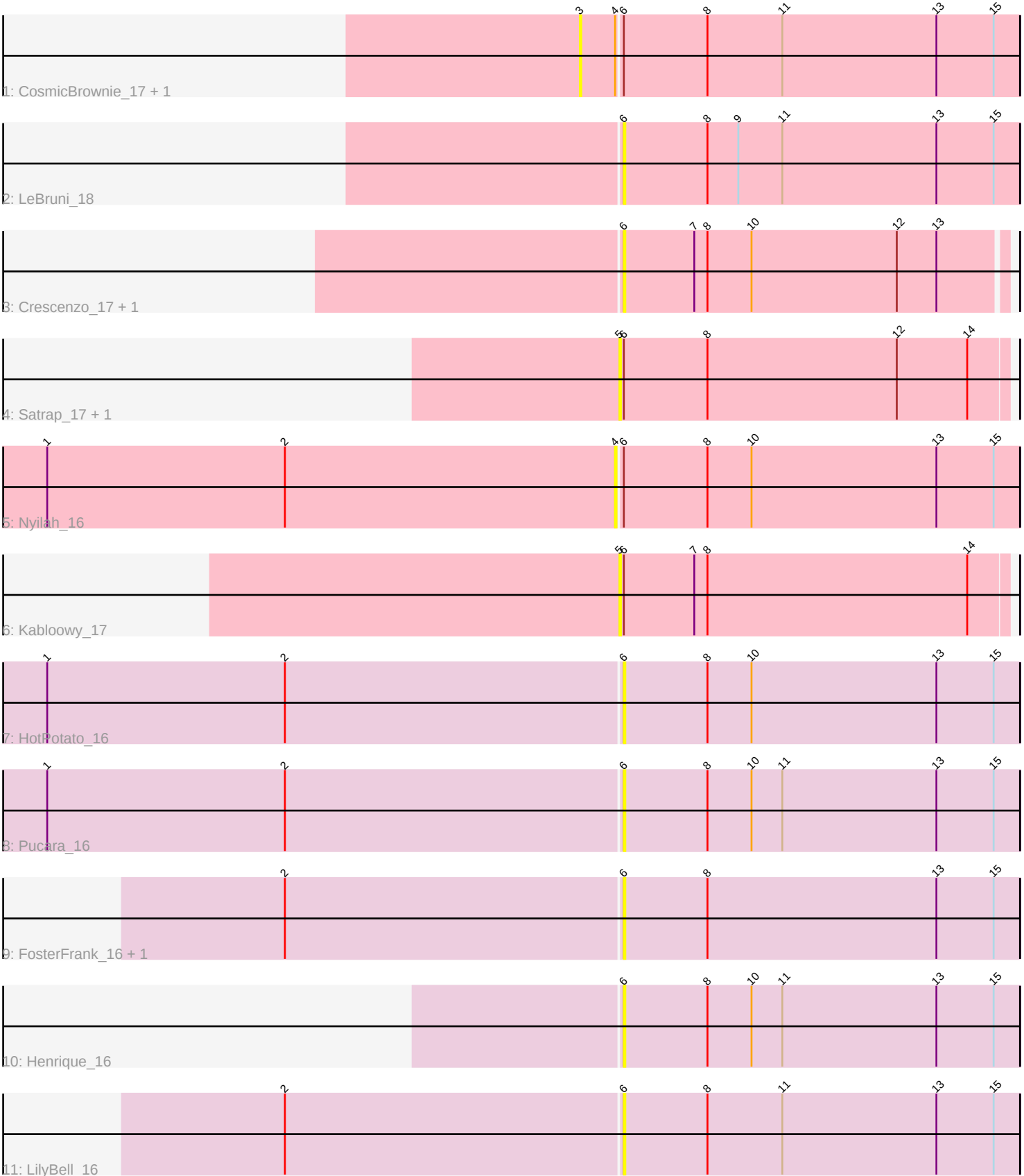


Pham 251164



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 251164 Report

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

Pham number 251164 has 15 members, 15 are drafts.

Phages represented in each track:

- Track 1 : CosmicBrownie_17, GumGum_17
- Track 2 : LeBruni_18
- Track 3 : Crescenzo_17, DarwinJr_20
- Track 4 : Satrap_17, Shukran_17
- Track 5 : Nyilah_16
- Track 6 : Kabloowy_17
- Track 7 : HotPotato_16
- Track 8 : Pucara_16
- Track 9 : FosterFrank_16, NidoQ_16
- Track 10 : Henrique_16
- Track 11 : LilyBell_16

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

This pham is comprised of all draft annotations. There are no annotations to summarize.

