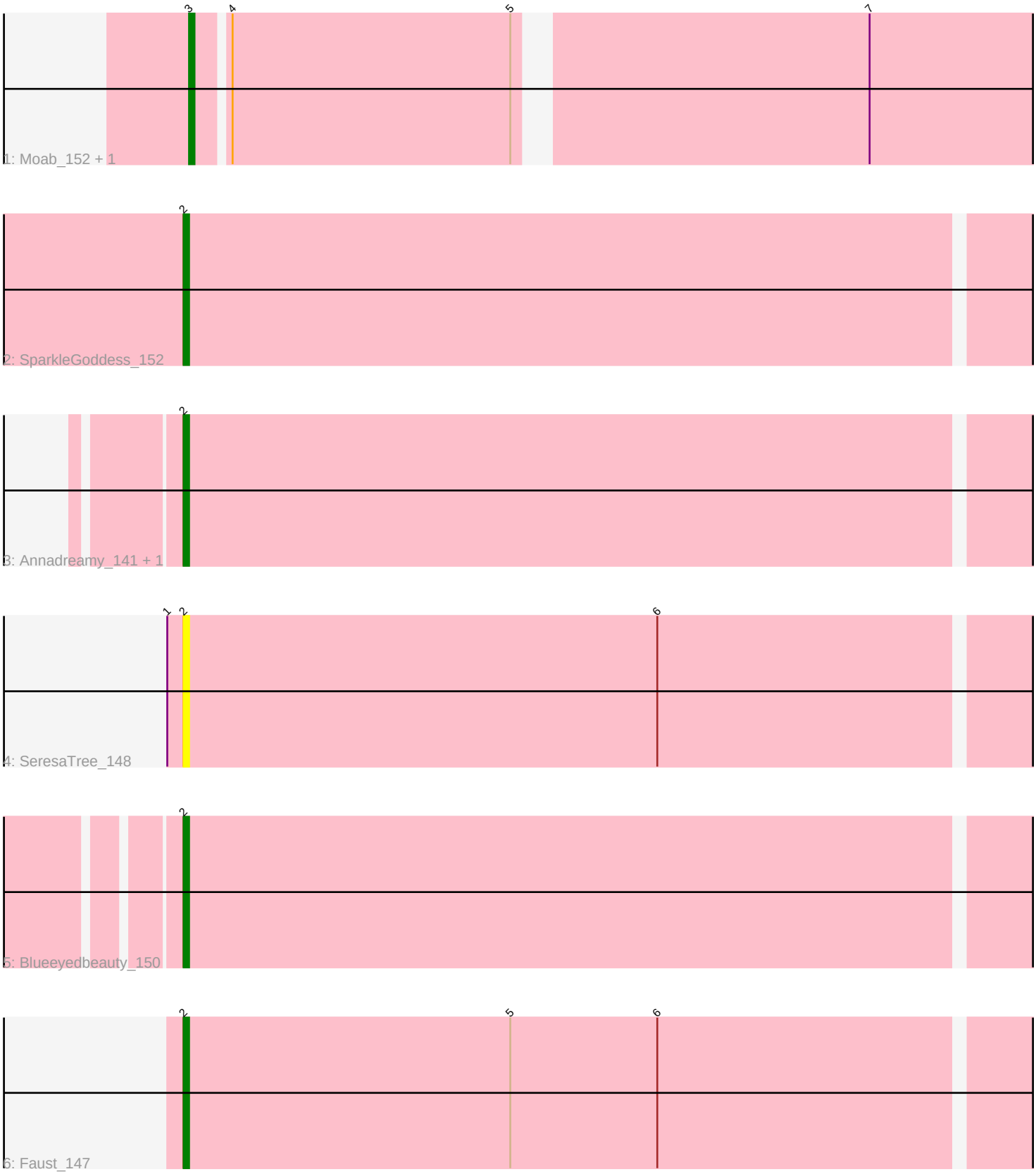
Pham 172007


3
4
5
7
1: Moab_152 + 1
2
2: SparkleGoddess_152
2
3: Annadreamy_141 + 1
1
2
6
4: SeresaTree_148
2
5: Blueeyedbeauty_150
2
5
6
6: Faust_147

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 172007 Report

This analysis was run 07/10/24 on database version 566.

Pham number 172007 has 8 members, 1 are drafts.

Phages represented in each track:
• Track 1 : Moab_152, Patelgo_154
• Track 2 : SparkleGoddess_152
• Track 3 : Annadreamy_141, Kenrey_160
• Track 4 : SeresaTree_148
• Track 5 : Blueeyedbeauty_150
• Track 6 : Faust_147

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 5 of the 7 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Annadreamy_141, Blueeyedbeauty_150, Faust_147, Kenrey_160, SeresaTree_148, SparkleGoddess_152,

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

Genes that do not have the "Most Annotated" start:
• Moab_152, Patelgo_154,

Summary by start number:

Start 2:
• Found in 6 of 8 (75.0%) of genes in pham
• Manual Annotations of this start: 5 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Annadreamy_141 (BK1), Blueeyedbeauty_150 (BK1), Faust_147 (BK1), Kenrey_160 (BK1), SeresaTree_148 (BK1), SparkleGoddess_152 (BK1),

Start 3:
• Found in 2 of 8 (25.0%) of genes in pham

• Manual Annotations of this start: 2 of 7
• Called 100.0% of time when present
• Phage (with cluster) where this start called: Moab_152 (BK1), Patelgo_154 (BK1),

Summary by clusters:

There is one cluster represented in this pham: BK1

Info for manual annotations of cluster BK1:
•Start number 2 was manually annotated 5 times for cluster BK1.
•Start number 3 was manually annotated 2 times for cluster BK1.

Gene Information:

Gene: Annadreamy_141 Start: 79572, Stop: 79751, Start Num: 2
Candidate Starts for Annadreamy_141:
(Start: 2 @79572 has 5 MA's),

Gene: Blueeyedbeauty_150 Start: 83996, Stop: 84175, Start Num: 2
Candidate Starts for Blueeyedbeauty_150:
(Start: 2 @83996 has 5 MA's),

Gene: Faust_147 Start: 85142, Stop: 85321, Start Num: 2
Candidate Starts for Faust_147:
(Start: 2 @85142 has 5 MA's), (5, 85202), (6, 85229),

Gene: Kenrey_160 Start: 86124, Stop: 86300, Start Num: 2
Candidate Starts for Kenrey_160:
(Start: 2 @86124 has 5 MA's),

Gene: Moab_152 Start: 86604, Stop: 86774, Start Num: 3
Candidate Starts for Moab_152:
(Start: 3 @86604 has 2 MA's), (4, 86610), (5, 86661), (7, 86721),

Gene: Patelgo_154 Start: 87296, Stop: 87466, Start Num: 3
Candidate Starts for Patelgo_154:
(Start: 3 @87296 has 2 MA's), (4, 87302), (5, 87353), (7, 87413),

Gene: SeresaTree_148 Start: 84524, Stop: 84703, Start Num: 2
Candidate Starts for SeresaTree_148:
(1, 84521), (Start: 2 @84524 has 5 MA's), (6, 84611),

Gene: SparkleGoddess_152 Start: 85634, Stop: 85813, Start Num: 2
Candidate Starts for SparkleGoddess_152:
(Start: 2 @85634 has 5 MA's),