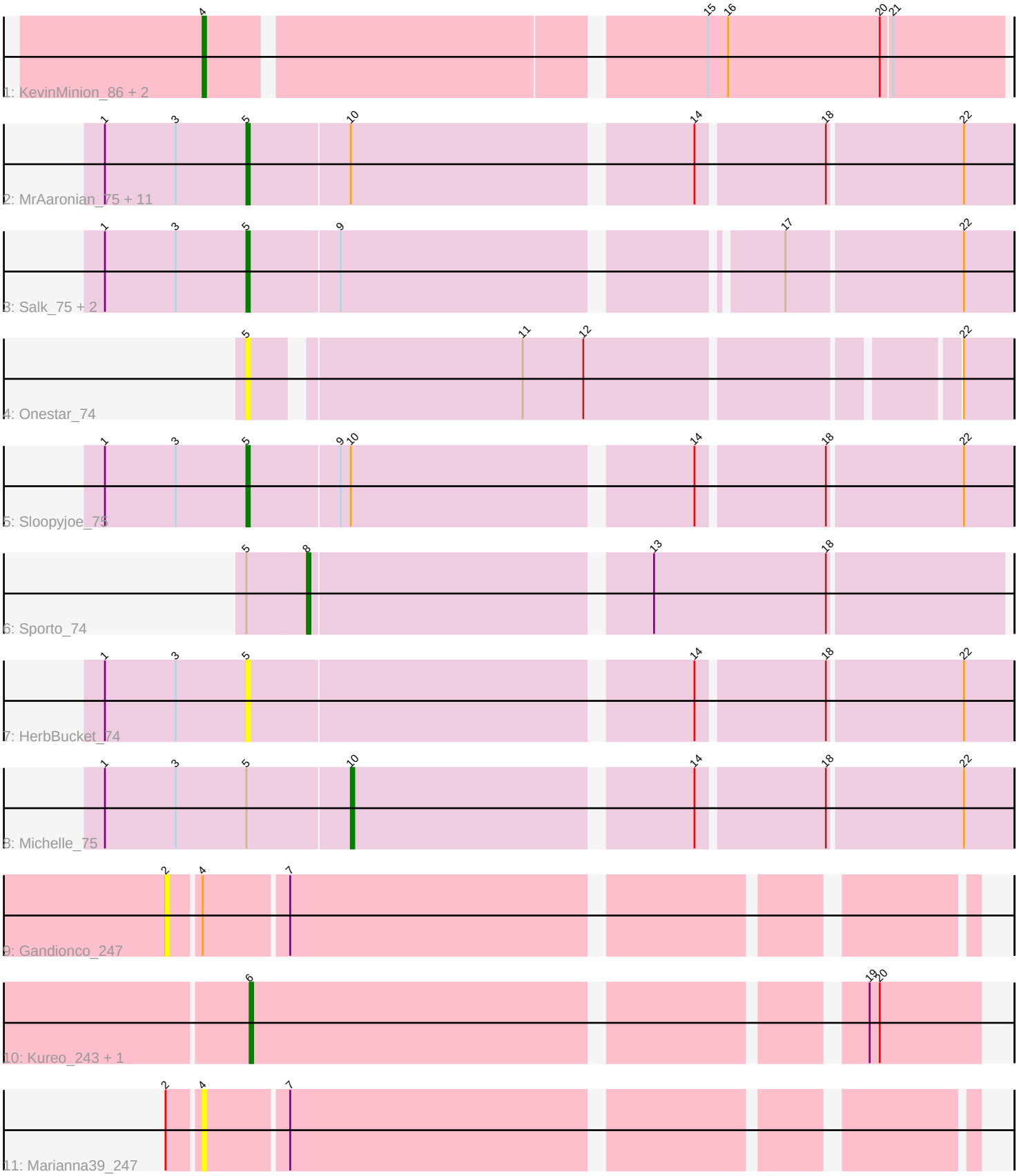
Pham 342464


4
15
16
20
21
1: KevinMinion_86 + 2
1
3
5
10
14
18
22
2: MrAaronian_75 + 11
1
3
5
9
17
22
3: Salk_75 + 2
5
11
12
22
4: Onestar_74
1
3
5
9
10
14
18
22
5: Sloopyjoe_75
5
8
13
18
6: Sporto_74
1
3
5
14
18
22
7: HerbBucket_74
1
3
5
10
14
18
22
8: Michelle_75
2
4
7
9: Gandionco_247
6
19
20
10: Kureo_243 + 1
2
4
7
11: Marianna39_247

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 342464 Report

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

Pham number 342464 has 27 members, 6 are drafts.

