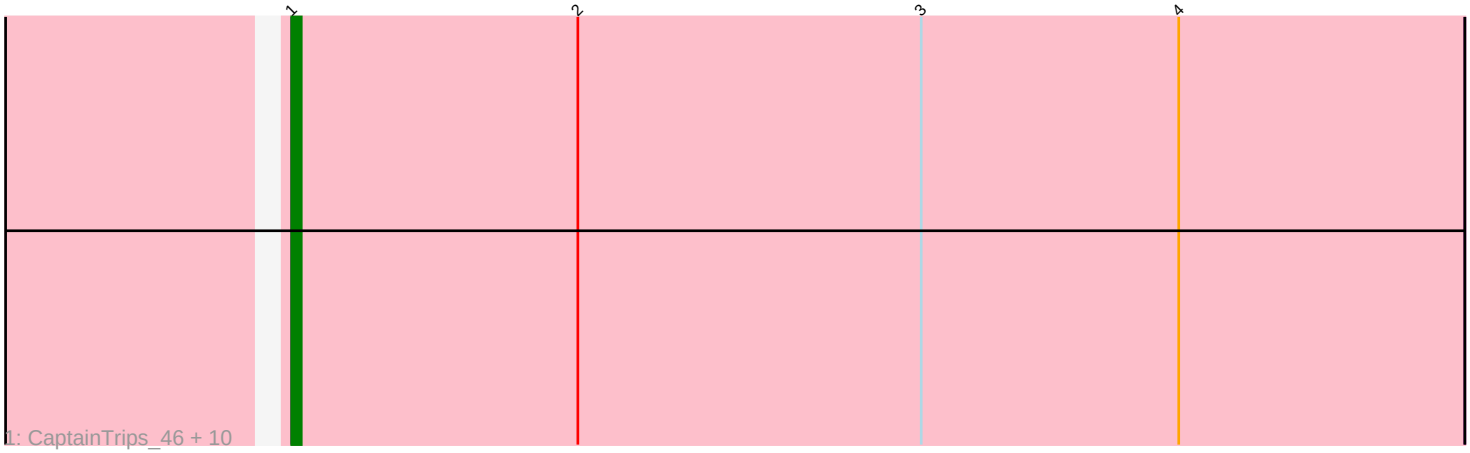
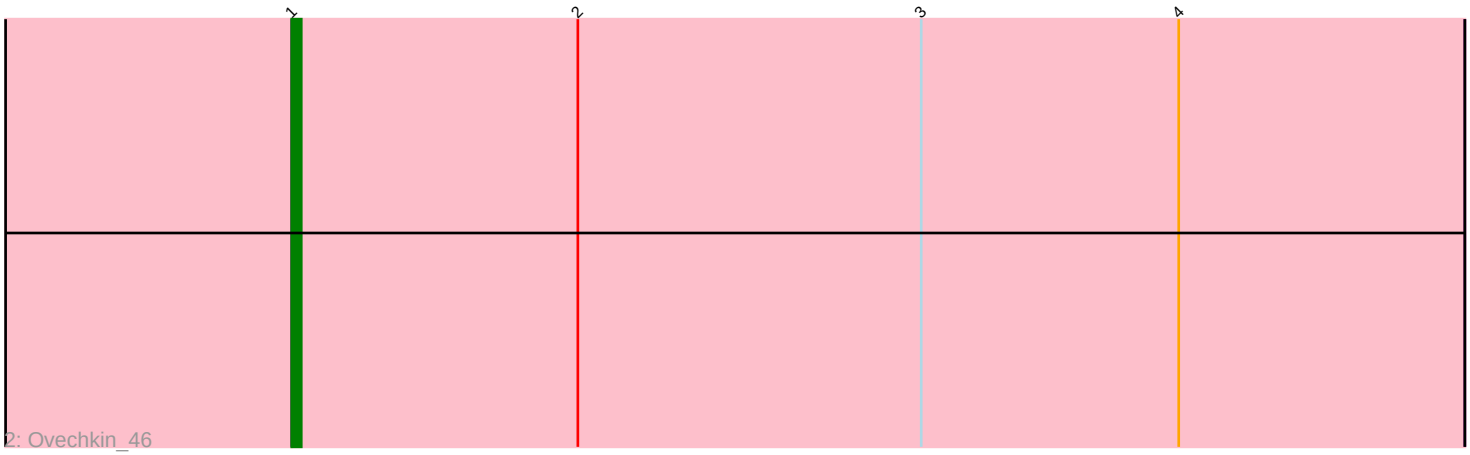
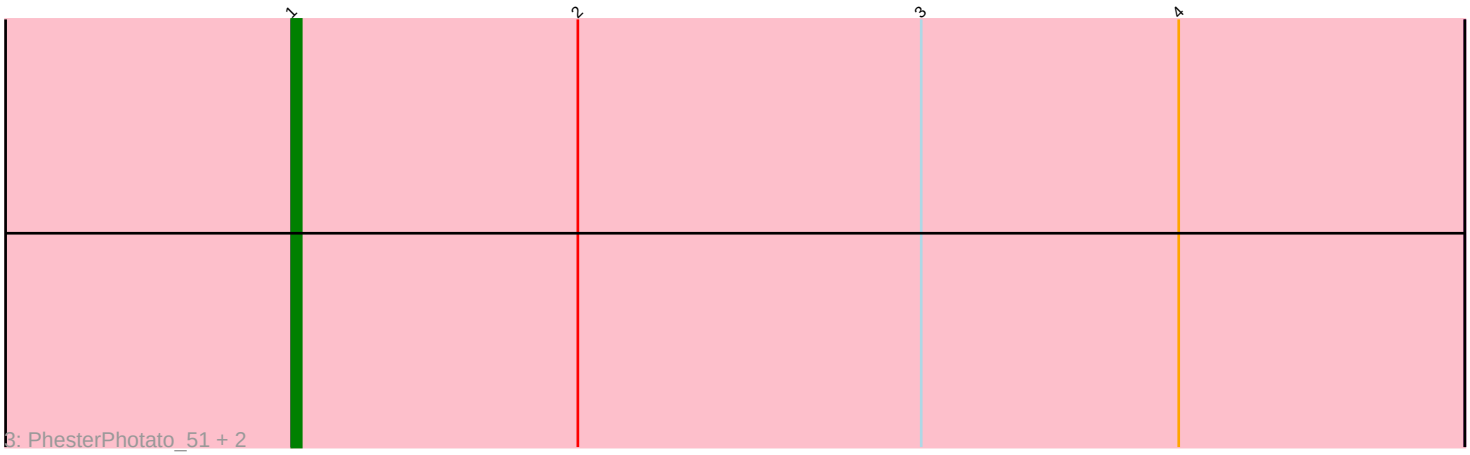
Pham 293245