Summary by start number:

Start 3:

- Found in 2 of 15 (13.3%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: CosmicBrownie_17 (AY), GumGum_17 (AY),

Start 4:

- Found in 3 of 15 (20.0%) of genes in pham
- No Manual Annotations of this start.
- Called 33.3% of time when present
- Phage (with cluster) where this start called: Nyilah_16 (AY),

Start 5:

- Found in 3 of 15 (20.0%) of genes in pham
- No Manual Annotations of this start.

- Called 100.0% of time when present
- Phage (with cluster) where this start called: Kabloowy_17 (AY), Satrap_17 (AY), Shukran_17 (AY),

Start 6:

- Found in 15 of 15 (100.0%) of genes in pham
- No Manual Annotations of this start.
- Called 60.0% of time when present
- Phage (with cluster) where this start called: Crescenzo_17 (AY), DarwinJr_20 (AY), FosterFrank_16 (FA), Henrique_16 (FA), HotPotato_16 (FA), LeBruni_18 (AY), LilyBell_16 (FA), NidoQ_16 (FA), Pucara_16 (FA),

Summary by clusters:

There are 2 clusters represented in this pham: AY, FA,

Gene Information:

Gene: CosmicBrownie_17 Start: 10334, Stop: 10630, Start Num: 3

Candidate Starts for CosmicBrownie_17:

(3, 10334), (4, 10358), (6, 10361), (8, 10418), (11, 10469), (13, 10574), (15, 10613),

Gene: Crescenzo_17 Start: 10322, Stop: 10579, Start Num: 6

Candidate Starts for Crescenzo_17:

(6, 10322), (7, 10370), (8, 10379), (10, 10409), (12, 10508), (13, 10535),

Gene: DarwinJr_20 Start: 11626, Stop: 11883, Start Num: 6

Candidate Starts for DarwinJr_20:

(6, 11626), (7, 11674), (8, 11683), (10, 11713), (12, 11812), (13, 11839),

Gene: FosterFrank_16 Start: 10401, Stop: 10670, Start Num: 6

Candidate Starts for FosterFrank_16:

(2, 10173), (6, 10401), (8, 10458), (13, 10614), (15, 10653),

Gene: GumGum_17 Start: 10325, Stop: 10621, Start Num: 3

Candidate Starts for GumGum_17:

(3, 10325), (4, 10349), (6, 10352), (8, 10409), (11, 10460), (13, 10565), (15, 10604),

Gene: Henrique_16 Start: 10401, Stop: 10670, Start Num: 6

Candidate Starts for Henrique_16:

(6, 10401), (8, 10458), (10, 10488), (11, 10509), (13, 10614), (15, 10653),

Gene: HotPotato_16 Start: 10405, Stop: 10674, Start Num: 6

Candidate Starts for HotPotato_16:

(1, 10015), (2, 10177), (6, 10405), (8, 10462), (10, 10492), (13, 10618), (15, 10657),

Gene: Kabloowy_17 Start: 10369, Stop: 10632, Start Num: 5

Candidate Starts for Kabloowy_17:

(5, 10369), (6, 10372), (7, 10420), (8, 10429), (14, 10606),

Gene: LeBruni_18 Start: 10296, Stop: 10565, Start Num: 6

Candidate Starts for LeBruni_18:

(6, 10296), (8, 10353), (9, 10374), (11, 10404), (13, 10509), (15, 10548),

Gene: LilyBell_16 Start: 10417, Stop: 10686, Start Num: 6

Candidate Starts for LilyBell_16:

(2, 10189), (6, 10417), (8, 10474), (11, 10525), (13, 10630), (15, 10669),

Gene: NidoQ_16 Start: 10460, Stop: 10729, Start Num: 6

Candidate Starts for NidoQ_16:

(2, 10232), (6, 10460), (8, 10517), (13, 10673), (15, 10712),

Gene: Nyilah_16 Start: 10390, Stop: 10662, Start Num: 4

Candidate Starts for Nyilah_16:

(1, 10003), (2, 10165), (4, 10390), (6, 10393), (8, 10450), (10, 10480), (13, 10606), (15, 10645),

Gene: Pucara_16 Start: 10404, Stop: 10673, Start Num: 6

Candidate Starts for Pucara_16:

(1, 10014), (2, 10176), (6, 10404), (8, 10461), (10, 10491), (11, 10512), (13, 10617), (15, 10656),

Gene: Satrap_17 Start: 10235, Stop: 10498, Start Num: 5

Candidate Starts for Satrap_17:

(5, 10235), (6, 10238), (8, 10295), (12, 10424), (14, 10472),

Gene: Shukran_17 Start: 10235, Stop: 10498, Start Num: 5

Candidate Starts for Shukran_17:

(5, 10235), (6, 10238), (8, 10295), (12, 10424), (14, 10472),