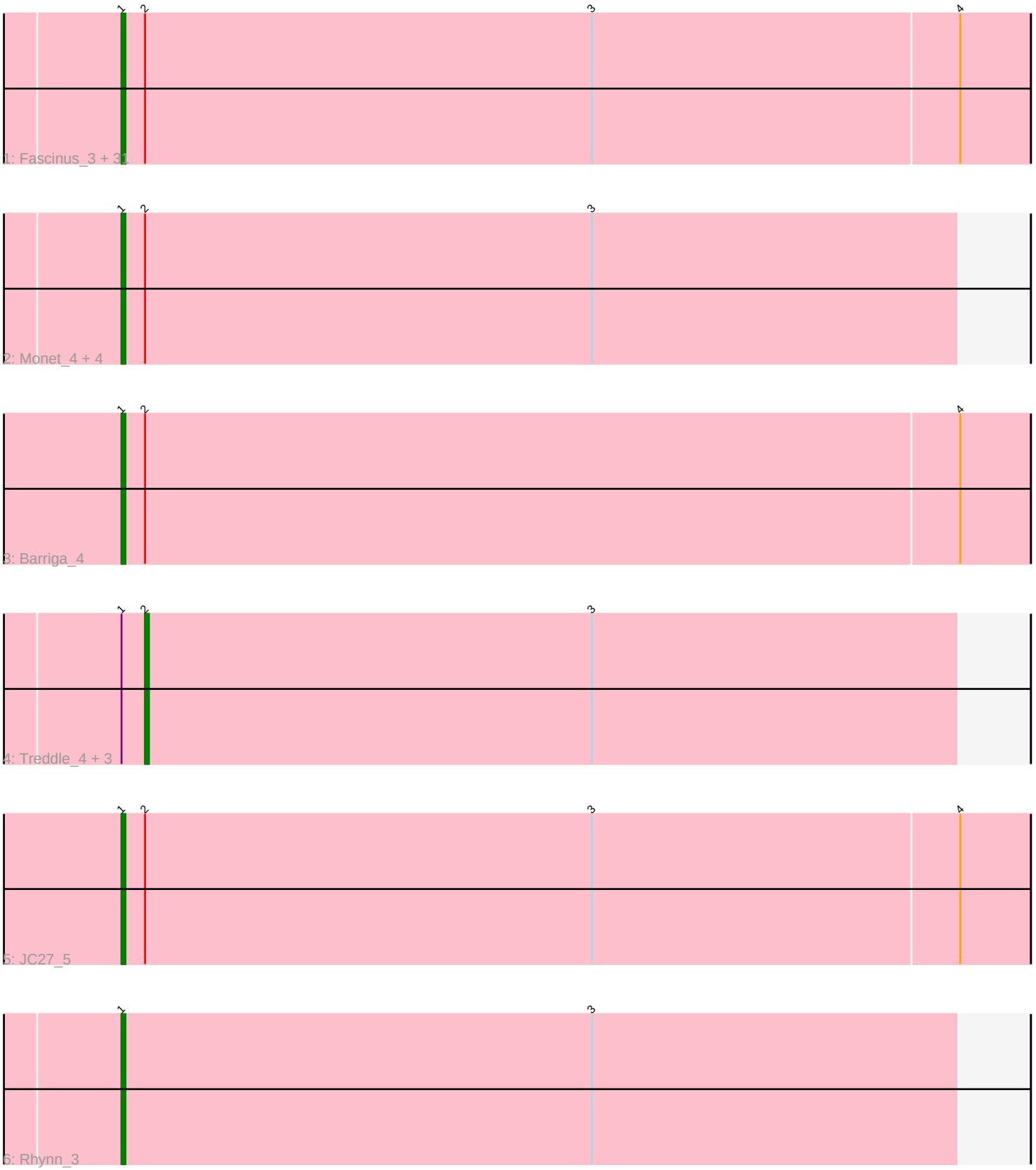
Pham 347767


1
2
3
4
1: Fascinus_3 + 3
2: Monet_4 + 4
3: Barriga_4
4: Treddle_4 + 3
5: JC27_5
6: Rhynn_3

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 347767 Report

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

Pham number 347767 has 44 members, 0 are drafts.

