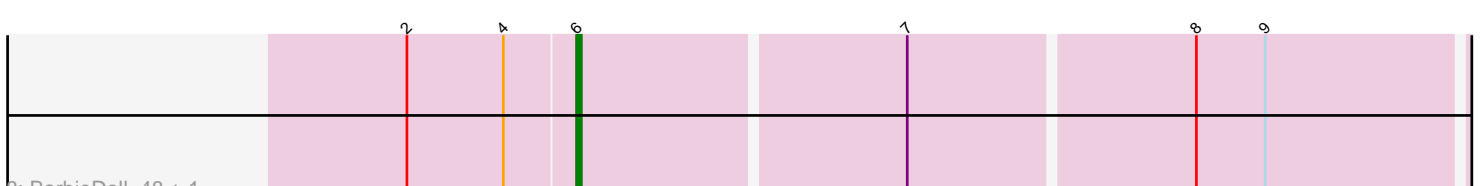
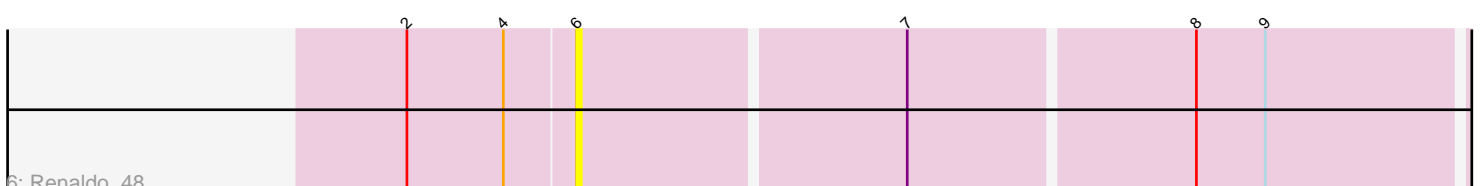
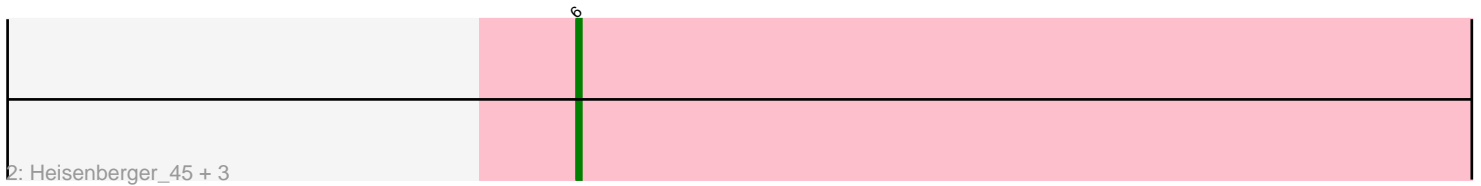
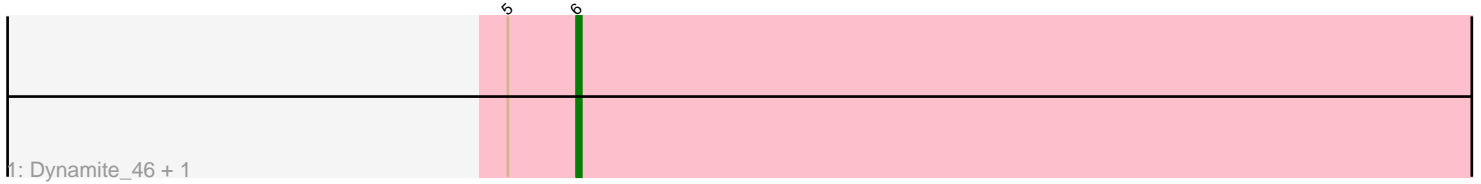


Pham 194424



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 194424 Report

This analysis was run 11/02/24 on database version 579.

Pham number 194424 has 16 members, 5 are drafts.

Phages represented in each track:

- Track 1 : Dynamite_46, NapoleonB_46
- Track 2 : Heisenberger_45, JEGGS_45, Circum_48, Mudcat_43
- Track 3 : Zeina_45
- Track 4 : Uzumaki_42, Argan_42, GantcherGoblin_43, Phaila_46
- Track 5 : Leathea_44
- Track 6 : Renaldo_48
- Track 7 : TrixiePhattel_46
- Track 8 : BarbieDoll_48, Lewando_46

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 11 of the 11 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Argan_42, BarbieDoll_48, Circum_48, Dynamite_46, GantcherGoblin_43, Heisenberger_45, JEGGS_45, Leathea_44, Lewando_46, Mudcat_43, NapoleonB_46, Phaila_46, Renaldo_48, TrixiePhattel_46, Uzumaki_42, Zeina_45,

