

# Assignment 2

## EXERCICE 1

a) Let's formulate the revenue maximization problem :

If we consider  $x_i$  as the price of the bucket number  $i$  we can write the maximization problem as follow :

$$\max J(x_1, x_2, x_3) = \sum_{n=1}^3 x_i * D_i(x_i)$$

under the equality constraints of the total number of seats equal to 150 :

$$g(x_1, x_2, x_3) = \sum_{n=1}^3 D_i(x_i) - 150 = 0$$

b) Let's optimize our problem :

$$\begin{aligned} \max J(x) \\ \text{s.t } g(x_1, x_2, x_3) = 0 \end{aligned}$$

Since our problem is non linear we will use the sequential quadratic programming method (SQP) which is well suited for non lineary constrained problems .

The lagrangian of this problem is :  $L(x, \lambda) = J(x) - \lambda^T * g(x)$

and the first-order optimality condition is:  $\nabla L(x, \lambda) = 0$

Using the newton method the system of equations representing the first-order optimality conditions for the optimization problem is :

$$\begin{aligned} q(p) = 1/2 p^T * [\nabla^2_{xx} L(x_k, \lambda_k)] p + p^T [\nabla_x L(x_k, \lambda_k)] \\ \text{s.t } [\nabla g(x_k)]^T p + g(x_k) = 0 \end{aligned}$$

This optimization problem is a quadratic program; that is, it is the minimization of a quadratic function subjected to linear constraints.

The quadratic function is a Taylor series approximation to the Lagrangian at  $(x_k, \lambda_k)$ , and the constraints are a linear approximation to  $g(x_k + p) = 0$ .

We used in the current application the python `scipy.optimize` library tool wich has a built in method SQLP 'Sequential Least Squares Programming' starting with an intial guess of `[500, 400, 100]`

In [371]:

```

import numpy as np
import math
from scipy.optimize import minimize

a1=100
a2 = 150
a3= 300

def f(params):
    x,y,z = params
    return -100*math.exp(-1/100*x)*x - 150*math.exp(-1/150*y)*y - 300*math.exp(-1/300*z)
)*z

x0 = np.array([500,400, 100])

def apply_sum_constraint(params):
    x,y,z = params
    total = 150-100*math.exp(-1/100*x) - 150*math.exp(-1/150*y) - 300*math.exp(-1/300*z)
) #equality constraints
    return total

my_constraints = ({'type': 'eq', "fun": apply_sum_constraint })

```

In [372]:

```

res = minimize(f, x0, method='SLSQP',options={'xtol': 1e-8, 'disp': True},constraints=
my_constraints)
param=100,150,300

```

```

Optimization terminated successfully.    (Exit mode 0)
    Current function value: -43670.85883555805
    Iterations: 18
    Function evaluations: 93
    Gradient evaluations: 18

```

C:\ProgramData\Anaconda3\lib\site-packages\ipykernel\_launcher.py:1: Optimi

zeWarning: Unknown solver options:xtol

"""Entry point for launching an IPython kernel.

- The solution to this problem is  $x^* = [156.74860643, 206.74899586, 356.74781447]$  which corresponds to an optimal rounded prices of 157€ for the first bucket and 207€ for the second bucket and 357€ for the third bucket

In [373]:

res

Out[373]:

```

fun: -43670.85883555805
jac: array([11.8359375 , 14.30078125, 17.27832031])
message: 'Optimization terminated successfully.'
nfev: 93
nit: 18
njev: 18
status: 0
success: True
x: array([156.74860643, 206.74899586, 356.74781447])

```

In [374]:

```

#Cheking total number of seats
x,y,z = res.x
print ('number of seats sold with for bucket 1 is: ',round(100*math.exp(-1/100*x)), 'with price',round(x),'$')

print ('number of seats sold with for bucket 2 is: ',round(150*math.exp(-1/150*y)) , 'with price',round(y),'$')

print ('number of seats sold with for bucket 3 is: ',round(300*math.exp(-1/300*z)), 'with price',round(z),'$')

globalprice1=round(100*math.exp(-1/100*x))*x+round(150*math.exp(-1/150*y))*y+round(300*
math.exp(-1/300*z))*z
print ('The global revenue is :',globalprice1)

```

```

number of seats sold with for bucket 1 is: 21 with price 157.0 $
number of seats sold with for bucket 2 is: 38 with price 207.0 $
number of seats sold with for bucket 3 is: 91 with price 357.0 $
The global revenue is : 43612.23369478468

```

c)

a)

The global revenue should be higher if we squeeze more places but , the individual bucket price should be bit cheaper . We change the equality constraints to 153 and see the price change

In [375]:

```
def apply_sum_constraint(params):
    x,y,z = params
    total = 153-100*math.exp(-1/100*x) - 150*math.exp(-1/150*y) - 300*math.exp(-1/300*z)
    #equality constraints
    return total

my_constraints = ({'type': 'eq', "fun": apply_sum_constraint })

res = minimize(f, x0, method='SLSQP',options={'xtol': 1e-8 , 'disp': True},constraints=
my_constraints)
```

```
Optimization terminated successfully.      (Exit mode 0)
Current function value: -43835.26962060771
Iterations: 18
Function evaluations: 102
Gradient evaluations: 18
```

C:\ProgramData\Anaconda3\lib\site-packages\ipykernel\_launcher.py:8: Optimi  
zeWarning: Unknown solver options: xtol

In [376]:

res

Out[376]:

```
fun: -43835.26962060771
jac: array([11.46337891, 13.67285156, 16.30859375])
message: 'Optimization terminated successfully.'
nfev: 102
nit: 18
njev: 18
status: 0
success: True
x: array([152.87380444, 202.87530806, 352.87413956])
```

**As we see bellow , we notice a global price change of 3.87\$ and a global revenue increase of 480 dollars**

In [377]:

```
old =np.array([156.74860643, 206.74899586, 356.74781447]) # old bucket prices
new=np.array([152.87380444, 202.87530806, 352.87413956]) # new prices
pricedif=old-new
print("The price difference is: ",pricedif)
```

The price difference is: [3.87480199 3.8736878 3.87367491]

In [378]:

```

x,y,z =res.x
100*math.exp(-1/100*x) +150*math.exp(-1/150*y) + 300*math.exp(-1/300*z)
x,y,z = res.x
print ('number of seats sold with for bucket 1 is: ',round(100*math.exp(-1/100*x)), 'with price',round(x),'$')

print ('number of seats sold with for bucket 2 is: ',round(150*math.exp(-1/150*y)) , 'with price',round(y),'$')

print ('number of seats sold with for bucket 1 is: ',round(300*math.exp(-1/300*z)), 'with price',round(z),'$')

globalprice2=round(100*math.exp(-1/100*x))*x+round(150*math.exp(-1/150*y))*y+round(300*math.exp(-1/300*z))*z
globalprice2-globalprice1

```

```

number of seats sold with for bucket 1 is: 22 with price 153.0 $
number of seats sold with for bucket 2 is: 39 with price 203.0 $
number of seats sold with for bucket 1 is: 93 with price 353.0 $

```

Out[378]:

480.4219958394242

## EXERCICE 2

a) Let's minimize the following (Rosenbrock) function :

$$\min f(x) = 100(x_2 - x_1^2)^2 + (1 - x_1)^2$$

$$\text{s.t } x_1, x_2 \in [-5, 5]^2$$

First of all we will use the non linear conjugate gradient method and the quasi-newton BFGS method :

In [428]:

```

from scipy.optimize import rosen,rosen_hess, rosen_der,fmin_cg,fmin_bfgs # we import rosen function, it's gradient and hessian
import time
import pandas as pd

banana_hess=rosen_hess
banana=rosen
banana_der=rosen_der

```

- Let's define a function opti that will apply an optimisation method each run its parameters are method (only fmin\_cg, fmin\_BFGS), the starting point x0 (np array), the objective function and the objectivefunction derivative

In [429]:

```
def opti(method,x0,objfunc,objfunc_der):
    return method(objfunc, x0, fprime=objfunc_der, gtol=1e-5, full_output=1, disp= 0,
retall=1)
```

- Now let's define a function "run" that will run our minimisation it takes as parameters the number of runs the method used ( only those used in optim ) , the obj. function and the obj. func derivative and it returns a list containing a dataframe and a list of dataframes.

The first element is a df containing the starting point , ending point and the number of iterations in each run .

The list contains dataframes holding obj funct evaluation/iteration for each run

In [441]:

```
def run(runs,method,objfunc,objfunc_der,a,b) :
    times=[]
    start_point=[] # starting point for each run
    end_point=[] # ending point for each run
    maxiter=[] # max iteration of each run
    J_eval=[] # it will hold obj funct evaluations at all interm iterations
    iterhist=[] # it will hold dataframes which contains obj function evaluations for e
ach iteration ,
                # iterhist[0] corresponds to run 1 dataframe ....
    d={'number of iterations':maxiter,'Starting_point':start_point,'Final_point':end_po
int,'runtime (sec)':times}

    # we generate N(runs) random number to start

    #x0=runs*np.random.randn(runs, 2)

    x0=(b-a)* np.random.random_sample((runs, 2)) + a

    for j in range(runs):
        start = time.time()
        res2= opti(method,x0[j],objfunc,objfunc_der) #conjugate gradient providing func
tion gradient
        end = time.time()
        runtime = end - start
        times.append(runtime)
        start_point.append(x0[j].tolist())
        end_point.append(res2[0].tolist())
        maxiter.append(len(res2[-1])-1)
        for i in range((len(res2[-1])-1)): J_eval.append(objfunc(res2[-1][i]))
        d1={'iteration_number':np.arange(maxiter[j]).tolist(),'obj_function':J_eval}
        df_iterhist=pd.DataFrame(d1) # data frame holding obj funct evaluation/iterati
on
        iterhist.append(df_iterhist) # list containg all iterhist dataframes
        J_eval=[]
        df_method=pd.DataFrame(d) # data frame holding starting point , ending poit and num
ber of itterations and runtime

    return [df_method, iterhist]
```

**Now let's apply run to the banana function minimization using the conjugate gradient method and 10 runs**

In [442]:

```
resultat1=run(10,fmin_cg,banana,banana_der,-5,5)
df_CG_ban=resultat1[0]
CG_Hislist_ban=resultat1[1] #List of all iterhist dataframes in all runs
```

**Bellow a dataframe showing the starting pt and ending point for the CG method :**

In [443]:

```
df_CG_ban
```

Out[443]:

	number of iterations	Starting_point	Final_point	runtime (sec)
0	11	[-4.216527308372929, 0.2810938904042102]	[0.9999999651634625, 0.9999999127788475]	0.003033
1	34	[3.52245816436011, 0.9030305681406894]	[1.000007308363726, 1.0000146460987005]	0.003999
2	18	[0.28101391950373067, -2.6891750390399416]	[0.999999184424358, 0.9999983651956019]	0.001965
3	14	[-4.23860129180449, -2.596828478007338]	[1.0000000080907159, 1.0000000162252833]	0.002006
4	18	[-4.790980801908247, 3.648611802537415]	[0.9999969777346454, 0.999993936427741]	0.002995
5	21	[-0.018407125864598584, 2.411864687856651]	[0.9999958749218326, 0.9999917236909176]	0.002039
6	21	[1.7565113865582553, -2.375048442775496]	[1.0000000020069375, 1.0000000040205383]	0.003214
7	28	[4.308450571716119, -0.0670061760480154]	[1.0000000307449195, 1.0000000384759933]	0.004035
8	13	[4.862633157267576, -4.374279876379661]	[0.999999986057627, 0.9999999720557593]	0.002001
9	14	[-3.854454834265405, -3.9484947190414132]	[0.9999999778600922, 0.9999999556316487]	0.001984

**Now let's apply run to the banana function minimization using the BFGS method and 10 runs**

In [444]:

```
resultat2=run(10,fmin_bfgs,banana,banana_der,-5,5)
df_bfgs_ban=resultat2[0]
bfgs_Hislist_ban=resultat2[1]
```

**Bellow a dataframe showing the starting pt and ending point for the BFGS method :**

**In [445]:**

```
df_bfgs_ban
```

**Out[445]:**

	number of iterations	Starting_point	Final_point	runtime (sec)
0	23	[2.3143861745410383, 3.7336039403946337]	[1.0000001252613975, 1.0000002590906971]	0.003000
1	35	[1.8523417937936246, -0.01842590534130295]	[0.9999999092754825, 0.999998160686822]	0.002996
2	19	[0.8299780692027809, 1.2950446735206391]	[1.000000002804172, 1.0000000053418259]	0.002002
3	50	[-1.3807229642459475, -2.323285351689023]	[0.999999994856204, 0.999999989820141]	0.006040
4	27	[2.0280834512241475, 4.839858001764918]	[1.000000327777861, 1.0000006447467238]	0.002000
5	27	[0.07288439401782121, 4.732211324426302]	[0.999999972561879, 0.999999944211717]	0.002038
6	64	[3.949501716633261, -0.24972944302762912]	[1.0000001994273475, 1.0000004035436003]	0.008993
7	55	[4.78323502142692, 3.04254303316365]	[1.0000000123263444, 1.0000000126002768]	0.004966
8	73	[-3.989010509391442, -2.7478809014850003]	[1.0000000050492375, 1.000000009221483]	0.007007
9	18	[0.7814457780929889, 1.8429687860510846]	[1.0000000001023903, 1.0000000001276876]	0.001987

**Now lets plot the objfunction evaluations against iteration numbers :**



In [446]:

```
import matplotlib.pyplot as plt

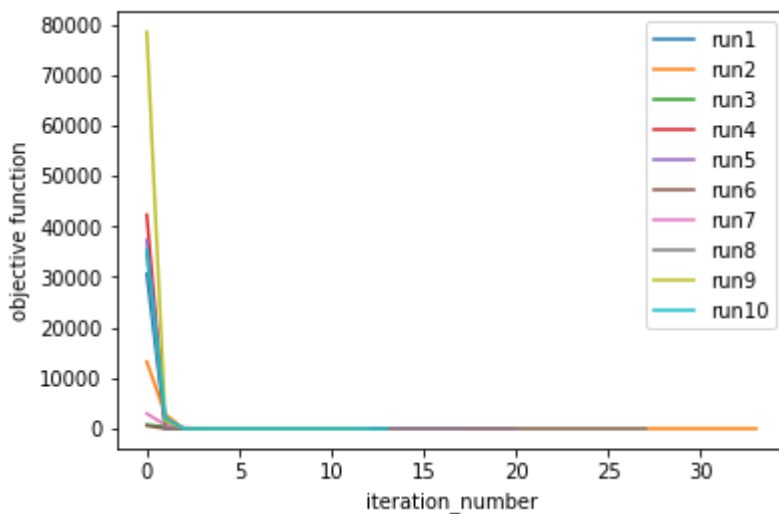
for frame in CG_Hislist_ban:
    plt.plot(frame['iteration_number'], frame['obj_function'])

plt.xlabel('iteration_number')
plt.ylabel('objective function')

plt.legend(['run1', 'run2', 'run3', 'run4', 'run5', 'run6', 'run7', 'run8', 'run9', 'run10'], loc='upper right')
```

Out[446]:

&lt;matplotlib.legend.Legend at 0x1271d898ef0&gt;



a) Let's minimize the egcrate function :

In [447]:

```
def egcrate(x):
    return np.sum((x[1:]**2 + x[:-1]**2.0)+ 25*(math.sin(x[1:]**2+math.sin(x[:-1])
**2 ), axis=0)
```

In [448]:

```
def egcrate_der(x):
    return np.array([np.sum(2*x[:-1]+25*math.sin(2*x[:-1])),np.sum(2*x[1:]+25*math.sin(
2*x[1:])))])
```

In [449]:

```
resultat1=run(10,fmin_cg,egcrate,egcrate_der,-2*math.pi,2*math.pi)
df.CG_egc=resultat1[0]
CG_Hislist_egc=resultat1[1] #List of all iterhist dataframes in all runs
```

Bellow a dataframe showing the starting pt and ending point for the CG method :

In [450]:

```
df_CG_egc
```

Out[450]:

	number of iterations	Starting_point	Final_point	runtime (sec)
0	5	[-0.3892030828755759, 3.5297298627600604]	[9.912667260343878e-08, 3.0196017609637984]	0.001037
1	8	[4.909131103189871, 0.9778877010437839]	[3.019601931387161, 6.526626241041525e-09]	0.000780
2	4	[-5.40840245989612, -6.053584563819906]	[-6.031424001516337, -6.031423964319464]	0.001000
3	7	[1.4403616351538728, -3.9506454669175355]	[-7.512366852532413e-10, -3.0196018820444905]	0.001104
4	7	[4.234732097436005, -0.5780909563938588]	[-1.1615596302188592e-11, 4.788325053979971e-12]	0.000994
5	4	[2.9069250556399915, -4.201809171167595]	[3.0196018863881005, -3.019601885920396]	0.000000
6	6	[5.207356109918887, -0.058451352475483276]	[6.031424012376059, 1.0625013557378541e-10]	0.000962
7	4	[-0.5309880349854916, -0.5309668266112473]	[-4.596087697711013e-12, -4.5943414986326665e-12]	0.000998
8	5	[1.3829805836695117, 0.9476319912384996]	[-3.055059909546254e-13, 5.210580032121413e-14]	0.001997
9	6	[-0.9298393453702385, -2.100608970760736]	[-7.067194295587508e-09, -3.0196018745851694]	0.001003

