Enzyme	Primer sequence (5' – 3')	Restriction site added	Plasmids *cloning sites*	Fusion protein
RsSTR *(344 AA)*	Rs-STR-GFPfor GTACTAGTATGGCCAAACTTTCTGATTCGCAAACT	*Spe*I	pSCA-cassette-GFPi *Spe*I	RsSTR-GFP
	Rs-STR-GFPrev GTACTAGTATGACTTGAAACAAAAGAATTTCCCTTCTT	*Spe*I		
RsSGD *(532 AA)*	Rs-SGD-GFPfor GCACTAGTATGGGCAGCATTGATTCAACAAATGTA	*Spe*I	pSCA-cassette-GFPi *Spe*I	RsSGD-GFP
	Rs-SGD-GFPrev GCACTAGTAGCTTCTTTGAGCAAATCATCGGTTAATT	*Spe*I		
	Rs-SGD-GFPfor *in association with* Rs-SGD-GFPrev	*Spe*I	pSCA-cassette-GFPi *Nhe*I	GFP-RsSGD
RsRGD *(540AA)*	Rs-RGD-GFPfor GTACTAGTATGGCAACTCAGAGCAGTGCTGTTATC	*Spe*I	pSCA-cassette-GFPi *Spe*I	RsRGD-GFP
	Rs-SGD-GFPrev GTACTAGTCTTTCTTAATCTCTTGCTTGAAACTTGTTC	*Spe*I		
	Rs-RGD-GFPfor *in association with* Rs-SGD-GFPrev	*Spe*I	pSCA-cassette-GFPi *Nhe*I	GFP-RsRGD

Additional file 7: Detail of primer sequences and cloning procedure to generate RsSTR, RsSGD and CrRGD fusions proteins with GFP