Phages represented in each track:
• Track 1 : KevinMinion_86, Argan_88, Uzumaki_88
• Track 2 : MrAaronian_75, DoctorPepper_74, Djungelskog_74, Spain_75, Egad_75, Stayer_75, Raunak_75, StarLord_75, BronxBay_75, Shiba_74, ProfFrink_75, Jeremy4pt0_74
• Track 3 : Salk_75, Linda_75, Boog_74
• Track 4 : Onestar_74
• Track 5 : Sloopyjoe_75
• Track 6 : Sporto_74
• Track 7 : HerbBucket_74
• Track 8 : Michelle_75
• Track 9 : Gandionco_247
• Track 10 : Kureo_243, JeNeSaisPas_249
• Track 11 : Marianna39_247

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 15 of the 21 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Boog_74, BronxBay_75, Djungelskog_74, DoctorPepper_74, Egad_75, HerbBucket_74, Jeremy4pt0_74, Linda_75, MrAaronian_75, Onestar_74, ProfFrink_75, Raunak_75, Salk_75, Shiba_74, Sloopyjoe_75, Spain_75, StarLord_75, Stayer_75,

Genes that have the "Most Annotated" start but do not call it:
• Michelle_75, Sporto_74,

Genes that do not have the "Most Annotated" start:
• Argan_88, Gandionco_247, JeNeSaisPas_249, KevinMinion_86, Kureo_243, Marianna39_247, Uzumaki_88,

Summary by start number:

Start 2:
• Found in 2 of 27 (7.4%) of genes in pham
• No Manual Annotations of this start.
• Called 50.0% of time when present
• Phage (with cluster) where this start called: Gandionco_247 (FK),

Start 4:
• Found in 5 of 27 (18.5%) of genes in pham
• Manual Annotations of this start: 3 of 21
• Called 80.0% of time when present
• Phage (with cluster) where this start called: Argan_88 (AU6), KevinMinion_86 (AU6), Marianna39_247 (FK), Uzumaki_88 (AU6),

Start 5:
• Found in 20 of 27 (74.1%) of genes in pham
• Manual Annotations of this start: 15 of 21
• Called 90.0% of time when present
• Phage (with cluster) where this start called: Boog_74 (AW), BronxBay_75 (AW), Djungelskog_74 (AW), DoctorPepper_74 (AW), Egad_75 (AW), HerbBucket_74 (AW), Jeremy4pt0_74 (AW), Linda_75 (AW), MrAaronian_75 (AW), Onestar_74 (AW), ProfFrink_75 (AW), Raunak_75 (AW), Salk_75 (AW), Shiba_74 (AW), Sloopyjoe_75 (AW), Spain_75 (AW), StarLord_75 (AW), Stayer_75 (AW),

Start 6:
• Found in 2 of 27 (7.4%) of genes in pham
• Manual Annotations of this start: 1 of 21
• Called 100.0% of time when present
• Phage (with cluster) where this start called: JeNeSaisPas_249 (FK), Kureo_243 (FK),

Start 8:
• Found in 1 of 27 (3.7%) of genes in pham
• Manual Annotations of this start: 1 of 21
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Sporto_74 (AW),

Start 10:
• Found in 14 of 27 (51.9%) of genes in pham
• Manual Annotations of this start: 1 of 21
• Called 7.1% of time when present
• Phage (with cluster) where this start called: Michelle_75 (AW),

Summary by clusters:

There are 3 clusters represented in this pham: FK, AW, AU6,

Info for manual annotations of cluster AU6:
•Start number 4 was manually annotated 3 times for cluster AU6.