Now let's apply run to the banana function minimization using the BFGS method and 10 runs

In [452]:

```
resultat2=run(10,fmin_bfgs,egcrate,egcrate_der,-2*math.pi,2*math.pi)
df_bfgs_egc=resultat2[0]
bfgs_Hislist_egc=resultat2[1]
```

Bellow a dataframe showing the starting pt and ending point for the BFGS method :

In [453]:

df\_bfgs\_egc

Out[453]:

	number of iterations	Starting_point	Final_point	runtime (sec)
0	5	[3.953373489507605, 2.5658954071377735]	[3.0196018909233775, 3.019601741204051]	0.000954
1	9	[1.4132566690064143, 3.6926005146029173]	[1.0439329730126542e-07, 3.0196019487696835]	0.001041
2	9	[2.775509285238675, 1.4478012773223554]	[3.0196018827120215, 2.015063431143951e-08]	0.001015
3	7	[5.601809434167679, -0.8526428397440444]	[6.031424012301511, -1.874395053893541e-09]	0.000999
4	9	[5.577597914021492, 4.517518029320895]	[6.031423927534459, 3.0196019309501563]	0.002038
5	6	[-0.1842128049326055, -5.967146915108889]	[7.587030441924938e-09, -6.0314239736115525]	0.001003
6	7	[-2.2277962496124255, 3.3565654869101103]	[-3.019601703839683, 3.019601972006369]	0.000978
7	6	[2.088749648652744, -5.212436465994967]	[3.0196018619988467, -6.031424005809182]	0.000966
8	6	[-0.8925615419492479, -0.7510653512619161]	[2.500037745931438e-08, -3.309989944585263e-10]	0.001050
9	5	[2.2589603272671432, -3.0304621447533258]	[3.0196018741047745, -3.019601869928152]	0.000996

we can see that the egcrate function is most of the time locked in a local minima

In [396]:

```
import matplotlib.pyplot as plt

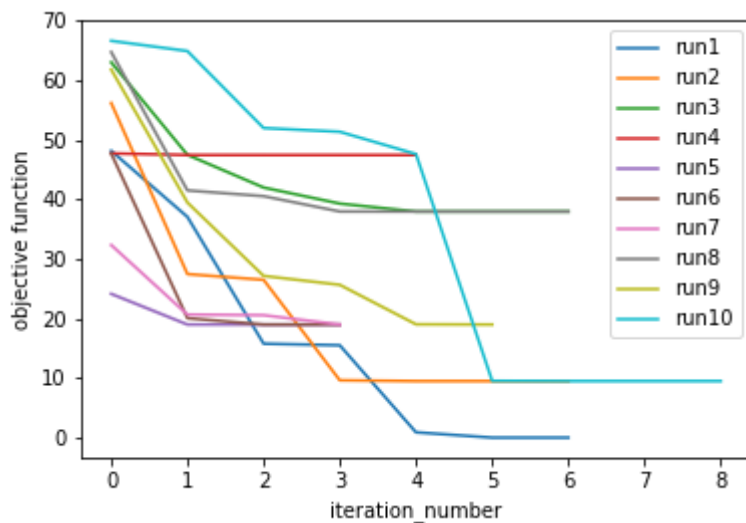
for frame in CG_Hislist_egc:
    plt.plot(frame['iteration_number'], frame['obj_function'])

plt.xlabel('iteration_number')
plt.ylabel('objective function')

plt.legend(['run1', 'run2', 'run3', 'run4', 'run5', 'run6', 'run7', 'run8', 'run9', 'run10'], loc='upper right')
```

Out[396]:

&lt;matplotlib.legend.Legend at 0x1271eb18438&gt;



## EXERCISE 3

*Let's start with a simple Simulated annealing code , and try to find the rosenbrock fuction optimumum*

In [170]:

```
hide_toggle(for_next=True)
```

Out[170]:

[show/hide code next cell](#)

In [399]:

```
import numpy as np
import matplotlib.pyplot as plt
```

*#Created on Fri Jun 7 15:36:40 2019*

```
#@author: Amine
```

```
x0 = 2 # Initial solution we want to start at
y0 = 1

k = 0.1
T0 = 1000      #initial temperature
M = 300
N = 15         # number of iterations before temp increase
alpha = 0.85   # temperature decrease rate (geometric)

z_int = 100*(y0-x0**2)**2+(1-x0)**2

print("Initial X is %.3f" % x0)
print("Initial Y is %.3f" % y0)
print("Initial Z is %.3f" % z_int)

temp = []
min_z = []

for i in range(M):
    for j in range(N):
        xt = 0
        yt = 0

        ran_x_1 = np.random.rand()
        ran_x_2 = np.random.rand()
        ran_y_1 = np.random.rand()
        ran_y_2 = np.random.rand()

        if ran_x_1 >= 0.5:
            x1 = k*ran_x_2
        else:
            x1 = -k*ran_x_2

        if ran_y_1 >= 0.5:
            y1 = k*ran_y_2
        else:
            y1 = -k*ran_y_2

        xt = x0+x1
        yt = y0+y1

        of_new = 100*(yt-xt**2)**2+(1-xt)**2

        of_current = 100*(y0-x0**2)**2+(1-x0)**2

        ran_1 = np.random.rand()
        form = 1/(np.exp((of_new-of_current)/T0))

        if of_new <= of_current:
            x0 = xt
            y0 = yt
        elif ran_1<=form:
            x0 = xt
            y0 = yt
        else:
            x0 = x0
```

```

y0 = y0

temp = np.append(temp,T0)
min_z = np.append(min_z,of_current)
T0 = alpha*T0

print("X is %.3f" % x0)
print("Y is %.3f" % y0)
print("Final OF is %.3f" % of_current)

plt.plot(temp,min_z)
plt.title("cost(rosen) vs. Temp.",fontsize=20, fontweight='bold')
plt.xlabel("Temp.",fontsize=18, fontweight='bold')
plt.ylabel("cost(rosen)",fontsize=18, fontweight='bold')

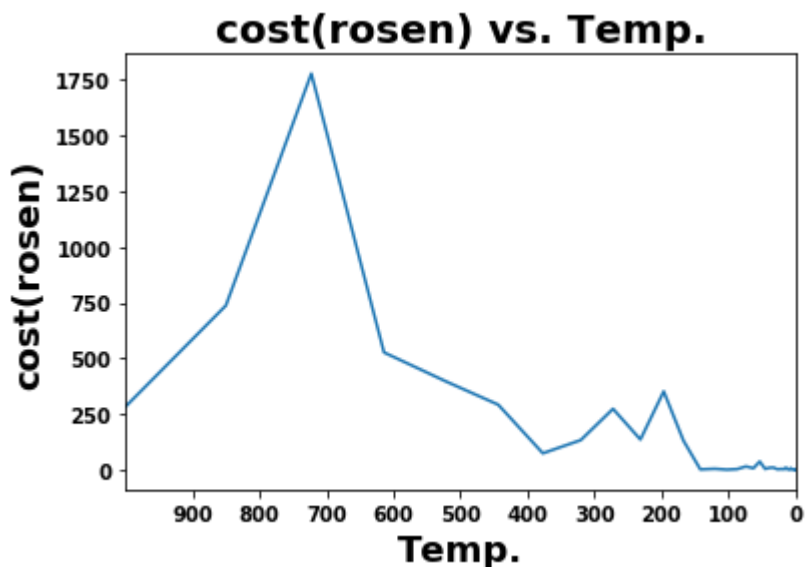
plt.xlim(1000,0)
plt.xticks(np.arange(min(temp),max(temp),100),fontweight='bold')
plt.yticks(fontweight='bold')

plt.show()

```

Initial X is 2.000  
 Initial Y is 1.000  
 Initial Z is 901.000  
 X is 0.995  
 Y is 0.991  
 Final OF is 0.000

C:\ProgramData\Anaconda3\lib\site-packages\ipykernel\_launcher.py:56: RuntimeWarning: divide by zero encountered in double\_scalars



## Genetic Algorithm

In [169]:

```
hide_toggle(for_next=True)
```

Out[169]:

[show/hide code next cell](#)



In [50]:

```
import random as rd

# p_c = 1 # probability of crossover (always crossover)
# p_m = 0.2 # probability of mutation
# K = 3
# pop = 160 #population size
# gen = 60 #number of generations
# Calculate fitness value

XY0 = np.array([0,1,0,0,0,1,0,0,1,0,1,1,1,0,1,1,1,0,0,1,0,1,1,0,1,1])
XY_Encoded_Before = np.array([0,1,0,0,0,1,0,0,1,0,1,1,1,0,1,1,1,0,0,1,0,1,1,0,1,1])

#####

def objective_value(array,f):

    a_X = -5.
    b_X = 5.
    l_X = (len(array)//2) # Length of chromosome X

    a_Y = -5.
    b_Y = 5.
    l_Y = (len(array)//2) # Length of chromosome X

    Precision_X = (b_X-a_X)/((2**l_X)-1)
    Precision_Y = (b_Y-a_Y)/((2**l_Y)-1)

    # [0,1,0,0,0,1,0,0,1,0,1,1,1,0,1,1,1,0,0,1,0,1,1,0,1,1]

    z = 0
    t = 1
    X0_num_Sum = 0

    for i in range(len(array)//2):
        X0_sum = array[-t]*(2**z)
        X0_num_Sum = X0_num_Sum + X0_sum
        t = t+1
        z = z+1

    p = 0
    u = 1 + (len(array)//2)
    Y0_num_Sum = 0

    for j in range(len(array)//2):
        Y0_sum = array[-u]*(2**p)
        Y0_num_Sum = Y0_num_Sum + Y0_sum
        u = u+1
        p = p+1
```

```
Decoded_X = (X0_num_Sum*Precision_X)+a_X
```

```
Decoded_Y = (Y0_num_Sum*Precision_Y)+a_Y
```

```
OF_So_Far = f(Decoded_X,Decoded_Y)
```

```
return Decoded_X,Decoded_Y,OF_So_Far
```

```
#####
```

```
def genetic(p_c, p_m, pop, gen, K, f):
```

```
    # x and y, 13 for x and 13 for y
```

```
    n_list = np.empty((0, len(XY0)))
```

```
    for i in range(pop): # Shuffle the elements in the vector n times and store them
```

```
        rd.shuffle(XY0)
```

```
        n_list = np.vstack((n_list, XY0))
```

```
    Final_Best_in_Generation_X = []
```

```
    Final_Worse_in_Generation_X = []
```

```
    For_Plotting_the_Best = np.empty((0, len(XY0)+1))
```

```
    One_Final_Guy = np.empty((0, len(XY0)+2))
```

```
    One_Finel_Guy_Final = []
```

```
    Min_for_all_Generations_for_Mut_1 = np.empty((0, len(XY0)+1))
```

```
    Min_for_all_Generations_for_Mut_2 = np.empty((0, len(XY0)+1))
```

```
    Min_for_all_Generations_for_Mut_1_1 = np.empty((0, len(XY0)+2))
```

```
    Min_for_all_Generations_for_Mut_2_2 = np.empty((0, len(XY0)+2))
```

```
    Min_for_all_Generations_for_Mut_1_1_1 = np.empty((0, len(XY0)+2))
```

```
    Min_for_all_Generations_for_Mut_2_2_2 = np.empty((0, len(XY0)+2))
```

```
    Generation = 1
```

```
    for i in range(gen):
```

```
        New_Population = np.empty((0, len(XY0))) # Saving the new generation
```

```
        All_in_Generation_X_1 = np.empty((0, len(XY0)+1))
```

```
        All_in_Generation_X_2 = np.empty((0, len(XY0)+1))
```

```
        Min_in_Generation_X_1 = []
```

```
        Min_in_Generation_X_2 = []
```

```
        Save_Best_in_Generation_X = np.empty((0, len(XY0)+1))
```

```
        Final_Best_in_Generation_X = []
```

```
        Final_Worst_in_Generation_X = []
```

```
        print("--> Generation: #", Generation)
```

```
        Family = 1
```

```

for j in range(int(pop/2)): # Range N/2

    print("--> Family: #", Family)

    # Tournament Selection

    Parents = np.empty((0,len(XY0)))

    for i in range(2):

        Battle_Troops = []

        Warrior_1_index = np.random.randint(0,len(n_list)) # e.g. 5
        Warrior_2_index = np.random.randint(0,len(n_list))
        Warrior_3_index = np.random.randint(0,len(n_list))

        while Warrior_1_index==Warrior_2_index:
            Warrior_1_index = np.random.randint(0,len(n_list))
        while Warrior_2_index==Warrior_3_index:
            Warrior_3_index = np.random.randint(0,len(n_list))
        while Warrior_1_index==Warrior_3_index:
            Warrior_3_index = np.random.randint(0,len(n_list))

        Warrior_1 = n_list[Warrior_1_index] # n_list[5]
        Warrior_2 = n_list[Warrior_2_index]
        Warrior_3 = n_list[Warrior_3_index]

        Battle_Troops = [Warrior_1,Warrior_2,Warrior_3]

        ### Warrior 1

        OF_So_Far_W1 = objective_value(Warrior_1,f)[2]

        Prize_Warrior_1 = OF_So_Far_W1

        ### Warrior 2

        OF_So_Far_W2 = objective_value(Warrior_2,f)[2]

        Prize_Warrior_2 = OF_So_Far_W2

        ### Warrior 3

        OF_So_Far_W3 = objective_value(Warrior_3,f)[2]

        Prize_Warrior_3 = OF_So_Far_W3

    if Prize_Warrior_1 == min(Prize_Warrior_1,Prize_Warrior_2,Prize_Warrior
_3):

        Winner = Warrior_1
        Winner_str = "Warrior_1"
        Prize = Prize_Warrior_1
    elif Prize_Warrior_2 == min(Prize_Warrior_1,Prize_Warrior_2,Prize_Warri
or_3):

        Winner = Warrior_2
        Winner_str = "Warrior_2"
        Prize = Prize_Warrior_2
    else:
        Winner = Warrior_3

```

```

Winner_str = "Warrior_3"
Prize = Prize_Warrior_3

Parents = np.vstack((Parents, Winner))

Parent_1 = Parents[0,:]
Parent_2 = Parents[1,:]

# Crossover

Child_1 = np.empty((0, len(XY0)))
Child_2 = np.empty((0, len(XY0)))

# Where to crossover

Ran_CO_1 = np.random.rand()

if Ran_CO_1 < p_c:

    Cr_1 = np.random.randint(0, len(XY0))
    Cr_2 = np.random.randint(0, len(XY0))

    while Cr_1 == Cr_2:
        Cr_2 = np.random.randint(0, len(XY0))

    if Cr_1 < Cr_2:

        # [0,1,0,0,0,1,0,0,1,0,1,1,1,0,1,1,1,0,0,1,0,1,1,0,1,1]

        Mid_Seg_1 = Parent_1[Cr_1:Cr_2+1]
        Mid_Seg_2 = Parent_2[Cr_1:Cr_2+1]

        First_Seg_1 = Parent_1[:Cr_1]
        Last_Seg_1 = Parent_1[Cr_2+1:]

        First_Seg_2 = Parent_2[:Cr_1]
        Last_Seg_2 = Parent_2[Cr_2+1:]

        Child_1 = np.concatenate((First_Seg_1, Mid_Seg_2, Last_Seg_1))
        Child_2 = np.concatenate((First_Seg_2, Mid_Seg_1, Last_Seg_2))

    else:

        Mid_Seg_1 = Parent_1[Cr_2:Cr_1+1]
        Mid_Seg_2 = Parent_2[Cr_2:Cr_1+1]

        First_Seg_1 = Parent_1[:Cr_2]
        Last_Seg_1 = Parent_1[Cr_1+1:]

        First_Seg_2 = Parent_2[:Cr_2]
        Last_Seg_2 = Parent_2[Cr_1+1:]

        Child_1 = np.concatenate((First_Seg_1, Mid_Seg_2, Last_Seg_1))
        Child_2 = np.concatenate((First_Seg_2, Mid_Seg_1, Last_Seg_2))