Phages represented in each track:
• Track 1 : Fascinus_3, Pinto_5, Dexes_5, Trouble_3, HarryOW_5, Beatrix_3, ProMouse_4, Carlyle_5, BaconJack_4, DD5_4, Bigfoot_3, PowerRanger_3, StrongArm_3, Maroc7_3, Marsha_4, Dulcie_3, Bexan_3, SkiPole_5, LilBib_3, CactusRose_3, GrecoEtereo_5, Ciao_4, Mryolo_3, Lockley_4, Peterson_4, Nerujay_4, Paraselene_3, Nhonho_4, Target_4, Applejack_4, Zeuska_3, Michley_4
• Track 2 : Monet_4, Turj99_3, TheloniousMonk_4, Licorice_6, Zeeculate_3
• Track 3 : Barriga_4
• Track 4 : Treddle_4, Alvin_5, Edtherson_4, Lesedi_3
• Track 5 : JC27_5
• Track 6 : Rhynn_3

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 40 of the 44 non-draft genes in the pham.

Genes that call this "Most Annotated" start:
• Applejack_4, BaconJack_4, Barriga_4, Beatrix_3, Bexan_3, Bigfoot_3, CactusRose_3, Carlyle_5, Ciao_4, DD5_4, Dexes_5, Dulcie_3, Fascinus_3, GrecoEtereo_5, HarryOW_5, JC27_5, Licorice_6, LilBib_3, Lockley_4, Maroc7_3, Marsha_4, Michley_4, Monet_4, Mryolo_3, Nerujay_4, Nhonho_4, Paraselene_3, Peterson_4, Pinto_5, PowerRanger_3, ProMouse_4, Rhynn_3, SkiPole_5, StrongArm_3, Target_4, TheloniousMonk_4, Trouble_3, Turj99_3, Zeeculate_3, Zeuska_3,

Genes that have the "Most Annotated" start but do not call it:
• Alvin_5, Edtherson_4, Lesedi_3, Treddle_4,

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

Summary by start number:

Start 1:

• Found in 44 of 44 (100.0%) of genes in pham
• Manual Annotations of this start: 40 of 44
• Called 90.9% of time when present
• Phage (with cluster) where this start called: Applejack_4 (A1), BaconJack_4 (A1), Barriga_4 (A1), Beatrix_3 (A1), Bexan_3 (A1), Bigfoot_3 (A1), CactusRose_3 (A1), Carlyle_5 (A1), Ciao_4 (A1), DD5_4 (A1), Dexes_5 (A1), Dulcie_3 (A1), Fascinus_3 (A1), GrecoEtereo_5 (A1), HarryOW_5 (A1), JC27_5 (A1), Licorice_6 (A1), LilBib_3 (A1), Lockley_4 (A1), Maroc7_3 (A1), Marsha_4 (A1), Michley_4 (A1), Monet_4 (A1), Mryolo_3 (A1), Nerujay_4 (A1), Nhonho_4 (A1), Paraselene_3 (A1), Peterson_4 (A1), Pinto_5 (A1), PowerRanger_3 (A1), ProMouse_4 (A1), Rhynn_3 (A1), SkiPole_5 (A1), StrongArm_3 (A1), Target_4 (A1), TheloniousMonk_4 (A1), Trouble_3 (A1), Turj99_3 (A1), Zeeculate_3 (A1), Zeuska_3 (A1),

Start 2:
• Found in 43 of 44 (97.7%) of genes in pham
• Manual Annotations of this start: 4 of 44
• Called 9.3% of time when present
• Phage (with cluster) where this start called: Alvin_5 (A1), Edtherson_4 (A1), Lesedi_3 (A1), Treddle_4 (A1),

Summary by clusters:

There is one cluster represented in this pham: A1

Info for manual annotations of cluster A1:
•Start number 1 was manually annotated 40 times for cluster A1.
•Start number 2 was manually annotated 4 times for cluster A1.

