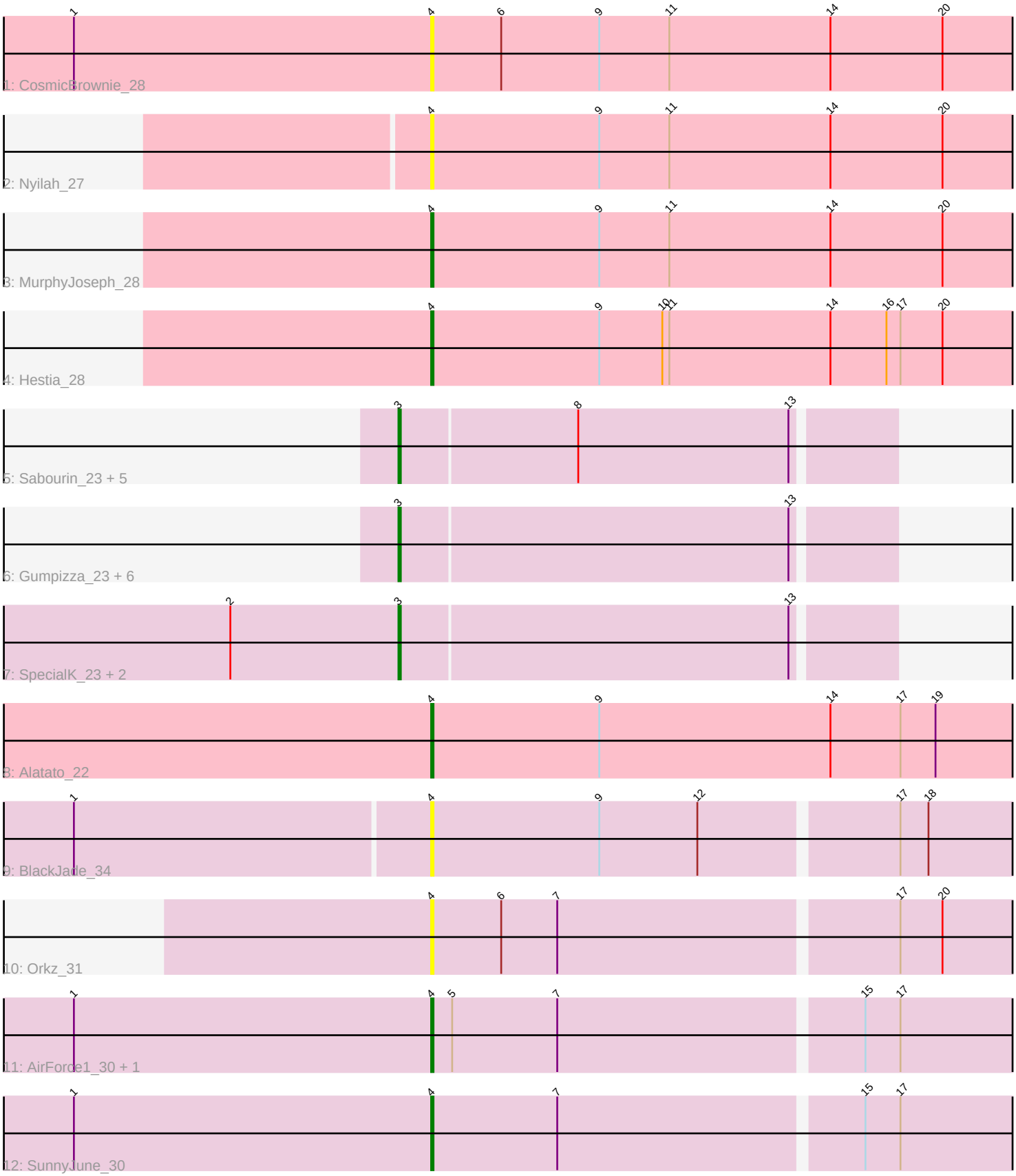
Pham 335191


1
4
6
9
11
14
20
1: CosmicBrownie_28
4
9
11
14
20
2: Nyilah_27
4
9
11
14
20
3: MurphyJoseph_28
4
9
10
11
14
16
17
20
4: Hestia_28
3
8
13
5: Sabourin_23 + 5
3
13
6: Gumpizza_23 + 6
2
3
13
7: SpecialK_23 + 2
4
9
14
17
19
8: Alatato_22
1
4
9
12
17
18
9: BlackJade_34
4
6
7
17
20
10: Orkz_31
1
4
5
7
15
17
11: AirForce1_30 + 1
1
4
7
15
17
12: SunnyJune_30

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 335191 Report

This analysis was run 11/14/26 on database version 672.

