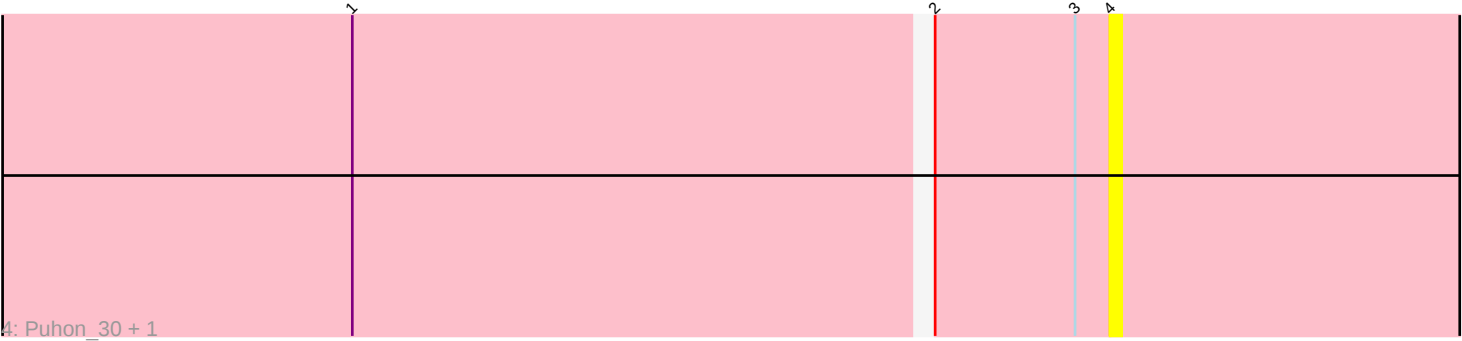
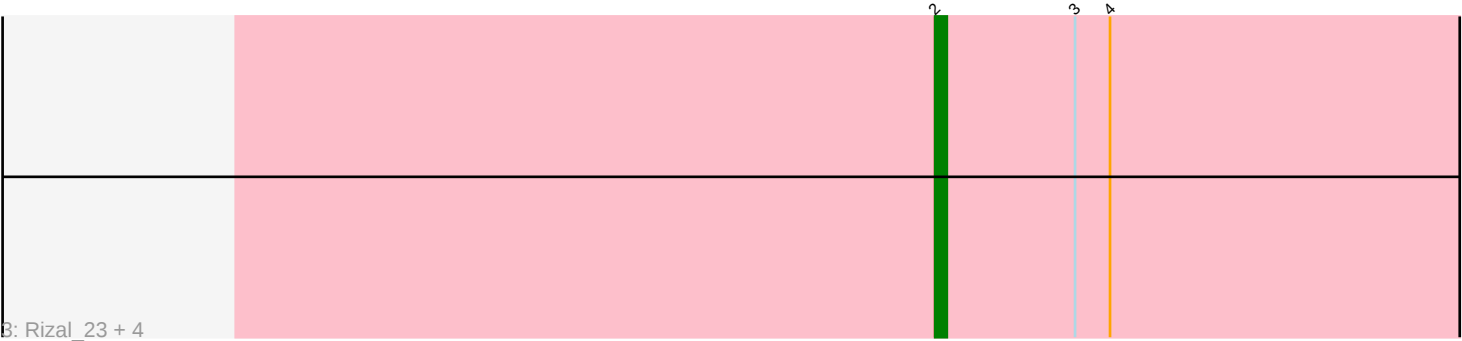




Note: Tracks are now grouped by subcluster and scaled. Switching in subcluster is indicated by changes in track color. Track scale is now set by default to display the region 30 bp upstream of start 1 to 30 bp downstream of the last possible start. If this default region is judged to be packed too tightly 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 328722 Report

This analysis was run 09/05/26 on database version 662.

Pham number 328722 has 181 members, 4 are drafts.

Phages represented in each track:

- Track 1 : Capablanca\_26, Dietrick\_20, OrediggerDelux\_27, Kboogie\_25, McGee\_24, Shrimp\_25, Asterius\_26, ZygoTaiga\_25, Ghost\_24, Cali\_25, Babyland\_24, Pleione\_27, GlutenPhree\_25, Spud\_27, Colt\_18, Amataga\_24, EmToTheThree\_28, LordLeafolot\_31, RoMag\_19, Matsumoto\_23, Jessibeth14\_24, JustHall\_24, Delylah\_26, ET08\_20, Blackbrain\_23, NoodleTree\_23, Patter\_24, NedWong\_26, CharlieB\_25, Yucca\_25, LifeSavor\_25, Zalkecks\_27, ArcherS7\_23, Koguma\_21, Phlegm\_26, Pier\_26, Rabinovish\_24, FrayBell\_31, SrishMeg2525\_24, TinyTim\_25, Bangla1971\_23, SmallFry\_24, Specks\_29, Phusco\_24, Morizzled23\_24, Chomp\_24, Teardrop\_24, Audrick\_26, ChickenPhender\_24, Ading\_24, Bonray\_25, Norm\_25, Janiyr\_24, Iota\_22, Khaleesi\_24, NuevoMundo\_28, ParkTD\_24, Drazdys\_25, Burrough\_25, IkeLoa\_20, Loanshark\_25, Alice\_20, Latch\_24, Stubby\_23, Tyke\_26, Bxz1\_26, Adlitam\_24, Basquiat\_24, Gangam\_24, Darko\_24, ScottMcG\_25, Pivoine\_24, Breeniome\_25, Dessert\_25, BobaPhatt\_25, Daffodil\_27, Salacia\_27, Gabriel\_25, Quasimodo\_24, BeanWater\_20, ChaylaJr\_24, Jedediah\_25, InterFolia\_31, Blubba\_19, Delilah\_25, Cactojaque\_22, Kamryn\_24, Nidhogg\_26, Guwapp\_24, CindyLou\_24, FudgeTart\_26, Fixie\_21, ErnieJ\_26, StubbySaigey\_24, DrPhinkDaddy\_25, HyRo\_23, Derek\_25, YemiJoy2021\_26, Willis\_25, FoxtrotP1\_25, Littleton\_24, Jezreel\_23, Bipolarisk\_24, Sauce\_26, ShiaLabeouf\_24, Nappy\_26, ValleyTerrace\_24, BadAgartude\_26, Melpomini\_24, Naval22\_27, Cane17\_18, YoungMoneyMata\_24, Shelob\_27, Mikro\_22, Essence\_23, QBert\_23, Ngannou\_23, Erdmann\_26, EmmaElysia\_23, Megamind\_25, Fludd\_24, SVoro\_24, Mangeria\_28, McWolfish\_24, Lee7\_27, Chergie21\_24, LinStu\_25, Yassified\_22, Shnickers\_24, Roots515\_25, Jaygup\_24, Ablatia\_23, SilverDipper\_25, InigoMontoya\_25, Trinitium\_24, Jemmno\_24, Tortoise16\_23, DTDevon\_25, Rahel\_24, MikeLiesIn\_25, Catera\_23, Maby2021\_26, Caravan\_23, JPickles\_23, Wally\_24, Momo\_23, Shifa\_21, Napoleon13\_24, MoMoMixon\_26, Naija\_24, Pio\_28
- Track 2 : Ava3\_26, Izajani\_26, Turret\_23, Zeenon\_27, I3\_27, Bigswole\_31, Phox\_24, Domi\_19, Bread\_26, Cleatunium\_21, Sprinklers\_25, Ronan\_20, JulietS\_20, Sebata\_25, LolaVinca\_27, DirtMonster\_23, BananaFence\_26, StephanieG\_24, Issimir\_25, EasyJones\_24, Labradorite\_22, Lethe\_24, BackyardAgain\_22
- Track 3 : Rizal\_23, Dandelion\_28, Gizmo\_27, Flabslab\_26, Ewok\_25
- Track 4 : Puhon\_30, Rocha\_23

**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 151 of the 177 non-draft genes in the pham.

Genes that call this "Most Annotated" start:

