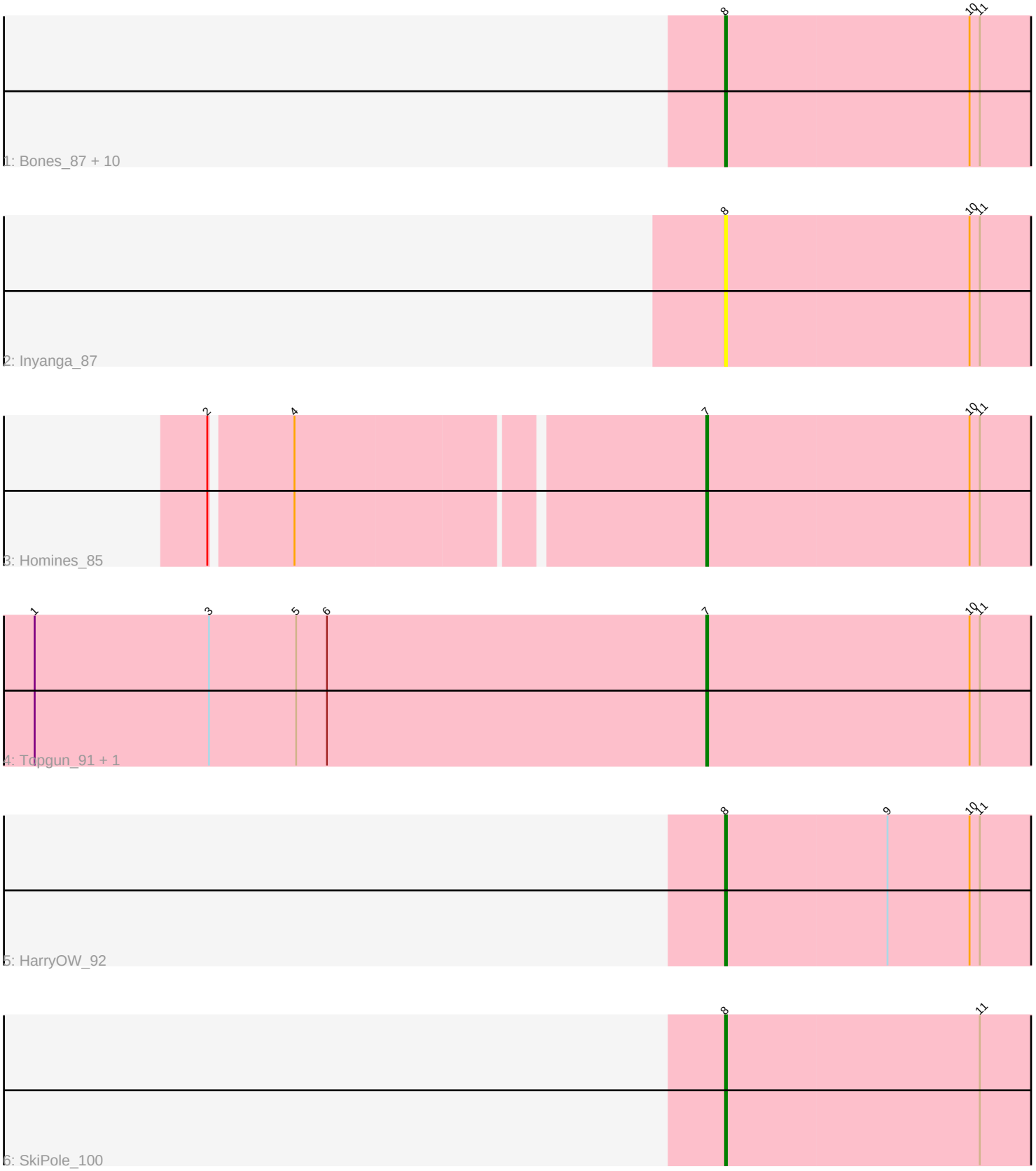
Pham 203381


8
10
11
1: Bones_87 + 10
8
10
11
2: Inyanga_87
2
4
7
10
11
3: Homines_85
1
3
5
6
7
10
11
4: Topgun_91 + 1
8
9
10
11
5: HarryOW_92
8
11
6: SkiPole_100

Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly with annotated starts, the track will be further scaled to only show that region of the ORF with annotated starts. This action will be indicated by adding "Zoomed" to the title. For starts, yellow indicates the location of called starts comprised solely of Glimmer/GeneMark auto-annotations, green indicates the location of called starts with at least 1 manual gene annotation.

Pham 203381 Report

This analysis was run 01/18/25 on database version 583.