Pham number 335191 has 26 members, 4 are drafts.

Phages represented in each track:
• Track 1 : CosmicBrownie_28
• Track 2 : Nyilah_27
• Track 3 : MurphyJoseph_28
• Track 4 : Hestia_28
• Track 5 : Sabourin_23, Sooty_23, Kalimba_23, Cappuccino_23, Gambol_23, Donkey_23
• Track 6 : Gumpizza_23, Beaupre_23, Mysterium_23, Stuu_23, Ashes_23, Giorgio_23, RockScotty_23
• Track 7 : SpecialK_23, Halsey_23, Moss_23
• Track 8 : Alatato_22
• Track 9 : BlackJade_34
• Track 10 : Orkz_31
• Track 11 : AirForce1_30, Jinkies_31
• Track 12 : SunnyJune_30

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

The start number called the most often in the published annotations is 3, it was called in 16 of the 22 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Ashes_23, Beaupre_23, Cappuccino_23, Donkey_23, Gambol_23, Giorgio_23, Gumpizza_23, Halsey_23, Kalimba_23, Moss_23, Mysterium_23, RockScotty_23, Sabourin_23, Sooty_23, SpecialK_23, Stuu_23,

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

Genes that do not have the "Most Annotated" start:
• AirForce1_30, Alatato_22, BlackJade_34, CosmicBrownie_28, Hestia_28, Jinkies_31, MurphyJoseph_28, Nyilah_27, Orkz_31, SunnyJune_30,

Summary by start number:

Start 3:
• Found in 16 of 26 (61.5%) of genes in pham
• Manual Annotations of this start: 16 of 22
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Ashes_23 (AZ5), Beaupre_23 (AZ5), Cappuccino_23 (AZ5), Donkey_23 (AZ5), Gambol_23 (AZ5), Giorgio_23 (AZ5), Gumpizza_23 (AZ5), Halsey_23 (AZ5), Kalimba_23 (AZ5), Moss_23 (AZ5), Mysterium_23 (AZ5), RockScotty_23 (AZ5), Sabourin_23 (AZ5), Sooty_23 (AZ5), SpecialK_23 (AZ5), Stuu_23 (AZ5),

Start 4:
• Found in 10 of 26 (38.5%) of genes in pham
• Manual Annotations of this start: 6 of 22
• Called 100.0% of time when present
• Phage (with cluster) where this start called: AirForce1_30 (FL), Alatato_22 (FB), BlackJade_34 (FL), CosmicBrownie_28 (AY), Hestia_28 (AY), Jinkies_31 (FL), MurphyJoseph_28 (AY), Nyilah_27 (AY), Orkz_31 (FL), SunnyJune_30 (FL),

Summary by clusters:

There are 4 clusters represented in this pham: AY, FB, FL, AZ5,

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

Info for manual annotations of cluster AZ5:
•Start number 3 was manually annotated 16 times for cluster AZ5.

Info for manual annotations of cluster FB:
•Start number 4 was manually annotated 1 time for cluster FB.

Info for manual annotations of cluster FL:
•Start number 4 was manually annotated 3 times for cluster FL.

Gene Information:

Gene: AirForce1_30 Start: 22259, Stop: 22513, Start Num: 4
Candidate Starts for AirForce1_30:
(1, 22106), (Start: 4 @22259 has 6 MA's), (5, 22268), (7, 22313), (15, 22439), (17, 22454),

Gene: Alatato_22 Start: 17463, Stop: 17723, Start Num: 4
Candidate Starts for Alatato_22:
(Start: 4 @17463 has 6 MA's), (9, 17535), (14, 17634), (17, 17664), (19, 17679),

Gene: Ashes_23 Start: 18268, Stop: 18474, Start Num: 3
Candidate Starts for Ashes_23:
(Start: 3 @18268 has 16 MA's), (13, 18433),

Gene: Beaupre_23 Start: 18269, Stop: 18475, Start Num: 3
Candidate Starts for Beaupre_23:
(Start: 3 @18269 has 16 MA's), (13, 18434),

Gene: BlackJade_34 Start: 24870, Stop: 25124, Start Num: 4
Candidate Starts for BlackJade_34:
(1, 24720), (Start: 4 @24870 has 6 MA's), (9, 24942), (12, 24984), (17, 25065), (18, 25077),

Gene: Cappuccino_23 Start: 18179, Stop: 18385, Start Num: 3
Candidate Starts for Cappuccino_23:
(Start: 3 @18179 has 16 MA's), (8, 18254), (13, 18344),

