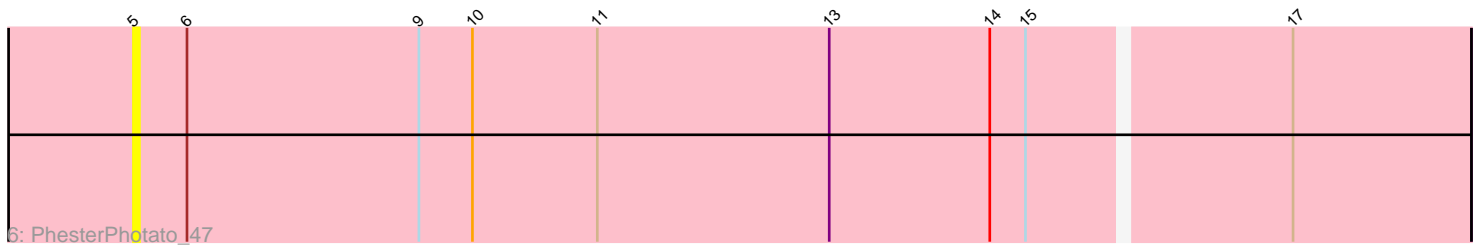
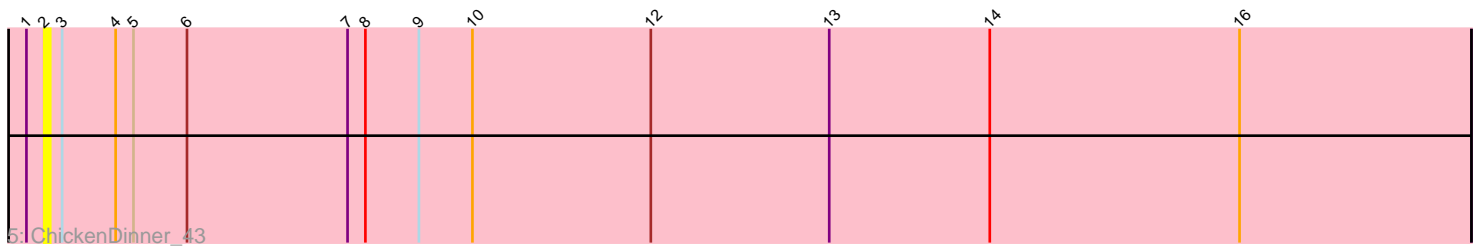
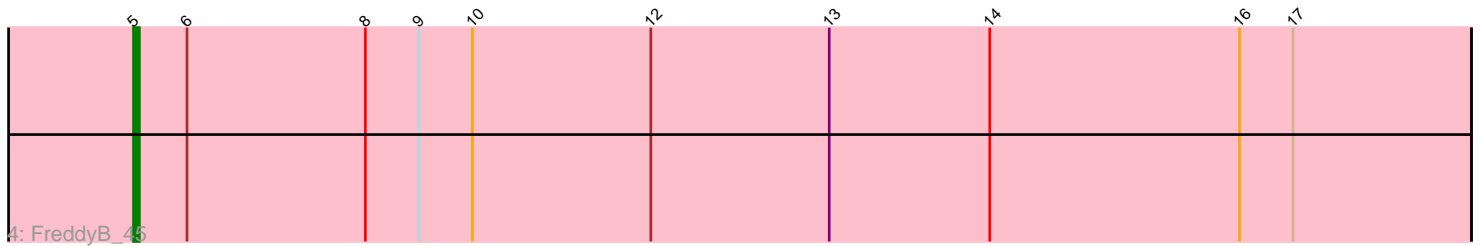
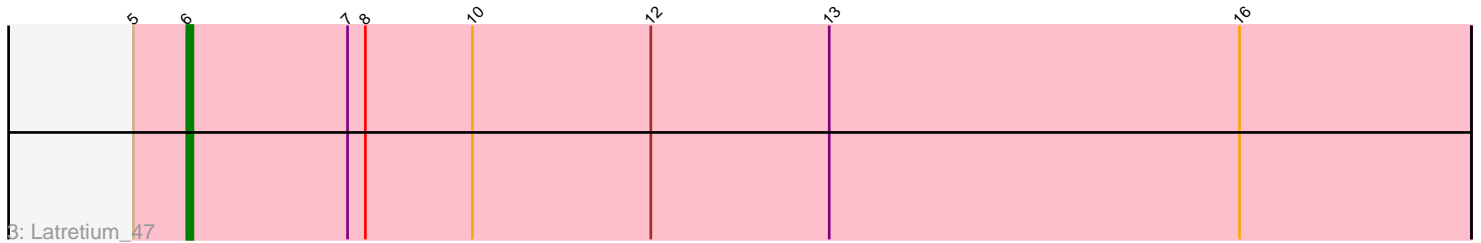
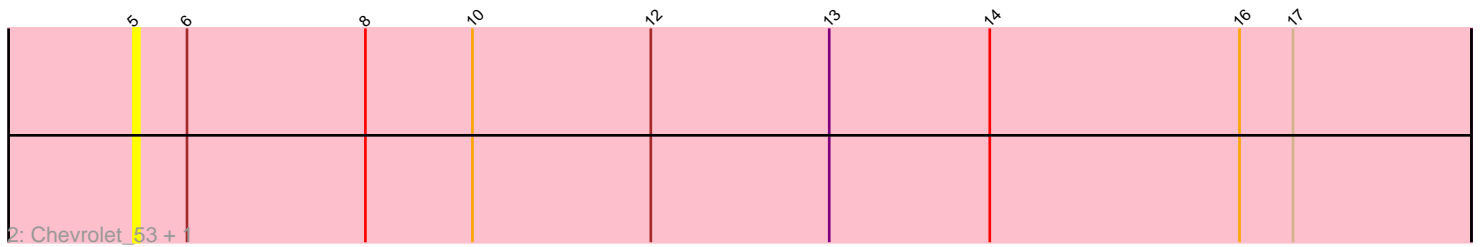
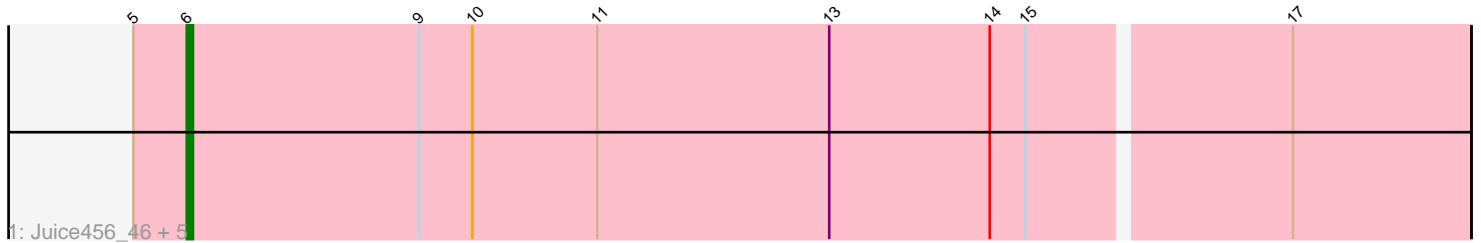