- Ablatia\_23, Ading\_24, Adlitam\_24, Alice\_20, Amataga\_24, ArcherS7\_23, Asterius\_26, Audrick\_26, Babyland\_24, BadAgartude\_26, Bangla1971\_23, Basquiat\_24, BeanWater\_20, Bipolarisk\_24, Blackbrain\_23, Blubba\_19, BobaPhatt\_25, Bonray\_25, Breeniome\_25, Burrough\_25, Bxz1\_26, Cactojaque\_22, Cali\_25, Cane17\_18, Capablanca\_26, Caravan\_23, Catera\_23, Chargie21\_24, CharlieB\_25, ChaylaJr\_24, ChickenPhender\_24, Chomp\_24, CindyLou\_24, Colt\_18, DTDevon\_25, Daffodil\_27, Darko\_24, Delilah\_25, Delylah\_26, Derek\_25, Dessert\_25, Dietrick\_20, DrPhinkDaddy\_25, Drazdys\_25, ET08\_20, EmToTheThree\_28, EmmaElysia\_23, Erdmann\_26, ErnieJ\_26, Essence\_23, Fixie\_21, Fludd\_24, FoxtrotP1\_25, FrayBell\_31, FudgeTart\_26, Gabriel\_25, Gamgam\_24, Ghost\_24, GlutenPhree\_25, Guwapp\_24, HyRo\_23, IkeLoa\_20, InigoMontoya\_25, InterFolia\_31, Iota\_22, JPickles\_23, Janiyra\_24, Jaygup\_24, Jedediah\_25, Jemmno\_24, Jessibeth14\_24, Jezreel\_23, JustHall\_24, Kamryn\_24, Kboogie\_25, Khaleesi\_24, Koguma\_21, Latch\_24, Lee7\_27, LifeSavor\_25, LinStu\_25, Littleton\_24, Loanshark\_25, LordLeafolot\_31, Maby2021\_26, Mangeria\_28, Matsumoto\_23, McGee\_24, McWolfish\_24, Megamind\_25, Melpomini\_24, MikeLiesIn\_25, Mikro\_22, MoMoMixon\_26, Momo\_23, Morizzled23\_24, Naija\_24, Napoleon13\_24, Nappy\_26, Naval22\_27, NedWong\_26, Ngannou\_23, Nidhogg\_26, NoodleTree\_23, Norm\_25, NuevoMundo\_28, OrediggerDelux\_27, ParkTD\_24, Patter\_24, Phlegm\_26, Phusco\_24, Pier\_26, Pio\_28, Pivoine\_24, Pleione\_27, QBert\_23, Quasimodo\_24, Rabinovich\_24, Rahel\_24, RoMag\_19, Roots515\_25, SVoro\_24, Salacia\_27, Sauce\_26, ScottMcG\_25, Shelob\_27, ShiaLabeouf\_24, Shifa\_21, Shnicks\_24, Shrimp\_25, SilverDipper\_25, SmallFry\_24, Specks\_29, Spud\_27, SrishMeg2525\_24, StubbySaigey\_24, Stubby\_23, Teardrop\_24, TinyTim\_25, Tortoise16\_23, Trinitium\_24, Tyke\_26, ValleyTerrace\_24, Wally\_24, Willis\_25, Yassified\_22, YemiJoy2021\_26, YoungMoneyMata\_24, Yucca\_25, Zalkecks\_27, ZygoTaiga\_25,

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

- Ava3\_26, BackyardAgain\_22, BananaFence\_26, Bigswole\_31, Bread\_26, Cleatunium\_21, DirtMonster\_23, Domi\_19, EasyJones\_24, I3\_27, Issimir\_25, Izajani\_26, JulietS\_20, Labradorite\_22, Lethe\_24, LolaVinca\_27, Phox\_24, Puhon\_30, Rocha\_23, Ronan\_20, Sebata\_25, Sprinklers\_25, StephanieG\_24, Turret\_23, Zeenon\_27,

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

- Dandelion\_28, Ewok\_25, FlabsLab\_26, Gizmo\_27, Rizal\_23,

### Summary by start number:

Start 1:

- Found in 176 of 181 ( 97.2% ) of genes in pham
- Manual Annotations of this start: 151 of 177
- Called 85.8% of time when present
- Phage (with cluster) where this start called: Ablatia\_23 (C1), Ading\_24 (C1), Adlitam\_24 (C1), Alice\_20 (C1), Amataga\_24 (C1), ArcherS7\_23 (C1), Asterius\_26 (C1), Audrick\_26 (C1), Babyland\_24 (C1), BadAgartude\_26 (C1), Bangla1971\_23 (C1), Basquiat\_24 (C1), BeanWater\_20 (C1), Bipolarisk\_24 (C1), Blackbrain\_23 (C1),

Blubba\_19 (C1), BobaPhatt\_25 (C1), Bonray\_25 (C1), Breeniome\_25 (C1),  
 Burrough\_25 (C1), Bxz1\_26 (C1), Cactojaque\_22 (C1), Cali\_25 (C1), Cane17\_18  
 (C1), Capablanca\_26 (C1), Caravan\_23 (C1), Catera\_23 (C1), Chargie21\_24 (C1),  
 CharlieB\_25 (C1), ChaylaJr\_24 (C1), ChickenPhender\_24 (C1), Chomp\_24 (C1),  
 CindyLou\_24 (C1), Colt\_18 (C1), DTDevon\_25 (C1), Daffodil\_27 (C1), Darko\_24  
 (C1), Delilah\_25 (C1), Delylah\_26 (C1), Derek\_25 (C1), Dessert\_25 (C1), Dietrick\_20  
 (C1), DrPhinkDaddy\_25 (C1), Drazdys\_25 (C1), ET08\_20 (C1), EmToTheThree\_28  
 (C1), EmmaElysia\_23 (C1), Erdmann\_26 (C1), ErnieJ\_26 (C1), Essence\_23 (C1),  
 Fixie\_21 (C1), Fludd\_24 (C1), FoxtrotP1\_25 (C1), FrayBell\_31 (C1), FudgeTart\_26  
 (C1), Gabriel\_25 (C1), Gamgam\_24 (C1), Ghost\_24 (C1), GlutenPhree\_25 (C1),  
 Guwapp\_24 (C1), HyRo\_23 (C1), IkeLoa\_20 (C1), InigoMontoya\_25 (C1),  
 InterFolia\_31 (C1), Iota\_22 (C1), JPickles\_23 (C1), Janiyr\_24 (C1), Jaygup\_24 (C1),  
 Jedediah\_25 (C1), Jemmno\_24 (C1), Jessibeth14\_24 (C1), Jezreel\_23 (C1),  
 JustHall\_24 (C1), Kamryn\_24 (C1), Kboogie\_25 (C1), Khaleesi\_24 (C1), Koguma\_21  
 (C1), Latch\_24 (C1), Lee7\_27 (C1), LifeSavor\_25 (C1), LinStu\_25 (C1), Littleton\_24  
 (C1), Loanshark\_25 (C1), LordLeafolot\_31 (C1), Maby2021\_26 (C1), Mangeria\_28  
 (C1), Matsumoto\_23 (C1), McGee\_24 (C1), McWolfish\_24 (C1), Megamind\_25 (C1),  
 Melpomini\_24 (C1), MikeLiesIn\_25 (C1), Mikro\_22 (C1), MoMoMixon\_26 (C1),  
 Momo\_23 (C1), Morizzled23\_24 (C1), Naija\_24 (C1), Napoleon13\_24 (C1),  
 Nappy\_26 (C1), Naval22\_27 (C1), NedWong\_26 (C1), Ngannou\_23 (C1),  
 Nidhogg\_26 (C1), NoodleTree\_23 (C1), Norm\_25 (C1), NuevoMundo\_28 (C1),  
 OrediggerDelux\_27 (C1), ParkTD\_24 (C1), Patter\_24 (C1), Phlegm\_26 (C1),  
 Phusco\_24 (C1), Pier\_26 (C1), Pio\_28 (C1), Pivoine\_24 (C1), Pleione\_27 (C1),  
 QBert\_23 (C1), Quasimodo\_24 (C1), Rabinovish\_24 (C1), Rahel\_24 (C1), RoMag\_19  
 (C1), Roots515\_25 (C1), SVoro\_24 (C1), Salacia\_27 (C1), Sauce\_26 (C1),  
 ScottMcG\_25 (C1), Shelob\_27 (C1), ShiaLabeouf\_24 (C1), Shifa\_21 (C1),  
 Shnickers\_24 (C1), Shrimp\_25 (C1), SilverDipper\_25 (C1), SmallFry\_24 (C1),  
 Specks\_29 (C1), Spud\_27 (C1), SrishMeg2525\_24 (C1), StubbySaigey\_24 (C1),  
 Stubby\_23 (C1), Teardrop\_24 (C1), TinyTim\_25 (C1), Tortoise16\_23 (C1),  
 Trinitium\_24 (C1), Tyke\_26 (C1), ValleyTerrace\_24 (C1), Wally\_24 (C1), Willis\_25  
 (C1), Yassified\_22 (C1), YemiJoy2021\_26 (C1), YoungMoneyMata\_24 (C1),  
 Yucca\_25 (C1), Zalkecks\_27 (C1), ZygoTaiga\_25 (C1),

