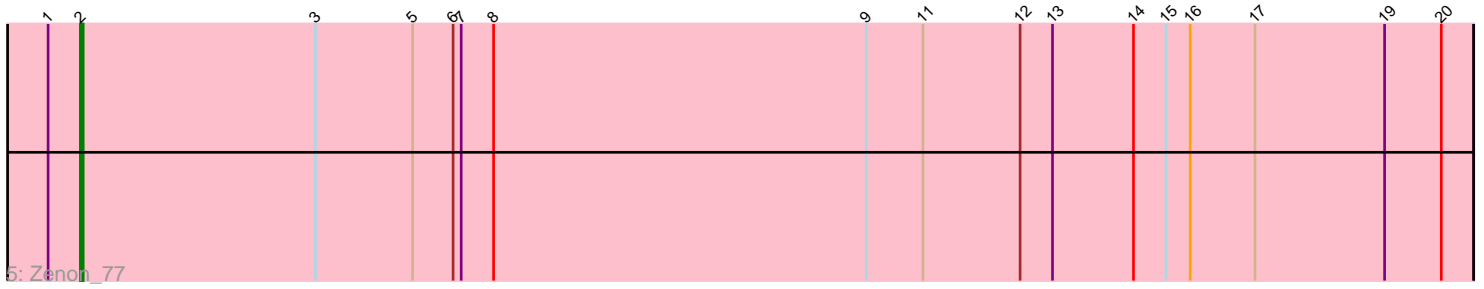
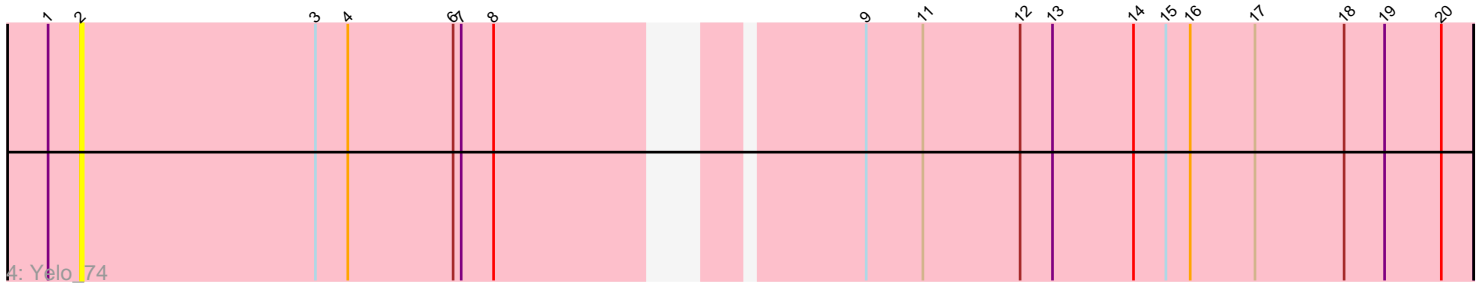
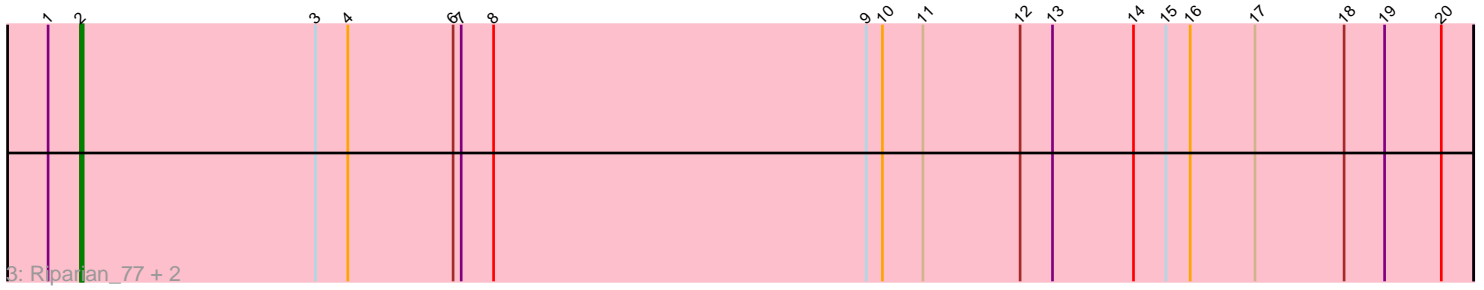