```

```
else:

    Child_1 = Parent_1
    Child_2 = Parent_2

# Mutation

# Mutated_Child_1

Mutated_Child_1 = []

# [0,1,0,0,0,1,0,0,1,0,1,1,1,0,1,1,1,0,0,1,0,1,1,0,1,1]

t = 0

for i in Child_1:
    rand_Mut_1 = np.random.rand() # prob. to mutate

    if rand_Mut_1 < p_m:
        if Child_1[t] == 0:
            Child_1[t] = 1
        else:
            Child_1[t] = 0
        t = t+1

        Mutated_Child_1 = Child_1

    else:
        Mutated_Child_1 = Child_1

# Mutated_Child_2

Mutated_Child_2 = []

t = 0

for i in Child_2:
    rand_Mut_2 = np.random.rand() # prob. to mutate

    if rand_Mut_2 < p_m:
        if Child_2[t] == 0:
            Child_2[t] = 1
        else:
            Child_2[t] = 0
        t = t+1

        Mutated_Child_2 = Child_2

    else:
        Mutated_Child_2 = Child_2

# For Mutated_1
OF_So_Far_MC_1 = objective_value(Mutated_Child_1,f)[2]
```

```

# For Mutated_2
OF_So_Far_MC_2 = objective_value(Mutated_Child_2,f)[2]

print()
print("FV at Mutated Child #1 at Generation #",Generation,":",OF_So_Far_MC_
1)
print("FV at Mutated Child #2 at Generation #",Generation,":",OF_So_Far_MC_
2)

All_in_Generation_X_1_1_temp = Mutated_Child_1[np.newaxis]
All_in_Generation_X_1_1 = np.column_stack((OF_So_Far_MC_1,All_in_Generation
_X_1_1_temp))

All_in_Generation_X_2_1_temp = Mutated_Child_2[np.newaxis]
All_in_Generation_X_2_1 = np.column_stack((OF_So_Far_MC_2,All_in_Generation
_X_2_1_temp))

All_in_Generation_X_1 = np.vstack((All_in_Generation_X_1,All_in_Generation_
X_1_1))
All_in_Generation_X_2 = np.vstack((All_in_Generation_X_2,All_in_Generation_
X_2_1))

Save_Best_in_Generation_X = np.vstack((All_in_Generation_X_1,All_in_Generat
ion_X_2))

New_Population = np.vstack((New_Population, Mutated_Child_1, Mutated_Child_
2))

t = 0
r_1 = []

for i in All_in_Generation_X_1:
    if(All_in_Generation_X_1[t,:1]) <= min(All_in_Generation_X_1[:,1]):
        r_1 = All_in_Generation_X_1[t,:]
        t = t+1

Min_in_Generation_X_1 = r_1[np.newaxis]

t = 0
r_2 = []

for i in All_in_Generation_X_2:
    if(All_in_Generation_X_2[t,:1]) <= min(All_in_Generation_X_2[:,1]):
        r_2 = All_in_Generation_X_2[t,:]
        t = t+1

Min_in_Generation_X_2 = r_2[np.newaxis]

Family = Family+1

t = 0
r_final = []

for i in Save_Best_in_Generation_X:

```

```

        if(Save_Best_in_Generation_X[t,:1]) <= min(Save_Best_in_Generation_X[:,1
]):
            r_final = Save_Best_in_Generation_X[t,]
            t = t+1

Final_Best_in_Generation_X = r_final[np.newaxis]

For_Plotting_the_Best = np.vstack((For_Plotting_the_Best,Final_Best_in_Generation_X))

t = 0
r_2_final = []

for i in Save_Best_in_Generation_X:
    if(Save_Best_in_Generation_X[t,:1]) >= max(Save_Best_in_Generation_X[:,1
]):
        r_2_final = Save_Best_in_Generation_X[t,]
        t = t+1

Final_Worst_in_Generation_X = r_2_final[np.newaxis]

# Elitism

Darwin_Guy = Final_Best_in_Generation_X[:]
Not_So_Darwin_Guy = Final_Worst_in_Generation_X[:]

Darwin_Guy = Darwin_Guy[0:,1:].tolist()
Not_So_Darwin_Guy = Not_So_Darwin_Guy[0:,1:].tolist()

Best_1 = np.where((New_Population==Darwin_Guy).all(axis=1))
Worst_1 = np.where((New_Population==Not_So_Darwin_Guy).all(axis=1))

New_Population[Worst_1] = Darwin_Guy

n_list = New_Population

Min_for_all_Generations_for_Mut_1 = np.vstack((Min_for_all_Generations_for_Mut_1,Min_in_Generation_X_1))

Min_for_all_Generations_for_Mut_2 = np.vstack((Min_for_all_Generations_for_Mut_2,Min_in_Generation_X_2))

Min_for_all_Generations_for_Mut_1_1 = np.insert(Min_in_Generation_X_1,0,Generation)
Min_for_all_Generations_for_Mut_2_2 = np.insert(Min_in_Generation_X_2,0,Generation)

Min_for_all_Generations_for_Mut_1_1_1 = np.vstack((Min_for_all_Generations_for_Mut_1_1_1,Min_for_all_Generations_for_Mut_1_1))
Min_for_all_Generations_for_Mut_2_2_2 = np.vstack((Min_for_all_Generations_for_Mut_2_2_2,Min_for_all_Generations_for_Mut_2_2))

```

```

    Generation = Generation+1

One_Final_Guy = np.vstack((Min_for_all_Generations_for_Mut_1_1_1,Min_for_all_Generations_for_Mut_2_2_2))

t = 0
Final_Here = []

for i in One_Final_Guy:
    if(One_Final_Guy[t,1]) <= min (One_Final_Guy[:,1]):
        Final_Here = One_Final_Guy[t,:]
    t = t+1

One_Final_Guy_Final = Final_Here[np.newaxis]

print()
print("Min in all Generation:",One_Final_Guy_Final.tolist())
print("Min in Cost:",One_Final_Guy_Final[:,1])
print()

A = (One_Final_Guy_Final[:,1])

plt.plot(For_Plotting_the_Best[:,0])
plt.axhline(y=A,color='r',linestyle='--')
plt.title("Z Reached Through Generations",fontsize=20,fontweight='bold')
plt.xlabel("Generations",fontsize=18,fontweight='bold')
plt.ylabel("Z",fontsize=18,fontweight='bold')
plt.xticks(fontweight='bold')
plt.yticks(fontweight='bold')

xyz = (Generation/4,A)
xyzz = (Generation/3.7,A+0.5)

plt.annotate("Minimum Cost Reached at: %0.3f" % A, xy=xyz, xytext=xyzz,
            arrowprops=dict(facecolor='black',shrink=1,width=1,headwidth=5),
            fontsize=12,fontweight='bold')

plt.show()

# [Generation number, fitness value, 0,1,0,0,0,1,0,0,1,0,1,1,1,0,1,1,1,0,0,1,0,1,1,0,1,1]

XY0_Encoded_After = Final_Here[2:]

# DECODING
# DECODING
# DECODING

Final_Solution = objective_value(XY0_Encoded_After,f)

print()
print()
print("X After:",Final_Solution[0])
print("Y After:",Final_Solution[1])
print("OF After:",Final_Solution[2])

```



***Let's apply our algorithm to find the fittest individual on all generations :***

In [60]:

```
# Parameters :  
# 1  p_c = 1 # probability of crossover (always crossover)  
# 2  p_m = 0.2 # probability of mutation  
#    K = 3  
# 3  pop = 160 #population size  
# 4  gen = 60 #number of generations  
# Calculate fitness value  
  
##Rosen Lambda function  
f=lambda x0,y0:100*(y0-x0**2)**2+(1-x0)**2  
  
genetic(1, 0.2,160,60,3,f)
```

--> Generation: # 1

--> Family: # 1

FV at Mutated Child #1 at Generation # 1 : 438.57666396493727

FV at Mutated Child #2 at Generation # 1 : 13291.558943070337

--> Family: # 2

FV at Mutated Child #1 at Generation # 1 : 111.79029411243435

FV at Mutated Child #2 at Generation # 1 : 8.344798086360129

--> Family: # 3

FV at Mutated Child #1 at Generation # 1 : 1110.3666539127464

FV at Mutated Child #2 at Generation # 1 : 47.74176576228169

--> Family: # 4

FV at Mutated Child #1 at Generation # 1 : 6399.471199137567

FV at Mutated Child #2 at Generation # 1 : 2394.4516782730157

--> Family: # 5

FV at Mutated Child #1 at Generation # 1 : 22.67904441396539

FV at Mutated Child #2 at Generation # 1 : 4901.714418508196

--> Family: # 6

FV at Mutated Child #1 at Generation # 1 : 5342.655378315731

FV at Mutated Child #2 at Generation # 1 : 349.8878294406733

--> Family: # 7

FV at Mutated Child #1 at Generation # 1 : 5996.5981570953145

FV at Mutated Child #2 at Generation # 1 : 404.3846225754313

--> Family: # 8

FV at Mutated Child #1 at Generation # 1 : 273.7105428001143

FV at Mutated Child #2 at Generation # 1 : 261.92426283473014

--> Family: # 9

FV at Mutated Child #1 at Generation # 1 : 1753.6359905052836

FV at Mutated Child #2 at Generation # 1 : 35.68192557676186

--> Family: # 10

FV at Mutated Child #1 at Generation # 1 : 1108.0222245504513

FV at Mutated Child #2 at Generation # 1 : 20813.850328593107

--> Family: # 11

FV at Mutated Child #1 at Generation # 1 : 158.98112516361203

FV at Mutated Child #2 at Generation # 1 : 351.66644356660896

--> Family: # 12

FV at Mutated Child #1 at Generation # 1 : 25709.407892988434

FV at Mutated Child #2 at Generation # 1 : 3206.5111415582783

--> Family: # 13

FV at Mutated Child #1 at Generation # 1 : 3399.6087542987243

FV at Mutated Child #2 at Generation # 1 : 2891.55736534522

--> Family: # 14

FV at Mutated Child #1 at Generation # 1 : 42.18069728759552

FV at Mutated Child #2 at Generation # 1 : 9648.621017261741

--> Family: # 15

FV at Mutated Child #1 at Generation # 1 : 664.8680606763131

FV at Mutated Child #2 at Generation # 1 : 191.25653107297865

--> Family: # 16

FV at Mutated Child #1 at Generation # 1 : 3398.8808710493995

FV at Mutated Child #2 at Generation # 1 : 4500.728262746342

--> Family: # 17

FV at Mutated Child #1 at Generation # 1 : 163.72388377145836

FV at Mutated Child #2 at Generation # 1 : 7.110221478054995

--> Family: # 18

FV at Mutated Child #1 at Generation # 1 : 109.98349733531074

FV at Mutated Child #2 at Generation # 1 : 505.93150141285577

--> Family: # 19

FV at Mutated Child #1 at Generation # 1 : 710.4711351428116

FV at Mutated Child #2 at Generation # 1 : 1874.8059237199072

--> Family: # 20

FV at Mutated Child #1 at Generation # 1 : 25.86795799345759

FV at Mutated Child #2 at Generation # 1 : 4826.242736523776

--> Family: # 21

FV at Mutated Child #1 at Generation # 1 : 1547.876911341496

FV at Mutated Child #2 at Generation # 1 : 25.25912228802882

--> Family: # 22

FV at Mutated Child #1 at Generation # 1 : 1886.7602740452865

FV at Mutated Child #2 at Generation # 1 : 758.1462624441616

--> Family: # 23

FV at Mutated Child #1 at Generation # 1 : 32443.127894132896

FV at Mutated Child #2 at Generation # 1 : 1921.8842877675377

--> Family: # 24

FV at Mutated Child #1 at Generation # 1 : 192.66903368218956

FV at Mutated Child #2 at Generation # 1 : 1200.655840560922

--> Family: # 25

FV at Mutated Child #1 at Generation # 1 : 2734.9043039759063

FV at Mutated Child #2 at Generation # 1 : 5439.751974361618

--> Family: # 26

FV at Mutated Child #1 at Generation # 1 : 2108.847947629091

FV at Mutated Child #2 at Generation # 1 : 12775.235290662831

--> Family: # 27

FV at Mutated Child #1 at Generation # 1 : 1390.202869530145

FV at Mutated Child #2 at Generation # 1 : 9162.100463573744

--> Family: # 28

FV at Mutated Child #1 at Generation # 1 : 5784.617214662745

FV at Mutated Child #2 at Generation # 1 : 282.68084212046637

--> Family: # 29

FV at Mutated Child #1 at Generation # 1 : 5.450789778976973

FV at Mutated Child #2 at Generation # 1 : 61.53396158458599

--> Family: # 30

FV at Mutated Child #1 at Generation # 1 : 11027.0980844772

FV at Mutated Child #2 at Generation # 1 : 23.573138428660574

--> Family: # 31

FV at Mutated Child #1 at Generation # 1 : 3288.9232701791902  
FV at Mutated Child #2 at Generation # 1 : 1603.869793282919  
--> Family: # 32

FV at Mutated Child #1 at Generation # 1 : 554.0222245832167  
FV at Mutated Child #2 at Generation # 1 : 1846.0886681853233  
--> Family: # 33

FV at Mutated Child #1 at Generation # 1 : 131.29038545172656  
FV at Mutated Child #2 at Generation # 1 : 6.279896781357295  
--> Family: # 34

FV at Mutated Child #1 at Generation # 1 : 117.97471044552462  
FV at Mutated Child #2 at Generation # 1 : 432.67202017143956  
--> Family: # 35

FV at Mutated Child #1 at Generation # 1 : 12875.575780392808  
FV at Mutated Child #2 at Generation # 1 : 212.93566849062475  
--> Family: # 36

FV at Mutated Child #1 at Generation # 1 : 139.10744393604077  
FV at Mutated Child #2 at Generation # 1 : 2501.1121479942335  
--> Family: # 37

FV at Mutated Child #1 at Generation # 1 : 43.956062932155284  
FV at Mutated Child #2 at Generation # 1 : 103.2560199108052  
--> Family: # 38

FV at Mutated Child #1 at Generation # 1 : 103.79006958979735  
FV at Mutated Child #2 at Generation # 1 : 111.91748475673867  
--> Family: # 39

FV at Mutated Child #1 at Generation # 1 : 13276.081097622578  
FV at Mutated Child #2 at Generation # 1 : 72.98850782132037  
--> Family: # 40

FV at Mutated Child #1 at Generation # 1 : 1252.7129551534667  
FV at Mutated Child #2 at Generation # 1 : 2277.056990120718  
--> Family: # 41

FV at Mutated Child #1 at Generation # 1 : 4997.724669646256  
FV at Mutated Child #2 at Generation # 1 : 1445.3715820443192  
--> Family: # 42

FV at Mutated Child #1 at Generation # 1 : 2.174985749409764  
FV at Mutated Child #2 at Generation # 1 : 9.223245378491336  
--> Family: # 43

FV at Mutated Child #1 at Generation # 1 : 27336.804183453754  
FV at Mutated Child #2 at Generation # 1 : 2366.0128637158114  
--> Family: # 44

FV at Mutated Child #1 at Generation # 1 : 631.4681535425161  
FV at Mutated Child #2 at Generation # 1 : 692.5552394113911  
--> Family: # 45

FV at Mutated Child #1 at Generation # 1 : 865.1195893622835  
FV at Mutated Child #2 at Generation # 1 : 88.33144650853126  
--> Family: # 46

FV at Mutated Child #1 at Generation # 1 : 161.0819208255861  
FV at Mutated Child #2 at Generation # 1 : 499.1967614369847  
--> Family: # 47

FV at Mutated Child #1 at Generation # 1 : 1614.7567868846832  
FV at Mutated Child #2 at Generation # 1 : 24847.933883230882  
--> Family: # 48

FV at Mutated Child #1 at Generation # 1 : 377.4685470920715  
FV at Mutated Child #2 at Generation # 1 : 5719.446992635471  
--> Family: # 49

FV at Mutated Child #1 at Generation # 1 : 2549.979704057595  
FV at Mutated Child #2 at Generation # 1 : 11757.15535276976  
--> Family: # 50

FV at Mutated Child #1 at Generation # 1 : 1341.0694721699497  
FV at Mutated Child #2 at Generation # 1 : 3.465538730763645  
--> Family: # 51

FV at Mutated Child #1 at Generation # 1 : 63.72549742733017  
FV at Mutated Child #2 at Generation # 1 : 1752.8730615673107  
--> Family: # 52

FV at Mutated Child #1 at Generation # 1 : 85.90300336020861  
FV at Mutated Child #2 at Generation # 1 : 3739.3134222489543  
--> Family: # 53

FV at Mutated Child #1 at Generation # 1 : 1800.0642966492292  
FV at Mutated Child #2 at Generation # 1 : 43.116542541344785  
--> Family: # 54

FV at Mutated Child #1 at Generation # 1 : 1.0898721450216082  
FV at Mutated Child #2 at Generation # 1 : 291.29658754892085  
--> Family: # 55

FV at Mutated Child #1 at Generation # 1 : 260.0267342431612  
FV at Mutated Child #2 at Generation # 1 : 288.09370333022264  
--> Family: # 56

FV at Mutated Child #1 at Generation # 1 : 1028.1177575282131  
FV at Mutated Child #2 at Generation # 1 : 5.538670261263822  
--> Family: # 57

FV at Mutated Child #1 at Generation # 1 : 2389.9829297795864  
FV at Mutated Child #2 at Generation # 1 : 9485.574508621996  
--> Family: # 58

FV at Mutated Child #1 at Generation # 1 : 34044.4474504132  
FV at Mutated Child #2 at Generation # 1 : 528.2144027869174  
--> Family: # 59