#### Start 2:

- Found in 181 of 181 ( 100.0% ) of genes in pham
- Manual Annotations of this start: 26 of 177
- Called 15.5% of time when present
- Phage (with cluster) where this start called: Ava3\_26 (C1), BackyardAgain\_22 (C1),  
 BananaFence\_26 (C1), Bigswole\_31 (C1), Bread\_26 (C1), Cleatunium\_21 (C1),  
 Dandelion\_28 (C1), DirtMonster\_23 (C1), Domi\_19 (C1), EasyJones\_24 (C1),  
 Ewok\_25 (C1), Flabslab\_26 (C1), Gizmo\_27 (C1), I3\_27 (C1), Issimir\_25 (C1),  
 Izajani\_26 (C1), JulietS\_20 (C1), Labradorite\_22 (C1), Lethe\_24 (C1), LolaVinca\_27  
 (C1), Phox\_24 (C1), Rizal\_23 (C1), Ronan\_20 (C1), Sebata\_25 (C1), Sprinklers\_25  
 (C1), StephanieG\_24 (C1), Turret\_23 (C1), Zeenon\_27 (C1),

#### Start 4:

- Found in 181 of 181 ( 100.0% ) of genes in pham
- No Manual Annotations of this start.
- Called 1.1% of time when present
- Phage (with cluster) where this start called: Puhon\_30 (C1), Rocha\_23 (C1),

#### Summary by clusters:

There is one cluster represented in this pham: C1

Info for manual annotations of cluster C1:

- Start number 1 was manually annotated 151 times for cluster C1.
- Start number 2 was manually annotated 26 times for cluster C1.

### **Gene Information:**

Gene: Ablatia\_23 Start: 6914, Stop: 7255, Start Num: 1

Candidate Starts for Ablatia\_23:

(Start: 1 @6914 has 151 MA's), (Start: 2 @6962 has 26 MA's), (3, 6974), (4, 6977),

Gene: Ading\_24 Start: 7174, Stop: 7515, Start Num: 1

Candidate Starts for Ading\_24:

(Start: 1 @7174 has 151 MA's), (Start: 2 @7222 has 26 MA's), (3, 7234), (4, 7237),

Gene: Adlitam\_24 Start: 7191, Stop: 7532, Start Num: 1

Candidate Starts for Adlitam\_24:

(Start: 1 @7191 has 151 MA's), (Start: 2 @7239 has 26 MA's), (3, 7251), (4, 7254),

Gene: Alice\_20 Start: 6789, Stop: 7151, Start Num: 1

Candidate Starts for Alice\_20:

(Start: 1 @6789 has 151 MA's), (Start: 2 @6837 has 26 MA's), (3, 6849), (4, 6852),

Gene: Amataga\_24 Start: 7195, Stop: 7536, Start Num: 1

Candidate Starts for Amataga\_24:

(Start: 1 @7195 has 151 MA's), (Start: 2 @7243 has 26 MA's), (3, 7255), (4, 7258),

Gene: ArcherS7\_23 Start: 7191, Stop: 7532, Start Num: 1

Candidate Starts for ArcherS7\_23:

(Start: 1 @7191 has 151 MA's), (Start: 2 @7239 has 26 MA's), (3, 7251), (4, 7254),

Gene: Asterius\_26 Start: 7995, Stop: 8342, Start Num: 1

Candidate Starts for Asterius\_26:

(Start: 1 @7995 has 151 MA's), (Start: 2 @8043 has 26 MA's), (3, 8055), (4, 8058),

Gene: Audrick\_26 Start: 7174, Stop: 7515, Start Num: 1

Candidate Starts for Audrick\_26:

(Start: 1 @7174 has 151 MA's), (Start: 2 @7222 has 26 MA's), (3, 7234), (4, 7237),

Gene: Ava3\_26 Start: 8317, Stop: 8616, Start Num: 2

Candidate Starts for Ava3\_26:

(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: Babyland\_24 Start: 7156, Stop: 7503, Start Num: 1

Candidate Starts for Babyland\_24:

(Start: 1 @7156 has 151 MA's), (Start: 2 @7204 has 26 MA's), (3, 7216), (4, 7219),

Gene: BackyardAgain\_22 Start: 7200, Stop: 7499, Start Num: 2

Candidate Starts for BackyardAgain\_22:

(Start: 1 @7152 has 151 MA's), (Start: 2 @7200 has 26 MA's), (3, 7212), (4, 7215),

Gene: BadAgartude\_26 Start: 8350, Stop: 8697, Start Num: 1  
Candidate Starts for BadAgartude\_26:  
(Start: 1 @8350 has 151 MA's), (Start: 2 @8398 has 26 MA's), (3, 8410), (4, 8413),

Gene: BananaFence\_26 Start: 8210, Stop: 8503, Start Num: 2  
Candidate Starts for BananaFence\_26:  
(Start: 1 @8162 has 151 MA's), (Start: 2 @8210 has 26 MA's), (3, 8222), (4, 8225),

Gene: Bangla1971\_23 Start: 7191, Stop: 7532, Start Num: 1  
Candidate Starts for Bangla1971\_23:  
(Start: 1 @7191 has 151 MA's), (Start: 2 @7239 has 26 MA's), (3, 7251), (4, 7254),

Gene: Basquiat\_24 Start: 7137, Stop: 7484, Start Num: 1  
Candidate Starts for Basquiat\_24:  
(Start: 1 @7137 has 151 MA's), (Start: 2 @7185 has 26 MA's), (3, 7197), (4, 7200),

Gene: BeanWater\_20 Start: 7305, Stop: 7646, Start Num: 1  
Candidate Starts for BeanWater\_20:  
(Start: 1 @7305 has 151 MA's), (Start: 2 @7353 has 26 MA's), (3, 7365), (4, 7368),

Gene: Bigswole\_31 Start: 9841, Stop: 10134, Start Num: 2  
Candidate Starts for Bigswole\_31:  
(Start: 1 @9793 has 151 MA's), (Start: 2 @9841 has 26 MA's), (3, 9853), (4, 9856),

Gene: Bipolarisk\_24 Start: 7995, Stop: 8336, Start Num: 1  
Candidate Starts for Bipolarisk\_24:  
(Start: 1 @7995 has 151 MA's), (Start: 2 @8043 has 26 MA's), (3, 8055), (4, 8058),

Gene: Blackbrain\_23 Start: 6953, Stop: 7300, Start Num: 1  
Candidate Starts for Blackbrain\_23:  
(Start: 1 @6953 has 151 MA's), (Start: 2 @7001 has 26 MA's), (3, 7013), (4, 7016),

Gene: Blubba\_19 Start: 6459, Stop: 6800, Start Num: 1  
Candidate Starts for Blubba\_19:  
(Start: 1 @6459 has 151 MA's), (Start: 2 @6507 has 26 MA's), (3, 6519), (4, 6522),

