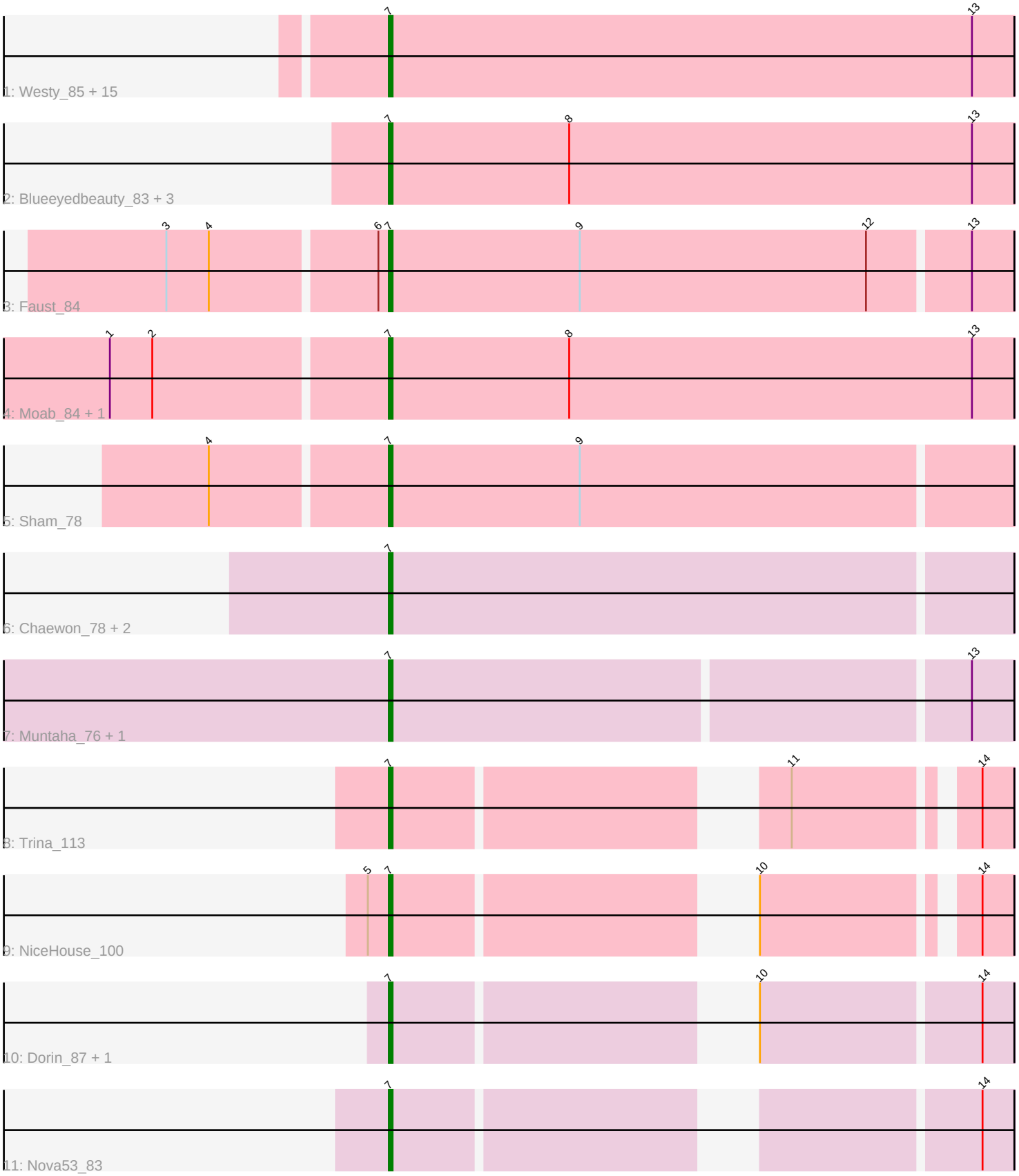
Pham 288076


7
13
1: Westy_85 + 15
7
8
13
2: Blueeyedbeauty_83 + 3
3
4
6
7
9
12
13
3: Faust_84
1
2
7
8
13
4: Moab_84 + 1
4
7
9
5: Sham_78
7
6: Chaewon_78 + 2
7
13
7: Muntaha_76 + 1
7
11
14
8: Trina_113
5
7
10
14
9: NiceHouse_100
7
10
14
10: Dorin_87 + 1
7
14
11: Nova53_83

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 288076 Report

This analysis was run 03/28/26 on database version 641.