Gene Information:

Gene: Alvin_5 Start: 2099, Stop: 2305, Start Num: 2
Candidate Starts for Alvin_5:
(Start: 1 @2093 has 40 MA's), (Start: 2 @2099 has 4 MA's), (3, 2213),

Gene: Applejack_4 Start: 1684, Stop: 1914, Start Num: 1
Candidate Starts for Applejack_4:
(Start: 1 @1684 has 40 MA's), (Start: 2 @1690 has 4 MA's), (3, 1804), (4, 1897),

Gene: BaconJack_4 Start: 1630, Stop: 1860, Start Num: 1
Candidate Starts for BaconJack_4:
(Start: 1 @1630 has 40 MA's), (Start: 2 @1636 has 4 MA's), (3, 1750), (4, 1843),

Gene: Barriga_4 Start: 1643, Stop: 1873, Start Num: 1
Candidate Starts for Barriga_4:
(Start: 1 @1643 has 40 MA's), (Start: 2 @1649 has 4 MA's), (4, 1856),

Gene: Beatrix_3 Start: 1483, Stop: 1713, Start Num: 1
Candidate Starts for Beatrix_3:
(Start: 1 @1483 has 40 MA's), (Start: 2 @1489 has 4 MA's), (3, 1603), (4, 1696),

Gene: Bexan_3 Start: 1483, Stop: 1713, Start Num: 1

Candidate Starts for Bexan_3:
(Start: 1 @1483 has 40 MA's), (Start: 2 @1489 has 4 MA's), (3, 1603), (4, 1696),

Gene: Bigfoot_3 Start: 1542, Stop: 1772, Start Num: 1
Candidate Starts for Bigfoot_3:
(Start: 1 @1542 has 40 MA's), (Start: 2 @1548 has 4 MA's), (3, 1662), (4, 1755),

Gene: CactusRose_3 Start: 1541, Stop: 1771, Start Num: 1
Candidate Starts for CactusRose_3:
(Start: 1 @1541 has 40 MA's), (Start: 2 @1547 has 4 MA's), (3, 1661), (4, 1754),

Gene: Carlyle_5 Start: 1922, Stop: 2152, Start Num: 1
Candidate Starts for Carlyle_5:
(Start: 1 @1922 has 40 MA's), (Start: 2 @1928 has 4 MA's), (3, 2042), (4, 2135),

Gene: Ciao_4 Start: 1773, Stop: 2003, Start Num: 1
Candidate Starts for Ciao_4:
(Start: 1 @1773 has 40 MA's), (Start: 2 @1779 has 4 MA's), (3, 1893), (4, 1986),

Gene: DD5_4 Start: 1675, Stop: 1905, Start Num: 1
Candidate Starts for DD5_4:
(Start: 1 @1675 has 40 MA's), (Start: 2 @1681 has 4 MA's), (3, 1795), (4, 1888),

Gene: Dexes_5 Start: 2353, Stop: 2583, Start Num: 1
Candidate Starts for Dexes_5:
(Start: 1 @2353 has 40 MA's), (Start: 2 @2359 has 4 MA's), (3, 2473), (4, 2566),

Gene: Dulcie_3 Start: 1476, Stop: 1706, Start Num: 1
Candidate Starts for Dulcie_3:
(Start: 1 @1476 has 40 MA's), (Start: 2 @1482 has 4 MA's), (3, 1596), (4, 1689),

Gene: Edtherson_4 Start: 1699, Stop: 1905, Start Num: 2
Candidate Starts for Edtherson_4:
(Start: 1 @1693 has 40 MA's), (Start: 2 @1699 has 4 MA's), (3, 1813),