Gene: BobaPhatt\_25 Start: 7156, Stop: 7503, Start Num: 1  
Candidate Starts for BobaPhatt\_25:  
(Start: 1 @7156 has 151 MA's), (Start: 2 @7204 has 26 MA's), (3, 7216), (4, 7219),

Gene: Bonray\_25 Start: 8263, Stop: 8610, Start Num: 1  
Candidate Starts for Bonray\_25:  
(Start: 1 @8263 has 151 MA's), (Start: 2 @8311 has 26 MA's), (3, 8323), (4, 8326),

Gene: Bread\_26 Start: 8317, Stop: 8616, Start Num: 2  
Candidate Starts for Bread\_26:  
(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: Breeniome\_25 Start: 7152, Stop: 7493, Start Num: 1  
Candidate Starts for Breeniome\_25:  
(Start: 1 @7152 has 151 MA's), (Start: 2 @7200 has 26 MA's), (3, 7212), (4, 7215),

Gene: Burrough\_25 Start: 7995, Stop: 8336, Start Num: 1  
Candidate Starts for Burrough\_25:  
(Start: 1 @7995 has 151 MA's), (Start: 2 @8043 has 26 MA's), (3, 8055), (4, 8058),

Gene: Bxz1\_26 Start: 8738, Stop: 9079, Start Num: 1  
Candidate Starts for Bxz1\_26:  
(Start: 1 @8738 has 151 MA's), (Start: 2 @8786 has 26 MA's), (3, 8798), (4, 8801),

Gene: Cactojaque\_22 Start: 6842, Stop: 7189, Start Num: 1  
Candidate Starts for Cactojaque\_22:  
(Start: 1 @6842 has 151 MA's), (Start: 2 @6890 has 26 MA's), (3, 6902), (4, 6905),

Gene: Cali\_25 Start: 9299, Stop: 9640, Start Num: 1  
Candidate Starts for Cali\_25:  
(Start: 1 @9299 has 151 MA's), (Start: 2 @9347 has 26 MA's), (3, 9359), (4, 9362),

Gene: Cane17\_18 Start: 6331, Stop: 6672, Start Num: 1  
Candidate Starts for Cane17\_18:  
(Start: 1 @6331 has 151 MA's), (Start: 2 @6379 has 26 MA's), (3, 6391), (4, 6394),

Gene: Capablanca\_26 Start: 8320, Stop: 8661, Start Num: 1  
Candidate Starts for Capablanca\_26:  
(Start: 1 @8320 has 151 MA's), (Start: 2 @8368 has 26 MA's), (3, 8380), (4, 8383),

Gene: Caravan\_23 Start: 7269, Stop: 7610, Start Num: 1  
Candidate Starts for Caravan\_23:  
(Start: 1 @7269 has 151 MA's), (Start: 2 @7317 has 26 MA's), (3, 7329), (4, 7332),

Gene: Catera\_23 Start: 7156, Stop: 7497, Start Num: 1  
Candidate Starts for Catera\_23:  
(Start: 1 @7156 has 151 MA's), (Start: 2 @7204 has 26 MA's), (3, 7216), (4, 7219),

Gene: Chargie21\_24 Start: 7137, Stop: 7484, Start Num: 1  
Candidate Starts for Chargie21\_24:  
(Start: 1 @7137 has 151 MA's), (Start: 2 @7185 has 26 MA's), (3, 7197), (4, 7200),

Gene: CharlieB\_25 Start: 7291, Stop: 7638, Start Num: 1  
Candidate Starts for CharlieB\_25:  
(Start: 1 @7291 has 151 MA's), (Start: 2 @7339 has 26 MA's), (3, 7351), (4, 7354),

Gene: ChaylaJr\_24 Start: 7224, Stop: 7571, Start Num: 1  
Candidate Starts for ChaylaJr\_24:  
(Start: 1 @7224 has 151 MA's), (Start: 2 @7272 has 26 MA's), (3, 7284), (4, 7287),

Gene: ChickenPhender\_24 Start: 7182, Stop: 7529, Start Num: 1  
Candidate Starts for ChickenPhender\_24:  
(Start: 1 @7182 has 151 MA's), (Start: 2 @7230 has 26 MA's), (3, 7242), (4, 7245),

Gene: Chomp\_24 Start: 7195, Stop: 7536, Start Num: 1  
Candidate Starts for Chomp\_24:  
(Start: 1 @7195 has 151 MA's), (Start: 2 @7243 has 26 MA's), (3, 7255), (4, 7258),

Gene: CindyLou\_24 Start: 7195, Stop: 7536, Start Num: 1

Candidate Starts for CindyLou\_24:

(Start: 1 @7195 has 151 MA's), (Start: 2 @7243 has 26 MA's), (3, 7255), (4, 7258),

Gene: Cleatunium\_21 Start: 7479, Stop: 7772, Start Num: 2

Candidate Starts for Cleatunium\_21:

(Start: 1 @7431 has 151 MA's), (Start: 2 @7479 has 26 MA's), (3, 7491), (4, 7494),

Gene: Colt\_18 Start: 6337, Stop: 6678, Start Num: 1

Candidate Starts for Colt\_18:

(Start: 1 @6337 has 151 MA's), (Start: 2 @6385 has 26 MA's), (3, 6397), (4, 6400),

Gene: DTDevon\_25 Start: 8359, Stop: 8700, Start Num: 1

Candidate Starts for DTDevon\_25:

(Start: 1 @8359 has 151 MA's), (Start: 2 @8407 has 26 MA's), (3, 8419), (4, 8422),

Gene: Daffodil\_27 Start: 8269, Stop: 8616, Start Num: 1

Candidate Starts for Daffodil\_27:

(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: Dandelion\_28 Start: 9102, Stop: 9395, Start Num: 2

Candidate Starts for Dandelion\_28:

(Start: 2 @9102 has 26 MA's), (3, 9114), (4, 9117),

Gene: Darko\_24 Start: 8131, Stop: 8472, Start Num: 1

Candidate Starts for Darko\_24:

(Start: 1 @8131 has 151 MA's), (Start: 2 @8179 has 26 MA's), (3, 8191), (4, 8194),

Gene: Delilah\_25 Start: 8269, Stop: 8616, Start Num: 1

Candidate Starts for Delilah\_25:

(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: Delylah\_26 Start: 8055, Stop: 8402, Start Num: 1

Candidate Starts for Delylah\_26:

(Start: 1 @8055 has 151 MA's), (Start: 2 @8103 has 26 MA's), (3, 8115), (4, 8118),

Gene: Derek\_25 Start: 7152, Stop: 7493, Start Num: 1

Candidate Starts for Derek\_25:

(Start: 1 @7152 has 151 MA's), (Start: 2 @7200 has 26 MA's), (3, 7212), (4, 7215),

Gene: Dessert\_25 Start: 7195, Stop: 7536, Start Num: 1

Candidate Starts for Dessert\_25:

(Start: 1 @7195 has 151 MA's), (Start: 2 @7243 has 26 MA's), (3, 7255), (4, 7258),

Gene: Dietrick\_20 Start: 6910, Stop: 7257, Start Num: 1

Candidate Starts for Dietrick\_20:

(Start: 1 @6910 has 151 MA's), (Start: 2 @6958 has 26 MA's), (3, 6970), (4, 6973),

Gene: DirtMonster\_23 Start: 8332, Stop: 8625, Start Num: 2

Candidate Starts for DirtMonster\_23:

(Start: 1 @8284 has 151 MA's), (Start: 2 @8332 has 26 MA's), (3, 8344), (4, 8347),

Gene: Domi\_19 Start: 7048, Stop: 7356, Start Num: 2

Candidate Starts for Domi\_19:

(Start: 1 @7000 has 151 MA's), (Start: 2 @7048 has 26 MA's), (3, 7060), (4, 7063),

Gene: DrPhinkDaddy\_25 Start: 8269, Stop: 8616, Start Num: 1

Candidate Starts for DrPhinkDaddy\_25:

