

Pham 163465



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 163465 Report

This analysis was run 04/28/24 on database version 559.

Pham number 163465 has 113 members, 11 are drafts.

Phages represented in each track:

- Track 1 : Lamberg_5, EdnaMode_5, LordFarquaad_5, Cynthia_5, Clap_5, GemG_5, TuertoX_5, Denise_5, Whiteclaw_5, Vasanti_5, Attis_5, JCole_5, SoilAssassin_5, Nettuno_5, Ebert_5, Matteo_5, Gizermo_5, Savage_5, Bjaner7_5, Pickett_5, Haley23_5, Sproutie_5, Mocha12_5, Yeet412_5
- Track 2 : Sahara_5
- Track 3 : Easley_6, Clark_6, Sekhmet_6, Oregano_6, Suerte_5, MichaelScott_6, Dolores_6, Samman98_6, Beenie_6, WinkNick_6, Thimann_6
- Track 4 : DobbysSock_5, Annalisa_6, Dorito_5, PhriskyACE_5
- Track 5 : Powerball_5
- Track 6 : Doggs_5, GEazy_5, Bunker_5, Bowser_5, BBQValindra_5, Coriander_6, HannahD_5
- Track 7 : Eyes_5
- Track 8 : Hedwig_6, Dmitri_6
- Track 9 : DirtyBoi_6
- Track 10 : RayTheFireFly_6
- Track 11 : Kiko_6
- Track 12 : BackstagePass_5
- Track 13 : Popper_7, Zaheer_9, Ryan_9
- Track 14 : Elesar_8
- Track 15 : Nandita_9
- Track 16 : Gusanita_7
- Track 17 : Cole_7
- Track 18 : Langerak_5, Mangethe_5, Majeke_5, Donovan_5, Sonah_5, Arib1_5, Phegasus_5, Jebeks_5, Juniormint_5, Techage_5
- Track 19 : StevieRay_5, Glaske_5, Bunnies_5, Phalm_5, Megiddo_5, Polkaroo_5, KilKor_5, StressBall_5, Willsammy_5, CactusJack_5, Ksquared_5
- Track 20 : Thespis_5, Malithi_5, Venti_5, Brusacorram_5, Dynamo_5, Camster_5, FirstPlacePfu_5, Jung_5, HUHilltop_5, Necropolis_5, Phineas_5, Xavia_5, Atcoo_5, Bartholomew_5, GreaseLightnin_5, Zilizebeth_5, Kari_5, Fishburne_5, Vidya_5
- Track 21 : Shipwreck_5, Pygmy_5, Bogie_5
- Track 22 : Tortellini_5
- Track 23 : BigNuz_5, Nazo_5
- Track 24 : ThulaThula_5
- Track 25 : Phayonce_5
- Track 26 : Purky_5
- Track 27 : Finkle_5
- Track 28 : Min1_40

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 102 of the 102 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Annalisa_6, Arib1_5, Atcoo_5, Attis_5, BBQValindra_5, BackstagePass_5, Bartholomew_5, Beenie_6, BigNuz_5, Bjaner7_5, Bogie_5, Bowser_5, Brusacoram_5, Bunker_5, Bunnies_5, CactusJack_5, Camster_5, Clap_5, Clark_6, Cole_7, Coriander_6, Cynthia_5, Denise_5, DirtyBoi_6, Dmitri_6, DobbysSock_5, Doggs_5, Dolores_6, Donovan_5, Dorito_5, Dynamo_5, Easley_6, Ebert_5, EdnaMode_5, Elesar_8, Eyes_5, Finkle_5, FirstPlacePfu_5, Fishburne_5, GEazy_5, GemG_5, Gizermo_5, Glaske_5, GreaseLightnin_5, Gusanita_7, HUHilltop_5, Haley23_5, HannahD_5, Hedwig_6, JCole_5, Jebeks_5, Jung_5, Juniormint_5, Kari_5, Kiko_6, KilKor_5, Ksquared_5, Lamberg_5, Langerak_5, LordFarquaad_5, Majeke_5, Malithi_5, Mangethe_5, Matteo_5, Megiddo_5, MichaelScott_6, Mocha12_5, Nandita_9, Nazo_5, Necropolis_5, Nettuno_5, Oregano_6, Phalm_5, Phayonce_5, Phegasus_5, Phineas_5, PhriskyACE_5, Pickett_5, Polkaroo_5, Popper_7, Powerball_5, Purky_5, Pygmy_5, RayTheFireFly_6, Ryan_9, Sahara_5, Samman98_6, Savage_5, Sekhmet_6, Shipwreck_5, SoilAssassin_5, Sonah_5, Sproutie_5, StevieRay_5, StressBall_5, Suerte_5, Techage_5, Thespis_5, Thimann_6, ThulaThula_5, Tortellini_5, TuertoX_5, Vasanti_5, Venti_5, Vidya_5, Whiteclaw_5, Willsammy_5, WinkNick_6, Xavia_5, Yeet412_5, Zaheer_9, Zilizebeth_5,