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 16 of 16 (100.0%) of genes in pham
- Manual Annotations of this start: 11 of 11
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Argan_42 (AU6), BarbieDoll_48 (AU6), Circum_48 (AM), Dynamite_46 (AM), GantcherGoblin_43 (AU6), Heisenberger_45 (AM), JEGGS_45 (AM), Leathea_44 (AU6), Lewando_46 (AU6), Mudcat_43 (AM),

NapoleonB_46 (AM), Phaila_46 (AU6), Renaldo_48 (AU6), TrixiePhattel_46 (AU6), Uzumaki_42 (AU6), Zeina_45 (AU6),

Summary by clusters:

There are 2 clusters represented in this pham: AM, AU6,

Info for manual annotations of cluster AM:

•Start number 6 was manually annotated 6 times for cluster AM.

Info for manual annotations of cluster AU6:

•Start number 6 was manually annotated 5 times for cluster AU6.

Gene Information:

Gene: Argan_42 Start: 30951, Stop: 31151, Start Num: 6

Candidate Starts for Argan_42:

(Start: 6 @30951 has 11 MA's), (7, 31023), (8, 31080), (10, 31104), (12, 31110),

Gene: BarbieDoll_48 Start: 32954, Stop: 33151, Start Num: 6

Candidate Starts for BarbieDoll_48:

(2, 32918), (4, 32939), (Start: 6 @32954 has 11 MA's), (7, 33023), (8, 33083), (9, 33098),

Gene: Circum_48 Start: 31618, Stop: 31821, Start Num: 6

Candidate Starts for Circum_48:

(Start: 6 @31618 has 11 MA's),

Gene: Dynamite_46 Start: 31170, Stop: 31373, Start Num: 6

Candidate Starts for Dynamite_46:

(5, 31155), (Start: 6 @31170 has 11 MA's),

Gene: GantcherGoblin_43 Start: 31449, Stop: 31649, Start Num: 6

Candidate Starts for GantcherGoblin_43:

(Start: 6 @31449 has 11 MA's), (7, 31521), (8, 31578), (10, 31602), (12, 31608),

Gene: Heisenberger_45 Start: 30648, Stop: 30851, Start Num: 6

Candidate Starts for Heisenberger_45:

(Start: 6 @30648 has 11 MA's),

Gene: JEGGS_45 Start: 30702, Stop: 30905, Start Num: 6

Candidate Starts for JEGGS_45:

(Start: 6 @30702 has 11 MA's),

Gene: Leathea_44 Start: 31131, Stop: 31331, Start Num: 6

Candidate Starts for Leathea_44:

(1, 31032), (3, 31098), (Start: 6 @31131 has 11 MA's), (7, 31203), (10, 31284), (12, 31290),

Gene: Lewando_46 Start: 32740, Stop: 32937, Start Num: 6

Candidate Starts for Lewando_46:

(2, 32704), (4, 32725), (Start: 6 @32740 has 11 MA's), (7, 32809), (8, 32869), (9, 32884),

Gene: Mudcat_43 Start: 32061, Stop: 32264, Start Num: 6

Candidate Starts for Mudcat_43:

(Start: 6 @32061 has 11 MA's),

Gene: NapoleonB_46 Start: 31170, Stop: 31373, Start Num: 6

Candidate Starts for NapoleonB_46:

(5, 31155), (Start: 6 @31170 has 11 MA's),

Gene: Phaila_46 Start: 31342, Stop: 31542, Start Num: 6

Candidate Starts for Phaila_46:

(Start: 6 @31342 has 11 MA's), (7, 31414), (8, 31471), (10, 31495), (12, 31501),

Gene: Renaldo_48 Start: 33049, Stop: 33246, Start Num: 6

Candidate Starts for Renaldo_48:

(2, 33013), (4, 33034), (Start: 6 @33049 has 11 MA's), (7, 33118), (8, 33178), (9, 33193),

Gene: TrixiePhattel_46 Start: 31423, Stop: 31620, Start Num: 6

Candidate Starts for TrixiePhattel_46:

(2, 31387), (Start: 6 @31423 has 11 MA's), (7, 31495), (11, 31582),

Gene: Uzumaki_42 Start: 31442, Stop: 31642, Start Num: 6

Candidate Starts for Uzumaki_42:

(Start: 6 @31442 has 11 MA's), (7, 31514), (8, 31571), (10, 31595), (12, 31601),

Gene: Zeina_45 Start: 31758, Stop: 31958, Start Num: 6

Candidate Starts for Zeina_45:

(Start: 6 @31758 has 11 MA's), (7, 31830), (10, 31911), (12, 31917),