(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: Drazdys\_25 Start: 8060, Stop: 8401, Start Num: 1

Candidate Starts for Drazdys\_25:

(Start: 1 @8060 has 151 MA's), (Start: 2 @8108 has 26 MA's), (3, 8120), (4, 8123),

Gene: ET08\_20 Start: 7719, Stop: 8066, Start Num: 1

Candidate Starts for ET08\_20:

(Start: 1 @7719 has 151 MA's), (Start: 2 @7767 has 26 MA's), (3, 7779), (4, 7782),

Gene: EasyJones\_24 Start: 6941, Stop: 7240, Start Num: 2

Candidate Starts for EasyJones\_24:

(Start: 1 @6893 has 151 MA's), (Start: 2 @6941 has 26 MA's), (3, 6953), (4, 6956),

Gene: EmToTheThree\_28 Start: 9683, Stop: 10030, Start Num: 1

Candidate Starts for EmToTheThree\_28:

(Start: 1 @9683 has 151 MA's), (Start: 2 @9731 has 26 MA's), (3, 9743), (4, 9746),

Gene: EmmaElysia\_23 Start: 6908, Stop: 7249, Start Num: 1

Candidate Starts for EmmaElysia\_23:

(Start: 1 @6908 has 151 MA's), (Start: 2 @6956 has 26 MA's), (3, 6968), (4, 6971),

Gene: Erdmann\_26 Start: 8269, Stop: 8616, Start Num: 1

Candidate Starts for Erdmann\_26:

(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: ErnieJ\_26 Start: 8083, Stop: 8430, Start Num: 1

Candidate Starts for ErnieJ\_26:

(Start: 1 @8083 has 151 MA's), (Start: 2 @8131 has 26 MA's), (3, 8143), (4, 8146),

Gene: Essence\_23 Start: 6917, Stop: 7258, Start Num: 1

Candidate Starts for Essence\_23:

(Start: 1 @6917 has 151 MA's), (Start: 2 @6965 has 26 MA's), (3, 6977), (4, 6980),

Gene: Ewok\_25 Start: 8319, Stop: 8618, Start Num: 2

Candidate Starts for Ewok\_25:

(Start: 2 @8319 has 26 MA's), (3, 8331), (4, 8334),

Gene: Fixie\_21 Start: 6893, Stop: 7240, Start Num: 1

Candidate Starts for Fixie\_21:

(Start: 1 @6893 has 151 MA's), (Start: 2 @6941 has 26 MA's), (3, 6953), (4, 6956),

Gene: Flabslab\_26 Start: 8238, Stop: 8552, Start Num: 2

Candidate Starts for Flabslab\_26:

(Start: 2 @8238 has 26 MA's), (3, 8250), (4, 8253),

Gene: Fludd\_24 Start: 7138, Stop: 7485, Start Num: 1

Candidate Starts for Fludd\_24:

(Start: 1 @7138 has 151 MA's), (Start: 2 @7186 has 26 MA's), (3, 7198), (4, 7201),

Gene: FoxtrotP1\_25 Start: 8581, Stop: 8943, Start Num: 1

Candidate Starts for FoxtrotP1\_25:

(Start: 1 @8581 has 151 MA's), (Start: 2 @8629 has 26 MA's), (3, 8641), (4, 8644),

Gene: FrayBell\_31 Start: 9849, Stop: 10190, Start Num: 1

Candidate Starts for FrayBell\_31:

(Start: 1 @9849 has 151 MA's), (Start: 2 @9897 has 26 MA's), (3, 9909), (4, 9912),

Gene: FudgeTart\_26 Start: 8269, Stop: 8616, Start Num: 1

Candidate Starts for FudgeTart\_26:

(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: Gabriel\_25 Start: 7152, Stop: 7493, Start Num: 1

Candidate Starts for Gabriel\_25:

(Start: 1 @7152 has 151 MA's), (Start: 2 @7200 has 26 MA's), (3, 7212), (4, 7215),

Gene: Gamgam\_24 Start: 7195, Stop: 7536, Start Num: 1

Candidate Starts for Gamgam\_24:

(Start: 1 @7195 has 151 MA's), (Start: 2 @7243 has 26 MA's), (3, 7255), (4, 7258),

Gene: Ghost\_24 Start: 7195, Stop: 7536, Start Num: 1

Candidate Starts for Ghost\_24:

(Start: 1 @7195 has 151 MA's), (Start: 2 @7243 has 26 MA's), (3, 7255), (4, 7258),

Gene: Gizmo\_27 Start: 8319, Stop: 8618, Start Num: 2

Candidate Starts for Gizmo\_27:

(Start: 2 @8319 has 26 MA's), (3, 8331), (4, 8334),

Gene: GlutenPhree\_25 Start: 7195, Stop: 7536, Start Num: 1

Candidate Starts for GlutenPhree\_25:

(Start: 1 @7195 has 151 MA's), (Start: 2 @7243 has 26 MA's), (3, 7255), (4, 7258),

Gene: Guwapp\_24 Start: 7152, Stop: 7493, Start Num: 1

Candidate Starts for Guwapp\_24:

(Start: 1 @7152 has 151 MA's), (Start: 2 @7200 has 26 MA's), (3, 7212), (4, 7215),

Gene: HyRo\_23 Start: 7924, Stop: 8271, Start Num: 1

Candidate Starts for HyRo\_23:

(Start: 1 @7924 has 151 MA's), (Start: 2 @7972 has 26 MA's), (3, 7984), (4, 7987),

Gene: I3\_27 Start: 8893, Stop: 9186, Start Num: 2

Candidate Starts for I3\_27:

(Start: 1 @8845 has 151 MA's), (Start: 2 @8893 has 26 MA's), (3, 8905), (4, 8908),

Gene: IkeLoa\_20 Start: 7011, Stop: 7382, Start Num: 1

Candidate Starts for IkeLoa\_20:

(Start: 1 @7011 has 151 MA's), (Start: 2 @7059 has 26 MA's), (3, 7071), (4, 7074),

Gene: InigoMontoya\_25 Start: 7156, Stop: 7497, Start Num: 1

Candidate Starts for InigoMontoya\_25:

(Start: 1 @7156 has 151 MA's), (Start: 2 @7204 has 26 MA's), (3, 7216), (4, 7219),

Gene: InterFolia\_31 Start: 9846, Stop: 10187, Start Num: 1  
Candidate Starts for InterFolia\_31:  
(Start: 1 @9846 has 151 MA's), (Start: 2 @9894 has 26 MA's), (3, 9906), (4, 9909),

Gene: Iota\_22 Start: 7810, Stop: 8151, Start Num: 1  
Candidate Starts for Iota\_22:  
(Start: 1 @7810 has 151 MA's), (Start: 2 @7858 has 26 MA's), (3, 7870), (4, 7873),

Gene: Issimir\_25 Start: 8311, Stop: 8610, Start Num: 2  
Candidate Starts for Issimir\_25:  
(Start: 1 @8263 has 151 MA's), (Start: 2 @8311 has 26 MA's), (3, 8323), (4, 8326),

Gene: Izajani\_26 Start: 8317, Stop: 8616, Start Num: 2  
Candidate Starts for Izajani\_26:  
(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: JPickles\_23 Start: 6912, Stop: 7259, Start Num: 1  
Candidate Starts for JPickles\_23:  
(Start: 1 @6912 has 151 MA's), (Start: 2 @6960 has 26 MA's), (3, 6972), (4, 6975),

Gene: Janiyra\_24 Start: 7174, Stop: 7515, Start Num: 1  
Candidate Starts for Janiyra\_24:  
(Start: 1 @7174 has 151 MA's), (Start: 2 @7222 has 26 MA's), (3, 7234), (4, 7237),

Gene: Jaygup\_24 Start: 7191, Stop: 7532, Start Num: 1  
Candidate Starts for Jaygup\_24:  
(Start: 1 @7191 has 151 MA's), (Start: 2 @7239 has 26 MA's), (3, 7251), (4, 7254),