Pham 6520



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 6520 Report

This analysis was run 04/05/24 on database version 557.

Pham number 6520 has 12 members, 5 are drafts.

Phages represented in each track:

- Track 1 : Juice456_46, JalFarm20_54, Phalconet_43, XFactor_43, Soul22_48, LittleShirley_45
- Track 2 : Chevrolet_53, IbOuu_46
- Track 3 : Latretium_47
- Track 4 : FreddyB_45
- Track 5 : ChickenDinner_43
- Track 6 : PhesterPhotato_47

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 6 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- JalFarm20_54, Juice456_46, Latretium_47, LittleShirley_45, Phalconet_43, Soul22_48, XFactor_43,

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

- Chevrolet_53, ChickenDinner_43, FreddyB_45, IbOuu_46, PhesterPhotato_47,

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

-

Summary by start number:

Start 2:

- Found in 1 of 12 (8.3%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: ChickenDinner_43 (F1),

Start 5:

- Found in 12 of 12 (100.0%) of genes in pham
- Manual Annotations of this start: 1 of 7

- Called 33.3% of time when present
- Phage (with cluster) where this start called: Chevrolet_53 (F1), FreddyB_45 (F1), IbOuu_46 (F1), PhesterPhotato_47 (F1),

Start 6:

- Found in 12 of 12 (100.0%) of genes in pham
- Manual Annotations of this start: 6 of 7
- Called 58.3% of time when present
- Phage (with cluster) where this start called: JalFarm20_54 (F1), Juice456_46 (F1), Latretium_47 (F1), LittleShirley_45 (F1), Phalconet_43 (F1), Soul22_48 (F2), XFactor_43 (F1),

Summary by clusters:

There are 2 clusters represented in this pham: F1, F2,

Info for manual annotations of cluster F1:

- Start number 5 was manually annotated 1 time for cluster F1.
- Start number 6 was manually annotated 5 times for cluster F1.