FV at Mutated Child #1 at Generation # 1 : 180.0130337437011  
FV at Mutated Child #2 at Generation # 1 : 2733.248645661023  
--> Family: # 60

FV at Mutated Child #1 at Generation # 1 : 216.7261624548956  
FV at Mutated Child #2 at Generation # 1 : 228.37265884741794  
--> Family: # 61

FV at Mutated Child #1 at Generation # 1 : 12011.567192763696

FV at Mutated Child #2 at Generation # 1 : 18072.78330881926

--> Family: # 62

FV at Mutated Child #1 at Generation # 1 : 3339.781767965558

FV at Mutated Child #2 at Generation # 1 : 187.87247600988619

--> Family: # 63

FV at Mutated Child #1 at Generation # 1 : 3587.3035557290173

FV at Mutated Child #2 at Generation # 1 : 2416.7300134924812

--> Family: # 64

FV at Mutated Child #1 at Generation # 1 : 292.4031607329214

FV at Mutated Child #2 at Generation # 1 : 7673.956757350873

--> Family: # 65

FV at Mutated Child #1 at Generation # 1 : 38807.90651025632

FV at Mutated Child #2 at Generation # 1 : 43910.69831037387

--> Family: # 66

FV at Mutated Child #1 at Generation # 1 : 35.580610224061665

FV at Mutated Child #2 at Generation # 1 : 2551.2456148519236

--> Family: # 67

FV at Mutated Child #1 at Generation # 1 : 3581.776999455038

FV at Mutated Child #2 at Generation # 1 : 4.4498937860411765

--> Family: # 68

FV at Mutated Child #1 at Generation # 1 : 16631.773437648208

FV at Mutated Child #2 at Generation # 1 : 73.25973881525768

--> Family: # 69

FV at Mutated Child #1 at Generation # 1 : 418.45844832418663

FV at Mutated Child #2 at Generation # 1 : 6381.260895771622

--> Family: # 70

FV at Mutated Child #1 at Generation # 1 : 22.51175820363983

FV at Mutated Child #2 at Generation # 1 : 1028.4494450290686

--> Family: # 71

FV at Mutated Child #1 at Generation # 1 : 1401.8036148132476

FV at Mutated Child #2 at Generation # 1 : 641.6213498134691

--> Family: # 72

FV at Mutated Child #1 at Generation # 1 : 3156.2997448782075

FV at Mutated Child #2 at Generation # 1 : 69.11332593890336

--> Family: # 73

FV at Mutated Child #1 at Generation # 1 : 10268.831570264674

FV at Mutated Child #2 at Generation # 1 : 2493.1207185364706

--> Family: # 74

FV at Mutated Child #1 at Generation # 1 : 2173.095286626183

FV at Mutated Child #2 at Generation # 1 : 5703.235392866668

--> Family: # 75

FV at Mutated Child #1 at Generation # 1 : 2852.719979860627

FV at Mutated Child #2 at Generation # 1 : 49392.41271482534

--> Family: # 76

FV at Mutated Child #1 at Generation # 1 : 999.4739823183684

FV at Mutated Child #2 at Generation # 1 : 1233.4590474879167

--> Family: # 77

FV at Mutated Child #1 at Generation # 1 : 429.85904227260625

FV at Mutated Child #2 at Generation # 1 : 1384.544513767615

--> Family: # 78

FV at Mutated Child #1 at Generation # 1 : 5835.919244270971

FV at Mutated Child #2 at Generation # 1 : 1026.1656550619957

--> Family: # 79

FV at Mutated Child #1 at Generation # 1 : 4543.470875321045

FV at Mutated Child #2 at Generation # 1 : 3248.471668066123

--> Family: # 80

FV at Mutated Child #1 at Generation # 1 : 1414.9252987902546

FV at Mutated Child #2 at Generation # 1 : 431.7238153091493

--> Generation: # 2

--> Family: # 1

FV at Mutated Child #1 at Generation # 2 : 400.741607050254

FV at Mutated Child #2 at Generation # 2 : 1337.3809422335205

--> Family: # 2

FV at Mutated Child #1 at Generation # 2 : 321.0017299777128

FV at Mutated Child #2 at Generation # 2 : 1071.816276747909

--> Family: # 3

FV at Mutated Child #1 at Generation # 2 : 5.065025889976882

FV at Mutated Child #2 at Generation # 2 : 129.38427682166642

--> Family: # 4

FV at Mutated Child #1 at Generation # 2 : 10.127292991097448

FV at Mutated Child #2 at Generation # 2 : 274.3541880104426

--> Family: # 5

FV at Mutated Child #1 at Generation # 2 : 2833.96265470774

FV at Mutated Child #2 at Generation # 2 : 11.397329035618624

--> Family: # 6

FV at Mutated Child #1 at Generation # 2 : 7846.949260965652

FV at Mutated Child #2 at Generation # 2 : 57262.4685079876

--> Family: # 7

FV at Mutated Child #1 at Generation # 2 : 18.56513848822152

FV at Mutated Child #2 at Generation # 2 : 502.9117651168358

--> Family: # 8

FV at Mutated Child #1 at Generation # 2 : 22.931225044834914

FV at Mutated Child #2 at Generation # 2 : 293.6139749660277

--> Family: # 9

FV at Mutated Child #1 at Generation # 2 : 1468.1253775179553

FV at Mutated Child #2 at Generation # 2 : 841.301462174331

--> Family: # 10

FV at Mutated Child #1 at Generation # 2 : 1504.1414627857278

FV at Mutated Child #2 at Generation # 2 : 3406.2354346273896

--> Family: # 11

FV at Mutated Child #1 at Generation # 2 : 2334.5558229968306

FV at Mutated Child #2 at Generation # 2 : 196.32749067551123



--> Family: # 12

FV at Mutated Child #1 at Generation # 2 : 4049.655530380144  
FV at Mutated Child #2 at Generation # 2 : 1548.3964913693144

--> Family: # 13

FV at Mutated Child #1 at Generation # 2 : 5974.956320162239  
FV at Mutated Child #2 at Generation # 2 : 283.0516142261102

--> Family: # 14

FV at Mutated Child #1 at Generation # 2 : 63.03745074746544  
FV at Mutated Child #2 at Generation # 2 : 2128.753916269754

--> Family: # 15

FV at Mutated Child #1 at Generation # 2 : 0.36734893152986714  
FV at Mutated Child #2 at Generation # 2 : 161.34117630368198

--> Family: # 16

FV at Mutated Child #1 at Generation # 2 : 2059.610018937357  
FV at Mutated Child #2 at Generation # 2 : 290.62301084639864

--> Family: # 17

FV at Mutated Child #1 at Generation # 2 : 1955.206630646493  
FV at Mutated Child #2 at Generation # 2 : 3.7999598135755823

--> Family: # 18

FV at Mutated Child #1 at Generation # 2 : 561.4881255683769  
FV at Mutated Child #2 at Generation # 2 : 80.57805752712842

--> Family: # 19

FV at Mutated Child #1 at Generation # 2 : 0.2240984430441624  
FV at Mutated Child #2 at Generation # 2 : 11.866611832104228

--> Family: # 20

FV at Mutated Child #1 at Generation # 2 : 1082.3016680356452  
FV at Mutated Child #2 at Generation # 2 : 48.73799661414183

--> Family: # 21

FV at Mutated Child #1 at Generation # 2 : 676.1672509640115  
FV at Mutated Child #2 at Generation # 2 : 605.7948767355242

--> Family: # 22

FV at Mutated Child #1 at Generation # 2 : 2361.3300435507767  
FV at Mutated Child #2 at Generation # 2 : 13.563030938313434

--> Family: # 23

FV at Mutated Child #1 at Generation # 2 : 318.0105856961795  
FV at Mutated Child #2 at Generation # 2 : 693.4012267606788

--> Family: # 24

FV at Mutated Child #1 at Generation # 2 : 4043.1837286839027  
FV at Mutated Child #2 at Generation # 2 : 2474.6914785603085

--> Family: # 25

FV at Mutated Child #1 at Generation # 2 : 28.325039922056554  
FV at Mutated Child #2 at Generation # 2 : 258.1721777585763

--> Family: # 26

FV at Mutated Child #1 at Generation # 2 : 4.573683480198678  
FV at Mutated Child #2 at Generation # 2 : 33.22331463932391

--> Family: # 27

FV at Mutated Child #1 at Generation # 2 : 1026.7995242679563  
FV at Mutated Child #2 at Generation # 2 : 1131.8575397660957  
--> Family: # 28

FV at Mutated Child #1 at Generation # 2 : 36897.88594728911  
FV at Mutated Child #2 at Generation # 2 : 41758.54127736832  
--> Family: # 29

FV at Mutated Child #1 at Generation # 2 : 266.2612639391702  
FV at Mutated Child #2 at Generation # 2 : 280.80651820522087  
--> Family: # 30

FV at Mutated Child #1 at Generation # 2 : 2422.140263625622  
FV at Mutated Child #2 at Generation # 2 : 602.6408241613992  
--> Family: # 31

FV at Mutated Child #1 at Generation # 2 : 1366.1412308646295  
FV at Mutated Child #2 at Generation # 2 : 1949.2473438188183  
--> Family: # 32

FV at Mutated Child #1 at Generation # 2 : 118.19028329951912  
FV at Mutated Child #2 at Generation # 2 : 70.38474306133908  
--> Family: # 33

FV at Mutated Child #1 at Generation # 2 : 5996.599340045044  
FV at Mutated Child #2 at Generation # 2 : 340.6523027682811  
--> Family: # 34

FV at Mutated Child #1 at Generation # 2 : 22.67904441396539  
FV at Mutated Child #2 at Generation # 2 : 2060.197970836271  
--> Family: # 35

FV at Mutated Child #1 at Generation # 2 : 15.034412544985495  
FV at Mutated Child #2 at Generation # 2 : 23.64953195622593  
--> Family: # 36

FV at Mutated Child #1 at Generation # 2 : 473.9075592957226  
FV at Mutated Child #2 at Generation # 2 : 1905.5079385894635  
--> Family: # 37

FV at Mutated Child #1 at Generation # 2 : 206.47074777816613  
FV at Mutated Child #2 at Generation # 2 : 6.697366039022495  
--> Family: # 38

FV at Mutated Child #1 at Generation # 2 : 8.28434465384157  
FV at Mutated Child #2 at Generation # 2 : 428.47838743987955  
--> Family: # 39

FV at Mutated Child #1 at Generation # 2 : 382.87507477651457  
FV at Mutated Child #2 at Generation # 2 : 32.47216057137029  
--> Family: # 40

FV at Mutated Child #1 at Generation # 2 : 30563.895270840894  
FV at Mutated Child #2 at Generation # 2 : 53814.99133075844  
--> Family: # 41

FV at Mutated Child #1 at Generation # 2 : 3857.879284604929  
FV at Mutated Child #2 at Generation # 2 : 5601.053729396734  
--> Family: # 42

FV at Mutated Child #1 at Generation # 2 : 14.242334883091441  
FV at Mutated Child #2 at Generation # 2 : 3871.2134478067924  
--> Family: # 43

FV at Mutated Child #1 at Generation # 2 : 82297.05611636097  
FV at Mutated Child #2 at Generation # 2 : 16868.310980470902  
--> Family: # 44

FV at Mutated Child #1 at Generation # 2 : 0.49813372791657606  
FV at Mutated Child #2 at Generation # 2 : 87.66749937861927  
--> Family: # 45

FV at Mutated Child #1 at Generation # 2 : 1326.4541671137767  
FV at Mutated Child #2 at Generation # 2 : 934.3720008727521  
--> Family: # 46

FV at Mutated Child #1 at Generation # 2 : 7130.768571294132  
FV at Mutated Child #2 at Generation # 2 : 5753.3296725013415  
--> Family: # 47

FV at Mutated Child #1 at Generation # 2 : 36.83680573259452  
FV at Mutated Child #2 at Generation # 2 : 1290.355716532287  
--> Family: # 48

FV at Mutated Child #1 at Generation # 2 : 346.17239858335927  
FV at Mutated Child #2 at Generation # 2 : 549.6968358362765  
--> Family: # 49

FV at Mutated Child #1 at Generation # 2 : 2.8363388042951327  
FV at Mutated Child #2 at Generation # 2 : 6.633503969921332  
--> Family: # 50

FV at Mutated Child #1 at Generation # 2 : 1463.0580950431056  
FV at Mutated Child #2 at Generation # 2 : 1016.5567518769795  
--> Family: # 51

FV at Mutated Child #1 at Generation # 2 : 2204.99153162828  
FV at Mutated Child #2 at Generation # 2 : 3179.2484329015883  
--> Family: # 52

FV at Mutated Child #1 at Generation # 2 : 2759.7432550328886  
FV at Mutated Child #2 at Generation # 2 : 1609.905716058662  
--> Family: # 53

FV at Mutated Child #1 at Generation # 2 : 1961.6207407661543  
FV at Mutated Child #2 at Generation # 2 : 42.6277482944085  
--> Family: # 54

FV at Mutated Child #1 at Generation # 2 : 51.32949288029384  
FV at Mutated Child #2 at Generation # 2 : 2469.934199113361  
--> Family: # 55

FV at Mutated Child #1 at Generation # 2 : 983.3567043897634  
FV at Mutated Child #2 at Generation # 2 : 552.1406843605337  
--> Family: # 56

FV at Mutated Child #1 at Generation # 2 : 536.0078283282242  
FV at Mutated Child #2 at Generation # 2 : 238.4078909038199  
--> Family: # 57

FV at Mutated Child #1 at Generation # 2 : 887.85182193291

FV at Mutated Child #2 at Generation # 2 : 1338.37572438694  
--> Family: # 58

FV at Mutated Child #1 at Generation # 2 : 34.109781348653975  
FV at Mutated Child #2 at Generation # 2 : 2780.408920637319  
--> Family: # 59

FV at Mutated Child #1 at Generation # 2 : 42.4377882526976  
FV at Mutated Child #2 at Generation # 2 : 76.81584960282105  
--> Family: # 60

FV at Mutated Child #1 at Generation # 2 : 5.29785682138049  
FV at Mutated Child #2 at Generation # 2 : 67.33347309611653  
--> Family: # 61

FV at Mutated Child #1 at Generation # 2 : 484.65956549999794  
FV at Mutated Child #2 at Generation # 2 : 2588.4647118962143  
--> Family: # 62

FV at Mutated Child #1 at Generation # 2 : 308.97801309547447  
FV at Mutated Child #2 at Generation # 2 : 438.3574885187855  
--> Family: # 63

FV at Mutated Child #1 at Generation # 2 : 87.319535402797  
FV at Mutated Child #2 at Generation # 2 : 177.5093455813001  
--> Family: # 64

FV at Mutated Child #1 at Generation # 2 : 75.84167450488789  
FV at Mutated Child #2 at Generation # 2 : 490.58566536232746  
--> Family: # 65

FV at Mutated Child #1 at Generation # 2 : 560.7644238328027  
FV at Mutated Child #2 at Generation # 2 : 1026.3549146017203  
--> Family: # 66

FV at Mutated Child #1 at Generation # 2 : 376.56373926612065  
FV at Mutated Child #2 at Generation # 2 : 8.198931701692116  
--> Family: # 67

FV at Mutated Child #1 at Generation # 2 : 129.82847635998206  
FV at Mutated Child #2 at Generation # 2 : 200.2419272470112  
--> Family: # 68

FV at Mutated Child #1 at Generation # 2 : 332.26092775664085  
FV at Mutated Child #2 at Generation # 2 : 2162.383926935482  
--> Family: # 69

FV at Mutated Child #1 at Generation # 2 : 293.6139749660277  
FV at Mutated Child #2 at Generation # 2 : 284.09640544619174  
--> Family: # 70

FV at Mutated Child #1 at Generation # 2 : 989.1078486511594  
FV at Mutated Child #2 at Generation # 2 : 525.5943978555366  
--> Family: # 71

FV at Mutated Child #1 at Generation # 2 : 5671.635794058645  
FV at Mutated Child #2 at Generation # 2 : 5194.097965079843  
--> Family: # 72

FV at Mutated Child #1 at Generation # 2 : 7.297018471691718  
FV at Mutated Child #2 at Generation # 2 : 5.020774763417642

--> Family: # 73

FV at Mutated Child #1 at Generation # 2 : 510.3851295061545  
FV at Mutated Child #2 at Generation # 2 : 248.77562029673047

--> Family: # 74

FV at Mutated Child #1 at Generation # 2 : 950.8097821619953  
FV at Mutated Child #2 at Generation # 2 : 1256.199325403513

--> Family: # 75

FV at Mutated Child #1 at Generation # 2 : 268.23370446327806  
FV at Mutated Child #2 at Generation # 2 : 487.2422048082468

--> Family: # 76

FV at Mutated Child #1 at Generation # 2 : 1067.0797036542945  
FV at Mutated Child #2 at Generation # 2 : 173.67656165228323

--> Family: # 77

FV at Mutated Child #1 at Generation # 2 : 1311.2296007338657  
FV at Mutated Child #2 at Generation # 2 : 1350.2702038174868