Gene: Jedediah\_25 Start: 7195, Stop: 7536, Start Num: 1  
Candidate Starts for Jedediah\_25:  
(Start: 1 @7195 has 151 MA's), (Start: 2 @7243 has 26 MA's), (3, 7255), (4, 7258),

Gene: Jemmno\_24 Start: 7195, Stop: 7536, Start Num: 1  
Candidate Starts for Jemmno\_24:  
(Start: 1 @7195 has 151 MA's), (Start: 2 @7243 has 26 MA's), (3, 7255), (4, 7258),

Gene: Jessibeth14\_24 Start: 7995, Stop: 8342, Start Num: 1  
Candidate Starts for Jessibeth14\_24:  
(Start: 1 @7995 has 151 MA's), (Start: 2 @8043 has 26 MA's), (3, 8055), (4, 8058),

Gene: Jezreel\_23 Start: 7212, Stop: 7553, Start Num: 1  
Candidate Starts for Jezreel\_23:  
(Start: 1 @7212 has 151 MA's), (Start: 2 @7260 has 26 MA's), (3, 7272), (4, 7275),

Gene: JulietS\_20 Start: 6185, Stop: 6484, Start Num: 2  
Candidate Starts for JulietS\_20:  
(Start: 1 @6137 has 151 MA's), (Start: 2 @6185 has 26 MA's), (3, 6197), (4, 6200),

Gene: JustHall\_24 Start: 8157, Stop: 8519, Start Num: 1  
Candidate Starts for JustHall\_24:  
(Start: 1 @8157 has 151 MA's), (Start: 2 @8205 has 26 MA's), (3, 8217), (4, 8220),

Gene: Kamryn\_24 Start: 7519, Stop: 7860, Start Num: 1

Candidate Starts for Kamryn\_24:

(Start: 1 @7519 has 151 MA's), (Start: 2 @7567 has 26 MA's), (3, 7579), (4, 7582),

Gene: Kboogie\_25 Start: 7193, Stop: 7540, Start Num: 1

Candidate Starts for Kboogie\_25:

(Start: 1 @7193 has 151 MA's), (Start: 2 @7241 has 26 MA's), (3, 7253), (4, 7256),

Gene: Khaleesi\_24 Start: 8022, Stop: 8369, Start Num: 1

Candidate Starts for Khaleesi\_24:

(Start: 1 @8022 has 151 MA's), (Start: 2 @8070 has 26 MA's), (3, 8082), (4, 8085),

Gene: Koguma\_21 Start: 6480, Stop: 6827, Start Num: 1

Candidate Starts for Koguma\_21:

(Start: 1 @6480 has 151 MA's), (Start: 2 @6528 has 26 MA's), (3, 6540), (4, 6543),

Gene: Labradorite\_22 Start: 7239, Stop: 7532, Start Num: 2

Candidate Starts for Labradorite\_22:

(Start: 1 @7191 has 151 MA's), (Start: 2 @7239 has 26 MA's), (3, 7251), (4, 7254),

Gene: Latch\_24 Start: 7195, Stop: 7536, Start Num: 1

Candidate Starts for Latch\_24:

(Start: 1 @7195 has 151 MA's), (Start: 2 @7243 has 26 MA's), (3, 7255), (4, 7258),

Gene: Lee7\_27 Start: 8269, Stop: 8616, Start Num: 1

Candidate Starts for Lee7\_27:

(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: Lethe\_24 Start: 8010, Stop: 8309, Start Num: 2

Candidate Starts for Lethe\_24:

(Start: 1 @7962 has 151 MA's), (Start: 2 @8010 has 26 MA's), (3, 8022), (4, 8025),

Gene: LifeSavor\_25 Start: 7191, Stop: 7532, Start Num: 1

Candidate Starts for LifeSavor\_25:

(Start: 1 @7191 has 151 MA's), (Start: 2 @7239 has 26 MA's), (3, 7251), (4, 7254),

Gene: LinStu\_25 Start: 8613, Stop: 8960, Start Num: 1

Candidate Starts for LinStu\_25:

(Start: 1 @8613 has 151 MA's), (Start: 2 @8661 has 26 MA's), (3, 8673), (4, 8676),

Gene: Littleton\_24 Start: 7195, Stop: 7536, Start Num: 1

Candidate Starts for Littleton\_24:

(Start: 1 @7195 has 151 MA's), (Start: 2 @7243 has 26 MA's), (3, 7255), (4, 7258),

Gene: Loanshark\_25 Start: 8269, Stop: 8616, Start Num: 1

Candidate Starts for Loanshark\_25:

(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: LolaVince\_27 Start: 9000, Stop: 9293, Start Num: 2

Candidate Starts for LolaVince\_27:

(Start: 1 @8952 has 151 MA's), (Start: 2 @9000 has 26 MA's), (3, 9012), (4, 9015),

Gene: LordLeafolot\_31 Start: 9848, Stop: 10189, Start Num: 1

Candidate Starts for LordLeafolot\_31:

(Start: 1 @9848 has 151 MA's), (Start: 2 @9896 has 26 MA's), (3, 9908), (4, 9911),

Gene: Maby2021\_26 Start: 8269, Stop: 8616, Start Num: 1

Candidate Starts for Maby2021\_26:

(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: Mangeria\_28 Start: 8804, Stop: 9145, Start Num: 1

Candidate Starts for Mangeria\_28:

(Start: 1 @8804 has 151 MA's), (Start: 2 @8852 has 26 MA's), (3, 8864), (4, 8867),

Gene: Matsumoto\_23 Start: 7156, Stop: 7497, Start Num: 1

Candidate Starts for Matsumoto\_23:

(Start: 1 @7156 has 151 MA's), (Start: 2 @7204 has 26 MA's), (3, 7216), (4, 7219),

Gene: McGee\_24 Start: 6910, Stop: 7257, Start Num: 1

Candidate Starts for McGee\_24:

(Start: 1 @6910 has 151 MA's), (Start: 2 @6958 has 26 MA's), (3, 6970), (4, 6973),

Gene: McWolfish\_24 Start: 8022, Stop: 8369, Start Num: 1

Candidate Starts for McWolfish\_24:

(Start: 1 @8022 has 151 MA's), (Start: 2 @8070 has 26 MA's), (3, 8082), (4, 8085),

Gene: Megamind\_25 Start: 8269, Stop: 8610, Start Num: 1

Candidate Starts for Megamind\_25:

(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: Melpomini\_24 Start: 7135, Stop: 7476, Start Num: 1

Candidate Starts for Melpomini\_24:

(Start: 1 @7135 has 151 MA's), (Start: 2 @7183 has 26 MA's), (3, 7195), (4, 7198),

Gene: MikeLiesIn\_25 Start: 8269, Stop: 8616, Start Num: 1

Candidate Starts for MikeLiesIn\_25:

(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: Mikro\_22 Start: 8211, Stop: 8567, Start Num: 1

Candidate Starts for Mikro\_22:

(Start: 1 @8211 has 151 MA's), (Start: 2 @8259 has 26 MA's), (3, 8271), (4, 8274),

Gene: MoMoMixon\_26 Start: 8592, Stop: 8933, Start Num: 1

Candidate Starts for MoMoMixon\_26:

(Start: 1 @8592 has 151 MA's), (Start: 2 @8640 has 26 MA's), (3, 8652), (4, 8655),

Gene: Momo\_23 Start: 7195, Stop: 7536, Start Num: 1

Candidate Starts for Momo\_23:

(Start: 1 @7195 has 151 MA's), (Start: 2 @7243 has 26 MA's), (3, 7255), (4, 7258),

Gene: Morizzled23\_24 Start: 7135, Stop: 7476, Start Num: 1

Candidate Starts for Morizzled23\_24:

(Start: 1 @7135 has 151 MA's), (Start: 2 @7183 has 26 MA's), (3, 7195), (4, 7198),

Gene: Naija\_24 Start: 7195, Stop: 7536, Start Num: 1

Candidate Starts for Naija\_24:

