



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 269963 Report

This analysis was run 02/07/26 on database version 634.

Pham number 269963 has 13 members, 5 are drafts.

Phages represented in each track:

- Track 1 : Julie_42
- Track 2 : Yonex_45, Ryan_45, BigSherm_43
- Track 3 : IsHungry_39
- Track 4 : AllBusiness_41
- Track 5 : Dirdigger_45
- Track 6 : ToastyOats_47
- Track 7 : Donatella_43
- Track 8 : Nandita_45
- Track 9 : MillySue_43
- Track 10 : Popper_43
- Track 11 : Gusanita_42

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 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- AllBusiness_41, BigSherm_43, Dirdigger_45, Donatella_43, Gusanita_42, IsHungry_39, Julie_42, MillySue_43, Nandita_45, Popper_43, Ryan_45, ToastyOats_47, Yonex_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 13 of 13 (100.0%) of genes in pham
- Manual Annotations of this start: 8 of 8
- Called 100.0% of time when present

- Phage (with cluster) where this start called: AllBusiness_41 (FF), BigSherm_43 (FF), Dirtdigger_45 (FF), Donatella_43 (FF), Gusanita_42 (FF), IsHungry_39 (FF), Julie_42 (FF), MillySue_43 (FF), Nandita_45 (FF), Popper_43 (FF), Ryan_45 (FF), ToastyOats_47 (FF), Yonex_45 (FF),

Summary by clusters:

There is one cluster represented in this pham: FF

Info for manual annotations of cluster FF:

- Start number 6 was manually annotated 8 times for cluster FF.

Gene Information:

Gene: AllBusiness_41 Start: 31586, Stop: 32197, Start Num: 6

Candidate Starts for AllBusiness_41:

(2, 31499), (Start: 6 @31586 has 8 MA's), (10, 31919),

Gene: BigSherm_43 Start: 30358, Stop: 30864, Start Num: 6

Candidate Starts for BigSherm_43:

(4, 30325), (Start: 6 @30358 has 8 MA's), (9, 30508),

Gene: Dirdigger_45 Start: 31238, Stop: 31855, Start Num: 6

Candidate Starts for Dirdigger_45:

(Start: 6 @31238 has 8 MA's), (9, 31388), (10, 31571), (11, 31736),

Gene: Donatella_43 Start: 30831, Stop: 31337, Start Num: 6

Candidate Starts for Donatella_43:

(4, 30798), (Start: 6 @30831 has 8 MA's), (7, 30858), (9, 30981),

Gene: Gusanita_42 Start: 30992, Stop: 31609, Start Num: 6

Candidate Starts for Gusanita_42:

(3, 30956), (5, 30980), (Start: 6 @30992 has 8 MA's), (9, 31142), (10, 31325),

Gene: IsHungry_39 Start: 29178, Stop: 29774, Start Num: 6

Candidate Starts for IsHungry_39:

(Start: 6 @29178 has 8 MA's), (9, 29328), (10, 29511),

Gene: Julie_42 Start: 30946, Stop: 31563, Start Num: 6

Candidate Starts for Julie_42:

(Start: 6 @30946 has 8 MA's), (10, 31279),

Gene: MillySue_43 Start: 30776, Stop: 31390, Start Num: 6

Candidate Starts for MillySue_43:

(Start: 6 @30776 has 8 MA's), (8, 30839), (10, 31106),

Gene: Nandita_45 Start: 30585, Stop: 31091, Start Num: 6

Candidate Starts for Nandita_45:

(1, 30459), (Start: 6 @30585 has 8 MA's),

Gene: Popper_43 Start: 30514, Stop: 31131, Start Num: 6

Candidate Starts for Popper_43:

(Start: 6 @30514 has 8 MA's), (9, 30664), (10, 30847),

Gene: Ryan_45 Start: 31133, Stop: 31639, Start Num: 6

Candidate Starts for Ryan_45:

(4, 31100), (Start: 6 @31133 has 8 MA's), (9, 31283),

Gene: ToastyOats_47 Start: 30908, Stop: 31414, Start Num: 6

Candidate Starts for ToastyOats_47:

(4, 30875), (Start: 6 @30908 has 8 MA's),

Gene: Yonex_45 Start: 31133, Stop: 31639, Start Num: 6

Candidate Starts for Yonex_45:

(4, 31100), (Start: 6 @31133 has 8 MA's), (9, 31283),