--> Family: # 78

FV at Mutated Child #1 at Generation # 2 : 22.50062878343814  
FV at Mutated Child #2 at Generation # 2 : 482.30809214435595

--> Family: # 79

FV at Mutated Child #1 at Generation # 2 : 21.36028756927127  
FV at Mutated Child #2 at Generation # 2 : 24.153313008341588

--> Family: # 80

FV at Mutated Child #1 at Generation # 2 : 220.36495983486893  
FV at Mutated Child #2 at Generation # 2 : 37.76443932586498

--> Generation: # 3

--> Family: # 1

FV at Mutated Child #1 at Generation # 3 : 478.70428859192884  
FV at Mutated Child #2 at Generation # 3 : 121.68379903675755

--> Family: # 2

FV at Mutated Child #1 at Generation # 3 : 110.43739373967583  
FV at Mutated Child #2 at Generation # 3 : 122.42504006834413

--> Family: # 3

FV at Mutated Child #1 at Generation # 3 : 24.504600184461165  
FV at Mutated Child #2 at Generation # 3 : 199.73171981574993

--> Family: # 4

FV at Mutated Child #1 at Generation # 3 : 846.158830965028  
FV at Mutated Child #2 at Generation # 3 : 14.981870852321066

--> Family: # 5

FV at Mutated Child #1 at Generation # 3 : 432.8540782621686  
FV at Mutated Child #2 at Generation # 3 : 392.4093095616846

--> Family: # 6

FV at Mutated Child #1 at Generation # 3 : 443.6677115154606  
FV at Mutated Child #2 at Generation # 3 : 799.883366206212

--> Family: # 7

FV at Mutated Child #1 at Generation # 3 : 54.260911911142124  
FV at Mutated Child #2 at Generation # 3 : 29.916935609670862

--> Family: # 8

FV at Mutated Child #1 at Generation # 3 : 474.58565153281154

FV at Mutated Child #2 at Generation # 3 : 717.3530752024267

--> Family: # 9

FV at Mutated Child #1 at Generation # 3 : 1044.2450999091382

FV at Mutated Child #2 at Generation # 3 : 21.46466630272224

--> Family: # 10

FV at Mutated Child #1 at Generation # 3 : 480.1938360321778

FV at Mutated Child #2 at Generation # 3 : 425.8574905797056

--> Family: # 11

FV at Mutated Child #1 at Generation # 3 : 2146.8009697635844

FV at Mutated Child #2 at Generation # 3 : 2112.453443794284

--> Family: # 12

FV at Mutated Child #1 at Generation # 3 : 90.05382717078243

FV at Mutated Child #2 at Generation # 3 : 834.7807631638451

--> Family: # 13

FV at Mutated Child #1 at Generation # 3 : 355.09066087900385

FV at Mutated Child #2 at Generation # 3 : 669.3827201174054

--> Family: # 14

FV at Mutated Child #1 at Generation # 3 : 430.4655666630775

FV at Mutated Child #2 at Generation # 3 : 393.14126896099464

--> Family: # 15

FV at Mutated Child #1 at Generation # 3 : 36.86404299658655

FV at Mutated Child #2 at Generation # 3 : 465.28727474919316

--> Family: # 16

FV at Mutated Child #1 at Generation # 3 : 36.77137836626604

FV at Mutated Child #2 at Generation # 3 : 1266.7355286835605

--> Family: # 17

FV at Mutated Child #1 at Generation # 3 : 1072.3963260814985

FV at Mutated Child #2 at Generation # 3 : 3.4077667501604902

--> Family: # 18

FV at Mutated Child #1 at Generation # 3 : 3917.8101674106742

FV at Mutated Child #2 at Generation # 3 : 3022.1425177199444

--> Family: # 19

FV at Mutated Child #1 at Generation # 3 : 2589.2408717922744

FV at Mutated Child #2 at Generation # 3 : 1595.0195424656495

--> Family: # 20

FV at Mutated Child #1 at Generation # 3 : 378.6661224312731

FV at Mutated Child #2 at Generation # 3 : 772.9646490174513

--> Family: # 21

FV at Mutated Child #1 at Generation # 3 : 656.3491082353972

FV at Mutated Child #2 at Generation # 3 : 3137.5657867376804

--> Family: # 22

FV at Mutated Child #1 at Generation # 3 : 126.78346116890084

FV at Mutated Child #2 at Generation # 3 : 160.59533808101958

--> Family: # 23

FV at Mutated Child #1 at Generation # 3 : 902.2745134416976  
FV at Mutated Child #2 at Generation # 3 : 6764.48632112265  
--> Family: # 24

FV at Mutated Child #1 at Generation # 3 : 778.0022387470626  
FV at Mutated Child #2 at Generation # 3 : 57.94365372691199  
--> Family: # 25

FV at Mutated Child #1 at Generation # 3 : 335.4643562575967  
FV at Mutated Child #2 at Generation # 3 : 285.2575795598447  
--> Family: # 26

FV at Mutated Child #1 at Generation # 3 : 199.72822337478047  
FV at Mutated Child #2 at Generation # 3 : 9.669186640372391  
--> Family: # 27

FV at Mutated Child #1 at Generation # 3 : 2813.2511022473914  
FV at Mutated Child #2 at Generation # 3 : 3776.056513307642  
--> Family: # 28

FV at Mutated Child #1 at Generation # 3 : 68.1035814795184  
FV at Mutated Child #2 at Generation # 3 : 3442.263636198162  
--> Family: # 29

FV at Mutated Child #1 at Generation # 3 : 775.09029955916  
FV at Mutated Child #2 at Generation # 3 : 47.093541177625355  
--> Family: # 30

FV at Mutated Child #1 at Generation # 3 : 221.72276997926969  
FV at Mutated Child #2 at Generation # 3 : 3.620318800174567  
--> Family: # 31

FV at Mutated Child #1 at Generation # 3 : 860.6659090367926  
FV at Mutated Child #2 at Generation # 3 : 241.61173984586438  
--> Family: # 32

FV at Mutated Child #1 at Generation # 3 : 21.903853540382816  
FV at Mutated Child #2 at Generation # 3 : 1518.1885314626707  
--> Family: # 33

FV at Mutated Child #1 at Generation # 3 : 33.33947882962166  
FV at Mutated Child #2 at Generation # 3 : 765.0268447718179  
--> Family: # 34

FV at Mutated Child #1 at Generation # 3 : 114.62545582854898  
FV at Mutated Child #2 at Generation # 3 : 438.139632243354  
--> Family: # 35

FV at Mutated Child #1 at Generation # 3 : 611.4443818413458  
FV at Mutated Child #2 at Generation # 3 : 25.59075090893662  
--> Family: # 36

FV at Mutated Child #1 at Generation # 3 : 676.6173219071973  
FV at Mutated Child #2 at Generation # 3 : 1971.376241653881  
--> Family: # 37

FV at Mutated Child #1 at Generation # 3 : 4.22976850402149  
FV at Mutated Child #2 at Generation # 3 : 2.326153899832494  
--> Family: # 38

FV at Mutated Child #1 at Generation # 3 : 31.932769710566287  
FV at Mutated Child #2 at Generation # 3 : 221.3646630648785  
--> Family: # 39

FV at Mutated Child #1 at Generation # 3 : 604.6060367616277  
FV at Mutated Child #2 at Generation # 3 : 473.91916870561477  
--> Family: # 40

FV at Mutated Child #1 at Generation # 3 : 6.746233268719906  
FV at Mutated Child #2 at Generation # 3 : 1.6307248620410264  
--> Family: # 41

FV at Mutated Child #1 at Generation # 3 : 551.6489794111242  
FV at Mutated Child #2 at Generation # 3 : 1274.1366851154496  
--> Family: # 42

FV at Mutated Child #1 at Generation # 3 : 1308.7753108132301  
FV at Mutated Child #2 at Generation # 3 : 1016.2208509256844  
--> Family: # 43

FV at Mutated Child #1 at Generation # 3 : 2280.0251050955594  
FV at Mutated Child #2 at Generation # 3 : 803.8986616997805  
--> Family: # 44

FV at Mutated Child #1 at Generation # 3 : 16.44132880865967  
FV at Mutated Child #2 at Generation # 3 : 154.95741767692445  
--> Family: # 45

FV at Mutated Child #1 at Generation # 3 : 7.953776322891171  
FV at Mutated Child #2 at Generation # 3 : 61.631621556950435  
--> Family: # 46

FV at Mutated Child #1 at Generation # 3 : 60.54378142847256  
FV at Mutated Child #2 at Generation # 3 : 1002.386643140784  
--> Family: # 47

FV at Mutated Child #1 at Generation # 3 : 2110.738016685064  
FV at Mutated Child #2 at Generation # 3 : 1037.5133286107268  
--> Family: # 48

FV at Mutated Child #1 at Generation # 3 : 4.428704524646183  
FV at Mutated Child #2 at Generation # 3 : 196.27276242708075  
--> Family: # 49

FV at Mutated Child #1 at Generation # 3 : 17.761907133041156  
FV at Mutated Child #2 at Generation # 3 : 166.36711725779173  
--> Family: # 50

FV at Mutated Child #1 at Generation # 3 : 153.70172646691265  
FV at Mutated Child #2 at Generation # 3 : 13.729715669636427  
--> Family: # 51

FV at Mutated Child #1 at Generation # 3 : 1099.0617152845184  
FV at Mutated Child #2 at Generation # 3 : 201.02138835381777  
--> Family: # 52

FV at Mutated Child #1 at Generation # 3 : 480.83423389577115  
FV at Mutated Child #2 at Generation # 3 : 49.81680305637816  
--> Family: # 53

FV at Mutated Child #1 at Generation # 3 : 111.8539340945769



FV at Mutated Child #2 at Generation # 3 : 431.7210360494178  
--> Family: # 54

FV at Mutated Child #1 at Generation # 3 : 539.0608262346868  
FV at Mutated Child #2 at Generation # 3 : 4244.724732004816  
--> Family: # 55

FV at Mutated Child #1 at Generation # 3 : 178.0507329728109  
FV at Mutated Child #2 at Generation # 3 : 0.007026102139009082  
--> Family: # 56

FV at Mutated Child #1 at Generation # 3 : 237.7995231904204  
FV at Mutated Child #2 at Generation # 3 : 2440.151992376258  
--> Family: # 57

FV at Mutated Child #1 at Generation # 3 : 793.4184072155286  
FV at Mutated Child #2 at Generation # 3 : 301.8976605981964  
--> Family: # 58

FV at Mutated Child #1 at Generation # 3 : 10.751945911568118  
FV at Mutated Child #2 at Generation # 3 : 29.48232997909073  
--> Family: # 59

FV at Mutated Child #1 at Generation # 3 : 4481.863750465195  
FV at Mutated Child #2 at Generation # 3 : 206.24620182720759  
--> Family: # 60

FV at Mutated Child #1 at Generation # 3 : 101.6728920395716  
FV at Mutated Child #2 at Generation # 3 : 877.4451480660842  
--> Family: # 61

FV at Mutated Child #1 at Generation # 3 : 14.89473090511961  
FV at Mutated Child #2 at Generation # 3 : 219.19539305667206  
--> Family: # 62

FV at Mutated Child #1 at Generation # 3 : 6.983263293844153  
FV at Mutated Child #2 at Generation # 3 : 11.872404028369239  
--> Family: # 63

FV at Mutated Child #1 at Generation # 3 : 92.70824385021741  
FV at Mutated Child #2 at Generation # 3 : 43.903309860512806  
--> Family: # 64

FV at Mutated Child #1 at Generation # 3 : 150.92776476358736  
FV at Mutated Child #2 at Generation # 3 : 4.943382186191423  
--> Family: # 65

FV at Mutated Child #1 at Generation # 3 : 1684.4307351211928  
FV at Mutated Child #2 at Generation # 3 : 10.417679609645702  
--> Family: # 66

FV at Mutated Child #1 at Generation # 3 : 100.34022805981124  
FV at Mutated Child #2 at Generation # 3 : 19.09623861826805  
--> Family: # 67

FV at Mutated Child #1 at Generation # 3 : 26.17907018251349  
FV at Mutated Child #2 at Generation # 3 : 103.20361709096451  
--> Family: # 68

FV at Mutated Child #1 at Generation # 3 : 213.66175276091266  
FV at Mutated Child #2 at Generation # 3 : 24.492308495028116

--> Family: # 69

FV at Mutated Child #1 at Generation # 3 : 19.560368460346766

FV at Mutated Child #2 at Generation # 3 : 1995.0987134138832

--> Family: # 70

FV at Mutated Child #1 at Generation # 3 : 1562.305630560854

FV at Mutated Child #2 at Generation # 3 : 654.7164559878688

--> Family: # 71

FV at Mutated Child #1 at Generation # 3 : 1184.2110938174774

FV at Mutated Child #2 at Generation # 3 : 1266.2477945744401

--> Family: # 72

FV at Mutated Child #1 at Generation # 3 : 25.85736052002581

FV at Mutated Child #2 at Generation # 3 : 105.78762793257678

--> Family: # 73

FV at Mutated Child #1 at Generation # 3 : 454.1410380272305

FV at Mutated Child #2 at Generation # 3 : 1217.7818839108788

--> Family: # 74

FV at Mutated Child #1 at Generation # 3 : 328.7363879471167

FV at Mutated Child #2 at Generation # 3 : 46071.56633470698

--> Family: # 75

FV at Mutated Child #1 at Generation # 3 : 89.17836535988019

FV at Mutated Child #2 at Generation # 3 : 215.02508051512757

--> Family: # 76

FV at Mutated Child #1 at Generation # 3 : 346.1820939621054

FV at Mutated Child #2 at Generation # 3 : 211.72994732116388

--> Family: # 77

FV at Mutated Child #1 at Generation # 3 : 2902.619585777001

FV at Mutated Child #2 at Generation # 3 : 2879.3615751172583

--> Family: # 78

FV at Mutated Child #1 at Generation # 3 : 2351.6151975196854

FV at Mutated Child #2 at Generation # 3 : 253.958268920372

--> Family: # 79

FV at Mutated Child #1 at Generation # 3 : 23.690311995438712

FV at Mutated Child #2 at Generation # 3 : 57.28187207506065

--> Family: # 80

FV at Mutated Child #1 at Generation # 3 : 313.3822727130134

FV at Mutated Child #2 at Generation # 3 : 537.1592164043406

--> Generation: # 4

--> Family: # 1

FV at Mutated Child #1 at Generation # 4 : 89.63875814292057

FV at Mutated Child #2 at Generation # 4 : 61.49654091107215

--> Family: # 2

FV at Mutated Child #1 at Generation # 4 : 498.6437069962546

FV at Mutated Child #2 at Generation # 4 : 34.50258948207728

--> Family: # 3

FV at Mutated Child #1 at Generation # 4 : 305.55403829524266

FV at Mutated Child #2 at Generation # 4 : 298.7633231261604

--> Family: # 4

FV at Mutated Child #1 at Generation # 4 : 2531.4782422048424

FV at Mutated Child #2 at Generation # 4 : 661.655596506358

--> Family: # 5

FV at Mutated Child #1 at Generation # 4 : 94.85954678991219

FV at Mutated Child #2 at Generation # 4 : 66.4839726578739

--> Family: # 6

FV at Mutated Child #1 at Generation # 4 : 0.10026250526401

FV at Mutated Child #2 at Generation # 4 : 5.812075648752923

--> Family: # 7

FV at Mutated Child #1 at Generation # 4 : 18.54353661470506

FV at Mutated Child #2 at Generation # 4 : 541.8616473397963

--> Family: # 8

FV at Mutated Child #1 at Generation # 4 : 21.33239001594438

FV at Mutated Child #2 at Generation # 4 : 23.168656697777894

--> Family: # 9

FV at Mutated Child #1 at Generation # 4 : 280.2010432480985

FV at Mutated Child #2 at Generation # 4 : 3.0355127076657404

--> Family: # 10

FV at Mutated Child #1 at Generation # 4 : 43763.422612448325

FV at Mutated Child #2 at Generation # 4 : 23426.801607018297

--> Family: # 11

FV at Mutated Child #1 at Generation # 4 : 76.81584960282105

FV at Mutated Child #2 at Generation # 4 : 116.69451785994862

--> Family: # 12

FV at Mutated Child #1 at Generation # 4 : 518.8187208025483

FV at Mutated Child #2 at Generation # 4 : 35.82697803659936

--> Family: # 13

FV at Mutated Child #1 at Generation # 4 : 5.276090077440399

FV at Mutated Child #2 at Generation # 4 : 864.9438830558325

--> Family: # 14

FV at Mutated Child #1 at Generation # 4 : 16.44132880865967

FV at Mutated Child #2 at Generation # 4 : 36.77137836626604

--> Family: # 15

FV at Mutated Child #1 at Generation # 4 : 26.251318479018757

FV at Mutated Child #2 at Generation # 4 : 5.455808040802322

--> Family: # 16

FV at Mutated Child #1 at Generation # 4 : 456.7123104821844

FV at Mutated Child #2 at Generation # 4 : 43.278020352979325

--> Family: # 17

FV at Mutated Child #1 at Generation # 4 : 66.9053821926682

FV at Mutated Child #2 at Generation # 4 : 449.3649260220815

--> Family: # 18

FV at Mutated Child #1 at Generation # 4 : 8.214397474287322

FV at Mutated Child #2 at Generation # 4 : 333.4589277302185

--> Family: # 19

FV at Mutated Child #1 at Generation # 4 : 307.24325687671796  
FV at Mutated Child #2 at Generation # 4 : 148.4225803247878  
--> Family: # 20

