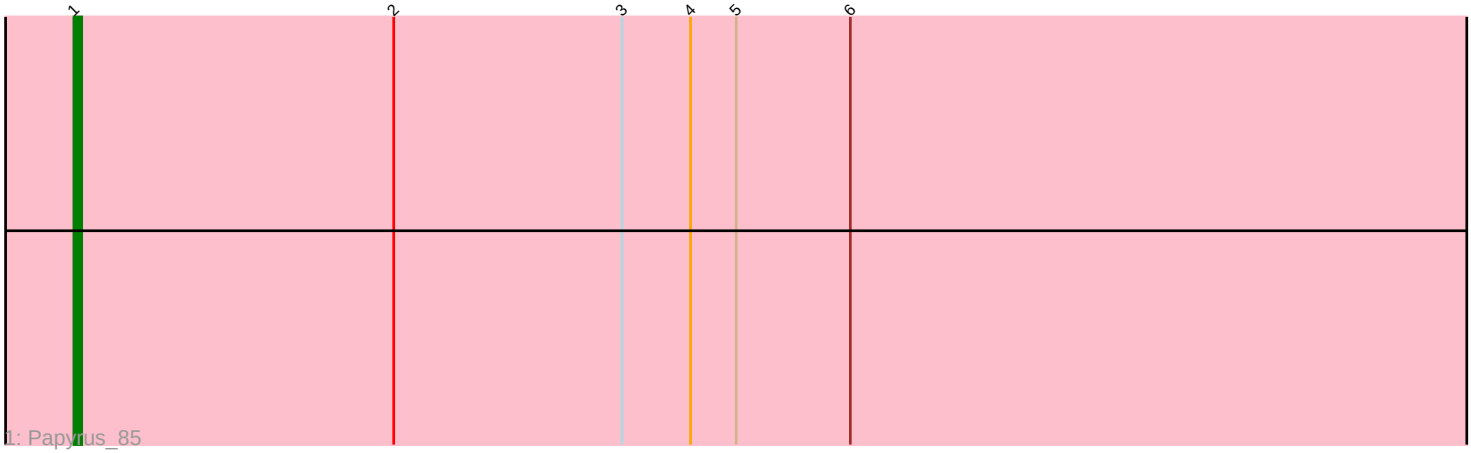
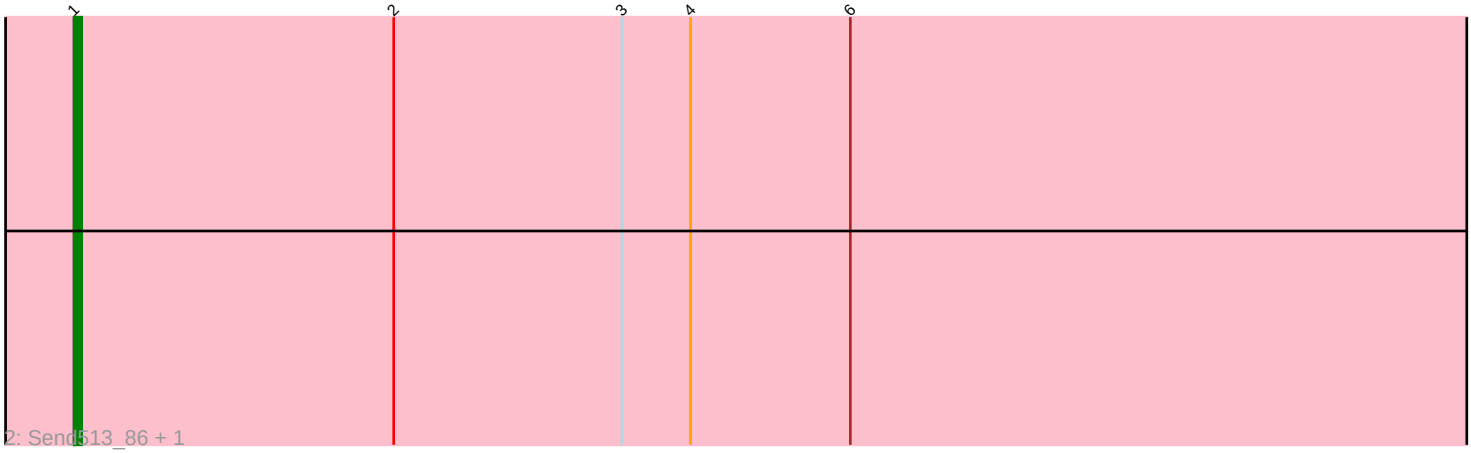
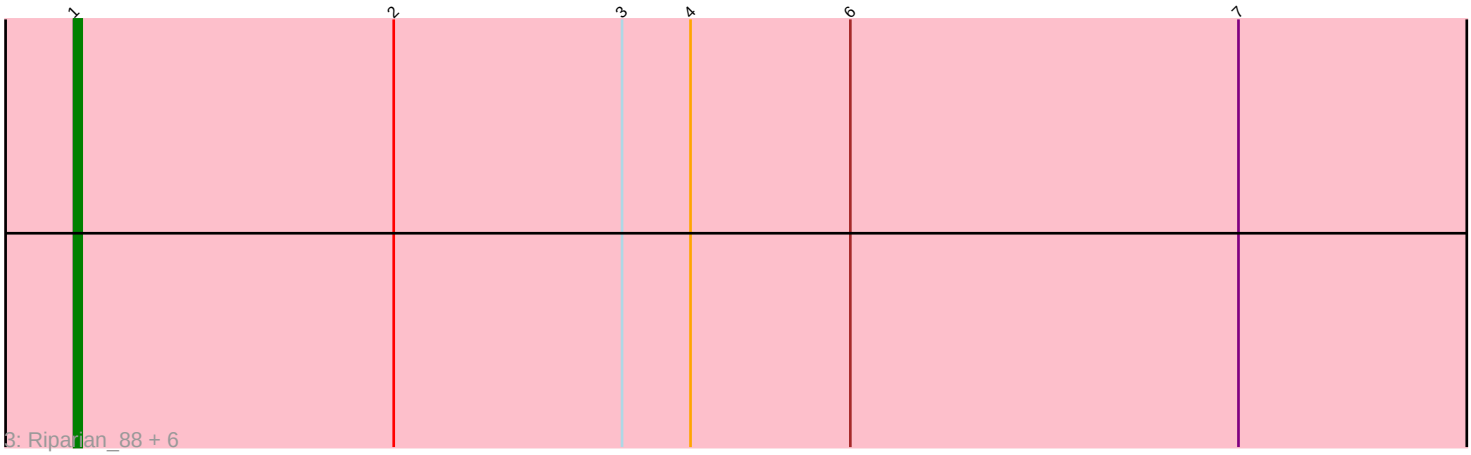
Pham 6309