Gene: CosmicBrownie_28 Start: 20183, Stop: 20443, Start Num: 4
Candidate Starts for CosmicBrownie_28:
(1, 20030), (Start: 4 @20183 has 6 MA's), (6, 20213), (9, 20255), (11, 20285), (14, 20354), (20, 20402),

Gene: Donkey_23 Start: 18179, Stop: 18385, Start Num: 3
Candidate Starts for Donkey_23:
(Start: 3 @18179 has 16 MA's), (8, 18254), (13, 18344),

Gene: Gambol_23 Start: 18179, Stop: 18385, Start Num: 3
Candidate Starts for Gambol_23:
(Start: 3 @18179 has 16 MA's), (8, 18254), (13, 18344),

Gene: Giorgio_23 Start: 18276, Stop: 18482, Start Num: 3
Candidate Starts for Giorgio_23:
(Start: 3 @18276 has 16 MA's), (13, 18441),

Gene: Gumpizza_23 Start: 18269, Stop: 18475, Start Num: 3
Candidate Starts for Gumpizza_23:
(Start: 3 @18269 has 16 MA's), (13, 18434),

Gene: Halsey_23 Start: 18274, Stop: 18480, Start Num: 3
Candidate Starts for Halsey_23:
(2, 18202), (Start: 3 @18274 has 16 MA's), (13, 18439),

Gene: Hestia_28 Start: 20403, Stop: 20663, Start Num: 4
Candidate Starts for Hestia_28:
(Start: 4 @20403 has 6 MA's), (9, 20475), (10, 20502), (11, 20505), (14, 20574), (16, 20598), (17, 20604), (20, 20622),

Gene: Jinkies_31 Start: 24736, Stop: 24990, Start Num: 4
Candidate Starts for Jinkies_31:
(1, 24583), (Start: 4 @24736 has 6 MA's), (5, 24745), (7, 24790), (15, 24916), (17, 24931),

Gene: Kalimba_23 Start: 18180, Stop: 18386, Start Num: 3
Candidate Starts for Kalimba_23:
(Start: 3 @18180 has 16 MA's), (8, 18255), (13, 18345),

Gene: Moss_23 Start: 18269, Stop: 18475, Start Num: 3
Candidate Starts for Moss_23:
(2, 18197), (Start: 3 @18269 has 16 MA's), (13, 18434),

Gene: MurphyJoseph_28 Start: 20309, Stop: 20569, Start Num: 4
Candidate Starts for MurphyJoseph_28:
(Start: 4 @20309 has 6 MA's), (9, 20381), (11, 20411), (14, 20480), (20, 20528),

Gene: Mysterium_23 Start: 18269, Stop: 18475, Start Num: 3
Candidate Starts for Mysterium_23:
(Start: 3 @18269 has 16 MA's), (13, 18434),

Gene: Nyilah_27 Start: 20212, Stop: 20472, Start Num: 4
Candidate Starts for Nyilah_27:
(Start: 4 @20212 has 6 MA's), (9, 20284), (11, 20314), (14, 20383), (20, 20431),

Gene: Orkz_31 Start: 21461, Stop: 21715, Start Num: 4
Candidate Starts for Orkz_31:
(Start: 4 @21461 has 6 MA's), (6, 21491), (7, 21515), (17, 21656), (20, 21674),

Gene: RockScotty_23 Start: 18245, Stop: 18451, Start Num: 3
Candidate Starts for RockScotty_23:
(Start: 3 @18245 has 16 MA's), (13, 18410),

Gene: Sabourin_23 Start: 18178, Stop: 18384, Start Num: 3
Candidate Starts for Sabourin_23:
(Start: 3 @18178 has 16 MA's), (8, 18253), (13, 18343),

Gene: Sooty_23 Start: 18181, Stop: 18387, Start Num: 3
Candidate Starts for Sooty_23:
(Start: 3 @18181 has 16 MA's), (8, 18256), (13, 18346),

Gene: SpecialK_23 Start: 18176, Stop: 18382, Start Num: 3
Candidate Starts for SpecialK_23:
(2, 18104), (Start: 3 @18176 has 16 MA's), (13, 18341),

Gene: Stuu_23 Start: 18268, Stop: 18474, Start Num: 3
Candidate Starts for Stuu_23:
(Start: 3 @18268 has 16 MA's), (13, 18433),

Gene: SunnyJune_30 Start: 23435, Stop: 23689, Start Num: 4
Candidate Starts for SunnyJune_30:
(1, 23282), (Start: 4 @23435 has 6 MA's), (7, 23489), (15, 23615), (17, 23630),