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

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

- Min1_40,

Summary by start number:

Start 1:

- Found in 1 of 113 (0.9%) of genes in pham
- No Manual Annotations of this start.
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Min1_40 (singleton),

Start 2:

- Found in 112 of 113 (99.1%) of genes in pham
- Manual Annotations of this start: 102 of 102
- Called 100.0% of time when present
- Phage (with cluster) where this start called: Annalisa_6 (CZ4), Arib1_5 (P1), Atcoo_5 (P1), Attis_5 (CZ2), BBQValindra_5 (DB), BackstagePass_5 (DB), Bartholomew_5 (P1), Beenie_6 (CZ4), BigNuz_5 (P4), Bjaner7_5 (CZ2), Bogie_5 (P1), Bowser_5 (DB), Brusacoram_5 (P1), Bunker_5 (DB), Bunnies_5 (P1), CactusJack_5 (P1), Camster_5 (P1), Clap_5 (CZ2), Clark_6 (CZ4), Cole_7 (FF), Coriander_6 (DB), Cynthia_5 (CZ2), Denise_5 (CZ5), DirtyBoi_6 (DB), Dmitri_6 (DB),

DobbysSock_5 (CZ4), Doggs_5 (DB), Dolores_6 (CZ4), Donovan_5 (P1), Dorito_5 (CZ4), Dynamo_5 (P1), Easley_6 (CZ4), Ebert_5 (CZ2), EdnaMode_5 (CZ2), Elesar_8 (FF), Eyes_5 (DB), Finkle_5 (singleton), FirstPlacePfu_5 (P1), Fishburne_5 (P1), GEazy_5 (DB), GemG_5 (CZ2), Gizermo_5 (CZ2), Glaske_5 (P1), GreaseLightnin_5 (P1), Gusanita_7 (FF), HUHilltop_5 (P1), Haley23_5 (CZ2), HannahD_5 (DB), Hedwig_6 (DB), JCole_5 (CZ2), Jebeks_5 (P1), Jung_5 (P1), Juniormint_5 (P1), Kari_5 (P1), Kiko_6 (DB), KilKor_5 (P1), Ksquared_5 (P1), Lamberg_5 (CZ2), Langerak_5 (P1), LordFarquaad_5 (CZ2), Majeke_5 (P1), Malithi_5 (P1), Mangethe_5 (P1), Matteo_5 (CZ2), Megiddo_5 (P1), MichaelScott_6 (CZ4), Mocha12_5 (CZ2), Nandita_9 (FF), Nazo_5 (P4), Necropolis_5 (P1), Nettuno_5 (CZ2), Oregano_6 (CZ4), Phalm_5 (P1), Phayonce_5 (P5), Phegasus_5 (P1), Phineas_5 (P1), PhriskyACE_5 (CZ4), Pickett_5 (CZ2), Polkaroo_5 (P1), Popper_7 (FF), Powerball_5 (CZ4), Purky_5 (P6), Pygmy_5 (P1), RayTheFireFly_6 (DB), Ryan_9 (FF), Sahara_5 (CZ2), Samman98_6 (CZ4), Savage_5 (CZ2), Sekhmet_6 (CZ4), Shipwreck_5 (P1), SoilAssassin_5 (CZ2), Sonah_5 (P1), Sproutie_5 (CZ2), StevieRay_5 (P1), StressBall_5 (P1), Suerte_5 (CZ4), Techage_5 (P1), Thespis_5 (P1), Thimann_6 (CZ4), ThulaThula_5 (P5), Tortellini_5 (P2), TuertoX_5 (CZ2), Vasanti_5 (CZ2), Venti_5 (P1), Vidya_5 (P1), Whiteclaw_5 (CZ2), Willsammy_5 (P1), WinkNick_6 (CZ4), Xavia_5 (P3), Yeet412_5 (CZ2), Zaheer_9 (FF), Zilizebeth_5 (P1),

Summary by clusters:

There are 12 clusters represented in this pham: P2, P3, singleton, P1, P6, P4, P5, CZ2, DB, CZ4, CZ5, FF,

Info for manual annotations of cluster CZ2:

- Start number 2 was manually annotated 22 times for cluster CZ2.

