:		
Human	FKRLGSSVIYANFNR I I LCTKKRRVEDA I AYVEYTSS I HSKE TFHSLTISFSRCWEFLL	1915
Medaka	FKRLGSTVYGNFNR I I LCTKKRRIDDAVAYVEYTNS I HSRE IFHSLSI SFSRCWQFLL	1916
*****:*****:*****:*****:*****:*****:*****:*****:*****:*****:*****:*****:		

**Suppl. Fig. 3: Sequence alignment of the human POLE1 and medaka orthologue. An asterisk (\*) indicates identical amino acids, a dot (.) indicates a semi-conservative change, and a colon (:) represents a conservative change.**