Info for manual annotations of cluster AW:
•Start number 5 was manually annotated 15 times for cluster AW.
•Start number 8 was manually annotated 1 time for cluster AW.
•Start number 10 was manually annotated 1 time for cluster AW.

Info for manual annotations of cluster FK:
•Start number 6 was manually annotated 1 time for cluster FK.

Gene Information:

Gene: Argan_88 Start: 50665, Stop: 50889, Start Num: 4
Candidate Starts for Argan_88:
(Start: 4 @50665 has 3 MA's), (15, 50803), (16, 50809), (20, 50854), (21, 50857),

Gene: Boog_74 Start: 47092, Stop: 47304, Start Num: 5
Candidate Starts for Boog_74:
(1, 47050), (3, 47071), (Start: 5 @47092 has 15 MA's), (9, 47119), (17, 47239), (22, 47290),

Gene: BronxBay_75 Start: 47373, Stop: 47588, Start Num: 5
Candidate Starts for BronxBay_75:
(1, 47331), (3, 47352), (Start: 5 @47373 has 15 MA's), (Start: 10 @47403 has 1 MA's), (14, 47499), (18, 47535), (22, 47574),

Gene: Djungelskog_74 Start: 47375, Stop: 47590, Start Num: 5
Candidate Starts for Djungelskog_74:
(1, 47333), (3, 47354), (Start: 5 @47375 has 15 MA's), (Start: 10 @47405 has 1 MA's), (14, 47501), (18, 47537), (22, 47576),

Gene: DoctorPepper_74 Start: 47068, Stop: 47283, Start Num: 5
Candidate Starts for DoctorPepper_74:
(1, 47026), (3, 47047), (Start: 5 @47068 has 15 MA's), (Start: 10 @47098 has 1 MA's), (14, 47194), (18, 47230), (22, 47269),

Gene: Egad_75 Start: 47342, Stop: 47557, Start Num: 5
Candidate Starts for Egad_75:
(1, 47300), (3, 47321), (Start: 5 @47342 has 15 MA's), (Start: 10 @47372 has 1 MA's), (14, 47468), (18, 47504), (22, 47543),

Gene: Gandionco_247 Start: 109197, Stop: 109415, Start Num: 2
Candidate Starts for Gandionco_247:
(2, 109197), (Start: 4 @109206 has 3 MA's), (7, 109230),

Gene: HerbBucket_74 Start: 47074, Stop: 47289, Start Num: 5
Candidate Starts for HerbBucket_74:
(1, 47032), (3, 47053), (Start: 5 @47074 has 15 MA's), (14, 47200), (18, 47236), (22, 47275),

Gene: JeNeSaisPas_249 Start: 109195, Stop: 109395, Start Num: 6
Candidate Starts for JeNeSaisPas_249:
(Start: 6 @109195 has 1 MA's), (19, 109363), (20, 109366),

Gene: Jeremy4pt0_74 Start: 47060, Stop: 47275, Start Num: 5
Candidate Starts for Jeremy4pt0_74:
(1, 47018), (3, 47039), (Start: 5 @47060 has 15 MA's), (Start: 10 @47090 has 1 MA's), (14, 47186), (18, 47222), (22, 47261),

Gene: KevinMinion_86 Start: 51657, Stop: 51881, Start Num: 4
Candidate Starts for KevinMinion_86:
(Start: 4 @51657 has 3 MA's), (15, 51795), (16, 51801), (20, 51846), (21, 51849),

Gene: Kureo_243 Start: 107418, Stop: 107618, Start Num: 6
Candidate Starts for Kureo_243:
(Start: 6 @107418 has 1 MA's), (19, 107586), (20, 107589),

Gene: Linda_75 Start: 47358, Stop: 47570, Start Num: 5
Candidate Starts for Linda_75:
(1, 47316), (3, 47337), (Start: 5 @47358 has 15 MA's), (9, 47385), (17, 47505), (22, 47556),