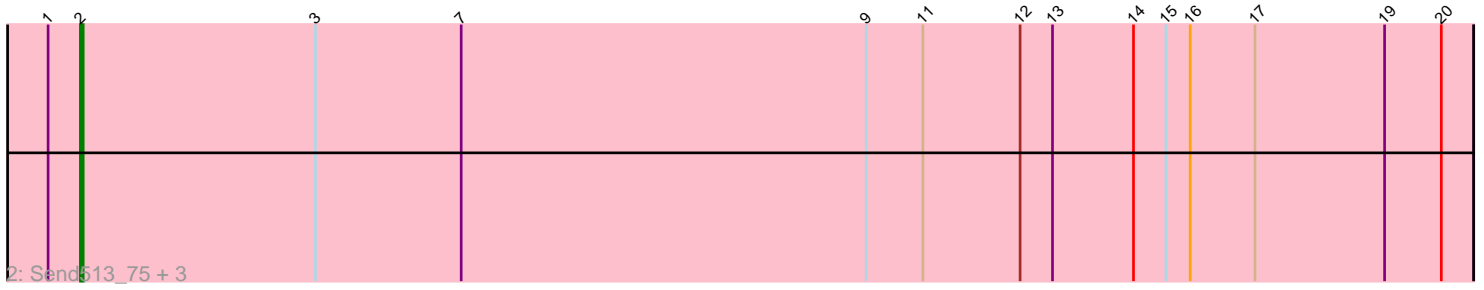
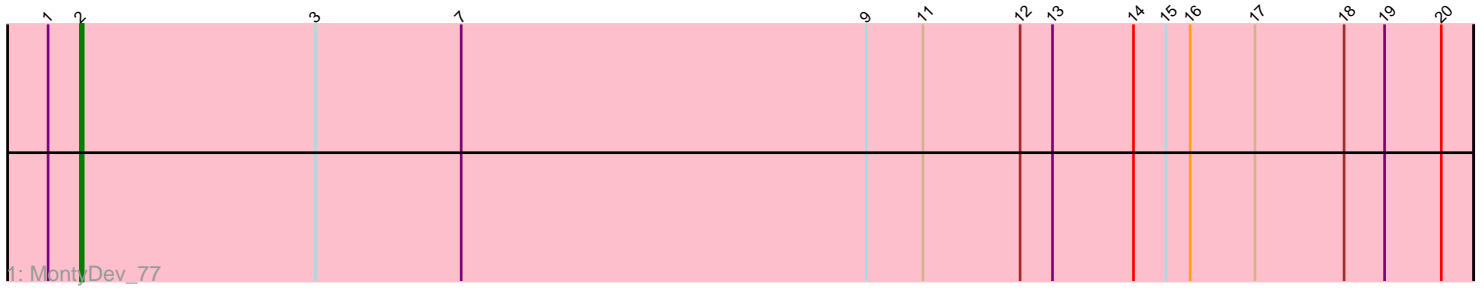