Info for manual annotations of cluster CZ4:

- Start number 2 was manually annotated 14 times for cluster CZ4.

Info for manual annotations of cluster CZ5:

- Start number 2 was manually annotated 1 time for cluster CZ5.

Info for manual annotations of cluster DB:

- Start number 2 was manually annotated 12 times for cluster DB.

Info for manual annotations of cluster FF:

- Start number 2 was manually annotated 7 times for cluster FF.

Info for manual annotations of cluster P1:

- Start number 2 was manually annotated 38 times for cluster P1.

Info for manual annotations of cluster P2:

- Start number 2 was manually annotated 1 time for cluster P2.

Info for manual annotations of cluster P3:

- Start number 2 was manually annotated 1 time for cluster P3.

Info for manual annotations of cluster P4:

- Start number 2 was manually annotated 2 times for cluster P4.

Info for manual annotations of cluster P5:

- Start number 2 was manually annotated 2 times for cluster P5.

Info for manual annotations of cluster P6:

- Start number 2 was manually annotated 1 time for cluster P6.

Gene Information:

Gene: Annalisa_6 Start: 4955, Stop: 5317, Start Num: 2

Candidate Starts for Annalisa_6:

(Start: 2 @4955 has 102 MA's), (9, 5036), (10, 5039), (11, 5042), (18, 5114),

Gene: Arib1_5 Start: 4896, Stop: 5261, Start Num: 2

Candidate Starts for Arib1_5:

(Start: 2 @4896 has 102 MA's), (8, 4959), (14, 5010), (15, 5031), (17, 5040), (20, 5073), (21, 5076),

Gene: Atcoo_5 Start: 4880, Stop: 5245, Start Num: 2

Candidate Starts for Atcoo_5:

(Start: 2 @4880 has 102 MA's), (8, 4943), (11, 4967), (15, 5015), (17, 5024), (21, 5060), (24, 5078),

Gene: Attis_5 Start: 4464, Stop: 4826, Start Num: 2

Candidate Starts for Attis_5:

(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: BBQValindra_5 Start: 4809, Stop: 5171, Start Num: 2

Candidate Starts for BBQValindra_5:

(Start: 2 @4809 has 102 MA's), (11, 4896), (27, 5052),

Gene: BackstagePass_5 Start: 4786, Stop: 5148, Start Num: 2

Candidate Starts for BackstagePass_5:

(Start: 2 @4786 has 102 MA's), (27, 5029),

Gene: Bartholomew_5 Start: 4892, Stop: 5257, Start Num: 2

Candidate Starts for Bartholomew_5:

(Start: 2 @4892 has 102 MA's), (8, 4955), (11, 4979), (15, 5027), (17, 5036), (21, 5072), (24, 5090),

Gene: Beenie_6 Start: 4955, Stop: 5317, Start Num: 2

Candidate Starts for Beenie_6:

(Start: 2 @4955 has 102 MA's), (9, 5036), (11, 5042), (18, 5114),

Gene: BigNuz_5 Start: 4865, Stop: 5230, Start Num: 2

Candidate Starts for BigNuz_5:

(Start: 2 @4865 has 102 MA's), (6, 4910), (11, 4952), (14, 4979), (15, 5000), (17, 5009), (20, 5042), (21, 5045), (24, 5063),

Gene: Bjaner7_5 Start: 4464, Stop: 4826, Start Num: 2

Candidate Starts for Bjaner7_5:

(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: Bogie_5 Start: 4880, Stop: 5245, Start Num: 2

Candidate Starts for Bogie_5:

(Start: 2 @4880 has 102 MA's), (8, 4943), (15, 5015), (17, 5024), (21, 5060), (24, 5078),

Gene: Bowser_5 Start: 4806, Stop: 5168, Start Num: 2

Candidate Starts for Bowser_5:

(Start: 2 @4806 has 102 MA's), (11, 4893), (27, 5049),

Gene: Brusacoram_5 Start: 4879, Stop: 5244, Start Num: 2

Candidate Starts for Brusacoram_5:

(Start: 2 @4879 has 102 MA's), (8, 4942), (11, 4966), (15, 5014), (17, 5023), (21, 5059), (24, 5077),

Gene: Bunker_5 Start: 4809, Stop: 5171, Start Num: 2

Candidate Starts for Bunker_5:

(Start: 2 @4809 has 102 MA's), (11, 4896), (27, 5052),

Gene: Bunnies_5 Start: 4892, Stop: 5257, Start Num: 2

Candidate Starts for Bunnies_5:

(Start: 2 @4892 has 102 MA's), (8, 4955), (11, 4979), (17, 5036), (21, 5072), (24, 5090),

