

**S3 Table. The fragmentation of peptide hormones by live *S. mansoni* adults.**

<b>Inhibitor Treatment</b>	<b>Hormone</b>	<b>Identified peptide</b>	<b>Theoretical peptide mass [M+H]<sup>+</sup> (Da)</b>	<b>Measured peptide mass [M+H]<sup>+</sup> (Da)</b>	<b>Fragment (aa residues)</b>
<b>No Inhibitor</b>	<b>Angiotensin I</b>	DRVYIHPFHL	1296.6853	1296.7126	1-10 (uncleaved)
		DRVYIHP	899.4739	899.4784	1-7
	<b>Bradykinin</b>	RPPGFSPFR	1060.5692	1060.5922	1-9 (uncleaved)
RPPGFSP		757.3997	757.3717	1-7	
GFSPFR		710.3626	710.3131	4-9	
<b>E-64</b>	<b>Angiotensin I</b>	DRVYIHPFHL	1296.6853	1296.7163	1-10 (uncleaved)
		DRVYIHP	899.4739	899.4788	1-7
	<b>Bradykinin</b>	RPPGFSPFR	1060.5692	1060.5894	1-9 (uncleaved)
		RPPGFSP	757.3997	757.3730	1-7
		GFSPFR	710.3626	710.3341	4-9
<b>Z-Ala-Pro-CMK</b>	<b>Angiotensin I</b>	DRVYIHPFHL	1296.6853	1296.7068	1-10 (uncleaved)
	<b>Bradykinin</b>	RPPGFSPFR	1060.5692	1060.5894	1-9 (uncleaved)

The peptide hormones were incubated with live adult schistosomes in culture in the presence of given inhibitor and the cultivation medium was analyzed after 16 h by MALDI-TOF mass spectrometry to identify any resulting hydrolytic fragments. For technical details, see the Materials and Methods and Figure 8.