FV at Mutated Child #1 at Generation # 4 : 60.816516950887085  
FV at Mutated Child #2 at Generation # 4 : 92.44590660342065  
--> Family: # 21

FV at Mutated Child #1 at Generation # 4 : 293.6139749660277  
FV at Mutated Child #2 at Generation # 4 : 326.3840592535402  
--> Family: # 22

FV at Mutated Child #1 at Generation # 4 : 340.7233052184816  
FV at Mutated Child #2 at Generation # 4 : 189.3531126920179  
--> Family: # 23

FV at Mutated Child #1 at Generation # 4 : 6.452958987722789  
FV at Mutated Child #2 at Generation # 4 : 21.878996807999524  
--> Family: # 24

FV at Mutated Child #1 at Generation # 4 : 287.2174709333116  
FV at Mutated Child #2 at Generation # 4 : 852.7711178139892  
--> Family: # 25

FV at Mutated Child #1 at Generation # 4 : 1524.6616298890544  
FV at Mutated Child #2 at Generation # 4 : 1713.4391056720633  
--> Family: # 26

FV at Mutated Child #1 at Generation # 4 : 4.793769440031798  
FV at Mutated Child #2 at Generation # 4 : 410.8697547619105  
--> Family: # 27

FV at Mutated Child #1 at Generation # 4 : 2138.0559845913594  
FV at Mutated Child #2 at Generation # 4 : 1305.5819454943016  
--> Family: # 28

FV at Mutated Child #1 at Generation # 4 : 1011.7287633777828  
FV at Mutated Child #2 at Generation # 4 : 7.21469546420025  
--> Family: # 29

FV at Mutated Child #1 at Generation # 4 : 1845.413945454604  
FV at Mutated Child #2 at Generation # 4 : 1092.9238991467967  
--> Family: # 30

FV at Mutated Child #1 at Generation # 4 : 348.43256333230477  
FV at Mutated Child #2 at Generation # 4 : 161.75621732139527  
--> Family: # 31

FV at Mutated Child #1 at Generation # 4 : 1738.3807440862308  
FV at Mutated Child #2 at Generation # 4 : 285.99875894985394  
--> Family: # 32

FV at Mutated Child #1 at Generation # 4 : 286.35866357972844  
FV at Mutated Child #2 at Generation # 4 : 338.09137964841614  
--> Family: # 33

FV at Mutated Child #1 at Generation # 4 : 147.2230191442859  
FV at Mutated Child #2 at Generation # 4 : 1625.38562224395  
--> Family: # 34

FV at Mutated Child #1 at Generation # 4 : 4.736787121028136  
FV at Mutated Child #2 at Generation # 4 : 5.857674002433193  
--> Family: # 35

FV at Mutated Child #1 at Generation # 4 : 47641.11680094552  
FV at Mutated Child #2 at Generation # 4 : 57774.31843741168  
--> Family: # 36

FV at Mutated Child #1 at Generation # 4 : 300.3059208518553  
FV at Mutated Child #2 at Generation # 4 : 640.4042885365346  
--> Family: # 37

FV at Mutated Child #1 at Generation # 4 : 940.281359908638  
FV at Mutated Child #2 at Generation # 4 : 5.850753941946154  
--> Family: # 38

FV at Mutated Child #1 at Generation # 4 : 139.14984150999754  
FV at Mutated Child #2 at Generation # 4 : 19.637243959864684  
--> Family: # 39

FV at Mutated Child #1 at Generation # 4 : 371.637016548954  
FV at Mutated Child #2 at Generation # 4 : 519.0705749902248  
--> Family: # 40

FV at Mutated Child #1 at Generation # 4 : 78.5700121508534  
FV at Mutated Child #2 at Generation # 4 : 88.87736003338999  
--> Family: # 41

FV at Mutated Child #1 at Generation # 4 : 0.27620138886569895  
FV at Mutated Child #2 at Generation # 4 : 138.60195626413795  
--> Family: # 42

FV at Mutated Child #1 at Generation # 4 : 675.6754554158073  
FV at Mutated Child #2 at Generation # 4 : 526.711479511555  
--> Family: # 43

FV at Mutated Child #1 at Generation # 4 : 1496.1024152897628  
FV at Mutated Child #2 at Generation # 4 : 9.606903000254992  
--> Family: # 44

FV at Mutated Child #1 at Generation # 4 : 0.6950288695609275  
FV at Mutated Child #2 at Generation # 4 : 1273.467265249449  
--> Family: # 45

FV at Mutated Child #1 at Generation # 4 : 602.6560277165275  
FV at Mutated Child #2 at Generation # 4 : 2023.1066121565304  
--> Family: # 46

FV at Mutated Child #1 at Generation # 4 : 606.8395301483271  
FV at Mutated Child #2 at Generation # 4 : 62.69427591207023  
--> Family: # 47

FV at Mutated Child #1 at Generation # 4 : 2.907880655561497  
FV at Mutated Child #2 at Generation # 4 : 7.499045998423212  
--> Family: # 48

FV at Mutated Child #1 at Generation # 4 : 208.229486861484  
FV at Mutated Child #2 at Generation # 4 : 30.17181428231724  
--> Family: # 49

FV at Mutated Child #1 at Generation # 4 : 3.945292092035577

FV at Mutated Child #2 at Generation # 4 : 124.69173357298293  
--> Family: # 50

FV at Mutated Child #1 at Generation # 4 : 101.99672040541856  
FV at Mutated Child #2 at Generation # 4 : 251.0391650315851  
--> Family: # 51

FV at Mutated Child #1 at Generation # 4 : 65.38590729072413  
FV at Mutated Child #2 at Generation # 4 : 72.3928712991577  
--> Family: # 52

FV at Mutated Child #1 at Generation # 4 : 421.03119488528836  
FV at Mutated Child #2 at Generation # 4 : 244.77433344299004  
--> Family: # 53

FV at Mutated Child #1 at Generation # 4 : 466.4129556841865  
FV at Mutated Child #2 at Generation # 4 : 540.5965848617695  
--> Family: # 54

FV at Mutated Child #1 at Generation # 4 : 18.600797124512514  
FV at Mutated Child #2 at Generation # 4 : 0.5495874077183556  
--> Family: # 55

FV at Mutated Child #1 at Generation # 4 : 69.3905494056732  
FV at Mutated Child #2 at Generation # 4 : 14.89473090511961  
--> Family: # 56

FV at Mutated Child #1 at Generation # 4 : 272.01366278549284  
FV at Mutated Child #2 at Generation # 4 : 238.7452145728709  
--> Family: # 57

FV at Mutated Child #1 at Generation # 4 : 32.665834223639344  
FV at Mutated Child #2 at Generation # 4 : 1.411874875364972  
--> Family: # 58

FV at Mutated Child #1 at Generation # 4 : 74.46594398416626  
FV at Mutated Child #2 at Generation # 4 : 71.72990076908886  
--> Family: # 59

FV at Mutated Child #1 at Generation # 4 : 830.8710665840309  
FV at Mutated Child #2 at Generation # 4 : 82.21768959426801  
--> Family: # 60

FV at Mutated Child #1 at Generation # 4 : 362.67186560006223  
FV at Mutated Child #2 at Generation # 4 : 87.2665922829916  
--> Family: # 61

FV at Mutated Child #1 at Generation # 4 : 108.6298623001618  
FV at Mutated Child #2 at Generation # 4 : 202.43320305693052  
--> Family: # 62

FV at Mutated Child #1 at Generation # 4 : 1150.4074462761653  
FV at Mutated Child #2 at Generation # 4 : 2301.847412122876  
--> Family: # 63

FV at Mutated Child #1 at Generation # 4 : 12.233116840466206  
FV at Mutated Child #2 at Generation # 4 : 143.87886252935192  
--> Family: # 64

FV at Mutated Child #1 at Generation # 4 : 3.38365667606631  
FV at Mutated Child #2 at Generation # 4 : 4.585220949181351

--> Family: # 65

FV at Mutated Child #1 at Generation # 4 : 13.280654344875217

FV at Mutated Child #2 at Generation # 4 : 115.06621119998852

--> Family: # 66

FV at Mutated Child #1 at Generation # 4 : 441.80496766084565

FV at Mutated Child #2 at Generation # 4 : 1253.7576796549015

--> Family: # 67

FV at Mutated Child #1 at Generation # 4 : 138.9612466876816

FV at Mutated Child #2 at Generation # 4 : 238.05761870673962

--> Family: # 68

FV at Mutated Child #1 at Generation # 4 : 148.394984817626

FV at Mutated Child #2 at Generation # 4 : 442.02181773115893

--> Family: # 69

FV at Mutated Child #1 at Generation # 4 : 4.5494617113703075

FV at Mutated Child #2 at Generation # 4 : 155.45154859767644

--> Family: # 70

FV at Mutated Child #1 at Generation # 4 : 1.5273636420161334

FV at Mutated Child #2 at Generation # 4 : 9.77097530155415

--> Family: # 71

FV at Mutated Child #1 at Generation # 4 : 56.443488557612355

FV at Mutated Child #2 at Generation # 4 : 55.680937060402336

--> Family: # 72

FV at Mutated Child #1 at Generation # 4 : 295.44622344399124

FV at Mutated Child #2 at Generation # 4 : 276.3200221902368

--> Family: # 73

FV at Mutated Child #1 at Generation # 4 : 14.567795073179948

FV at Mutated Child #2 at Generation # 4 : 19.352133411243084

--> Family: # 74

FV at Mutated Child #1 at Generation # 4 : 5.390347311426847

FV at Mutated Child #2 at Generation # 4 : 75.73568231516423

--> Family: # 75

FV at Mutated Child #1 at Generation # 4 : 181.40392074406734

FV at Mutated Child #2 at Generation # 4 : 716.6870406577744

--> Family: # 76

FV at Mutated Child #1 at Generation # 4 : 2004.0173816797947

FV at Mutated Child #2 at Generation # 4 : 72.29999297477843

--> Family: # 77

FV at Mutated Child #1 at Generation # 4 : 2771.33157070023

FV at Mutated Child #2 at Generation # 4 : 1625.607465773432

--> Family: # 78

FV at Mutated Child #1 at Generation # 4 : 12.92114950866634

FV at Mutated Child #2 at Generation # 4 : 35.44845660929186

--> Family: # 79

FV at Mutated Child #1 at Generation # 4 : 193.3459158447874

FV at Mutated Child #2 at Generation # 4 : 98.16717784922834

--> Family: # 80

FV at Mutated Child #1 at Generation # 4 : 0.7716196406106104  
FV at Mutated Child #2 at Generation # 4 : 184.88819500723056  
--> Generation: # 5  
--> Family: # 1

FV at Mutated Child #1 at Generation # 5 : 275.065891096545  
FV at Mutated Child #2 at Generation # 5 : 158.48226159276638  
--> Family: # 2

FV at Mutated Child #1 at Generation # 5 : 1210.9638606921712  
FV at Mutated Child #2 at Generation # 5 : 214.98623827228374  
--> Family: # 3

FV at Mutated Child #1 at Generation # 5 : 24.377919981732713  
FV at Mutated Child #2 at Generation # 5 : 86.07384670149102  
--> Family: # 4

FV at Mutated Child #1 at Generation # 5 : 210.64326657446466  
FV at Mutated Child #2 at Generation # 5 : 25.04165141431231  
--> Family: # 5

FV at Mutated Child #1 at Generation # 5 : 163.53333481785123  
FV at Mutated Child #2 at Generation # 5 : 32.024134785542365  
--> Family: # 6

FV at Mutated Child #1 at Generation # 5 : 869.5101937845719  
FV at Mutated Child #2 at Generation # 5 : 138.61429391441234  
--> Family: # 7

FV at Mutated Child #1 at Generation # 5 : 1985.2677795836553  
FV at Mutated Child #2 at Generation # 5 : 1437.5717913231877  
--> Family: # 8

FV at Mutated Child #1 at Generation # 5 : 26.601591037587855  
FV at Mutated Child #2 at Generation # 5 : 38.68090022440906  
--> Family: # 9

FV at Mutated Child #1 at Generation # 5 : 62.58180169379689  
FV at Mutated Child #2 at Generation # 5 : 148.704648746013  
--> Family: # 10

FV at Mutated Child #1 at Generation # 5 : 40.35325579625425  
FV at Mutated Child #2 at Generation # 5 : 25.385264407463396  
--> Family: # 11

FV at Mutated Child #1 at Generation # 5 : 18.77072409147338  
FV at Mutated Child #2 at Generation # 5 : 29.927358430227017  
--> Family: # 12

FV at Mutated Child #1 at Generation # 5 : 8.264149109366627  
FV at Mutated Child #2 at Generation # 5 : 23.986062030806423  
--> Family: # 13

FV at Mutated Child #1 at Generation # 5 : 295.85866450258425  
FV at Mutated Child #2 at Generation # 5 : 50.98361943266985  
--> Family: # 14

FV at Mutated Child #1 at Generation # 5 : 699.310993636059  
FV at Mutated Child #2 at Generation # 5 : 82.6151585055086  
--> Family: # 15



FV at Mutated Child #1 at Generation # 5 : 66.93839051901321  
FV at Mutated Child #2 at Generation # 5 : 314.965421256255  
--> Family: # 16

FV at Mutated Child #1 at Generation # 5 : 24941.832924773415  
FV at Mutated Child #2 at Generation # 5 : 41897.865542427164  
--> Family: # 17

FV at Mutated Child #1 at Generation # 5 : 271.224762571209  
FV at Mutated Child #2 at Generation # 5 : 2.5131826668694814  
--> Family: # 18

FV at Mutated Child #1 at Generation # 5 : 157.8597883835608  
FV at Mutated Child #2 at Generation # 5 : 13.578894650914584  
--> Family: # 19

FV at Mutated Child #1 at Generation # 5 : 82.93923197094847  
FV at Mutated Child #2 at Generation # 5 : 15.664297971135333  
--> Family: # 20

FV at Mutated Child #1 at Generation # 5 : 39008.00120985539  
FV at Mutated Child #2 at Generation # 5 : 19338.40975487083  
--> Family: # 21

FV at Mutated Child #1 at Generation # 5 : 104.2170475510419  
FV at Mutated Child #2 at Generation # 5 : 28.85543412610006  
--> Family: # 22

FV at Mutated Child #1 at Generation # 5 : 1174.5042290212193  
FV at Mutated Child #2 at Generation # 5 : 347.22390405074134  
--> Family: # 23

FV at Mutated Child #1 at Generation # 5 : 54.29951737883069  
FV at Mutated Child #2 at Generation # 5 : 5.785157422031941  
--> Family: # 24

FV at Mutated Child #1 at Generation # 5 : 98.58275778959018  
FV at Mutated Child #2 at Generation # 5 : 1.8901205043543396  
--> Family: # 25

FV at Mutated Child #1 at Generation # 5 : 1.9175685307851524  
FV at Mutated Child #2 at Generation # 5 : 439.80356006865236  
--> Family: # 26

FV at Mutated Child #1 at Generation # 5 : 22.135861431281217  
FV at Mutated Child #2 at Generation # 5 : 11.249252474312497  
--> Family: # 27

FV at Mutated Child #1 at Generation # 5 : 76.71287983115154  
FV at Mutated Child #2 at Generation # 5 : 93.80700861981161  
--> Family: # 28

FV at Mutated Child #1 at Generation # 5 : 198.04535737044094  
FV at Mutated Child #2 at Generation # 5 : 28.898482054031128  
--> Family: # 29

FV at Mutated Child #1 at Generation # 5 : 0.3643183170755513  
FV at Mutated Child #2 at Generation # 5 : 49.46621667461937  
--> Family: # 30

FV at Mutated Child #1 at Generation # 5 : 241.1764230427785  
FV at Mutated Child #2 at Generation # 5 : 7.388502030294434  
--> Family: # 31

FV at Mutated Child #1 at Generation # 5 : 22.72578118458624  
FV at Mutated Child #2 at Generation # 5 : 224.58754720464478  
--> Family: # 32

FV at Mutated Child #1 at Generation # 5 : 108.92776565579753  
FV at Mutated Child #2 at Generation # 5 : 245.19748521493005  
--> Family: # 33

FV at Mutated Child #1 at Generation # 5 : 2164.45628893408  
FV at Mutated Child #2 at Generation # 5 : 2054.78668707775  
--> Family: # 34