Pham number 203381 has 17 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Bones_87, Paphu_88, Monet_94, Edtherson_89, JC27_95, Dulcie_92, Bob3_92, Sumter_88, Lamina13_94, Parliament_91, Marsha_94
• Track 2 : Inyanga_87
• Track 3 : Homines_85
• Track 4 : Topgun_91, Wilkins_92
• Track 5 : HarryOW_92
• Track 6 : SkiPole_100

Summary of Final Annotations (See graph section above for start numbers):

The start number called the most often in the published annotations is 8, it was called in 13 of the 16 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Bob3_92, Bones_87, Dulcie_92, Edtherson_89, HarryOW_92, Inyanga_87, JC27_95, Lamina13_94, Marsha_94, Monet_94, Paphu_88, Parliament_91, SkiPole_100, Sumter_88,

Genes that have the "Most Annotated" start but do not call it:
•

Genes that do not have the "Most Annotated" start:
• Homines_85, Topgun_91, Wilkins_92,

Summary by start number:

Start 7:
• Found in 3 of 17 (17.6%) of genes in pham
• Manual Annotations of this start: 3 of 16
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Homines_85 (A1), Topgun_91 (A1), Wilkins_92 (A1),

Start 8:

• Found in 14 of 17 (82.4%) of genes in pham
• Manual Annotations of this start: 13 of 16
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Bob3_92 (A1), Bones_87 (A1), Dulcie_92 (A1), Edtherson_89 (A1), HarryOW_92 (A1), Inyanga_87 (A1), JC27_95 (A1), Lamina13_94 (A1), Marsha_94 (A1), Monet_94 (A1), Paphu_88 (A1), Parliament_91 (A1), SkiPole_100 (A1), Sumter_88 (A1),

Summary by clusters:

There is one cluster represented in this pham: A1

Info for manual annotations of cluster A1:
•Start number 7 was manually annotated 3 times for cluster A1.
•Start number 8 was manually annotated 13 times for cluster A1.

Gene Information:

Gene: Bob3_92 Start: 51183, Stop: 50998, Start Num: 8
Candidate Starts for Bob3_92:
(Start: 8 @51183 has 13 MA's), (10, 51042), (11, 51036),

Gene: Bones_87 Start: 51475, Stop: 51290, Start Num: 8
Candidate Starts for Bones_87:
(Start: 8 @51475 has 13 MA's), (10, 51334), (11, 51328),

Gene: Dulcie_92 Start: 52910, Stop: 52725, Start Num: 8
Candidate Starts for Dulcie_92:
(Start: 8 @52910 has 13 MA's), (10, 52769), (11, 52763),

Gene: Edtherson_89 Start: 50440, Stop: 50255, Start Num: 8
Candidate Starts for Edtherson_89:
(Start: 8 @50440 has 13 MA's), (10, 50299), (11, 50293),

Gene: HarryOW_92 Start: 51871, Stop: 51686, Start Num: 8
Candidate Starts for HarryOW_92:
(Start: 8 @51871 has 13 MA's), (9, 51778), (10, 51730), (11, 51724),

Gene: Homines_85 Start: 47444, Stop: 47247, Start Num: 7
Candidate Starts for Homines_85:
(2, 47717), (4, 47672), (Start: 7 @47444 has 3 MA's), (10, 47291), (11, 47285),

Gene: Inyanga_87 Start: 50682, Stop: 50497, Start Num: 8
Candidate Starts for Inyanga_87:
(Start: 8 @50682 has 13 MA's), (10, 50541), (11, 50535),

Gene: JC27_95 Start: 51102, Stop: 50917, Start Num: 8
Candidate Starts for JC27_95:
(Start: 8 @51102 has 13 MA's), (10, 50961), (11, 50955),

Gene: Lamina13_94 Start: 52194, Stop: 52009, Start Num: 8

Candidate Starts for Lamina13_94:
(Start: 8 @52194 has 13 MA's), (10, 52053), (11, 52047),

Gene: Marsha_94 Start: 53391, Stop: 53206, Start Num: 8
Candidate Starts for Marsha_94:
(Start: 8 @53391 has 13 MA's), (10, 53250), (11, 53244),

Gene: Monet_94 Start: 52340, Stop: 52155, Start Num: 8
Candidate Starts for Monet_94:
(Start: 8 @52340 has 13 MA's), (10, 52199), (11, 52193),

Gene: Paphu_88 Start: 50072, Stop: 49887, Start Num: 8
Candidate Starts for Paphu_88:
(Start: 8 @50072 has 13 MA's), (10, 49931), (11, 49925),

Gene: Parliament_91 Start: 52676, Stop: 52491, Start Num: 8
Candidate Starts for Parliament_91:
(Start: 8 @52676 has 13 MA's), (10, 52535), (11, 52529),

Gene: SkiPole_100 Start: 52077, Stop: 51892, Start Num: 8
Candidate Starts for SkiPole_100:
(Start: 8 @52077 has 13 MA's), (11, 51930),

Gene: Sumter_88 Start: 51597, Stop: 51412, Start Num: 8
Candidate Starts for Sumter_88:
(Start: 8 @51597 has 13 MA's), (10, 51456), (11, 51450),

Gene: Topgun_91 Start: 49912, Stop: 49715, Start Num: 7
Candidate Starts for Topgun_91:
(1, 50305), (3, 50203), (5, 50152), (6, 50134), (Start: 7 @49912 has 3 MA's), (10, 49759), (11, 49753),

Gene: Wilkins_92 Start: 49842, Stop: 49645, Start Num: 7
Candidate Starts for Wilkins_92:
(1, 50235), (3, 50133), (5, 50082), (6, 50064), (Start: 7 @49842 has 3 MA's), (10, 49689), (11, 49683),