Gene: CactusJack_5 Start: 4879, Stop: 5244, Start Num: 2

Candidate Starts for CactusJack_5:

(Start: 2 @4879 has 102 MA's), (8, 4942), (11, 4966), (17, 5023), (21, 5059), (24, 5077),

Gene: Camster_5 Start: 4892, Stop: 5257, Start Num: 2

Candidate Starts for Camster_5:

(Start: 2 @4892 has 102 MA's), (8, 4955), (11, 4979), (15, 5027), (17, 5036), (21, 5072), (24, 5090),

Gene: Clap_5 Start: 4464, Stop: 4826, Start Num: 2

Candidate Starts for Clap_5:

(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: Clark_6 Start: 4955, Stop: 5317, Start Num: 2

Candidate Starts for Clark_6:

(Start: 2 @4955 has 102 MA's), (9, 5036), (11, 5042), (18, 5114),

Gene: Cole_7 Start: 5835, Stop: 6194, Start Num: 2

Candidate Starts for Cole_7:

(Start: 2 @5835 has 102 MA's), (7, 5886), (13, 5943), (19, 6003), (22, 6021),

Gene: Coriander_6 Start: 5185, Stop: 5547, Start Num: 2

Candidate Starts for Coriander_6:

(Start: 2 @5185 has 102 MA's), (11, 5272), (27, 5428),

Gene: Cynthia_5 Start: 4464, Stop: 4826, Start Num: 2

Candidate Starts for Cynthia_5:

(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: Denise_5 Start: 4473, Stop: 4835, Start Num: 2

Candidate Starts for Denise_5:

(Start: 2 @4473 has 102 MA's), (8, 4536), (9, 4554), (11, 4560), (17, 4617),

Gene: DirtyBoi_6 Start: 5167, Stop: 5529, Start Num: 2

Candidate Starts for DirtyBoi_6:

(Start: 2 @5167 has 102 MA's), (12, 5269), (20, 5344), (22, 5350), (27, 5410),

Gene: Dmitri_6 Start: 5167, Stop: 5529, Start Num: 2
Candidate Starts for Dmitri_6:
(Start: 2 @5167 has 102 MA's), (12, 5269), (15, 5302), (20, 5344), (22, 5350), (27, 5410),

Gene: DobbysSock_5 Start: 4453, Stop: 4815, Start Num: 2
Candidate Starts for DobbysSock_5:
(Start: 2 @4453 has 102 MA's), (9, 4534), (10, 4537), (11, 4540), (18, 4612),

Gene: Doggs_5 Start: 4882, Stop: 5244, Start Num: 2
Candidate Starts for Doggs_5:
(Start: 2 @4882 has 102 MA's), (11, 4969), (27, 5125),

Gene: Dolores_6 Start: 4955, Stop: 5317, Start Num: 2
Candidate Starts for Dolores_6:
(Start: 2 @4955 has 102 MA's), (9, 5036), (11, 5042), (18, 5114),

Gene: Donovan_5 Start: 4896, Stop: 5261, Start Num: 2
Candidate Starts for Donovan_5:
(Start: 2 @4896 has 102 MA's), (8, 4959), (14, 5010), (15, 5031), (17, 5040), (20, 5073), (21, 5076),

Gene: Dorito_5 Start: 4453, Stop: 4815, Start Num: 2
Candidate Starts for Dorito_5:
(Start: 2 @4453 has 102 MA's), (9, 4534), (10, 4537), (11, 4540), (18, 4612),

Gene: Dynamo_5 Start: 4892, Stop: 5257, Start Num: 2
Candidate Starts for Dynamo_5:
(Start: 2 @4892 has 102 MA's), (8, 4955), (11, 4979), (15, 5027), (17, 5036), (21, 5072), (24, 5090),

Gene: Easley_6 Start: 4955, Stop: 5317, Start Num: 2
Candidate Starts for Easley_6:
(Start: 2 @4955 has 102 MA's), (9, 5036), (11, 5042), (18, 5114),

Gene: Ebert_5 Start: 4464, Stop: 4826, Start Num: 2
Candidate Starts for Ebert_5:
(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: EdnaMode_5 Start: 4464, Stop: 4826, Start Num: 2
Candidate Starts for EdnaMode_5:
(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: Elesar_8 Start: 6224, Stop: 6583, Start Num: 2
Candidate Starts for Elesar_8:
(Start: 2 @6224 has 102 MA's), (7, 6275), (13, 6332), (19, 6392), (20, 6404), (22, 6410),

Gene: Eyes_5 Start: 4815, Stop: 5177, Start Num: 2
Candidate Starts for Eyes_5:
(Start: 2 @4815 has 102 MA's), (11, 4902), (23, 5001), (27, 5058),

