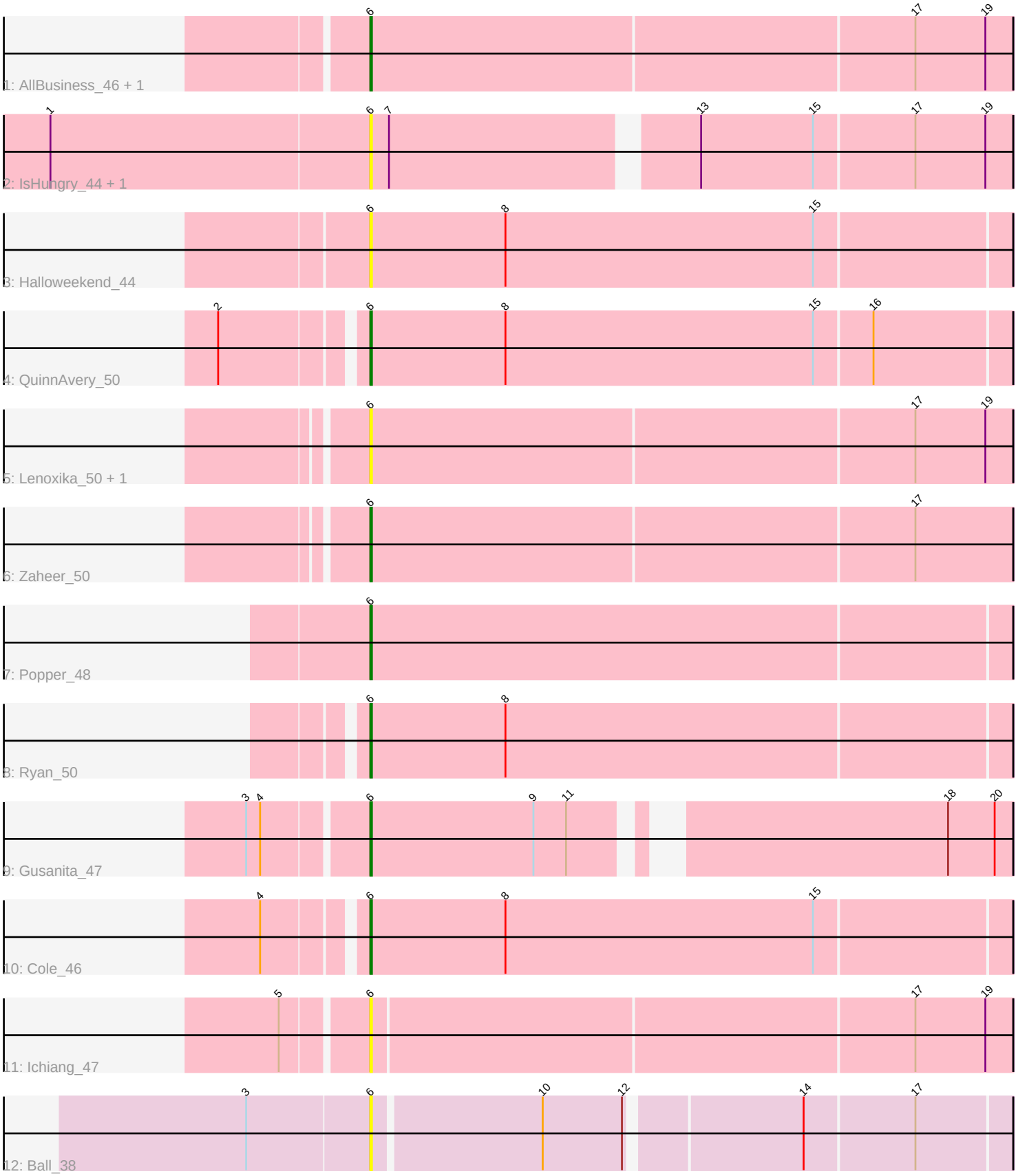
Pham 200701


1: AllBusiness_46 + 1
6
17
19
2: IsHungry_44 + 1
1
6
7
13
15
17
19
3: Halloweekend_44
6
8
15
4: QuinnAvery_50
2
6
8
15
16
5: Lenoxika_50 + 1
6
17
19
6: Zaheer_50
6
17
7: Popper_48
6
8: Ryan_50
6
8
9: Gusanita_47
3
4
6
9
11
18
20
10: Cole_46
4
6
8
15
11: Ichiang_47
5
6
17
19
12: Ball_38
3
6
10
12
14
17

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 200701 Report

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

Pham number 200701 has 15 members, 8 are drafts.

