Pham 281212


4
8
9
11
12
13
15
1: Coriander_54 + 1
1
2
5
6
7
8
11
12
15
2: GEazy_61 + 1
5
6
11
12
15
3: BackstagePass_62
5
6
7
8
11
12
15
4: Schnabeltier_59
3
5
6
7
8
11
12
15
5: Eyes_54
3
5
6
8
10
12
13
14
6: TaronosaurasRx_62

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 281212 Report

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

Pham number 281212 has 8 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Coriander_54, Doggs_52
• Track 2 : GEazy_61, HannahD_58
• Track 3 : BackstagePass_62
• Track 4 : Schnabeltier_59
• Track 5 : Eyes_54
• Track 6 : TaronosaurasRx_62

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

The start number called the most often in the published annotations is 5, it was called in 5 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• BackstagePass_62, Eyes_54, GEazy_61, HannahD_58, Schnabeltier_59, TaronosaurasRx_62,

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

Genes that do not have the "Most Annotated" start:
• Coriander_54, Doggs_52,

Summary by start number:

Start 4:
• Found in 2 of 8 (25.0%) of genes in pham
• Manual Annotations of this start: 2 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Coriander_54 (DB), Doggs_52 (DB),

Start 5:
• Found in 6 of 8 (75.0%) of genes in pham
• Manual Annotations of this start: 5 of 7
• Called 100.0% of time when present

• Phage (with cluster) where this start called: BackstagePass_62 (DB), Eyes_54 (DB), GEazy_61 (DB), HannahD_58 (DB), Schnabeltier_59 (DB), TaronosaurasRx_62 (DB),

Summary by clusters:

There is one cluster represented in this pham: DB

Info for manual annotations of cluster DB:
•Start number 4 was manually annotated 2 times for cluster DB.
•Start number 5 was manually annotated 5 times for cluster DB.

Gene Information:

Gene: BackstagePass_62 Start: 39231, Stop: 39605, Start Num: 5
Candidate Starts for BackstagePass_62:
(Start: 5 @39231 has 5 MA's), (6, 39261), (11, 39477), (12, 39507), (15, 39573),

Gene: Coriander_54 Start: 38252, Stop: 38635, Start Num: 4
Candidate Starts for Coriander_54:
(Start: 4 @38252 has 2 MA's), (8, 38462), (9, 38483), (11, 38507), (12, 38537), (13, 38549), (15, 38603),

Gene: Doggs_52 Start: 38571, Stop: 38954, Start Num: 4
Candidate Starts for Doggs_52:
(Start: 4 @38571 has 2 MA's), (8, 38781), (9, 38802), (11, 38826), (12, 38856), (13, 38868), (15, 38922),

Gene: Eyes_54 Start: 39592, Stop: 39966, Start Num: 5
Candidate Starts for Eyes_54:
(3, 39448), (Start: 5 @39592 has 5 MA's), (6, 39622), (7, 39700), (8, 39793), (11, 39838), (12, 39868), (15, 39934),

Gene: GEazy_61 Start: 39774, Stop: 40148, Start Num: 5
Candidate Starts for GEazy_61:
(1, 39486), (2, 39513), (Start: 5 @39774 has 5 MA's), (6, 39804), (7, 39882), (8, 39975), (11, 40020), (12, 40050), (15, 40116),

Gene: HannahD_58 Start: 39141, Stop: 39515, Start Num: 5
Candidate Starts for HannahD_58:
(1, 38853), (2, 38880), (Start: 5 @39141 has 5 MA's), (6, 39171), (7, 39249), (8, 39342), (11, 39387), (12, 39417), (15, 39483),

Gene: Schnabeltier_59 Start: 40175, Stop: 40549, Start Num: 5
Candidate Starts for Schnabeltier_59:
(Start: 5 @40175 has 5 MA's), (6, 40205), (7, 40283), (8, 40376), (11, 40421), (12, 40451), (15, 40517),

Gene: TaronosaurasRx_62 Start: 40175, Stop: 40549, Start Num: 5
Candidate Starts for TaronosaurasRx_62:
(3, 40028), (Start: 5 @40175 has 5 MA's), (6, 40205), (8, 40376), (10, 40409), (12, 40451), (13, 40463), (14, 40472),