Gene: Finkle_5 Start: 4607, Stop: 4954, Start Num: 2
Candidate Starts for Finkle_5:
(Start: 2 @4607 has 102 MA's), (8, 4670), (9, 4688), (20, 4781), (27, 4847),

Gene: FirstPlacePfu_5 Start: 4892, Stop: 5257, Start Num: 2
Candidate Starts for FirstPlacePfu_5:
(Start: 2 @4892 has 102 MA's), (8, 4955), (11, 4979), (15, 5027), (17, 5036), (21, 5072), (24, 5090),

Gene: Fishburne_5 Start: 4892, Stop: 5257, Start Num: 2
Candidate Starts for Fishburne_5:
(Start: 2 @4892 has 102 MA's), (8, 4955), (11, 4979), (15, 5027), (17, 5036), (21, 5072), (24, 5090),

Gene: GEazy_5 Start: 4818, Stop: 5180, Start Num: 2
Candidate Starts for GEazy_5:
(Start: 2 @4818 has 102 MA's), (11, 4905), (27, 5061),

Gene: GemG_5 Start: 4464, Stop: 4826, Start Num: 2
Candidate Starts for GemG_5:
(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: Gizermo_5 Start: 4464, Stop: 4826, Start Num: 2
Candidate Starts for Gizermo_5:
(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: Glaske_5 Start: 4879, Stop: 5244, Start Num: 2
Candidate Starts for Glaske_5:
(Start: 2 @4879 has 102 MA's), (8, 4942), (11, 4966), (17, 5023), (21, 5059), (24, 5077),

Gene: GreaseLightnin_5 Start: 4892, Stop: 5257, Start Num: 2
Candidate Starts for GreaseLightnin_5:
(Start: 2 @4892 has 102 MA's), (8, 4955), (11, 4979), (15, 5027), (17, 5036), (21, 5072), (24, 5090),

Gene: Gusanita_7 Start: 6107, Stop: 6469, Start Num: 2
Candidate Starts for Gusanita_7:
(Start: 2 @6107 has 102 MA's), (25, 6314), (32, 6440),

Gene: HUHilltop_5 Start: 4892, Stop: 5257, Start Num: 2
Candidate Starts for HUHilltop_5:
(Start: 2 @4892 has 102 MA's), (8, 4955), (11, 4979), (15, 5027), (17, 5036), (21, 5072), (24, 5090),

Gene: Haley23_5 Start: 4464, Stop: 4826, Start Num: 2
Candidate Starts for Haley23_5:
(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: HannahD_5 Start: 4818, Stop: 5180, Start Num: 2
Candidate Starts for HannahD_5:
(Start: 2 @4818 has 102 MA's), (11, 4905), (27, 5061),

Gene: Hedwig_6 Start: 5167, Stop: 5529, Start Num: 2
Candidate Starts for Hedwig_6:
(Start: 2 @5167 has 102 MA's), (12, 5269), (15, 5302), (20, 5344), (22, 5350), (27, 5410),

Gene: JCole_5 Start: 4464, Stop: 4826, Start Num: 2
Candidate Starts for JCole_5:
(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: Jebeks_5 Start: 4896, Stop: 5261, Start Num: 2

Candidate Starts for Jebeks_5:

(Start: 2 @4896 has 102 MA's), (8, 4959), (14, 5010), (15, 5031), (17, 5040), (20, 5073), (21, 5076),

Gene: Jung_5 Start: 4879, Stop: 5244, Start Num: 2

Candidate Starts for Jung_5:

(Start: 2 @4879 has 102 MA's), (8, 4942), (11, 4966), (15, 5014), (17, 5023), (21, 5059), (24, 5077),

Gene: Juniormint_5 Start: 4899, Stop: 5264, Start Num: 2

Candidate Starts for Juniormint_5:

(Start: 2 @4899 has 102 MA's), (8, 4962), (14, 5013), (15, 5034), (17, 5043), (20, 5076), (21, 5079),

Gene: Kari_5 Start: 4892, Stop: 5257, Start Num: 2

Candidate Starts for Kari_5:

(Start: 2 @4892 has 102 MA's), (8, 4955), (11, 4979), (15, 5027), (17, 5036), (21, 5072), (24, 5090),

Gene: Kiko_6 Start: 5029, Stop: 5388, Start Num: 2

Candidate Starts for Kiko_6:

(Start: 2 @5029 has 102 MA's), (4, 5044), (13, 5131), (17, 5170), (20, 5203), (22, 5209), (28, 5272),