FV at Mutated Child #1 at Generation # 5 : 484.8011628528801  
FV at Mutated Child #2 at Generation # 5 : 15.614529415370425  
--> Family: # 35

FV at Mutated Child #1 at Generation # 5 : 7.638649298788055  
FV at Mutated Child #2 at Generation # 5 : 982.6502452534559  
--> Family: # 36

FV at Mutated Child #1 at Generation # 5 : 16.207151287108164  
FV at Mutated Child #2 at Generation # 5 : 35.19193209557471  
--> Family: # 37

FV at Mutated Child #1 at Generation # 5 : 779.9346404229703  
FV at Mutated Child #2 at Generation # 5 : 3126.0359461573053  
--> Family: # 38

FV at Mutated Child #1 at Generation # 5 : 227.30455723612747  
FV at Mutated Child #2 at Generation # 5 : 803.325926963647  
--> Family: # 39

FV at Mutated Child #1 at Generation # 5 : 194.87239804045626  
FV at Mutated Child #2 at Generation # 5 : 43.12130291012074  
--> Family: # 40

FV at Mutated Child #1 at Generation # 5 : 45.49336662486692  
FV at Mutated Child #2 at Generation # 5 : 266.5623502451122  
--> Family: # 41

FV at Mutated Child #1 at Generation # 5 : 179.04519584265452  
FV at Mutated Child #2 at Generation # 5 : 135.70301685701062  
--> Family: # 42

FV at Mutated Child #1 at Generation # 5 : 161.18924720917664  
FV at Mutated Child #2 at Generation # 5 : 56.353859367497904  
--> Family: # 43

FV at Mutated Child #1 at Generation # 5 : 63.15134455133726  
FV at Mutated Child #2 at Generation # 5 : 15.05927821978593  
--> Family: # 44

FV at Mutated Child #1 at Generation # 5 : 77.30938695944619  
FV at Mutated Child #2 at Generation # 5 : 719.1751036921852  
--> Family: # 45

FV at Mutated Child #1 at Generation # 5 : 448.0168151006837

FV at Mutated Child #2 at Generation # 5 : 378.17183353489617  
--> Family: # 46

FV at Mutated Child #1 at Generation # 5 : 493.9599883953429  
FV at Mutated Child #2 at Generation # 5 : 164.69772350226032  
--> Family: # 47

FV at Mutated Child #1 at Generation # 5 : 218.04052829273024  
FV at Mutated Child #2 at Generation # 5 : 22.530407485226313  
--> Family: # 48

FV at Mutated Child #1 at Generation # 5 : 4.918614402619854  
FV at Mutated Child #2 at Generation # 5 : 2.896021695614826  
--> Family: # 49

FV at Mutated Child #1 at Generation # 5 : 14.121081311250899  
FV at Mutated Child #2 at Generation # 5 : 11.097035967488033  
--> Family: # 50

FV at Mutated Child #1 at Generation # 5 : 959.7166750179034  
FV at Mutated Child #2 at Generation # 5 : 52.28294321182795  
--> Family: # 51

FV at Mutated Child #1 at Generation # 5 : 57.11199055696373  
FV at Mutated Child #2 at Generation # 5 : 6.542998527940073  
--> Family: # 52

FV at Mutated Child #1 at Generation # 5 : 639.469808437549  
FV at Mutated Child #2 at Generation # 5 : 106.28999847823944  
--> Family: # 53

FV at Mutated Child #1 at Generation # 5 : 55.020337154563855  
FV at Mutated Child #2 at Generation # 5 : 10.051312226273955  
--> Family: # 54

FV at Mutated Child #1 at Generation # 5 : 2.0966876145156625  
FV at Mutated Child #2 at Generation # 5 : 353.1023131112048  
--> Family: # 55

FV at Mutated Child #1 at Generation # 5 : 119.70034510695274  
FV at Mutated Child #2 at Generation # 5 : 49.425497864444374  
--> Family: # 56

FV at Mutated Child #1 at Generation # 5 : 172.88231940392043  
FV at Mutated Child #2 at Generation # 5 : 2682.8621996572997  
--> Family: # 57

FV at Mutated Child #1 at Generation # 5 : 1620.2052706848117  
FV at Mutated Child #2 at Generation # 5 : 1707.5117476103649  
--> Family: # 58

FV at Mutated Child #1 at Generation # 5 : 13.1877317910119  
FV at Mutated Child #2 at Generation # 5 : 25.983378315793136  
--> Family: # 59

FV at Mutated Child #1 at Generation # 5 : 72.85820663090585  
FV at Mutated Child #2 at Generation # 5 : 4.167933434172473  
--> Family: # 60

FV at Mutated Child #1 at Generation # 5 : 495.535236752362  
FV at Mutated Child #2 at Generation # 5 : 10.640610867149494

--> Family: # 61

FV at Mutated Child #1 at Generation # 5 : 624.8506739999552

FV at Mutated Child #2 at Generation # 5 : 1418.668216916552

--> Family: # 62

FV at Mutated Child #1 at Generation # 5 : 77.11126014643692

FV at Mutated Child #2 at Generation # 5 : 64.88214099262814

--> Family: # 63

FV at Mutated Child #1 at Generation # 5 : 35.555559141925166

FV at Mutated Child #2 at Generation # 5 : 322.2095043368992

--> Family: # 64

FV at Mutated Child #1 at Generation # 5 : 717.3030402895236

FV at Mutated Child #2 at Generation # 5 : 33.59363333934842

--> Family: # 65

FV at Mutated Child #1 at Generation # 5 : 270.45470399151003

FV at Mutated Child #2 at Generation # 5 : 99.8029661467151

--> Family: # 66

FV at Mutated Child #1 at Generation # 5 : 44904.06086181429

FV at Mutated Child #2 at Generation # 5 : 52926.86779574239

--> Family: # 67

FV at Mutated Child #1 at Generation # 5 : 1022.9035616361755

FV at Mutated Child #2 at Generation # 5 : 687.8881291820147

--> Family: # 68

FV at Mutated Child #1 at Generation # 5 : 58.08097788193509

FV at Mutated Child #2 at Generation # 5 : 25.192869220487932

--> Family: # 69

FV at Mutated Child #1 at Generation # 5 : 121.79257779192795

FV at Mutated Child #2 at Generation # 5 : 74.03938795645621

--> Family: # 70

FV at Mutated Child #1 at Generation # 5 : 14.258931871749128

FV at Mutated Child #2 at Generation # 5 : 54.932365568256635

--> Family: # 71

FV at Mutated Child #1 at Generation # 5 : 6.8399262906134926

FV at Mutated Child #2 at Generation # 5 : 0.1514510364534472

--> Family: # 72

FV at Mutated Child #1 at Generation # 5 : 0.6412339378529074

FV at Mutated Child #2 at Generation # 5 : 796.7530447953585

--> Family: # 73

FV at Mutated Child #1 at Generation # 5 : 105.53688980374072

FV at Mutated Child #2 at Generation # 5 : 2619.111789420816

--> Family: # 74

FV at Mutated Child #1 at Generation # 5 : 1183.9768878363311

FV at Mutated Child #2 at Generation # 5 : 144.7366377670391

--> Family: # 75

FV at Mutated Child #1 at Generation # 5 : 9.77097530155415

FV at Mutated Child #2 at Generation # 5 : 70.13255875421066

--> Family: # 76

FV at Mutated Child #1 at Generation # 5 : 58.69597907245635  
FV at Mutated Child #2 at Generation # 5 : 13.11285242025072  
--> Family: # 77

FV at Mutated Child #1 at Generation # 5 : 1531.6105746551034  
FV at Mutated Child #2 at Generation # 5 : 572.0791893534932  
--> Family: # 78

FV at Mutated Child #1 at Generation # 5 : 54.42490133877028  
FV at Mutated Child #2 at Generation # 5 : 124.23232443233749  
--> Family: # 79

FV at Mutated Child #1 at Generation # 5 : 44.11006645833649  
FV at Mutated Child #2 at Generation # 5 : 0.10026250526401  
--> Family: # 80

FV at Mutated Child #1 at Generation # 5 : 55.62981875300354  
FV at Mutated Child #2 at Generation # 5 : 1494.2814352115874  
--> Generation: # 6  
--> Family: # 1

FV at Mutated Child #1 at Generation # 6 : 2.5965669659534534  
FV at Mutated Child #2 at Generation # 6 : 494.6869315784216  
--> Family: # 2

FV at Mutated Child #1 at Generation # 6 : 67.22447303253628  
FV at Mutated Child #2 at Generation # 6 : 161.63491548170154  
--> Family: # 3

FV at Mutated Child #1 at Generation # 6 : 235.44732088302197  
FV at Mutated Child #2 at Generation # 6 : 5.649008288608699  
--> Family: # 4

FV at Mutated Child #1 at Generation # 6 : 238.79570058610653  
FV at Mutated Child #2 at Generation # 6 : 452.8446622731478  
--> Family: # 5

FV at Mutated Child #1 at Generation # 6 : 10.477417061484417  
FV at Mutated Child #2 at Generation # 6 : 2.5302698558791206  
--> Family: # 6

FV at Mutated Child #1 at Generation # 6 : 3.3899714262955083  
FV at Mutated Child #2 at Generation # 6 : 68.80786587638308  
--> Family: # 7

FV at Mutated Child #1 at Generation # 6 : 2.304549503818496  
FV at Mutated Child #2 at Generation # 6 : 195.85472183362106  
--> Family: # 8

FV at Mutated Child #1 at Generation # 6 : 1.1990275909137222  
FV at Mutated Child #2 at Generation # 6 : 0.5322679200101443  
--> Family: # 9

FV at Mutated Child #1 at Generation # 6 : 14.196816737060121  
FV at Mutated Child #2 at Generation # 6 : 1.0171108274470129  
--> Family: # 10

FV at Mutated Child #1 at Generation # 6 : 4.750568960337419  
FV at Mutated Child #2 at Generation # 6 : 92.86709040866955  
--> Family: # 11

FV at Mutated Child #1 at Generation # 6 : 10.16546022345948  
FV at Mutated Child #2 at Generation # 6 : 0.7363795991230101  
--> Family: # 12

FV at Mutated Child #1 at Generation # 6 : 72.02308632949331  
FV at Mutated Child #2 at Generation # 6 : 111.48979142743909  
--> Family: # 13

FV at Mutated Child #1 at Generation # 6 : 45.842349778092924  
FV at Mutated Child #2 at Generation # 6 : 25.012562575354988  
--> Family: # 14

FV at Mutated Child #1 at Generation # 6 : 1.3827577708202508  
FV at Mutated Child #2 at Generation # 6 : 117.318319517481  
--> Family: # 15

FV at Mutated Child #1 at Generation # 6 : 1.9101620282825365  
FV at Mutated Child #2 at Generation # 6 : 0.6278596592108778  
--> Family: # 16

FV at Mutated Child #1 at Generation # 6 : 16.275410138526947  
FV at Mutated Child #2 at Generation # 6 : 1.3029495732902472  
--> Family: # 17

FV at Mutated Child #1 at Generation # 6 : 13.145928338658642  
FV at Mutated Child #2 at Generation # 6 : 2.180705986914513  
--> Family: # 18

FV at Mutated Child #1 at Generation # 6 : 3.4903745779591073  
FV at Mutated Child #2 at Generation # 6 : 145.91757920821266  
--> Family: # 19

FV at Mutated Child #1 at Generation # 6 : 82.0039727335685  
FV at Mutated Child #2 at Generation # 6 : 18.582700812316816  
--> Family: # 20

FV at Mutated Child #1 at Generation # 6 : 585.9764568922566  
FV at Mutated Child #2 at Generation # 6 : 2452.259823909556  
--> Family: # 21

FV at Mutated Child #1 at Generation # 6 : 25.79472579637987  
FV at Mutated Child #2 at Generation # 6 : 3.077418352876114  
--> Family: # 22

FV at Mutated Child #1 at Generation # 6 : 0.5158846088642551  
FV at Mutated Child #2 at Generation # 6 : 4.184326285435361  
--> Family: # 23

FV at Mutated Child #1 at Generation # 6 : 255.36851055958726  
FV at Mutated Child #2 at Generation # 6 : 580.2075952722934  
--> Family: # 24

FV at Mutated Child #1 at Generation # 6 : 0.8863103126188919  
FV at Mutated Child #2 at Generation # 6 : 3.2091579984417433  
--> Family: # 25

FV at Mutated Child #1 at Generation # 6 : 41.71991327736165  
FV at Mutated Child #2 at Generation # 6 : 9.863339161105305  
--> Family: # 26

FV at Mutated Child #1 at Generation # 6 : 18.941850207657065  
FV at Mutated Child #2 at Generation # 6 : 11.996181687518204  
--> Family: # 27

FV at Mutated Child #1 at Generation # 6 : 5.404722991372855  
FV at Mutated Child #2 at Generation # 6 : 90.31308338534622  
--> Family: # 28

FV at Mutated Child #1 at Generation # 6 : 144.60534352706648  
FV at Mutated Child #2 at Generation # 6 : 26.66279973075229  
--> Family: # 29

FV at Mutated Child #1 at Generation # 6 : 457.5493369452418  
FV at Mutated Child #2 at Generation # 6 : 26.453689653253953  
--> Family: # 30

FV at Mutated Child #1 at Generation # 6 : 254.1435547202289  
FV at Mutated Child #2 at Generation # 6 : 11.736218648269379  
--> Family: # 31

FV at Mutated Child #1 at Generation # 6 : 24.630110810352463  
FV at Mutated Child #2 at Generation # 6 : 138.0547216606621  
--> Family: # 32

FV at Mutated Child #1 at Generation # 6 : 25.120198075226185  
FV at Mutated Child #2 at Generation # 6 : 4.976426362271109  
--> Family: # 33

FV at Mutated Child #1 at Generation # 6 : 53.16897787570243  
FV at Mutated Child #2 at Generation # 6 : 11.799825298607477  
--> Family: # 34

FV at Mutated Child #1 at Generation # 6 : 534.3483431417603  
FV at Mutated Child #2 at Generation # 6 : 2519.8491193910113  
--> Family: # 35

FV at Mutated Child #1 at Generation # 6 : 5.112362721933826  
FV at Mutated Child #2 at Generation # 6 : 1.9101620282825365  
--> Family: # 36

FV at Mutated Child #1 at Generation # 6 : 0.5787056158513803  
FV at Mutated Child #2 at Generation # 6 : 482.0754995027079  
--> Family: # 37

FV at Mutated Child #1 at Generation # 6 : 5.46137039490019  
FV at Mutated Child #2 at Generation # 6 : 4.666230645651234  
--> Family: # 38

FV at Mutated Child #1 at Generation # 6 : 88.7441957237486  
FV at Mutated Child #2 at Generation # 6 : 129.5509021359736  
--> Family: # 39

FV at Mutated Child #1 at Generation # 6 : 22.935121783403176  
FV at Mutated Child #2 at Generation # 6 : 11.568789811229315  
--> Family: # 40

FV at Mutated Child #1 at Generation # 6 : 2.954912159255654  
FV at Mutated Child #2 at Generation # 6 : 554.4828110250548  
--> Family: # 41

FV at Mutated Child #1 at Generation # 6 : 17.430861769353267

FV at Mutated Child #2 at Generation # 6 : 207.2959355497256  
--> Family: # 42

FV at Mutated Child #1 at Generation # 6 : 126.65299586472035  
FV at Mutated Child #2 at Generation # 6 : 27.69248649954216  
--> Family: # 43

FV at Mutated Child #1 at Generation # 6 : 18.852529877884994  
FV at Mutated Child #2 at Generation # 6 : 4.661658210153042  
--> Family: # 44

FV at Mutated Child #1 at Generation # 6 : 264.4153476949748  
FV at Mutated Child #2 at Generation # 6 : 52.10045991102414  
--> Family: # 45

FV at Mutated Child #1 at Generation # 6 : 219.48750013740639  
FV at Mutated Child #2 at Generation # 6 : 299.22975099975713  
--> Family: # 46

FV at Mutated Child #1 at Generation # 6 : 119.60048719271371  
FV at Mutated Child #2 at Generation # 6 : 17.77721900394945  
--> Family: # 47

FV at Mutated Child #1 at Generation # 6 : 1.9324057844401001  
FV at Mutated Child #2 at Generation # 6 : 8.237354278149521  
--> Family: # 48

FV at Mutated Child #1 at Generation # 6 : 2112.8439638975537  
FV at Mutated Child #2 at Generation # 6 : 2293.05359859205  
--> Family: # 49

FV at Mutated Child #1 at Generation # 6 : 1.8447175226248138  
FV at Mutated Child #2 at Generation # 6 : 1.5693002464802939  
--> Family: # 50

FV at Mutated Child #1 at Generation # 6 : 159.42826920786158  
FV at Mutated Child #2 at Generation # 6 : 49.0667230891374  
--> Family: # 51

FV at Mutated Child #1 at Generation # 6 : 1.7460977803500608  
FV at Mutated Child #2 at Generation # 6 : 337.4924012742939  
--> Family: # 52