1
2
3
4
1: CaptainTrips_46 + 10


1
2
3
4
2: Ovechkin_46


1
2
3
4
3: PhesterPhotato_51 + 2

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 293245 Report

This analysis was run 04/18/26 on database version 643.

Pham number 293245 has 15 members, 2 are drafts.

Phages represented in each track:
• Track 1 : CaptainTrips_46, Bobi_51, MinionDave_48, Beakin_51, XFactor_47, Melissauren88_47, Ms6_42, Mandlovu_46, Hegedechwinu_49, StAnnes_48, Hlubikazi_46
• Track 2 : Ovechkin_46
• Track 3 : PhesterPhotato_51, Phalconet_48, Medindi_47

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

The start number called the most often in the published annotations is 1, it was called in 13 of the 13 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Beakin_51, Bobi_51, CaptainTrips_46, Hegedechwinu_49, Hlubikazi_46, Mandlovu_46, Medindi_47, Melissauren88_47, MinionDave_48, Ms6_42, Ovechkin_46, Phalconet_48, PhesterPhotato_51, StAnnes_48, XFactor_47,

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 1:
• Found in 15 of 15 (100.0%) of genes in pham
• Manual Annotations of this start: 13 of 13
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Beakin_51 (F1), Bobi_51 (F1), CaptainTrips_46 (F1), Hegedechwinu_49 (F1), Hlubikazi_46 (F1), Mandlovu_46 (F1), Medindi_47 (F1), Melissauren88_47 (F1), MinionDave_48 (F1), Ms6_42 (F1), Ovechkin_46 (F1), Phalconet_48 (F1), PhesterPhotato_51 (F1), StAnnes_48 (F1), XFactor_47 (F1),

Summary by clusters:

There is one cluster represented in this pham: F1

Info for manual annotations of cluster F1:
•Start number 1 was manually annotated 13 times for cluster F1.