Gene: KilKor_5 Start: 4879, Stop: 5244, Start Num: 2

Candidate Starts for KilKor_5:

(Start: 2 @4879 has 102 MA's), (8, 4942), (11, 4966), (17, 5023), (21, 5059), (24, 5077),

Gene: Ksquared_5 Start: 4892, Stop: 5257, Start Num: 2

Candidate Starts for Ksquared_5:

(Start: 2 @4892 has 102 MA's), (8, 4955), (11, 4979), (17, 5036), (21, 5072), (24, 5090),

Gene: Lamberg_5 Start: 4464, Stop: 4826, Start Num: 2

Candidate Starts for Lamberg_5:

(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: Langerak_5 Start: 4896, Stop: 5261, Start Num: 2

Candidate Starts for Langerak_5:

(Start: 2 @4896 has 102 MA's), (8, 4959), (14, 5010), (15, 5031), (17, 5040), (20, 5073), (21, 5076),

Gene: LordFarquaad_5 Start: 4464, Stop: 4826, Start Num: 2

Candidate Starts for LordFarquaad_5:

(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: Majeke_5 Start: 4896, Stop: 5261, Start Num: 2

Candidate Starts for Majeke_5:

(Start: 2 @4896 has 102 MA's), (8, 4959), (14, 5010), (15, 5031), (17, 5040), (20, 5073), (21, 5076),

Gene: Malithi_5 Start: 4892, Stop: 5257, Start Num: 2

Candidate Starts for Malithi_5:

(Start: 2 @4892 has 102 MA's), (8, 4955), (11, 4979), (15, 5027), (17, 5036), (21, 5072), (24, 5090),

Gene: Mangethe_5 Start: 4896, Stop: 5261, Start Num: 2

Candidate Starts for Mangethe_5:

(Start: 2 @4896 has 102 MA's), (8, 4959), (14, 5010), (15, 5031), (17, 5040), (20, 5073), (21, 5076),

Gene: Matteo_5 Start: 4464, Stop: 4826, Start Num: 2

Candidate Starts for Matteo_5:

(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: Megiddo_5 Start: 4879, Stop: 5244, Start Num: 2

Candidate Starts for Megiddo_5:

(Start: 2 @4879 has 102 MA's), (8, 4942), (11, 4966), (17, 5023), (21, 5059), (24, 5077),

Gene: MichaelScott_6 Start: 4955, Stop: 5317, Start Num: 2

Candidate Starts for MichaelScott_6:

(Start: 2 @4955 has 102 MA's), (9, 5036), (11, 5042), (18, 5114),

Gene: Min1_40 Start: 21806, Stop: 22165, Start Num: 1

Candidate Starts for Min1_40:

(1, 21806), (5, 21848), (11, 21896), (20, 21986), (22, 21992), (24, 22013), (29, 22082), (31, 22106), (33, 22145),

Gene: Mocha12_5 Start: 4464, Stop: 4826, Start Num: 2

Candidate Starts for Mocha12_5:

(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: Nandita_9 Start: 6219, Stop: 6581, Start Num: 2

Candidate Starts for Nandita_9:

(Start: 2 @6219 has 102 MA's), (16, 6357), (32, 6552),

Gene: Nazo_5 Start: 4865, Stop: 5230, Start Num: 2

Candidate Starts for Nazo_5:

(Start: 2 @4865 has 102 MA's), (6, 4910), (11, 4952), (14, 4979), (15, 5000), (17, 5009), (20, 5042), (21, 5045), (24, 5063),

Gene: Necropolis_5 Start: 4892, Stop: 5257, Start Num: 2

Candidate Starts for Necropolis_5:

(Start: 2 @4892 has 102 MA's), (8, 4955), (11, 4979), (15, 5027), (17, 5036), (21, 5072), (24, 5090),

Gene: Nettuno_5 Start: 4464, Stop: 4826, Start Num: 2

Candidate Starts for Nettuno_5:

(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: Oregano_6 Start: 4626, Stop: 4988, Start Num: 2

Candidate Starts for Oregano_6:

(Start: 2 @4626 has 102 MA's), (9, 4707), (11, 4713), (18, 4785),

Gene: Phalm_5 Start: 4879, Stop: 5244, Start Num: 2

Candidate Starts for Phalm_5:

(Start: 2 @4879 has 102 MA's), (8, 4942), (11, 4966), (17, 5023), (21, 5059), (24, 5077),

Gene: Phayonce_5 Start: 4861, Stop: 5226, Start Num: 2

Candidate Starts for Phayonce_5:

(Start: 2 @4861 has 102 MA's), (9, 4942), (11, 4948), (14, 4975), (20, 5038), (21, 5041), (24, 5059),