Pham 194539



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 194539 Report

This analysis was run 11/02/24 on database version 579.

Pham number 194539 has 10 members, 1 are drafts.

Phages represented in each track:

- Track 1 : MontyDev_77
- Track 2 : Send513_75, Papyrus_75, Rope_75, Candle_73
- Track 3 : Riparian_77, Weiss13_75, Nilo_77
- Track 4 : Yelo_74
- Track 5 : Zenon_77

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

The start number called the most often in the published annotations is 2, it was called in 9 of the 9 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Candle_73, MontyDev_77, Nilo_77, Papyrus_75, Riparian_77, Rope_75, Send513_75, Weiss13_75, Yelo_74, Zenon_77,

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 2:

- Found in 10 of 10 (100.0%) of genes in pham
- Manual Annotations of this start: 9 of 9
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Candle_73 (R), MontyDev_77 (R), Nilo_77 (R), Papyrus_75 (R), Riparian_77 (R), Rope_75 (R), Send513_75 (R), Weiss13_75 (R), Yelo_74 (R), Zenon_77 (R),

Summary by clusters:

There is one cluster represented in this pham: R

Info for manual annotations of cluster R:

•Start number 2 was manually annotated 9 times for cluster R.

Gene Information:

Gene: Candle_73 Start: 58217, Stop: 58732, Start Num: 2

Candidate Starts for Candle_73:

(1, 58205), (Start: 2 @58217 has 9 MA's), (3, 58304), (7, 58358), (9, 58508), (11, 58529), (12, 58565), (13, 58577), (14, 58607), (15, 58619), (16, 58628), (17, 58652), (19, 58700), (20, 58721),

Gene: MontyDev_77 Start: 57857, Stop: 58372, Start Num: 2

Candidate Starts for MontyDev_77:

(1, 57845), (Start: 2 @57857 has 9 MA's), (3, 57944), (7, 57998), (9, 58148), (11, 58169), (12, 58205), (13, 58217), (14, 58247), (15, 58259), (16, 58268), (17, 58292), (18, 58325), (19, 58340), (20, 58361),

Gene: Nilo_77 Start: 58214, Stop: 58729, Start Num: 2

Candidate Starts for Nilo_77:

(1, 58202), (Start: 2 @58214 has 9 MA's), (3, 58301), (4, 58313), (6, 58352), (7, 58355), (8, 58367), (9, 58505), (10, 58511), (11, 58526), (12, 58562), (13, 58574), (14, 58604), (15, 58616), (16, 58625), (17, 58649), (18, 58682), (19, 58697), (20, 58718),

Gene: Papyrus_75 Start: 57825, Stop: 58340, Start Num: 2

Candidate Starts for Papyrus_75:

(1, 57813), (Start: 2 @57825 has 9 MA's), (3, 57912), (7, 57966), (9, 58116), (11, 58137), (12, 58173), (13, 58185), (14, 58215), (15, 58227), (16, 58236), (17, 58260), (19, 58308), (20, 58329),

Gene: Riparian_77 Start: 57661, Stop: 58176, Start Num: 2

Candidate Starts for Riparian_77:

(1, 57649), (Start: 2 @57661 has 9 MA's), (3, 57748), (4, 57760), (6, 57799), (7, 57802), (8, 57814), (9, 57952), (10, 57958), (11, 57973), (12, 58009), (13, 58021), (14, 58051), (15, 58063), (16, 58072), (17, 58096), (18, 58129), (19, 58144), (20, 58165),

Gene: Rope_75 Start: 57817, Stop: 58332, Start Num: 2

Candidate Starts for Rope_75:

(1, 57805), (Start: 2 @57817 has 9 MA's), (3, 57904), (7, 57958), (9, 58108), (11, 58129), (12, 58165), (13, 58177), (14, 58207), (15, 58219), (16, 58228), (17, 58252), (19, 58300), (20, 58321),

Gene: Send513_75 Start: 58195, Stop: 58710, Start Num: 2

Candidate Starts for Send513_75:

(1, 58183), (Start: 2 @58195 has 9 MA's), (3, 58282), (7, 58336), (9, 58486), (11, 58507), (12, 58543), (13, 58555), (14, 58585), (15, 58597), (16, 58606), (17, 58630), (19, 58678), (20, 58699),

Gene: Weiss13_75 Start: 57898, Stop: 58413, Start Num: 2

Candidate Starts for Weiss13_75:

(1, 57886), (Start: 2 @57898 has 9 MA's), (3, 57985), (4, 57997), (6, 58036), (7, 58039), (8, 58051), (9, 58189), (10, 58195), (11, 58210), (12, 58246), (13, 58258), (14, 58288), (15, 58300), (16, 58309), (17, 58333), (18, 58366), (19, 58381), (20, 58402),

Gene: Yelo_74 Start: 58277, Stop: 58765, Start Num: 2

Candidate Starts for Yelo_74:

(1, 58265), (Start: 2 @58277 has 9 MA's), (3, 58364), (4, 58376), (6, 58415), (7, 58418), (8, 58430), (9, 58541), (11, 58562), (12, 58598), (13, 58610), (14, 58640), (15, 58652), (16, 58661), (17, 58685), (18, 58718), (19, 58733), (20, 58754),

Gene: Zenon_77 Start: 58221, Stop: 58736, Start Num: 2

Candidate Starts for Zenon_77:

(1, 58209), (Start: 2 @58221 has 9 MA's), (3, 58308), (5, 58344), (6, 58359), (7, 58362), (8, 58374), (9, 58512), (11, 58533), (12, 58569), (13, 58581), (14, 58611), (15, 58623), (16, 58632), (17, 58656), (19, 58704), (20, 58725),