Gene Information:

Gene: Beakin_51 Start: 36341, Stop: 36463, Start Num: 1
Candidate Starts for Beakin_51:
(Start: 1 @36341 has 13 MA's), (2, 36371), (3, 36407), (4, 36434),

Gene: Bobi_51 Start: 37108, Stop: 37230, Start Num: 1
Candidate Starts for Bobi_51:
(Start: 1 @37108 has 13 MA's), (2, 37138), (3, 37174), (4, 37201),

Gene: CaptainTrips_46 Start: 35541, Stop: 35663, Start Num: 1
Candidate Starts for CaptainTrips_46:
(Start: 1 @35541 has 13 MA's), (2, 35571), (3, 35607), (4, 35634),

Gene: Hegedechwinu_49 Start: 35233, Stop: 35355, Start Num: 1
Candidate Starts for Hegedechwinu_49:
(Start: 1 @35233 has 13 MA's), (2, 35263), (3, 35299), (4, 35326),

Gene: Hlubikazi_46 Start: 34993, Stop: 35115, Start Num: 1
Candidate Starts for Hlubikazi_46:
(Start: 1 @34993 has 13 MA's), (2, 35023), (3, 35059), (4, 35086),

Gene: Mandlovu_46 Start: 34935, Stop: 35057, Start Num: 1
Candidate Starts for Mandlovu_46:
(Start: 1 @34935 has 13 MA's), (2, 34965), (3, 35001), (4, 35028),

Gene: Medindi_47 Start: 34714, Stop: 34836, Start Num: 1
Candidate Starts for Medindi_47:
(Start: 1 @34714 has 13 MA's), (2, 34744), (3, 34780), (4, 34807),

Gene: Melissauren88_47 Start: 35779, Stop: 35901, Start Num: 1
Candidate Starts for Melissauren88_47:
(Start: 1 @35779 has 13 MA's), (2, 35809), (3, 35845), (4, 35872),

Gene: MinionDave_48 Start: 36316, Stop: 36438, Start Num: 1
Candidate Starts for MinionDave_48:
(Start: 1 @36316 has 13 MA's), (2, 36346), (3, 36382), (4, 36409),

Gene: Ms6_42 Start: 30845, Stop: 30967, Start Num: 1
Candidate Starts for Ms6_42:
(Start: 1 @30845 has 13 MA's), (2, 30875), (3, 30911), (4, 30938),

Gene: Ovechkin_46 Start: 36166, Stop: 36288, Start Num: 1
Candidate Starts for Ovechkin_46:

(Start: 1 @36166 has 13 MA's), (2, 36196), (3, 36232), (4, 36259),

Gene: Phalconet_48 Start: 36086, Stop: 36208, Start Num: 1
Candidate Starts for Phalconet_48:
(Start: 1 @36086 has 13 MA's), (2, 36116), (3, 36152), (4, 36179),

Gene: PhesterPhotato_51 Start: 37041, Stop: 37163, Start Num: 1
Candidate Starts for PhesterPhotato_51:
(Start: 1 @37041 has 13 MA's), (2, 37071), (3, 37107), (4, 37134),

Gene: StAnnes_48 Start: 36758, Stop: 36880, Start Num: 1
Candidate Starts for StAnnes_48:
(Start: 1 @36758 has 13 MA's), (2, 36788), (3, 36824), (4, 36851),

Gene: XFactor_47 Start: 35487, Stop: 35609, Start Num: 1
Candidate Starts for XFactor_47:
(Start: 1 @35487 has 13 MA's), (2, 35517), (3, 35553), (4, 35580),