Gene: Phegasus_5 Start: 4896, Stop: 5261, Start Num: 2

Candidate Starts for Phegasus_5:

(Start: 2 @4896 has 102 MA's), (8, 4959), (14, 5010), (15, 5031), (17, 5040), (20, 5073), (21, 5076),

Gene: Phineas_5 Start: 4880, Stop: 5245, Start Num: 2

Candidate Starts for Phineas_5:

(Start: 2 @4880 has 102 MA's), (8, 4943), (11, 4967), (15, 5015), (17, 5024), (21, 5060), (24, 5078),

Gene: PhriskyACE_5 Start: 4453, Stop: 4815, Start Num: 2

Candidate Starts for PhriskyACE_5:

(Start: 2 @4453 has 102 MA's), (9, 4534), (10, 4537), (11, 4540), (18, 4612),

Gene: Pickett_5 Start: 4464, Stop: 4826, Start Num: 2

Candidate Starts for Pickett_5:

(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: Polkaroo_5 Start: 4892, Stop: 5257, Start Num: 2

Candidate Starts for Polkaroo_5:

(Start: 2 @4892 has 102 MA's), (8, 4955), (11, 4979), (17, 5036), (21, 5072), (24, 5090),

Gene: Popper_7 Start: 5711, Stop: 6073, Start Num: 2

Candidate Starts for Popper_7:

(Start: 2 @5711 has 102 MA's), (3, 5723), (8, 5774),

Gene: Powerball_5 Start: 4453, Stop: 4815, Start Num: 2

Candidate Starts for Powerball_5:

(Start: 2 @4453 has 102 MA's), (9, 4534), (18, 4612),

Gene: Purky_5 Start: 4864, Stop: 5229, Start Num: 2

Candidate Starts for Purky_5:

(Start: 2 @4864 has 102 MA's), (6, 4909), (11, 4951), (14, 4978), (15, 4999), (20, 5041), (21, 5044), (24, 5062), (29, 5131),

Gene: Pygmy_5 Start: 4880, Stop: 5245, Start Num: 2

Candidate Starts for Pygmy_5:

(Start: 2 @4880 has 102 MA's), (8, 4943), (15, 5015), (17, 5024), (21, 5060), (24, 5078),

Gene: RayTheFireFly_6 Start: 5191, Stop: 5553, Start Num: 2

Candidate Starts for RayTheFireFly_6:

(Start: 2 @5191 has 102 MA's), (11, 5278), (20, 5368), (22, 5374), (27, 5434), (30, 5461),

Gene: Ryan_9 Start: 6329, Stop: 6691, Start Num: 2

Candidate Starts for Ryan_9:

(Start: 2 @6329 has 102 MA's), (3, 6341), (8, 6392),

Gene: Sahara_5 Start: 4455, Stop: 4817, Start Num: 2

Candidate Starts for Sahara_5:

(Start: 2 @4455 has 102 MA's), (8, 4518), (9, 4536), (11, 4542), (17, 4599), (22, 4638),

Gene: Samman98_6 Start: 4955, Stop: 5317, Start Num: 2

Candidate Starts for Samman98_6:

(Start: 2 @4955 has 102 MA's), (9, 5036), (11, 5042), (18, 5114),

Gene: Savage_5 Start: 4464, Stop: 4826, Start Num: 2

Candidate Starts for Savage_5:

(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: Sekhmet_6 Start: 4955, Stop: 5317, Start Num: 2

Candidate Starts for Sekhmet_6:

(Start: 2 @4955 has 102 MA's), (9, 5036), (11, 5042), (18, 5114),

Gene: Shipwreck_5 Start: 4880, Stop: 5245, Start Num: 2

Candidate Starts for Shipwreck_5:

(Start: 2 @4880 has 102 MA's), (8, 4943), (15, 5015), (17, 5024), (21, 5060), (24, 5078),

Gene: SoilAssassin_5 Start: 4464, Stop: 4826, Start Num: 2

Candidate Starts for SoilAssassin_5:

(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: Sonah_5 Start: 4896, Stop: 5261, Start Num: 2

Candidate Starts for Sonah_5:

(Start: 2 @4896 has 102 MA's), (8, 4959), (14, 5010), (15, 5031), (17, 5040), (20, 5073), (21, 5076),

Gene: Sproutie_5 Start: 4464, Stop: 4826, Start Num: 2

Candidate Starts for Sproutie_5:

(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: StevieRay_5 Start: 4883, Stop: 5248, Start Num: 2

Candidate Starts for StevieRay_5:

