

A

<i>Hp nanos2</i> 5'UTR F	GGTACCCCGAAGACGCACTTCGTATTTCA
<i>Hp nanos2</i> 5'UTR R	GAATTCCTACTCTGCAATTGGACAAAAG
<i>Hp nanos2</i> 3'UTR F	TCTAGAGCTGAGCAGCCTTTTCAG
<i>Hp nanos2</i> 3'UTR R	GTCGACTTTAAAAGAATGTAGTACTTTC

B

<i>Hp nanos2</i> 3'UTR Δ F	GAGAGACCACATGGTCCTGCTG
<i>Hp nanos2</i> 3'UTR Δ 1 R	ACGCGTCGACTGGTTTAACACCAACACAAAGC
<i>Hp nanos2</i> 3'UTR Δ 2 R	ACGCGTCGACGGCTAGTTGTTAAGGCAGTAATC
<i>Hp nanos2</i> 3'UTR Δ 3 R	ACGCGTCGACAATTAGCACGATATATTGAC
<i>Hp nanos2</i> 3'UTR Δ 4 R	ACGCGTCGACGAACTACCATCACGAAGCAGTG
<i>Hp nanos2</i> 3'UTR Δ 5 R	ACGCGTCGACTTATATTACCAAAGCCTGCACAC
<i>Hp nanos2</i> 3'UTR Δ 6 R	ACGCGTCGACGAGTCAAGTCC CATCAATCTC

C

<i>Hp nanos2</i> 3'UTR Δ 7 F	CGTCTAGAGAGATTGATGGGACTTGACTC
<i>Hp nanos2</i> 3'UTR Δ 8 F	CGTCTAGAGTGTGCAGGCTTTGG
<i>Hp nanos2</i> 3'UTR Δ 9 F	CGTCTAGACACTGCTTCGTGATGGTAGTTC
<i>Hp nanos2</i> 3'UTR Δ 10 F	CGTCTAGAAATTTGTCAATATATCGTGC
<i>Hp nanos2</i> 3'UTR Δ R	TTTAAAAGAATGTAGTACTTTTCG

D

<i>Hp nanos</i> 5'UTR Δ A F	CACTGCTTCGTGATGGTAGTTC
<i>Hp nanos</i> 5'UTR Δ A R	TGAGTCAAGTCCCATCAATCTC
<i>Hp nanos</i> 5'UTR Δ B F	CACTGCTTCGTGATGGTAGTTC
<i>Hp nanos</i> 5'UTR Δ B R	TTATATTACCAAAGCCTGCACAC
<i>Hp nanos</i> 5'UTR Δ C F	GTGTGCAGGCTTTGG
<i>Hp nanos</i> 5'UTR Δ C R	TGAGTCAAGTCCCATCAATCT C

Figure S2

A

<i>Sp nanos2</i> 5'UTR F	GGTTCGGGCCCCACGTGCCTCATTAAAGCCCACATAAAT
<i>Sp nanos2</i> 5'UTR R	CCGGGATCCGGTGA CTAAAGTGCGTGGAAACTCGAGAC
<i>Sp nanos2</i> 3'UTR F	GACTAGTTCTGAGCAGCCTTTGCAGCACGACAC
<i>Sp nanos2</i> 3'UTR R	GGAATTCCATATGTTTTAAAAGAATGTAGTACCTTCGTAC

B

<i>Sp nanos2</i> GNARLE F	GGAATTCCATATGGAATTTCCACAAGAAA ACTCCCATCGCG
<i>Sp nanos2</i> GNARLE R	CGACTAGTGA TGAGACTTGGACAACTCATTT

C

<i>Sp nanos2</i> Δ GNARLE F1	GAGACTTGGACAACTGAATTCTTAATTTCTTTTTTC
<i>Sp nanos2</i> Δ GNARLE R1	GAAAAAGAAATTAAGAATTCAGTTGTCCAAGTCTC
<i>Sp nanos2</i> Δ GNARLE F2	CATTAATGCAGGGAATTC ACTGCTTCGCGATGGGAG
<i>Sp nanos2</i> Δ GNARLE R2	CTCCCATCGCGAAGCAGTGAATTCCCTGCATTAATG

