

	1	*	60
Caliph	MDNEEIPSV PSTPATPGTPGAPLFGGFRSERTGNGRKNSLLKNLKCFSVEDWTLEDGALP		
Paraggio	MDNEEIPSV PSTPATPGTPGAPLFGGFRSERTGNGRKNSLLKNLKCFSVEDWTLEDGALP		
tap	MDNEEIPSV PSTPATPGTPGAPLFGGFRSERTGNGRKNSLLKNLKCFSVEDWTLEDGALP		
	61	*	120
Caliph	KVTC SLPPPPVPLAKKVGAEFIGTYILMFAGIATAIVNQKIHNSETLIGCAGATGLAVMI		
Paraggio	KVTC SLPPPPVPLAKKVGAEFIGTYIVMFAGIATAIVNQKIHNSETLIGCAGATGLAVMI		
tap	KVTC SLPPPPVPLAKKVGAEFIGTYILMFAGIATAIVNQKIHNSETLIGCAGATGLAVMI		
	121		180
Caliph	IILSTGHISGAHLNPAVTISFAALKHFPWKNVPLYIAAQVLASICASF TLKGVFHPFMSG		
Paraggio	IILSTGHISGAHLNPAVTISFAALKHFPWKNVPLYIAAQVLASICASF TLKGVFHPFMSG		
tap	IILSTGHISGAHLNPAVTISFAALKHFPWKNVPLYIAAQVLASICASF TLKGVFHPFMSG		
	181		240
Caliph	GVTVPSVEY GQAF ALEFIISFNLMFVVTAVATDTRAVGELAGI AVGATVMLN ILIAGPAT		
Paraggio	GVTVPSVEY GQAF ALEFIISFNLMFVVTAVATDTRAVGELAGI AVGATVMLN ILIAGPAT		
tap	GVTVPSVEY GQAF ALEFIISFNLMFVVTAVATDTRAVGELAGI AVGATVMLN ILIAGPAT		
	241	*	300
Caliph	GASMPVRTLGPAIAANNYKGIWLYLIAPILGALGGAGAYTAVKLPDEEFNSEVKASSAP		
Paraggio	GASMPVRTLGPAIAANNYKGIWLYLIAPILGALGGAGAYTAVKLPDEEFNSEVKASSAP		
tap	GASMPVRTLGPAIAANNYKGIWLYLIAPILGALGGAGAYTAVKLPDEEFNSEVKASSAP		
	301	305	
Caliph	GSFRR-		
Paraggio	GSFRR-		
tap	GSFRR-		

Additional file 2