(Start: 1 @7195 has 151 MA's), (Start: 2 @7243 has 26 MA's), (3, 7255), (4, 7258),

Gene: Napoleon13\_24 Start: 7154, Stop: 7495, Start Num: 1  
Candidate Starts for Napoleon13\_24:  
(Start: 1 @7154 has 151 MA's), (Start: 2 @7202 has 26 MA's), (3, 7214), (4, 7217),

Gene: Nappy\_26 Start: 8442, Stop: 8783, Start Num: 1  
Candidate Starts for Nappy\_26:  
(Start: 1 @8442 has 151 MA's), (Start: 2 @8490 has 26 MA's), (3, 8502), (4, 8505),

Gene: Naval22\_27 Start: 8318, Stop: 8659, Start Num: 1  
Candidate Starts for Naval22\_27:  
(Start: 1 @8318 has 151 MA's), (Start: 2 @8366 has 26 MA's), (3, 8378), (4, 8381),

Gene: NedWong\_26 Start: 8269, Stop: 8616, Start Num: 1  
Candidate Starts for NedWong\_26:  
(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: Ngannou\_23 Start: 6891, Stop: 7238, Start Num: 1  
Candidate Starts for Ngannou\_23:  
(Start: 1 @6891 has 151 MA's), (Start: 2 @6939 has 26 MA's), (3, 6951), (4, 6954),

Gene: Nidhogg\_26 Start: 8345, Stop: 8686, Start Num: 1  
Candidate Starts for Nidhogg\_26:  
(Start: 1 @8345 has 151 MA's), (Start: 2 @8393 has 26 MA's), (3, 8405), (4, 8408),

Gene: NoodleTree\_23 Start: 7212, Stop: 7568, Start Num: 1  
Candidate Starts for NoodleTree\_23:  
(Start: 1 @7212 has 151 MA's), (Start: 2 @7260 has 26 MA's), (3, 7272), (4, 7275),

Gene: Norm\_25 Start: 8269, Stop: 8616, Start Num: 1  
Candidate Starts for Norm\_25:  
(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: NuevoMundo\_28 Start: 9320, Stop: 9676, Start Num: 1  
Candidate Starts for NuevoMundo\_28:  
(Start: 1 @9320 has 151 MA's), (Start: 2 @9368 has 26 MA's), (3, 9380), (4, 9383),

Gene: OrediggerDelux\_27 Start: 8269, Stop: 8616, Start Num: 1  
Candidate Starts for OrediggerDelux\_27:  
(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: ParkTD\_24 Start: 8269, Stop: 8616, Start Num: 1  
Candidate Starts for ParkTD\_24:  
(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: Patter\_24 Start: 7212, Stop: 7553, Start Num: 1  
Candidate Starts for Patter\_24:  
(Start: 1 @7212 has 151 MA's), (Start: 2 @7260 has 26 MA's), (3, 7272), (4, 7275),

Gene: Phlegm\_26 Start: 7195, Stop: 7536, Start Num: 1  
Candidate Starts for Phlegm\_26:  
(Start: 1 @7195 has 151 MA's), (Start: 2 @7243 has 26 MA's), (3, 7255), (4, 7258),

Gene: Phox\_24 Start: 8475, Stop: 8774, Start Num: 2  
Candidate Starts for Phox\_24:  
(Start: 1 @8427 has 151 MA's), (Start: 2 @8475 has 26 MA's), (3, 8487), (4, 8490),

Gene: Phusco\_24 Start: 7191, Stop: 7532, Start Num: 1  
Candidate Starts for Phusco\_24:  
(Start: 1 @7191 has 151 MA's), (Start: 2 @7239 has 26 MA's), (3, 7251), (4, 7254),

Gene: Pier\_26 Start: 7883, Stop: 8239, Start Num: 1  
Candidate Starts for Pier\_26:  
(Start: 1 @7883 has 151 MA's), (Start: 2 @7931 has 26 MA's), (3, 7943), (4, 7946),

Gene: Pio\_28 Start: 9127, Stop: 9468, Start Num: 1  
Candidate Starts for Pio\_28:  
(Start: 1 @9127 has 151 MA's), (Start: 2 @9175 has 26 MA's), (3, 9187), (4, 9190),

Gene: Pivoine\_24 Start: 7195, Stop: 7536, Start Num: 1  
Candidate Starts for Pivoine\_24:  
(Start: 1 @7195 has 151 MA's), (Start: 2 @7243 has 26 MA's), (3, 7255), (4, 7258),

Gene: Pleione\_27 Start: 8269, Stop: 8616, Start Num: 1  
Candidate Starts for Pleione\_27:  
(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: Puhon\_30 Start: 9911, Stop: 10204, Start Num: 4  
Candidate Starts for Puhon\_30:  
(Start: 1 @9848 has 151 MA's), (Start: 2 @9896 has 26 MA's), (3, 9908), (4, 9911),

Gene: QBert\_23 Start: 8427, Stop: 8774, Start Num: 1  
Candidate Starts for QBert\_23:  
(Start: 1 @8427 has 151 MA's), (Start: 2 @8475 has 26 MA's), (3, 8487), (4, 8490),

Gene: Quasimodo\_24 Start: 8155, Stop: 8496, Start Num: 1  
Candidate Starts for Quasimodo\_24:  
(Start: 1 @8155 has 151 MA's), (Start: 2 @8203 has 26 MA's), (3, 8215), (4, 8218),

Gene: Rabinovish\_24 Start: 8715, Stop: 9062, Start Num: 1  
Candidate Starts for Rabinovish\_24:  
(Start: 1 @8715 has 151 MA's), (Start: 2 @8763 has 26 MA's), (3, 8775), (4, 8778),

Gene: Rahel\_24 Start: 7191, Stop: 7532, Start Num: 1  
Candidate Starts for Rahel\_24:  
(Start: 1 @7191 has 151 MA's), (Start: 2 @7239 has 26 MA's), (3, 7251), (4, 7254),

Gene: Rizal\_23 Start: 7240, Stop: 7533, Start Num: 2  
Candidate Starts for Rizal\_23:  
(Start: 2 @7240 has 26 MA's), (3, 7252), (4, 7255),

Gene: RoMag\_19 Start: 6962, Stop: 7333, Start Num: 1  
Candidate Starts for RoMag\_19:  
(Start: 1 @6962 has 151 MA's), (Start: 2 @7010 has 26 MA's), (3, 7022), (4, 7025),

Gene: Rocha\_23 Start: 7274, Stop: 7567, Start Num: 4

Candidate Starts for Rocha\_23:

(Start: 1 @7211 has 151 MA's), (Start: 2 @7259 has 26 MA's), (3, 7271), (4, 7274),

Gene: Ronan\_20 Start: 5886, Stop: 6179, Start Num: 2

Candidate Starts for Ronan\_20:

(Start: 1 @5838 has 151 MA's), (Start: 2 @5886 has 26 MA's), (3, 5898), (4, 5901),

Gene: Roots515\_25 Start: 8268, Stop: 8615, Start Num: 1

Candidate Starts for Roots515\_25:

(Start: 1 @8268 has 151 MA's), (Start: 2 @8316 has 26 MA's), (3, 8328), (4, 8331),

Gene: SVoro\_24 Start: 8263, Stop: 8610, Start Num: 1

Candidate Starts for SVoro\_24:

(Start: 1 @8263 has 151 MA's), (Start: 2 @8311 has 26 MA's), (3, 8323), (4, 8326),

Gene: Salacia\_27 Start: 8269, Stop: 8616, Start Num: 1

Candidate Starts for Salacia\_27:

(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: Sauce\_26 Start: 8390, Stop: 8737, Start Num: 1

Candidate Starts for Sauce\_26:

(Start: 1 @8390 has 151 MA's), (Start: 2 @8438 has 26 MA's), (3, 8450), (4, 8453),

Gene: ScottMcG\_25 Start: 8578, Stop: 8925, Start Num: 1

Candidate Starts for ScottMcG\_25:

