

Supplementary Materials

Table 1. Primers used in this study.

Primer name	Sequence (5' - 3')
Specific primers for cloning	
SfruOR6-F	ATGGGTCTTAAACACTTTCTCTTTGA
SfruOR6-R	TCAAATGCTGCGTAAGAAGGTG
SfruOR11-F	ATGTTTAGCTTGGACACGTATGCG
SfruOR11-R	TTAAAATGTACGTAAGAAAGCGAAATAT
SfruOR13-F	ATGGACGACATAAAAATTGTCTACCG
SfruOR13-R	TTATTCTTCCTCGTCGGCGA
SfruOR16-F	ATGAATCTCAAAAATTCTTTTTCG
SfruOR16-R	TCACATGCTTCTCAAGAAGGTGA
SfruOR56-F	ATGGGTTTAAGAAATTTTCTTTTTGG
SfruOR56-R	TCAGATGCTACGTA AAAAGGTGAAA
SfruOR62-F	ATGGGTCTCAAAAATTCTTATTCCG
SfruOR62-R	TCAGATGCTGCGTAAAAACGC
SfruORco-F	ATGATGACCAAAGTGAAAGCCC
SfruORco-R	TTACTTGAGCTGTACTAACACCATGAA
Primers for Real-time PCR	
SfruOR6-qF	TGCTGACCCATACCTTGAC
SfruOR6-qR	CAGTAACAGCAAACAGCCGC
SfruOR11-qF	ACGCTGTCTAGGCATCACC
SfruOR11-qR	TTCTCGCCTAGCGCCTTTCC
SfruOR13-qF	TACAGCGTGCCCTGGGAGTA
SfruOR13-qR	TGGTCTGGACACCGACAGTGA
SfruOR16-qF	TGGGAATGCATGGATGCGAACA
SfruOR16-qR	TCGCGGCCATAGAAGTGACG
SfruOR56-qF	GCTCCAGCCCTTATGCGTTA
SfruOR56-qR	GACGCCGACATTGGCAATAC
SfruOR62-qF	GAAGTGGGGGCACACAAAAC
SfruOR62-qR	GCAGAACCAAGTAGCGCAGA
SfruRpL32-qF	GACCCGTCACATGCTACCCA
SfruRpL32-qR	GCGCGCTCTACGATGGTCTT
Sfru EF1 α -qF	ACGCTCCCGGACACAGAGAT
Sfru EF1 α -qR	AGCGGCGACAATGAGTACGG
Primers for cRNA synthesis	
SfruOR6-EcoRI-F	<u>ATTCCCCGGGGATCCGAATTC</u> CATGGGTCTTAAACACTTTCTCTTTGA
SfruOR6-XbaI-R	<u>TCGGCGATCGGGCCCTCTAGAT</u> CAAATGCTGCGTAAGAAGGTG
SfruOR11-EcoRI-F	<u>ATTCCCCGGGGATCCGAATTC</u> CATGTTTAGCTTGGACACGTATGCG
SfruOR11-XbaI-R	<u>TCGGCGATCGGGCCCTCTAGAT</u> TAAAATGTACGTAAGAAAGCGAAATA
T	
SfruOR13-EcoRI-F	<u>ATTCCCCGGGGATCCGAATTC</u> CATGGACGACATAAAAATTGTCTACCG
SfruOR13-XbaI-R	<u>TCGGCGATCGGGCCCTCTAGAT</u> TATTCTTCCTCGTCGGCGA
SfruOR16-EcoRI-F	<u>ATTCCCCGGGGATCCGAATTC</u> CATGAATCTCAAAAATTCTTTTTCG
SfruOR16-XbaI-R	<u>TCGGCGATCGGGCCCTCTAGAT</u> CACATGCTTCTCAAGAAGGTGA
SfruOR56-EcoRI-F	<u>ATTCCCCGGGGATCCGAATTC</u> CATGGGTTTAAGAAATTTTCTTTTTGG
SfruOR56-XbaI-R	<u>TCGGCGATCGGGCCCTCTAGAT</u> CAGATGCTACGTA AAAAGGTGAAA
SfruOR62-EcoRI-F	<u>ATTCCCCGGGGATCCGAATTC</u> CATGGGTCTCAAAAATTCTTATTCCG
SfruOR62-XbaI-R	<u>TCGGCGATCGGGCCCTCTAGAT</u> CAGATGCTGCGTAAAAACGC

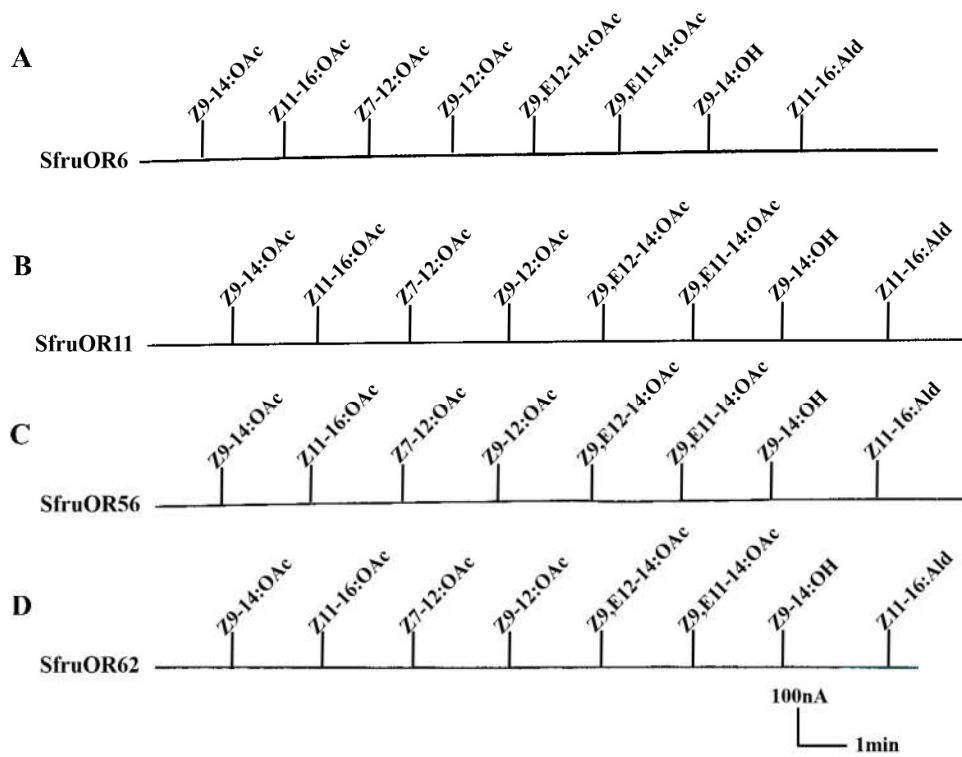


Figure S2. Responses of *Xenopus* oocytes co-expressed with SfruOR6/ORco (A), SfruOR11/ORco (B), SfruOR56/ORco (C) and SfruOR62/ORco (D) to stimulation with pheromone components and analogs (10^{-4} M).