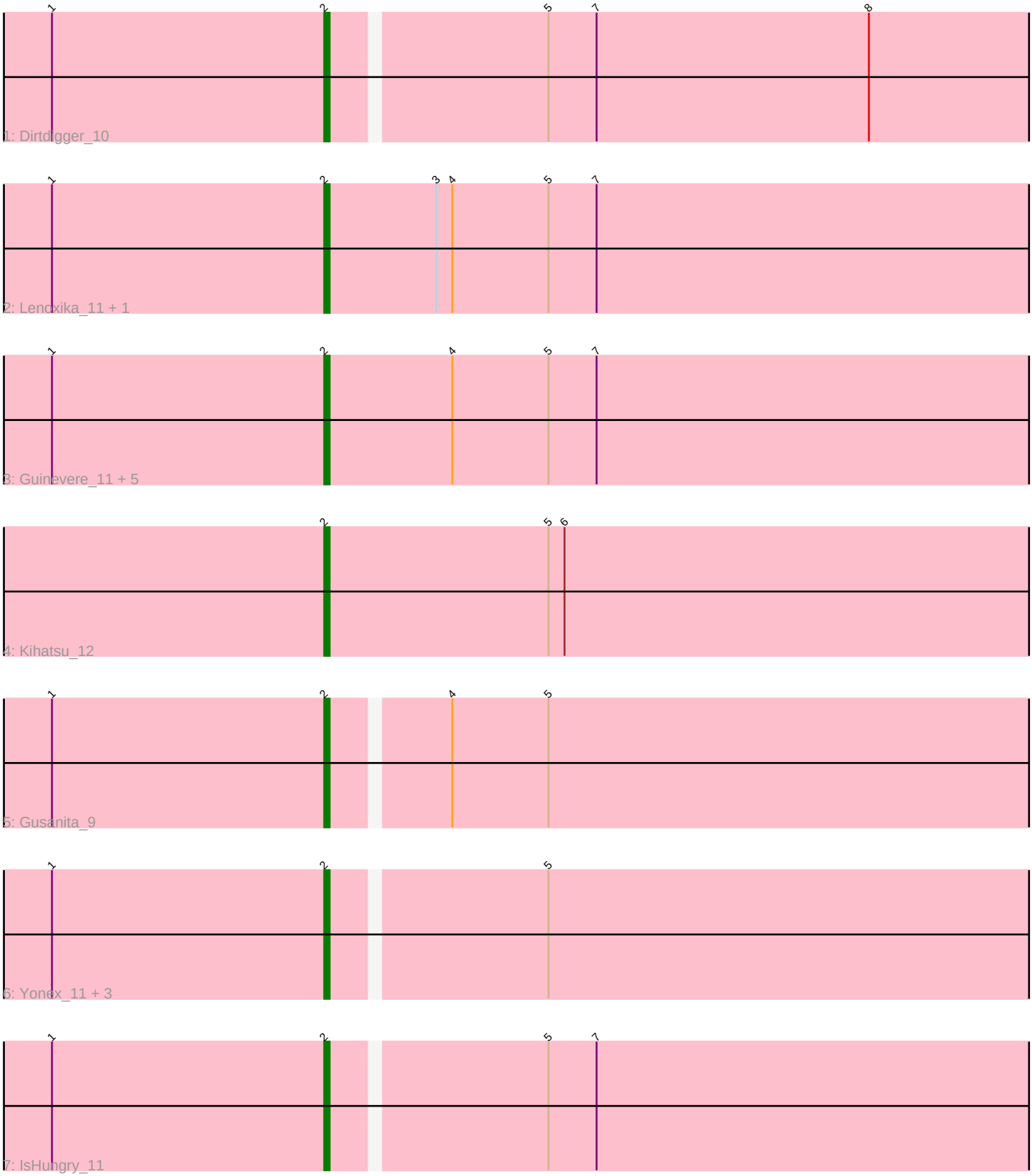
Pham 333321


1
2
5
7
8
1: Dirtdigger_10
1
2
3
4
5
7
2: Lenoxika_11 + 1
1
2
4
5
7
3: Guinevere_11 + 5
2
5
6
4: Kihatsu_12
1
2
4
5
5: Gusanita_9
1
2
5
6: Yonex_11 + 3
1
2
5
7
7: IsHungry_11

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 333321 Report

This analysis was run 11/14/26 on database version 672.