Gene: Fascinus_3 Start: 1543, Stop: 1773, Start Num: 1
Candidate Starts for Fascinus_3:
(Start: 1 @1543 has 40 MA's), (Start: 2 @1549 has 4 MA's), (3, 1663), (4, 1756),

Gene: GrecoEtereo_5 Start: 2002, Stop: 2232, Start Num: 1
Candidate Starts for GrecoEtereo_5:
(Start: 1 @2002 has 40 MA's), (Start: 2 @2008 has 4 MA's), (3, 2122), (4, 2215),

Gene: HarryOW_5 Start: 2002, Stop: 2232, Start Num: 1
Candidate Starts for HarryOW_5:
(Start: 1 @2002 has 40 MA's), (Start: 2 @2008 has 4 MA's), (3, 2122), (4, 2215),

Gene: JC27_5 Start: 2189, Stop: 2419, Start Num: 1
Candidate Starts for JC27_5:
(Start: 1 @2189 has 40 MA's), (Start: 2 @2195 has 4 MA's), (3, 2309), (4, 2402),

Gene: Lesedi_3 Start: 1548, Stop: 1754, Start Num: 2
Candidate Starts for Lesedi_3:

(Start: 1 @1542 has 40 MA's), (Start: 2 @1548 has 4 MA's), (3, 1662),

Gene: Licorice_6 Start: 2404, Stop: 2616, Start Num: 1
Candidate Starts for Licorice_6:
(Start: 1 @2404 has 40 MA's), (Start: 2 @2410 has 4 MA's), (3, 2524),

Gene: LilBib_3 Start: 1543, Stop: 1773, Start Num: 1
Candidate Starts for LilBib_3:
(Start: 1 @1543 has 40 MA's), (Start: 2 @1549 has 4 MA's), (3, 1663), (4, 1756),

Gene: Lockley_4 Start: 1675, Stop: 1905, Start Num: 1
Candidate Starts for Lockley_4:
(Start: 1 @1675 has 40 MA's), (Start: 2 @1681 has 4 MA's), (3, 1795), (4, 1888),

Gene: Maroc7_3 Start: 1544, Stop: 1774, Start Num: 1
Candidate Starts for Maroc7_3:
(Start: 1 @1544 has 40 MA's), (Start: 2 @1550 has 4 MA's), (3, 1664), (4, 1757),

Gene: Marsha_4 Start: 1997, Stop: 2227, Start Num: 1
Candidate Starts for Marsha_4:
(Start: 1 @1997 has 40 MA's), (Start: 2 @2003 has 4 MA's), (3, 2117), (4, 2210),

Gene: Michley_4 Start: 1706, Stop: 1936, Start Num: 1
Candidate Starts for Michley_4:
(Start: 1 @1706 has 40 MA's), (Start: 2 @1712 has 4 MA's), (3, 1826), (4, 1919),

Gene: Monet_4 Start: 1693, Stop: 1905, Start Num: 1
Candidate Starts for Monet_4:
(Start: 1 @1693 has 40 MA's), (Start: 2 @1699 has 4 MA's), (3, 1813),

Gene: Mryolo_3 Start: 1543, Stop: 1773, Start Num: 1
Candidate Starts for Mryolo_3:
(Start: 1 @1543 has 40 MA's), (Start: 2 @1549 has 4 MA's), (3, 1663), (4, 1756),

Gene: Nerujay_4 Start: 1618, Stop: 1848, Start Num: 1
Candidate Starts for Nerujay_4:
(Start: 1 @1618 has 40 MA's), (Start: 2 @1624 has 4 MA's), (3, 1738), (4, 1831),

Gene: Nhonho_4 Start: 1631, Stop: 1861, Start Num: 1
Candidate Starts for Nhonho_4:
(Start: 1 @1631 has 40 MA's), (Start: 2 @1637 has 4 MA's), (3, 1751), (4, 1844),