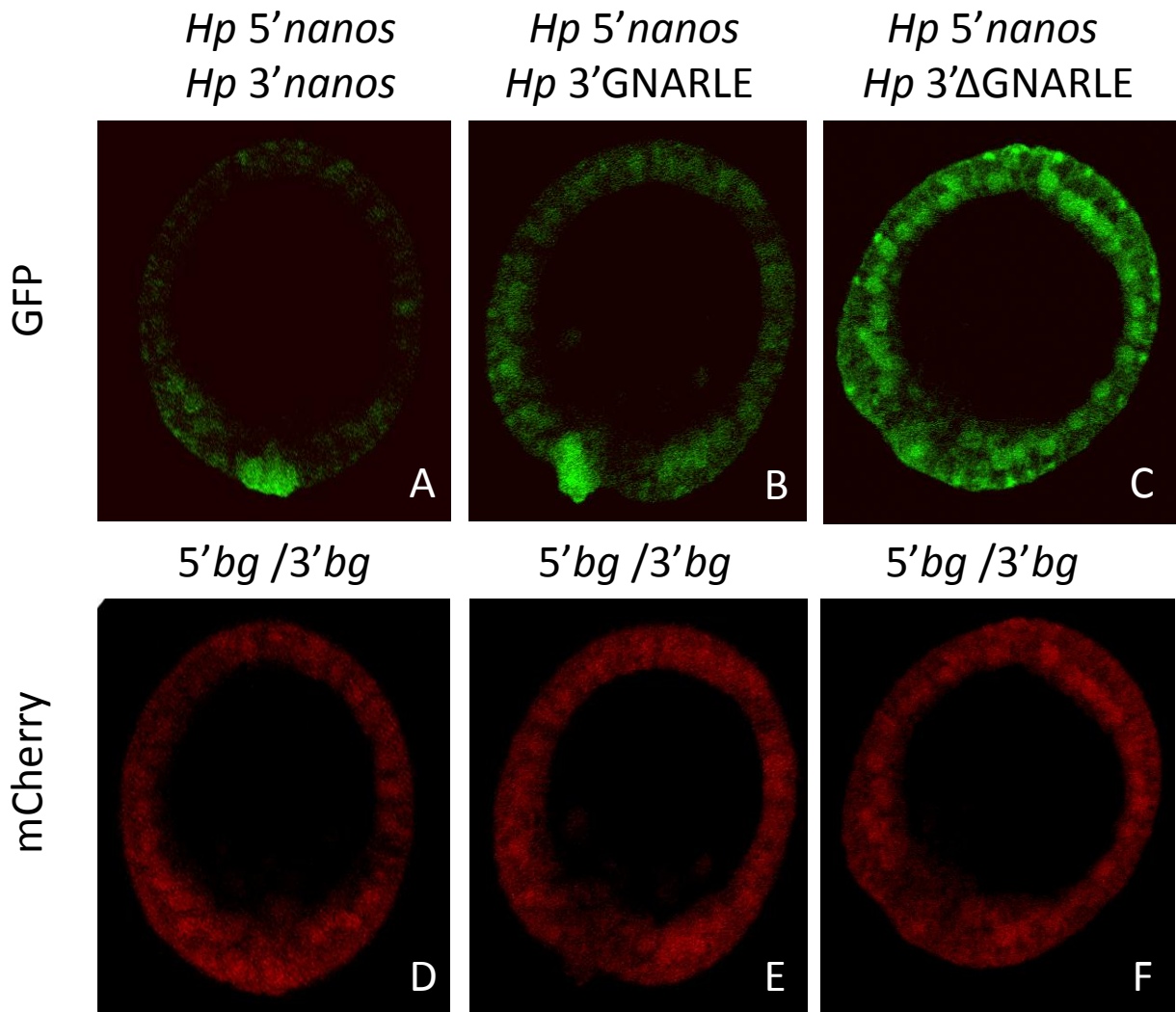
D

<i>Sp nanos2</i> NRRE F	CGACTAGTAGTTAATTTGATGTAGGGTCTACTC
<i>Sp nanos2</i> NRRE R	GGAATTCCATATGATAATAACCTACTTTAAAAAATAC

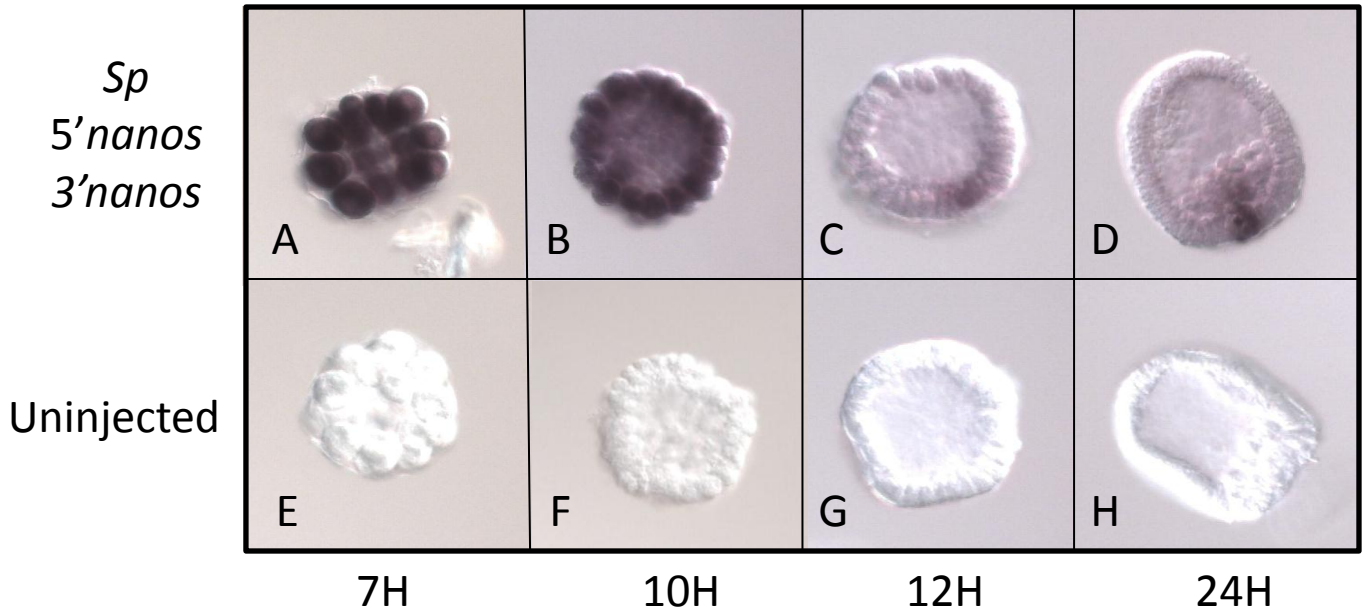
E

<i>Sp nanos2</i> 5'UTR ren F	AATACAAGCTTCACGTGCCTCATTAAAGCCCACATAAAT
<i>Sp nanos2</i> 5'UTR ren R	GGTTCGGGCCCCGGTGA CTAAAGTGCGTGGAAACTCGAGAC
<i>Sp nanos2</i> 3'UTR ren F	GACTAGTTCTGAGCAGCCTTTGCAGCACGACAC
<i>Sp nanos2</i> 3'UTR ren R	CGCGGATCCTTTTAAAAGAATGTAGTACCTTCGTAC
<i>Sp nanos2</i> GNARLE ren F	CGACTAGTGATGAGACTTGGACAACTCATTT
<i>Sp nanos2</i> GNARLE ren R	CGCGGATCCGAATTTCCACAAGA AA ACTCCCATCGCG
<i>Sp nanos2</i> Δ GNARLE ren F	CGACTAGTTCTGAGCAGCCTTTGCA GCACGAC
<i>Sp nanos2</i> Δ GNARLE ren R	CGCGGATCCTTTTAAAAGAATGTAGTACCTTC

Figure
S3



**Figure
S4**



A

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Sp  AGTTAATTTGATGTAG--GGTCTACTCGICTCGAGGTTGATGAGACTTGGACAAC TC 55
Hp  ATTGGACTTTTGCAGTTGATGAACTCGICTCGAGATTGATGGGACTTG----ACTC 53
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B

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Sp  ACTGCTTCGCGATGGGAGTTTCTTGTGGAAATTCATTGCGAGAAGTATTTTTTAAAGTA 60
Hp  ACTGCTTCGTGATGGTAG--TTCTCGCGGAATTCATTGCGAGAAGTATTTTTTAAAGTA 58
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Sp  GGTTATTAT 69
Hp  GGCTATTAT 67
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**Figure
S6**