Pham number 288076 has 34 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Westy_85, Belfort_86, SparkleGoddess_84, DeluluLabubu_84, Karp_82, Gilson_85, Jada_85, Stigma_83, Comrade_84, Emma1919_86, MeganTheeKilla_83, Forrest_87, Maupel_84, Phredrick_84, Kenrey_86, Francob_83
• Track 2 : Blueeyedbeauty_83, Annadreamy_82, Limpid_81, Beuffert_81
• Track 3 : Faust_84
• Track 4 : Moab_84, Patelgo_84
• Track 5 : Sham_78
• Track 6 : Chaewon_78, BillNye_74, Circinus_75
• Track 7 : Muntaha_76, Wakanda_75
• Track 8 : Trina_113
• Track 9 : NiceHouse_100
• Track 10 : Dorin_87, Francesca_87
• Track 11 : Nova53_83

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

The start number called the most often in the published annotations is 7, it was called in 32 of the 32 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Annadreamy_82, Belfort_86, Beuffert_81, BillNye_74, Blueeyedbeauty_83, Chaewon_78, Circinus_75, Comrade_84, DeluluLabubu_84, Dorin_87, Emma1919_86, Faust_84, Forrest_87, Francesca_87, Francob_83, Gilson_85, Jada_85, Karp_82, Kenrey_86, Limpid_81, Maupel_84, MeganTheeKilla_83, Moab_84, Muntaha_76, NiceHouse_100, Nova53_83, Patelgo_84, Phredrick_84, Sham_78, SparkleGoddess_84, Stigma_83, Trina_113, Wakanda_75, Westy_85,

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 7:
• Found in 34 of 34 (100.0%) of genes in pham
• Manual Annotations of this start: 32 of 32
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Annadreamy_82 (BK1), Belfort_86 (BK1), Beuffert_81 (BK1), BillNye_74 (BK2), Blueeyedbeauty_83 (BK1), Chaewon_78 (BK2), Circinus_75 (BK2), Comrade_84 (BK1), DeluluLabubu_84 (BK1), Dorin_87 (CG), Emma1919_86 (BK1), Faust_84 (BK1), Forrest_87 (BK1), Francesca_87 (CG), Francob_83 (BK1), Gilson_85 (BK1), Jada_85 (BK1), Karp_82 (BK1), Kenrey_86 (BK1), Limpid_81 (BK1), Maupel_84 (BK1), MeganTheeKilla_83 (BK1), Moab_84 (BK1), Muntaha_76 (BK2), NiceHouse_100 (CE), Nova53_83 (CG), Patelgo_84 (BK1), Phredrick_84 (BK1), Sham_78 (BK1), SparkleGoddess_84 (BK1), Stigma_83 (BK1), Trina_113 (CE), Wakanda_75 (BK2), Westy_85 (BK1),

Summary by clusters:

There are 4 clusters represented in this pham: CG, BK2, BK1, CE,

Info for manual annotations of cluster BK1:
•Start number 7 was manually annotated 23 times for cluster BK1.

Info for manual annotations of cluster BK2:
•Start number 7 was manually annotated 4 times for cluster BK2.

Info for manual annotations of cluster CE:
•Start number 7 was manually annotated 2 times for cluster CE.

Info for manual annotations of cluster CG:
•Start number 7 was manually annotated 3 times for cluster CG.

Gene Information:

Gene: Annadreamy_82 Start: 61047, Stop: 61223, Start Num: 7
Candidate Starts for Annadreamy_82:
(Start: 7 @61047 has 32 MA's), (8, 61098), (13, 61212),

Gene: Belfort_86 Start: 62871, Stop: 63047, Start Num: 7
Candidate Starts for Belfort_86:
(Start: 7 @62871 has 32 MA's), (13, 63036),

Gene: Beuffert_81 Start: 61597, Stop: 61773, Start Num: 7
Candidate Starts for Beuffert_81:
(Start: 7 @61597 has 32 MA's), (8, 61648), (13, 61762),

Gene: BillNye_74 Start: 62159, Stop: 62332, Start Num: 7
Candidate Starts for BillNye_74:
(Start: 7 @62159 has 32 MA's),

Gene: Blueeyedbeauty_83 Start: 60999, Stop: 61175, Start Num: 7
Candidate Starts for Blueeyedbeauty_83:

(Start: 7 @60999 has 32 MA's), (8, 61050), (13, 61164),

Gene: Chaewon_78 Start: 62100, Stop: 62273, Start Num: 7
Candidate Starts for Chaewon_78:
(Start: 7 @62100 has 32 MA's),

Gene: Circinus_75 Start: 62146, Stop: 62319, Start Num: 7
Candidate Starts for Circinus_75:
(Start: 7 @62146 has 32 MA's),

Gene: Comrade_84 Start: 62487, Stop: 62663, Start Num: 7
Candidate Starts for Comrade_84:
(Start: 7 @62487 has 32 MA's), (13, 62652),

Gene: DeluluLabubu_84 Start: 60550, Stop: 60726, Start Num: 7
Candidate Starts for DeluluLabubu_84:
(Start: 7 @60550 has 32 MA's), (13, 60715),

Gene: Dorin_87 Start: 68392, Stop: 68544, Start Num: 7
Candidate Starts for Dorin_87:
(Start: 7 @68392 has 32 MA's), (10, 68476), (14, 68536),