Gene: Marianna39_247 Start: 109809, Stop: 110018, Start Num: 4
Candidate Starts for Marianna39_247:
(2, 109800), (Start: 4 @109809 has 3 MA's), (7, 109833),

Gene: Michelle_75 Start: 47402, Stop: 47587, Start Num: 10
Candidate Starts for Michelle_75:
(1, 47330), (3, 47351), (Start: 5 @47372 has 15 MA's), (Start: 10 @47402 has 1 MA's), (14, 47498), (18, 47534), (22, 47573),

Gene: MrAaronian_75 Start: 47372, Stop: 47587, Start Num: 5
Candidate Starts for MrAaronian_75:
(1, 47330), (3, 47351), (Start: 5 @47372 has 15 MA's), (Start: 10 @47402 has 1 MA's), (14, 47498), (18, 47534), (22, 47573),

Gene: Onestar_74 Start: 47546, Stop: 47755, Start Num: 5
Candidate Starts for Onestar_74:
(Start: 5 @47546 has 15 MA's), (11, 47621), (12, 47639), (22, 47741),

Gene: ProfFrink_75 Start: 47341, Stop: 47556, Start Num: 5
Candidate Starts for ProfFrink_75:
(1, 47299), (3, 47320), (Start: 5 @47341 has 15 MA's), (Start: 10 @47371 has 1 MA's), (14, 47467), (18, 47503), (22, 47542),

Gene: Raunak_75 Start: 47051, Stop: 47266, Start Num: 5
Candidate Starts for Raunak_75:
(1, 47009), (3, 47030), (Start: 5 @47051 has 15 MA's), (Start: 10 @47081 has 1 MA's), (14, 47177), (18, 47213), (22, 47252),

Gene: Salk_75 Start: 47358, Stop: 47570, Start Num: 5
Candidate Starts for Salk_75:
(1, 47316), (3, 47337), (Start: 5 @47358 has 15 MA's), (9, 47385), (17, 47505), (22, 47556),

Gene: Shiba_74 Start: 47067, Stop: 47282, Start Num: 5
Candidate Starts for Shiba_74:
(1, 47025), (3, 47046), (Start: 5 @47067 has 15 MA's), (Start: 10 @47097 has 1 MA's), (14, 47193), (18, 47229), (22, 47268),

Gene: Sloopyjoe_75 Start: 47374, Stop: 47589, Start Num: 5
Candidate Starts for Sloopyjoe_75:
(1, 47332), (3, 47353), (Start: 5 @47374 has 15 MA's), (9, 47401), (Start: 10 @47404 has 1 MA's), (14, 47500), (18, 47536), (22, 47575),

Gene: Spain_75 Start: 47372, Stop: 47587, Start Num: 5
Candidate Starts for Spain_75:
(1, 47330), (3, 47351), (Start: 5 @47372 has 15 MA's), (Start: 10 @47402 has 1 MA's), (14, 47498), (18, 47534), (22, 47573),

Gene: Sporto_74 Start: 48408, Stop: 48605, Start Num: 8
Candidate Starts for Sporto_74:
(Start: 5 @48396 has 15 MA's), (Start: 8 @48408 has 1 MA's), (13, 48504), (18, 48555),

Gene: StarLord_75 Start: 47367, Stop: 47582, Start Num: 5
Candidate Starts for StarLord_75:
(1, 47325), (3, 47346), (Start: 5 @47367 has 15 MA's), (Start: 10 @47397 has 1 MA's), (14, 47493), (18, 47529), (22, 47568),

Gene: Stayer_75 Start: 47370, Stop: 47585, Start Num: 5
Candidate Starts for Stayer_75:
(1, 47328), (3, 47349), (Start: 5 @47370 has 15 MA's), (Start: 10 @47400 has 1 MA's), (14, 47496), (18, 47532), (22, 47571),

Gene: Uzumaki_88 Start: 50799, Stop: 51023, Start Num: 4
Candidate Starts for Uzumaki_88:
(Start: 4 @50799 has 3 MA's), (15, 50937), (16, 50943), (20, 50988), (21, 50991),