Phages represented in each track:
- Track 1 : AllBusiness_46, Nandita_51
- Track 2 : IsHungry_44, Julie_46
- Track 3 : Halloweekend_44
- Track 4 : QuinnAvery_50
- Track 5 : Lenoxika_50, Kihatsu_50
- Track 6 : Zaheer_50
- Track 7 : Popper_48
- Track 8 : Ryan_50
- Track 9 : Gusanita_47
- Track 10 : Cole_46
- Track 11 : Ichiang_47
- Track 12 : Ball_38

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

The start number called the most often in the published annotations is 6, it was called in 7 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
- AllBusiness_46, Ball_38, Cole_46, Gusanita_47, Halloweekend_44, Ichiang_47, IsHungry_44, Julie_46, Kihatsu_50, Lenoxika_50, Nandita_51, Popper_48, QuinnAvery_50, Ryan_50, Zaheer_50,

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 6:
- Found in 15 of 15 (100.0%) of genes in pham
- Manual Annotations of this start: 7 of 7

• Called 100.0% of time when present
• Phage (with cluster) where this start called: AllBusiness_46 (FF), Ball_38 (singleton), Cole_46 (FF), Gusanita_47 (FF), Halloweekend_44 (FF), Ichiang_47 (FF), IsHungry_44 (FF), Julie_46 (FF), Kihatsu_50 (FF), Lenoxika_50 (FF), Nandita_51 (FF), Popper_48 (FF), QuinnAvery_50 (FF), Ryan_50 (FF), Zaheer_50 (FF),

Summary by clusters:

There are 2 clusters represented in this pham: singleton, FF,

Info for manual annotations of cluster FF:
•Start number 6 was manually annotated 7 times for cluster FF.

Gene Information:

Gene: AllBusiness_46 Start: 34516, Stop: 34923, Start Num: 6
Candidate Starts for AllBusiness_46:
(Start: 6 @34516 has 7 MA's), (17, 34861), (19, 34906),

Gene: Ball_38 Start: 28531, Stop: 28920, Start Num: 6
Candidate Starts for Ball_38:
(3, 28453), (Start: 6 @28531 has 7 MA's), (10, 28636), (12, 28687), (14, 28792), (17, 28861),

Gene: Cole_46 Start: 33200, Stop: 33607, Start Num: 6
Candidate Starts for Cole_46:
(4, 33143), (Start: 6 @33200 has 7 MA's), (8, 33287), (15, 33485),

Gene: Gusanita_47 Start: 33925, Stop: 34299, Start Num: 6
Candidate Starts for Gusanita_47:
(3, 33853), (4, 33862), (Start: 6 @33925 has 7 MA's), (9, 34030), (11, 34051), (18, 34258), (20, 34288),

Gene: Halloweekend_44 Start: 32842, Stop: 33249, Start Num: 6
Candidate Starts for Halloweekend_44:
(Start: 6 @32842 has 7 MA's), (8, 32929), (15, 33127),

Gene: Ichiang_47 Start: 33158, Stop: 33562, Start Num: 6
Candidate Starts for Ichiang_47:
(5, 33107), (Start: 6 @33158 has 7 MA's), (17, 33500), (19, 33545),

Gene: IsHungry_44 Start: 32102, Stop: 32494, Start Num: 6
Candidate Starts for IsHungry_44:
(1, 31898), (Start: 6 @32102 has 7 MA's), (7, 32114), (13, 32297), (15, 32369), (17, 32432), (19, 32477),

Gene: Julie_46 Start: 33888, Stop: 34280, Start Num: 6
Candidate Starts for Julie_46:
(1, 33684), (Start: 6 @33888 has 7 MA's), (7, 33900), (13, 34083), (15, 34155), (17, 34218), (19, 34263),

Gene: Kihatsu_50 Start: 34699, Stop: 35106, Start Num: 6
Candidate Starts for Kihatsu_50:

(Start: 6 @34699 has 7 MA's), (17, 35044), (19, 35089),

Gene: Lenoxika_50 Start: 33544, Stop: 33951, Start Num: 6
Candidate Starts for Lenoxika_50:
(Start: 6 @33544 has 7 MA's), (17, 33889), (19, 33934),

Gene: Nandita_51 Start: 33715, Stop: 34122, Start Num: 6
Candidate Starts for Nandita_51:
(Start: 6 @33715 has 7 MA's), (17, 34060), (19, 34105),

Gene: Popper_48 Start: 33330, Stop: 33737, Start Num: 6
Candidate Starts for Popper_48:
(Start: 6 @33330 has 7 MA's),

Gene: QuinnAvery_50 Start: 34283, Stop: 34690, Start Num: 6
Candidate Starts for QuinnAvery_50:
(2, 34199), (Start: 6 @34283 has 7 MA's), (8, 34370), (15, 34568), (16, 34604),

Gene: Ryan_50 Start: 33967, Stop: 34374, Start Num: 6
Candidate Starts for Ryan_50:
(Start: 6 @33967 has 7 MA's), (8, 34054),

Gene: Zaheer_50 Start: 34567, Stop: 34974, Start Num: 6
Candidate Starts for Zaheer_50:
(Start: 6 @34567 has 7 MA's), (17, 34912),