Gene: Emma1919_86 Start: 61210, Stop: 61386, Start Num: 7
Candidate Starts for Emma1919_86:
(Start: 7 @61210 has 32 MA's), (13, 61375),

Gene: Faust_84 Start: 62423, Stop: 62596, Start Num: 7
Candidate Starts for Faust_84:
(3, 62363), (4, 62375), (6, 62420), (Start: 7 @62423 has 32 MA's), (9, 62477), (12, 62558), (13, 62585),

Gene: Forrest_87 Start: 62503, Stop: 62679, Start Num: 7
Candidate Starts for Forrest_87:
(Start: 7 @62503 has 32 MA's), (13, 62668),

Gene: Francesca_87 Start: 69130, Stop: 69282, Start Num: 7
Candidate Starts for Francesca_87:
(Start: 7 @69130 has 32 MA's), (10, 69214), (14, 69274),

Gene: Francob_83 Start: 61249, Stop: 61425, Start Num: 7
Candidate Starts for Francob_83:
(Start: 7 @61249 has 32 MA's), (13, 61414),

Gene: Gilson_85 Start: 61172, Stop: 61348, Start Num: 7
Candidate Starts for Gilson_85:
(Start: 7 @61172 has 32 MA's), (13, 61337),

Gene: Jada_85 Start: 61685, Stop: 61861, Start Num: 7
Candidate Starts for Jada_85:
(Start: 7 @61685 has 32 MA's), (13, 61850),

Gene: Karp_82 Start: 62080, Stop: 62256, Start Num: 7
Candidate Starts for Karp_82:
(Start: 7 @62080 has 32 MA's), (13, 62245),

Gene: Kenrey_86 Start: 61386, Stop: 61562, Start Num: 7
Candidate Starts for Kenrey_86:
(Start: 7 @61386 has 32 MA's), (13, 61551),

Gene: Limpid_81 Start: 61046, Stop: 61222, Start Num: 7
Candidate Starts for Limpid_81:
(Start: 7 @61046 has 32 MA's), (8, 61097), (13, 61211),

Gene: Maupel_84 Start: 61172, Stop: 61348, Start Num: 7
Candidate Starts for Maupel_84:
(Start: 7 @61172 has 32 MA's), (13, 61337),

Gene: MeganTheeKilla_83 Start: 60533, Stop: 60709, Start Num: 7
Candidate Starts for MeganTheeKilla_83:
(Start: 7 @60533 has 32 MA's), (13, 60698),

Gene: Moab_84 Start: 62445, Stop: 62621, Start Num: 7
Candidate Starts for Moab_84:
(1, 62370), (2, 62382), (Start: 7 @62445 has 32 MA's), (8, 62496), (13, 62610),

Gene: Muntaha_76 Start: 60630, Stop: 60800, Start Num: 7
Candidate Starts for Muntaha_76:
(Start: 7 @60630 has 32 MA's), (13, 60789),

Gene: NiceHouse_100 Start: 72960, Stop: 73106, Start Num: 7
Candidate Starts for NiceHouse_100:
(5, 72954), (Start: 7 @72960 has 32 MA's), (10, 73044), (14, 73098),

Gene: Nova53_83 Start: 67957, Stop: 68109, Start Num: 7
Candidate Starts for Nova53_83:
(Start: 7 @67957 has 32 MA's), (14, 68101),

Gene: Patelgo_84 Start: 62608, Stop: 62784, Start Num: 7
Candidate Starts for Patelgo_84:
(1, 62533), (2, 62545), (Start: 7 @62608 has 32 MA's), (8, 62659), (13, 62773),

Gene: Phredrick_84 Start: 60466, Stop: 60642, Start Num: 7
Candidate Starts for Phredrick_84:
(Start: 7 @60466 has 32 MA's), (13, 60631),

Gene: Sham_78 Start: 61565, Stop: 61738, Start Num: 7
Candidate Starts for Sham_78:
(4, 61517), (Start: 7 @61565 has 32 MA's), (9, 61619),

Gene: SparkleGoddess_84 Start: 62488, Stop: 62664, Start Num: 7
Candidate Starts for SparkleGoddess_84:
(Start: 7 @62488 has 32 MA's), (13, 62653),

Gene: Stigma_83 Start: 62496, Stop: 62672, Start Num: 7
Candidate Starts for Stigma_83:
(Start: 7 @62496 has 32 MA's), (13, 62661),

Gene: Trina_113 Start: 76145, Stop: 76291, Start Num: 7
Candidate Starts for Trina_113:
(Start: 7 @76145 has 32 MA's), (11, 76238), (14, 76283),

Gene: Wakanda_75 Start: 60567, Stop: 60737, Start Num: 7
Candidate Starts for Wakanda_75:
(Start: 7 @60567 has 32 MA's), (13, 60726),

Gene: Westy_85 Start: 62488, Stop: 62664, Start Num: 7
Candidate Starts for Westy_85:
(Start: 7 @62488 has 32 MA's), (13, 62653),