Pham number 333321 has 16 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Dirtdigger_10
• Track 2 : Lenoxika_11, Halloweekend_9
• Track 3 : Guinevere_11, Schism_11, Nandita_11, Donatella_10, GoodLuckBabe_11, Ichiang_9
• Track 4 : Kihatsu_12
• Track 5 : Gusanita_9
• Track 6 : Yonex_11, Popper_9, Zaheer_11, Ryan_11
• Track 7 : IsHungry_11

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

The start number called the most often in the published annotations is 2, it was called in 14 of the 14 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Dirtdigger_10, Donatella_10, GoodLuckBabe_11, Guinevere_11, Gusanita_9, Halloweekend_9, Ichiang_9, IsHungry_11, Kihatsu_12, Lenoxika_11, Nandita_11, Popper_9, Ryan_11, Schism_11, Yonex_11, Zaheer_11,

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

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

Summary by start number:

Start 2:
• Found in 16 of 16 (100.0%) of genes in pham
• Manual Annotations of this start: 14 of 14
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Dirtdigger_10 (FF), Donatella_10 (FF), GoodLuckBabe_11 (FF), Guinevere_11 (FF), Gusanita_9 (FF), Halloweekend_9 (FF), Ichiang_9 (FF), IsHungry_11 (FF), Kihatsu_12 (FF), Lenoxika_11 (FF), Nandita_11

(FF), Popper_9 (FF), Ryan_11 (FF), Schism_11 (FF), Yonex_11 (FF), Zaheer_11 (FF),

Summary by clusters:

There is one cluster represented in this pham: FF

Info for manual annotations of cluster FF:
•Start number 2 was manually annotated 14 times for cluster FF.

Gene Information:

Gene: Dirtdigger_10 Start: 7400, Stop: 7627, Start Num: 2
Candidate Starts for Dirtdigger_10:
(1, 7349), (Start: 2 @7400 has 14 MA's), (5, 7439), (7, 7448), (8, 7499),

Gene: Donatella_10 Start: 7664, Stop: 7891, Start Num: 2
Candidate Starts for Donatella_10:
(1, 7613), (Start: 2 @7664 has 14 MA's), (4, 7685), (5, 7703), (7, 7712),

Gene: GoodLuckBabe_11 Start: 7492, Stop: 7719, Start Num: 2
Candidate Starts for GoodLuckBabe_11:
(1, 7441), (Start: 2 @7492 has 14 MA's), (4, 7516), (5, 7534), (7, 7543),

Gene: Guinevere_11 Start: 7523, Stop: 7750, Start Num: 2
Candidate Starts for Guinevere_11:
(1, 7472), (Start: 2 @7523 has 14 MA's), (4, 7547), (5, 7565), (7, 7574),

Gene: Gusanita_9 Start: 7411, Stop: 7638, Start Num: 2
Candidate Starts for Gusanita_9:
(1, 7360), (Start: 2 @7411 has 14 MA's), (4, 7432), (5, 7450),

Gene: Halloweekend_9 Start: 7161, Stop: 7391, Start Num: 2
Candidate Starts for Halloweekend_9:
(1, 7110), (Start: 2 @7161 has 14 MA's), (3, 7182), (4, 7185), (5, 7203), (7, 7212),

Gene: Ichiang_9 Start: 7179, Stop: 7406, Start Num: 2
Candidate Starts for Ichiang_9:
(1, 7128), (Start: 2 @7179 has 14 MA's), (4, 7200), (5, 7218), (7, 7227),

Gene: IsHungry_11 Start: 7485, Stop: 7712, Start Num: 2
Candidate Starts for IsHungry_11:
(1, 7434), (Start: 2 @7485 has 14 MA's), (5, 7524), (7, 7533),

Gene: Kihatsu_12 Start: 7845, Stop: 8069, Start Num: 2
Candidate Starts for Kihatsu_12:
(Start: 2 @7845 has 14 MA's), (5, 7887), (6, 7890),

Gene: Lenoxika_11 Start: 7522, Stop: 7752, Start Num: 2
Candidate Starts for Lenoxika_11:
(1, 7471), (Start: 2 @7522 has 14 MA's), (3, 7543), (4, 7546), (5, 7564), (7, 7573),

Gene: Nandita_11 Start: 7523, Stop: 7750, Start Num: 2
Candidate Starts for Nandita_11:
(1, 7472), (Start: 2 @7523 has 14 MA's), (4, 7547), (5, 7565), (7, 7574),

Gene: Popper_9 Start: 7015, Stop: 7278, Start Num: 2
Candidate Starts for Popper_9:
(1, 6964), (Start: 2 @7015 has 14 MA's), (5, 7054),

Gene: Ryan_11 Start: 7633, Stop: 7896, Start Num: 2
Candidate Starts for Ryan_11:
(1, 7582), (Start: 2 @7633 has 14 MA's), (5, 7672),

Gene: Schism_11 Start: 7523, Stop: 7750, Start Num: 2
Candidate Starts for Schism_11:
(1, 7472), (Start: 2 @7523 has 14 MA's), (4, 7547), (5, 7565), (7, 7574),

Gene: Yonex_11 Start: 7633, Stop: 7896, Start Num: 2
Candidate Starts for Yonex_11:
(1, 7582), (Start: 2 @7633 has 14 MA's), (5, 7672),

Gene: Zaheer_11 Start: 7722, Stop: 7985, Start Num: 2
Candidate Starts for Zaheer_11:
(1, 7671), (Start: 2 @7722 has 14 MA's), (5, 7761),