

28 DRPs	Fold	SS Bonds	Amino acids	12 Fusion Partners												Conditions with soluble expression
				6HIS	Gb1	ZZ	Trx-P	Trx-C	Trx	Trx-A	Trx-G	MBP	GST	DsbA	DsbC	
Androctonin		2	25			+	+	+	+	+	+	++	+	++	+++	10
TNF receptor		2	26									+	+	+	+++	8
ω-MVIIC	ICK	3	25			+	+	+	+	+	+	++	++	++	++	10
ω-MVIIA	ICK	3	25			+				++	++	+	+++	++	+++	7
mCD4M61	α/β	3	27								+		+++	+	++	4
D-Psp-COOH	ICK	3	28				+	+	+		+	+	+	++	+++	9
Trypsin Inhibitor II	ICK	3	30			+	+	+	+	++	+	+	+++	++	+++	10
Scyllatoxin	α/β	3	31				+	+	+			+	+	+	+++	7
EVIA-O6P	ICK	3	32					+	+		+	+	+	+	+	7
ShK Toxin	3 ₁₀ αα	3	35										+	+	+	3
Psalmotoxin-1	ICK, 3 ₁₀	3	40			+	++	++	+++	++	++	+++	+++	+++	++	10
LDTI	Kazal Type	3	40			+	+	+	+	++	+	+	++	++	++	10
Thrombin Inhibitor infestin	Kazal Type	3	46			+	+	+	+	+	++	+	+++	+++	++	10
BPTI	Kunitz	3	58				+	+	+	+	+	+	+	+	++	9
TDPI	Kunitz	4	52							++					+	2
C13S1C1	3FT	4	59			+		+	+		+	+	+		++	7
Fasciculin I	3FT	4	61								+	++		+	+	5
MT3	3FT	4	65			+	+	+	+	+	+	+	+	+	++	10
MT7	3FT	4	65				+	+	+	++	+	+	++	++	+++	9
MT1	3FT	4	65					+	+	+	+	+	+	+	++	8
MTx2	3FT	4	65			+			++		+	++	++	+++	+++	7
AdTx1	3FT	4	65									+	+	+	++	4
AdTx2	3FT	4	66			+		+			+			+	+	5
MTalpha	3FT	4	66									++		+	+	3
Acrl		4	69			+			+	++	++	++	+++	+++	++	8
SLURP	3FT	4	72					+			+	++	+		+++	5
DA1JDE	3FT	5	65									++	+	+		3
RBI		5	122			+					+	+++	+	+	++	6
				6HIS	Gb1	ZZ	Trx-P	Trx-C	Trx	Trx-A	Trx-G	MBP	GST	DsbA	DsbC	Total
				0	0	12	12	16	18	18	19	24	25	25	27	196

Estimation of soluble concentration :

Not detectable

0.1 to 10 mg/L

10 to 20 mg/L

more than 20 mg/L



Fusion partner without redox properties

Fusion partner with redox properties