Info for manual annotations of cluster F2:

- Start number 6 was manually annotated 1 time for cluster F2.

Gene Information:

Gene: Chevrolet_53 Start: 36269, Stop: 36493, Start Num: 5

Candidate Starts for Chevrolet_53:

(Start: 5 @36269 has 1 MA's), (Start: 6 @36278 has 6 MA's), (8, 36308), (10, 36326), (12, 36356), (13, 36386), (14, 36413), (16, 36455), (17, 36464),

Gene: ChickenDinner_43 Start: 33423, Stop: 33662, Start Num: 2

Candidate Starts for ChickenDinner_43:

(1, 33420), (2, 33423), (3, 33426), (4, 33435), (Start: 5 @33438 has 1 MA's), (Start: 6 @33447 has 6 MA's), (7, 33474), (8, 33477), (9, 33486), (10, 33495), (12, 33525), (13, 33555), (14, 33582), (16, 33624),

Gene: FreddyB_45 Start: 34132, Stop: 34356, Start Num: 5

Candidate Starts for FreddyB_45:

(Start: 5 @34132 has 1 MA's), (Start: 6 @34141 has 6 MA's), (8, 34171), (9, 34180), (10, 34189), (12, 34219), (13, 34249), (14, 34276), (16, 34318), (17, 34327),

Gene: IbOuu_46 Start: 34156, Stop: 34380, Start Num: 5

Candidate Starts for IbOuu_46:

(Start: 5 @34156 has 1 MA's), (Start: 6 @34165 has 6 MA's), (8, 34195), (10, 34213), (12, 34243), (13, 34273), (14, 34300), (16, 34342), (17, 34351),

Gene: JalFarm20_54 Start: 36699, Stop: 36911, Start Num: 6

Candidate Starts for JalFarm20_54:

(Start: 5 @36690 has 1 MA's), (Start: 6 @36699 has 6 MA's), (9, 36738), (10, 36747), (11, 36768), (13, 36807), (14, 36834), (15, 36840), (17, 36882),

Gene: Juice456_46 Start: 35346, Stop: 35558, Start Num: 6

Candidate Starts for Juice456_46:

(Start: 5 @35337 has 1 MA's), (Start: 6 @35346 has 6 MA's), (9, 35385), (10, 35394), (11, 35415), (13, 35454), (14, 35481), (15, 35487), (17, 35529),

Gene: Latretium_47 Start: 35220, Stop: 35435, Start Num: 6

Candidate Starts for Latretium_47:

(Start: 5 @35211 has 1 MA's), (Start: 6 @35220 has 6 MA's), (7, 35247), (8, 35250), (10, 35268), (12, 35298), (13, 35328), (16, 35397),

Gene: LittleShirley_45 Start: 35034, Stop: 35246, Start Num: 6

Candidate Starts for LittleShirley_45:

(Start: 5 @35025 has 1 MA's), (Start: 6 @35034 has 6 MA's), (9, 35073), (10, 35082), (11, 35103), (13, 35142), (14, 35169), (15, 35175), (17, 35217),

Gene: Phalconet_43 Start: 33754, Stop: 33966, Start Num: 6

Candidate Starts for Phalconet_43:

(Start: 5 @33745 has 1 MA's), (Start: 6 @33754 has 6 MA's), (9, 33793), (10, 33802), (11, 33823), (13, 33862), (14, 33889), (15, 33895), (17, 33937),

Gene: PhesterPhotato_47 Start: 34700, Stop: 34921, Start Num: 5

Candidate Starts for PhesterPhotato_47:

(Start: 5 @34700 has 1 MA's), (Start: 6 @34709 has 6 MA's), (9, 34748), (10, 34757), (11, 34778), (13, 34817), (14, 34844), (15, 34850), (17, 34892),

Gene: Soul22_48 Start: 34122, Stop: 34334, Start Num: 6

Candidate Starts for Soul22_48:

(Start: 5 @34113 has 1 MA's), (Start: 6 @34122 has 6 MA's), (9, 34161), (10, 34170), (11, 34191), (13, 34230), (14, 34257), (15, 34263), (17, 34305),

Gene: XFactor_43 Start: 34084, Stop: 34296, Start Num: 6

Candidate Starts for XFactor_43:

(Start: 5 @34075 has 1 MA's), (Start: 6 @34084 has 6 MA's), (9, 34123), (10, 34132), (11, 34153), (13, 34192), (14, 34219), (15, 34225), (17, 34267),