1
2
3
4
5
6
1: Papyrus_85


1
2
3
4
6
2: Send513_86 + 1


1
2
3
4
6
7
3: Riparian_88 + 6

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 6309 Report

This analysis was run 04/05/24 on database version 557.

Pham number 6309 has 10 members, 2 are drafts.

Phages represented in each track:
• Track 1 : Papyrus_85
• Track 2 : Send513_86, Candle_84
• Track 3 : Riparian_88, MontyDev_86, Nilo_89, Zenon_88, Weiss13_86, Yelo_85, Rope_86

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

The start number called the most often in the published annotations is 1, it was called in 8 of the 8 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Candle_84, MontyDev_86, Nilo_89, Papyrus_85, Riparian_88, Rope_86, Send513_86, Weiss13_86, Yelo_85, Zenon_88,

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 1:
• Found in 10 of 10 (100.0%) of genes in pham
• Manual Annotations of this start: 8 of 8
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Candle_84 (R), MontyDev_86 (R), Nilo_89 (R), Papyrus_85 (R), Riparian_88 (R), Rope_86 (R), Send513_86 (R), Weiss13_86 (R), Yelo_85 (R), Zenon_88 (R),

Summary by clusters:

There is one cluster represented in this pham: R

Info for manual annotations of cluster R:
•Start number 1 was manually annotated 8 times for cluster R.

Gene Information:

Gene: Candle_84 Start: 63844, Stop: 64047, Start Num: 1
Candidate Starts for Candle_84:
(Start: 1 @63844 has 8 MA's), (2, 63886), (3, 63916), (4, 63925), (6, 63946),

Gene: MontyDev_86 Start: 63487, Stop: 63690, Start Num: 1
Candidate Starts for MontyDev_86:
(Start: 1 @63487 has 8 MA's), (2, 63529), (3, 63559), (4, 63568), (6, 63589), (7, 63640),

Gene: Nilo_89 Start: 63846, Stop: 64049, Start Num: 1
Candidate Starts for Nilo_89:
(Start: 1 @63846 has 8 MA's), (2, 63888), (3, 63918), (4, 63927), (6, 63948), (7, 63999),

Gene: Papyrus_85 Start: 62505, Stop: 62708, Start Num: 1
Candidate Starts for Papyrus_85:
(Start: 1 @62505 has 8 MA's), (2, 62547), (3, 62577), (4, 62586), (5, 62592), (6, 62607),

Gene: Riparian_88 Start: 63292, Stop: 63495, Start Num: 1
Candidate Starts for Riparian_88:
(Start: 1 @63292 has 8 MA's), (2, 63334), (3, 63364), (4, 63373), (6, 63394), (7, 63445),

Gene: Rope_86 Start: 63451, Stop: 63657, Start Num: 1
Candidate Starts for Rope_86:
(Start: 1 @63451 has 8 MA's), (2, 63493), (3, 63523), (4, 63532), (6, 63553), (7, 63604),

Gene: Send513_86 Start: 63828, Stop: 64031, Start Num: 1
Candidate Starts for Send513_86:
(Start: 1 @63828 has 8 MA's), (2, 63870), (3, 63900), (4, 63909), (6, 63930),

Gene: Weiss13_86 Start: 63529, Stop: 63732, Start Num: 1
Candidate Starts for Weiss13_86:
(Start: 1 @63529 has 8 MA's), (2, 63571), (3, 63601), (4, 63610), (6, 63631), (7, 63682),

Gene: Yelo_85 Start: 63884, Stop: 64096, Start Num: 1
Candidate Starts for Yelo_85:
(Start: 1 @63884 has 8 MA's), (2, 63926), (3, 63956), (4, 63965), (6, 63986), (7, 64037),

Gene: Zenon_88 Start: 63855, Stop: 64058, Start Num: 1
Candidate Starts for Zenon_88:
(Start: 1 @63855 has 8 MA's), (2, 63897), (3, 63927), (4, 63936), (6, 63957), (7, 64008),