

Table 1. Chemical sequence analysis of attractin family proteins

Species/Treatment	Fragment	Sequence	Procedures
<i>A. brasiliiana</i>			
Red. & Alk.	(1-58)	DQNXDIGNITSQXQMQHQNDDANGXDTIIIEEXKTSMVERXQNQEFESAS	Edman
Red. & Alk./Glu-C	(48-58)	SASGSTTLGPQ	Edman
Sequence	(1-58)	DQNC DIGNITSQCQMQHQNCD DANGCDTIIIEECKTSMVERCQNQEFESASGSTTLGPQ	
<i>A. fasciata</i>			
Red. & Alk.	(1-58)	DQNXDIGNITSQXEMQHQNDDANGXNTIIIEEXKTSMV	Edman
Red. & Alk./CNBr	(16-58)	QHQNDDANGXNTIIIEEXKTSMVERXQNQEFE	Edman
Red. & Alk./Lys-C	(35-58)	TSMVERXQNQEFESASGSTTLGPQ	Edman
Sequence	(1-58)	DQNC DIGNITSQCEMQHQNCD DANGCNTIIIEECKTSMVERCQNQEFESASGSTTLGPQ	
<i>A. vaccaria</i>			
Red. & Alk.	(1-56)	NNKXDIEFATSEXEMRYQDXGEASSXTALIEEXKTSLQEEQNQA	Edman
Red. & Alk./Lys-C	(35-56)	TSLQEEQNQASSDE----VRPE	Edman
3'-RACE/cloning	(36-56)	SLQEECNQASSDESSTTVRPE	DNA
Sequence	(1-56)	NNKCDIEFATSECEMRYQDCGEASSCTALIEECKTSLQEECNQASSDESSTTVRPE	
<i>A. depilans</i>			
Red. & Alk.	(1-56)	NNKXDLEFASSEXQMRYQDXGEAS-XTALIEE	Edman
Red. & Alk./CNBr	(16-56)	RYQDXGEAS-XTALIEEXKTSLQE-XDQAS	Edman
Red. & Alk./Lys-C	(35-56)	TSLQEEXDQASSES--TTIRPE	Edman
3'-RACE/cloning	(36-56)	EFASSECQMRYQDCGEASNCTALIEECKTSLQEECNQASSESSTTIRPE	DNA
Sequence	(1-56)	NNKCDLEFASSECQMRYQDCGEASNCTALIEECKTSLQEECDQASSESSTTIRPE	

Red. & Alk., reduction and alkylation; X, pyridylethyl cysteine; Glu-C, endoproteinase Glu-C; CNBr, cyanogen bromide; Lys-C, endoproteinase Lys-C; Edman, Edman degradation sequencing; 3'-RACE, rapid amplification of cDNA ends; *, indicates microsequencer malfunction at this residue.