(Start: 2 @4883 has 102 MA's), (8, 4946), (11, 4970), (17, 5027), (21, 5063), (24, 5081),

Gene: StressBall_5 Start: 4879, Stop: 5244, Start Num: 2

Candidate Starts for StressBall_5:

(Start: 2 @4879 has 102 MA's), (8, 4942), (11, 4966), (17, 5023), (21, 5059), (24, 5077),

Gene: Suerte_5 Start: 4453, Stop: 4815, Start Num: 2

Candidate Starts for Suerte_5:

(Start: 2 @4453 has 102 MA's), (9, 4534), (11, 4540), (18, 4612),

Gene: Techage_5 Start: 4899, Stop: 5264, Start Num: 2

Candidate Starts for Techage_5:

(Start: 2 @4899 has 102 MA's), (8, 4962), (14, 5013), (15, 5034), (17, 5043), (20, 5076), (21, 5079),

Gene: Thespis_5 Start: 4879, Stop: 5244, Start Num: 2

Candidate Starts for Thespis_5:

(Start: 2 @4879 has 102 MA's), (8, 4942), (11, 4966), (15, 5014), (17, 5023), (21, 5059), (24, 5077),

Gene: Thimann_6 Start: 4955, Stop: 5317, Start Num: 2

Candidate Starts for Thimann_6:

(Start: 2 @4955 has 102 MA's), (9, 5036), (11, 5042), (18, 5114),

Gene: ThulaThula_5 Start: 4906, Stop: 5271, Start Num: 2

Candidate Starts for ThulaThula_5:

(Start: 2 @4906 has 102 MA's), (9, 4987), (11, 4993), (14, 5020), (20, 5083), (21, 5086), (24, 5104), (26, 5128),

Gene: Tortellini_5 Start: 4852, Stop: 5217, Start Num: 2

Candidate Starts for Tortellini_5:

(Start: 2 @4852 has 102 MA's), (8, 4915), (13, 4957), (14, 4966), (20, 5029), (21, 5032), (24, 5050), (25, 5059),

Gene: TuertoX_5 Start: 4464, Stop: 4826, Start Num: 2
Candidate Starts for TuertoX_5:
(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: Vasanti_5 Start: 4465, Stop: 4827, Start Num: 2
Candidate Starts for Vasanti_5:
(Start: 2 @4465 has 102 MA's), (8, 4528), (9, 4546), (11, 4552), (17, 4609),

Gene: Venti_5 Start: 4892, Stop: 5257, Start Num: 2
Candidate Starts for Venti_5:
(Start: 2 @4892 has 102 MA's), (8, 4955), (11, 4979), (15, 5027), (17, 5036), (21, 5072), (24, 5090),

Gene: Vidya_5 Start: 4892, Stop: 5257, Start Num: 2
Candidate Starts for Vidya_5:
(Start: 2 @4892 has 102 MA's), (8, 4955), (11, 4979), (15, 5027), (17, 5036), (21, 5072), (24, 5090),

Gene: Whiteclaw_5 Start: 4464, Stop: 4826, Start Num: 2
Candidate Starts for Whiteclaw_5:
(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: Willsammy_5 Start: 4882, Stop: 5247, Start Num: 2
Candidate Starts for Willsammy_5:
(Start: 2 @4882 has 102 MA's), (8, 4945), (11, 4969), (17, 5026), (21, 5062), (24, 5080),

Gene: WinkNick_6 Start: 4955, Stop: 5317, Start Num: 2
Candidate Starts for WinkNick_6:
(Start: 2 @4955 has 102 MA's), (9, 5036), (11, 5042), (18, 5114),

Gene: Xavia_5 Start: 4893, Stop: 5258, Start Num: 2
Candidate Starts for Xavia_5:
(Start: 2 @4893 has 102 MA's), (8, 4956), (11, 4980), (15, 5028), (17, 5037), (21, 5073), (24, 5091),

Gene: Yeet412_5 Start: 4464, Stop: 4826, Start Num: 2
Candidate Starts for Yeet412_5:
(Start: 2 @4464 has 102 MA's), (8, 4527), (9, 4545), (11, 4551), (17, 4608),

Gene: Zaheer_9 Start: 6418, Stop: 6780, Start Num: 2
Candidate Starts for Zaheer_9:
(Start: 2 @6418 has 102 MA's), (3, 6430), (8, 6481),

Gene: Zilizebeth_5 Start: 4892, Stop: 5257, Start Num: 2
Candidate Starts for Zilizebeth_5:
(Start: 2 @4892 has 102 MA's), (8, 4955), (11, 4979), (15, 5027), (17, 5036), (21, 5072), (24, 5090),