Gene: Paraselene_3 Start: 1534, Stop: 1764, Start Num: 1
Candidate Starts for Paraselene_3:
(Start: 1 @1534 has 40 MA's), (Start: 2 @1540 has 4 MA's), (3, 1654), (4, 1747),

Gene: Peterson_4 Start: 2039, Stop: 2269, Start Num: 1
Candidate Starts for Peterson_4:
(Start: 1 @2039 has 40 MA's), (Start: 2 @2045 has 4 MA's), (3, 2159), (4, 2252),

Gene: Pinto_5 Start: 1918, Stop: 2148, Start Num: 1
Candidate Starts for Pinto_5:
(Start: 1 @1918 has 40 MA's), (Start: 2 @1924 has 4 MA's), (3, 2038), (4, 2131),

Gene: PowerRanger_3 Start: 1477, Stop: 1707, Start Num: 1
Candidate Starts for PowerRanger_3:
(Start: 1 @1477 has 40 MA's), (Start: 2 @1483 has 4 MA's), (3, 1597), (4, 1690),

Gene: ProMouse_4 Start: 1531, Stop: 1761, Start Num: 1
Candidate Starts for ProMouse_4:
(Start: 1 @1531 has 40 MA's), (Start: 2 @1537 has 4 MA's), (3, 1651), (4, 1744),

Gene: Rhynn_3 Start: 1690, Stop: 1902, Start Num: 1
Candidate Starts for Rhynn_3:
(Start: 1 @1690 has 40 MA's), (3, 1810),

Gene: SkiPole_5 Start: 1957, Stop: 2187, Start Num: 1
Candidate Starts for SkiPole_5:
(Start: 1 @1957 has 40 MA's), (Start: 2 @1963 has 4 MA's), (3, 2077), (4, 2170),

Gene: StrongArm_3 Start: 1483, Stop: 1713, Start Num: 1
Candidate Starts for StrongArm_3:
(Start: 1 @1483 has 40 MA's), (Start: 2 @1489 has 4 MA's), (3, 1603), (4, 1696),

Gene: Target_4 Start: 1788, Stop: 2018, Start Num: 1
Candidate Starts for Target_4:
(Start: 1 @1788 has 40 MA's), (Start: 2 @1794 has 4 MA's), (3, 1908), (4, 2001),

Gene: TheloniousMonk_4 Start: 1691, Stop: 1903, Start Num: 1
Candidate Starts for TheloniousMonk_4:
(Start: 1 @1691 has 40 MA's), (Start: 2 @1697 has 4 MA's), (3, 1811),

Gene: Treddle_4 Start: 1700, Stop: 1906, Start Num: 2
Candidate Starts for Treddle_4:
(Start: 1 @1694 has 40 MA's), (Start: 2 @1700 has 4 MA's), (3, 1814),

Gene: Trouble_3 Start: 1535, Stop: 1765, Start Num: 1
Candidate Starts for Trouble_3:
(Start: 1 @1535 has 40 MA's), (Start: 2 @1541 has 4 MA's), (3, 1655), (4, 1748),

Gene: Turj99_3 Start: 1541, Stop: 1753, Start Num: 1
Candidate Starts for Turj99_3:
(Start: 1 @1541 has 40 MA's), (Start: 2 @1547 has 4 MA's), (3, 1661),

Gene: Zeeculate_3 Start: 1475, Stop: 1687, Start Num: 1
Candidate Starts for Zeeculate_3:
(Start: 1 @1475 has 40 MA's), (Start: 2 @1481 has 4 MA's), (3, 1595),

Gene: Zeuska_3 Start: 1542, Stop: 1772, Start Num: 1
Candidate Starts for Zeuska_3:
(Start: 1 @1542 has 40 MA's), (Start: 2 @1548 has 4 MA's), (3, 1662), (4, 1755),