(Start: 1 @8578 has 151 MA's), (Start: 2 @8626 has 26 MA's), (3, 8638), (4, 8641),

Gene: Sebata\_25 Start: 8661, Stop: 8960, Start Num: 2

Candidate Starts for Sebata\_25:

(Start: 1 @8613 has 151 MA's), (Start: 2 @8661 has 26 MA's), (3, 8673), (4, 8676),

Gene: Shelob\_27 Start: 9157, Stop: 9504, Start Num: 1

Candidate Starts for Shelob\_27:

(Start: 1 @9157 has 151 MA's), (Start: 2 @9205 has 26 MA's), (3, 9217), (4, 9220),

Gene: ShiaLabeouf\_24 Start: 7191, Stop: 7532, Start Num: 1

Candidate Starts for ShiaLabeouf\_24:

(Start: 1 @7191 has 151 MA's), (Start: 2 @7239 has 26 MA's), (3, 7251), (4, 7254),

Gene: Shifa\_21 Start: 7355, Stop: 7717, Start Num: 1

Candidate Starts for Shifa\_21:

(Start: 1 @7355 has 151 MA's), (Start: 2 @7403 has 26 MA's), (3, 7415), (4, 7418),

Gene: Shnickers\_24 Start: 7191, Stop: 7532, Start Num: 1

Candidate Starts for Shnickers\_24:

(Start: 1 @7191 has 151 MA's), (Start: 2 @7239 has 26 MA's), (3, 7251), (4, 7254),

Gene: Shrimp\_25 Start: 8273, Stop: 8620, Start Num: 1

Candidate Starts for Shrimp\_25:

(Start: 1 @8273 has 151 MA's), (Start: 2 @8321 has 26 MA's), (3, 8333), (4, 8336),

Gene: SilverDipper\_25 Start: 7195, Stop: 7536, Start Num: 1

Candidate Starts for SilverDipper\_25:

(Start: 1 @7195 has 151 MA's), (Start: 2 @7243 has 26 MA's), (3, 7255), (4, 7258),

Gene: SmallFry\_24 Start: 7191, Stop: 7532, Start Num: 1

Candidate Starts for SmallFry\_24:

(Start: 1 @7191 has 151 MA's), (Start: 2 @7239 has 26 MA's), (3, 7251), (4, 7254),

Gene: Specks\_29 Start: 9029, Stop: 9370, Start Num: 1

Candidate Starts for Specks\_29:

(Start: 1 @9029 has 151 MA's), (Start: 2 @9077 has 26 MA's), (3, 9089), (4, 9092),

Gene: Sprinklers\_25 Start: 7800, Stop: 8099, Start Num: 2

Candidate Starts for Sprinklers\_25:

(Start: 1 @7752 has 151 MA's), (Start: 2 @7800 has 26 MA's), (3, 7812), (4, 7815),

Gene: Spud\_27 Start: 9127, Stop: 9468, Start Num: 1

Candidate Starts for Spud\_27:

(Start: 1 @9127 has 151 MA's), (Start: 2 @9175 has 26 MA's), (3, 9187), (4, 9190),

Gene: SrishMeg2525\_24 Start: 7995, Stop: 8336, Start Num: 1

Candidate Starts for SrishMeg2525\_24:

(Start: 1 @7995 has 151 MA's), (Start: 2 @8043 has 26 MA's), (3, 8055), (4, 8058),

Gene: StephanieG\_24 Start: 7956, Stop: 8264, Start Num: 2

Candidate Starts for StephanieG\_24:

(Start: 1 @7908 has 151 MA's), (Start: 2 @7956 has 26 MA's), (3, 7968), (4, 7971),

Gene: Stubby\_23 Start: 7535, Stop: 7882, Start Num: 1

Candidate Starts for Stubby\_23:

(Start: 1 @7535 has 151 MA's), (Start: 2 @7583 has 26 MA's), (3, 7595), (4, 7598),

Gene: StubbySaigey\_24 Start: 6912, Stop: 7259, Start Num: 1

Candidate Starts for StubbySaigey\_24:

(Start: 1 @6912 has 151 MA's), (Start: 2 @6960 has 26 MA's), (3, 6972), (4, 6975),

Gene: Teardrop\_24 Start: 7191, Stop: 7532, Start Num: 1

Candidate Starts for Teardrop\_24:

(Start: 1 @7191 has 151 MA's), (Start: 2 @7239 has 26 MA's), (3, 7251), (4, 7254),

Gene: TinyTim\_25 Start: 8269, Stop: 8616, Start Num: 1

Candidate Starts for TinyTim\_25:

(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: Tortoise16\_23 Start: 7191, Stop: 7532, Start Num: 1

Candidate Starts for Tortoise16\_23:

(Start: 1 @7191 has 151 MA's), (Start: 2 @7239 has 26 MA's), (3, 7251), (4, 7254),

Gene: Trinitium\_24 Start: 7152, Stop: 7499, Start Num: 1

Candidate Starts for Trinitium\_24:

(Start: 1 @7152 has 151 MA's), (Start: 2 @7200 has 26 MA's), (3, 7212), (4, 7215),

Gene: Turret\_23 Start: 6939, Stop: 7238, Start Num: 2

Candidate Starts for Turret\_23:

(Start: 1 @6891 has 151 MA's), (Start: 2 @6939 has 26 MA's), (3, 6951), (4, 6954),

Gene: Tyke\_26 Start: 8603, Stop: 8944, Start Num: 1

Candidate Starts for Tyke\_26:

(Start: 1 @8603 has 151 MA's), (Start: 2 @8651 has 26 MA's), (3, 8663), (4, 8666),

Gene: ValleyTerrace\_24 Start: 7195, Stop: 7536, Start Num: 1

Candidate Starts for ValleyTerrace\_24:

(Start: 1 @7195 has 151 MA's), (Start: 2 @7243 has 26 MA's), (3, 7255), (4, 7258),

Gene: Wally\_24 Start: 7156, Stop: 7497, Start Num: 1

Candidate Starts for Wally\_24:

(Start: 1 @7156 has 151 MA's), (Start: 2 @7204 has 26 MA's), (3, 7216), (4, 7219),

Gene: Willis\_25 Start: 8164, Stop: 8511, Start Num: 1

Candidate Starts for Willis\_25:

(Start: 1 @8164 has 151 MA's), (Start: 2 @8212 has 26 MA's), (3, 8224), (4, 8227),

Gene: Yassified\_22 Start: 6915, Stop: 7262, Start Num: 1

Candidate Starts for Yassified\_22:

(Start: 1 @6915 has 151 MA's), (Start: 2 @6963 has 26 MA's), (3, 6975), (4, 6978),

Gene: YemiJoy2021\_26 Start: 8269, Stop: 8616, Start Num: 1

Candidate Starts for YemiJoy2021\_26:

(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: YoungMoneyMata\_24 Start: 6925, Stop: 7287, Start Num: 1

Candidate Starts for YoungMoneyMata\_24:

(Start: 1 @6925 has 151 MA's), (Start: 2 @6973 has 26 MA's), (3, 6985), (4, 6988),

Gene: Yucca\_25 Start: 8191, Stop: 8538, Start Num: 1

Candidate Starts for Yucca\_25:

(Start: 1 @8191 has 151 MA's), (Start: 2 @8239 has 26 MA's), (3, 8251), (4, 8254),

Gene: Zalkecks\_27 Start: 8269, Stop: 8616, Start Num: 1

Candidate Starts for Zalkecks\_27:

(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),

Gene: Zeenon\_27 Start: 8318, Stop: 8611, Start Num: 2

Candidate Starts for Zeenon\_27:

(Start: 1 @8270 has 151 MA's), (Start: 2 @8318 has 26 MA's), (3, 8330), (4, 8333),

Gene: ZygoTaiga\_25 Start: 8269, Stop: 8616, Start Num: 1

Candidate Starts for ZygoTaiga\_25:

(Start: 1 @8269 has 151 MA's), (Start: 2 @8317 has 26 MA's), (3, 8329), (4, 8332),