FV at Mutated Child #1 at Generation # 6 : 0.8265518543328263  
FV at Mutated Child #2 at Generation # 6 : 5.569346440557252  
--> Family: # 53

FV at Mutated Child #1 at Generation # 6 : 30.113551079206903  
FV at Mutated Child #2 at Generation # 6 : 23.986062030806423  
--> Family: # 54

FV at Mutated Child #1 at Generation # 6 : 189.90345938416172  
FV at Mutated Child #2 at Generation # 6 : 296.1856966869913  
--> Family: # 55

FV at Mutated Child #1 at Generation # 6 : 14.20716404396173  
FV at Mutated Child #2 at Generation # 6 : 78.22888285387133  
--> Family: # 56

FV at Mutated Child #1 at Generation # 6 : 19.066852992094788  
FV at Mutated Child #2 at Generation # 6 : 51.959253976760756



--> Family: # 57

FV at Mutated Child #1 at Generation # 6 : 2.9642528802833303

FV at Mutated Child #2 at Generation # 6 : 63.36888923756077

--> Family: # 58

FV at Mutated Child #1 at Generation # 6 : 611.831868640669

FV at Mutated Child #2 at Generation # 6 : 3650.1377401104146

--> Family: # 59

FV at Mutated Child #1 at Generation # 6 : 44.239014550704795

FV at Mutated Child #2 at Generation # 6 : 78.85865589640561

--> Family: # 60

FV at Mutated Child #1 at Generation # 6 : 29.164637378094397

FV at Mutated Child #2 at Generation # 6 : 6.032750567602306

--> Family: # 61

FV at Mutated Child #1 at Generation # 6 : 39.653286650509195

FV at Mutated Child #2 at Generation # 6 : 17.29028460171503

--> Family: # 62

FV at Mutated Child #1 at Generation # 6 : 38.85387134190074

FV at Mutated Child #2 at Generation # 6 : 15.757457204083682

--> Family: # 63

FV at Mutated Child #1 at Generation # 6 : 399.50943902303266

FV at Mutated Child #2 at Generation # 6 : 5.686994174604294

--> Family: # 64

FV at Mutated Child #1 at Generation # 6 : 102.60966113939477

FV at Mutated Child #2 at Generation # 6 : 24.109775791397052

--> Family: # 65

FV at Mutated Child #1 at Generation # 6 : 2071.1623940941995

FV at Mutated Child #2 at Generation # 6 : 1987.9634077606406

--> Family: # 66

FV at Mutated Child #1 at Generation # 6 : 113.28682102058306

FV at Mutated Child #2 at Generation # 6 : 47.16341570756331

--> Family: # 67

FV at Mutated Child #1 at Generation # 6 : 2.2086481130767

FV at Mutated Child #2 at Generation # 6 : 2.3777367164092955

--> Family: # 68

FV at Mutated Child #1 at Generation # 6 : 6.438967310205688

FV at Mutated Child #2 at Generation # 6 : 1.89212826365056

--> Family: # 69

FV at Mutated Child #1 at Generation # 6 : 267.0524552825416

FV at Mutated Child #2 at Generation # 6 : 71.35916488648856

--> Family: # 70

FV at Mutated Child #1 at Generation # 6 : 122.65891494555838

FV at Mutated Child #2 at Generation # 6 : 221.2694330064276

--> Family: # 71

FV at Mutated Child #1 at Generation # 6 : 35.23900174031198

FV at Mutated Child #2 at Generation # 6 : 57.965135980154315

--> Family: # 72

FV at Mutated Child #1 at Generation # 6 : 1.7927888587135068  
FV at Mutated Child #2 at Generation # 6 : 16.18924346489551  
--> Family: # 73

FV at Mutated Child #1 at Generation # 6 : 4.311276968249663  
FV at Mutated Child #2 at Generation # 6 : 2.1650140950025762  
--> Family: # 74

FV at Mutated Child #1 at Generation # 6 : 33424.936077060076  
FV at Mutated Child #2 at Generation # 6 : 47071.75726739477  
--> Family: # 75

FV at Mutated Child #1 at Generation # 6 : 639.1836782651344  
FV at Mutated Child #2 at Generation # 6 : 2.4265263757258393  
--> Family: # 76

FV at Mutated Child #1 at Generation # 6 : 123.01267322464183  
FV at Mutated Child #2 at Generation # 6 : 202.0350061691432  
--> Family: # 77

FV at Mutated Child #1 at Generation # 6 : 15.205900036308854  
FV at Mutated Child #2 at Generation # 6 : 151.65540988070327  
--> Family: # 78

FV at Mutated Child #1 at Generation # 6 : 81.82080967932272  
FV at Mutated Child #2 at Generation # 6 : 1.508129374164219  
--> Family: # 79

FV at Mutated Child #1 at Generation # 6 : 17.521244127228865  
FV at Mutated Child #2 at Generation # 6 : 1402.8005812682063  
--> Family: # 80

FV at Mutated Child #1 at Generation # 6 : 17.279241916446853  
FV at Mutated Child #2 at Generation # 6 : 0.8554568410024234  
--> Generation: # 7  
--> Family: # 1

FV at Mutated Child #1 at Generation # 7 : 253.958268920372  
FV at Mutated Child #2 at Generation # 7 : 1.0081176323584835  
--> Family: # 2

FV at Mutated Child #1 at Generation # 7 : 23.048588806819982  
FV at Mutated Child #2 at Generation # 7 : 29.054733757487476  
--> Family: # 3

FV at Mutated Child #1 at Generation # 7 : 93.33893394760365  
FV at Mutated Child #2 at Generation # 7 : 38.70535484151347  
--> Family: # 4

FV at Mutated Child #1 at Generation # 7 : 12.641850779854233  
FV at Mutated Child #2 at Generation # 7 : 42.47555266934647  
--> Family: # 5

FV at Mutated Child #1 at Generation # 7 : 56.08864157413081  
FV at Mutated Child #2 at Generation # 7 : 2437.117818964207  
--> Family: # 6

FV at Mutated Child #1 at Generation # 7 : 37.6719031269325  
FV at Mutated Child #2 at Generation # 7 : 18.073096972439593  
--> Family: # 7

FV at Mutated Child #1 at Generation # 7 : 8.371032271342688  
FV at Mutated Child #2 at Generation # 7 : 121.19406436326621  
--> Family: # 8

FV at Mutated Child #1 at Generation # 7 : 24.5860585883645  
FV at Mutated Child #2 at Generation # 7 : 2489.8821017767177  
--> Family: # 9

FV at Mutated Child #1 at Generation # 7 : 1.6832225668173482  
FV at Mutated Child #2 at Generation # 7 : 589.6058402736168  
--> Family: # 10

FV at Mutated Child #1 at Generation # 7 : 612.6912710482454  
FV at Mutated Child #2 at Generation # 7 : 9.58166184371771  
--> Family: # 11

FV at Mutated Child #1 at Generation # 7 : 9.993554962287515  
FV at Mutated Child #2 at Generation # 7 : 4.325480480876785  
--> Family: # 12

FV at Mutated Child #1 at Generation # 7 : 413.7821380473488  
FV at Mutated Child #2 at Generation # 7 : 128.3169910132595  
--> Family: # 13

FV at Mutated Child #1 at Generation # 7 : 30.48063295258712  
FV at Mutated Child #2 at Generation # 7 : 273.46923346996357  
--> Family: # 14

FV at Mutated Child #1 at Generation # 7 : 572.2667220759413  
FV at Mutated Child #2 at Generation # 7 : 10.626895545854497  
--> Family: # 15

FV at Mutated Child #1 at Generation # 7 : 11.124741595126432  
FV at Mutated Child #2 at Generation # 7 : 1.8639506777204677  
--> Family: # 16

FV at Mutated Child #1 at Generation # 7 : 5.68515553867232  
FV at Mutated Child #2 at Generation # 7 : 38.69332562582478  
--> Family: # 17

FV at Mutated Child #1 at Generation # 7 : 23.008408231164267  
FV at Mutated Child #2 at Generation # 7 : 142.83832981547707  
--> Family: # 18

FV at Mutated Child #1 at Generation # 7 : 41.78401431385942  
FV at Mutated Child #2 at Generation # 7 : 218.96201879774836  
--> Family: # 19

FV at Mutated Child #1 at Generation # 7 : 3.150158800573569  
FV at Mutated Child #2 at Generation # 7 : 559.2279397646236  
--> Family: # 20

FV at Mutated Child #1 at Generation # 7 : 111.30557992962213  
FV at Mutated Child #2 at Generation # 7 : 136.91378188581524  
--> Family: # 21

FV at Mutated Child #1 at Generation # 7 : 43.776297683303774  
FV at Mutated Child #2 at Generation # 7 : 13.496632012192746  
--> Family: # 22

FV at Mutated Child #1 at Generation # 7 : 6.771439896840917  
FV at Mutated Child #2 at Generation # 7 : 18.238116040170482  
--> Family: # 23

FV at Mutated Child #1 at Generation # 7 : 3.420894320639168  
FV at Mutated Child #2 at Generation # 7 : 35.499670902503006  
--> Family: # 24

FV at Mutated Child #1 at Generation # 7 : 663.0636568952831  
FV at Mutated Child #2 at Generation # 7 : 92.03414783743291  
--> Family: # 25

FV at Mutated Child #1 at Generation # 7 : 122.62258252934106  
FV at Mutated Child #2 at Generation # 7 : 119.87919399305733  
--> Family: # 26

FV at Mutated Child #1 at Generation # 7 : 21.972719467497512  
FV at Mutated Child #2 at Generation # 7 : 2365.8055780409304  
--> Family: # 27

FV at Mutated Child #1 at Generation # 7 : 1.284007413936602  
FV at Mutated Child #2 at Generation # 7 : 81.95464104415018  
--> Family: # 28

FV at Mutated Child #1 at Generation # 7 : 62.51755717311771  
FV at Mutated Child #2 at Generation # 7 : 16.76304991145521  
--> Family: # 29

FV at Mutated Child #1 at Generation # 7 : 168.0778777495977  
FV at Mutated Child #2 at Generation # 7 : 103.93963029003353  
--> Family: # 30

FV at Mutated Child #1 at Generation # 7 : 10.544203809207326  
FV at Mutated Child #2 at Generation # 7 : 6.276198453745333  
--> Family: # 31

FV at Mutated Child #1 at Generation # 7 : 40.89217049259942  
FV at Mutated Child #2 at Generation # 7 : 20.708375426772644  
--> Family: # 32

FV at Mutated Child #1 at Generation # 7 : 17.164139621901782  
FV at Mutated Child #2 at Generation # 7 : 184.08088633050045  
--> Family: # 33

FV at Mutated Child #1 at Generation # 7 : 3.9477700065095798  
FV at Mutated Child #2 at Generation # 7 : 10.903142027823403  
--> Family: # 34

FV at Mutated Child #1 at Generation # 7 : 78.13300042449771  
FV at Mutated Child #2 at Generation # 7 : 95.63713884400745  
--> Family: # 35

FV at Mutated Child #1 at Generation # 7 : 17.279241916446853  
FV at Mutated Child #2 at Generation # 7 : 1753.2205907165473  
--> Family: # 36

FV at Mutated Child #1 at Generation # 7 : 80.0659089812268  
FV at Mutated Child #2 at Generation # 7 : 58.22193818827829  
--> Family: # 37

FV at Mutated Child #1 at Generation # 7 : 33.59363333934842

FV at Mutated Child #2 at Generation # 7 : 20.982412796379425  
--> Family: # 38

FV at Mutated Child #1 at Generation # 7 : 9.58166184371771  
FV at Mutated Child #2 at Generation # 7 : 1.643939332988376  
--> Family: # 39

FV at Mutated Child #1 at Generation # 7 : 28.43538855143688  
FV at Mutated Child #2 at Generation # 7 : 4.054618815413836  
--> Family: # 40

FV at Mutated Child #1 at Generation # 7 : 8.51963203885381  
FV at Mutated Child #2 at Generation # 7 : 163.40995182251393  
--> Family: # 41

FV at Mutated Child #1 at Generation # 7 : 1.9080734540904252  
FV at Mutated Child #2 at Generation # 7 : 13.451336560352898  
--> Family: # 42

FV at Mutated Child #1 at Generation # 7 : 2.447742961769899  
FV at Mutated Child #2 at Generation # 7 : 7.8643446218154915  
--> Family: # 43

FV at Mutated Child #1 at Generation # 7 : 115.32077885850299  
FV at Mutated Child #2 at Generation # 7 : 235.69076280027207  
--> Family: # 44

FV at Mutated Child #1 at Generation # 7 : 2.313595077713291  
FV at Mutated Child #2 at Generation # 7 : 103.37673400612617  
--> Family: # 45

FV at Mutated Child #1 at Generation # 7 : 82.79923816332958  
FV at Mutated Child #2 at Generation # 7 : 424.4175064569589  
--> Family: # 46

FV at Mutated Child #1 at Generation # 7 : 11.848472542628107  
FV at Mutated Child #2 at Generation # 7 : 199.03545307135823  
--> Family: # 47

FV at Mutated Child #1 at Generation # 7 : 78.26558376899477  
FV at Mutated Child #2 at Generation # 7 : 54.23109941192766  
--> Family: # 48

FV at Mutated Child #1 at Generation # 7 : 14.93333505663211  
FV at Mutated Child #2 at Generation # 7 : 7.836670972794705  
--> Family: # 49

FV at Mutated Child #1 at Generation # 7 : 560.2880815861528  
FV at Mutated Child #2 at Generation # 7 : 4.099120708087892  
--> Family: # 50

FV at Mutated Child #1 at Generation # 7 : 31.030666378022815  
FV at Mutated Child #2 at Generation # 7 : 2.896021695614826  
--> Family: # 51

FV at Mutated Child #1 at Generation # 7 : 128.3169910132595  
FV at Mutated Child #2 at Generation # 7 : 7.834763009020684  
--> Family: # 52

FV at Mutated Child #1 at Generation # 7 : 179.6298195484717  
FV at Mutated Child #2 at Generation # 7 : 373.52730544527645

--> Family: # 53

FV at Mutated Child #1 at Generation # 7 : 15.450481881428853

FV at Mutated Child #2 at Generation # 7 : 0.9707715365390559

--> Family: # 54

FV at Mutated Child #1 at Generation # 7 : 53.15023567643331

FV at Mutated Child #2 at Generation # 7 : 22.67556694121747

--> Family: # 55

FV at Mutated Child #1 at Generation # 7 : 7.996420400345425

FV at Mutated Child #2 at Generation # 7 : 7.969216950357525

--> Family: # 56

FV at Mutated Child #1 at Generation # 7 : 21.919054158122723

FV at Mutated Child #2 at Generation # 7 : 28.721905064914232

--> Family: # 57

FV at Mutated Child #1 at Generation # 7 : 3.827447535693878

FV at Mutated Child #2 at Generation # 7 : 27.81833571457393

--> Family: # 58

FV at Mutated Child #1 at Generation # 7 : 83.28627362684458

FV at Mutated Child #2 at Generation # 7 : 222.01699747777485

--> Family: # 59

FV at Mutated Child #1 at Generation # 7 : 97.23618181961373

FV at Mutated Child #2 at Generation # 7 : 45.62765821882618

--> Family: # 60

FV at Mutated Child #1 at Generation # 7 : 7.633036095270273

FV at Mutated Child #2 at Generation # 7 : 19.602166924540832

--> Family: # 61

FV at Mutated Child #1 at Generation # 7 : 1506.8754288711914

FV at Mutated Child #2 at Generation # 7 : 2974.3852798170333

--> Family: # 62

FV at Mutated Child #1 at Generation # 7 : 70.08028093449282

FV at Mutated Child #2 at Generation # 7 : 40.368599092940514

--> Family: # 63

FV at Mutated Child #1 at Generation # 7 : 2173.7945892142907

FV at Mutated Child #2 at Generation # 7 : 2500.1914030308253

--> Family: # 64

FV at Mutated Child #1 at Generation # 7 : 73.84527833823682

FV at Mutated Child #2 at Generation # 7 : 163.27886980148162

--> Family: # 65

FV at Mutated Child #1 at Generation # 7 : 8.238646432803003

FV at Mutated Child #2 at Generation # 7 : 135.90091844860535

--> Family: # 66

FV at Mutated Child #1 at Generation # 7 : 11.995604162761047

FV at Mutated Child #2 at Generation # 7 : 102.44769884684013

--> Family: # 67

FV at Mutated Child #1 at Generation # 7 : 62.08293915306373

FV at Mutated Child #2 at Generation # 7 : 25.30914241901274

--> Family: # 68

FV at Mutated Child #1 at Generation # 7 : 597.6302878722743  
FV at Mutated Child #2 at Generation # 7 : 38.901920469401084  
--> Family: # 69

FV at Mutated Child #1 at Generation # 7 : 45.05862501065225  
FV at Mutated Child #2 at Generation # 7 : 95.80453705610316  
--> Family: # 70

FV at Mutated Child #1 at Generation # 7 : 27.021105227326288  
FV at Mutated Child #2 at Generation # 7 : 3.066632662042948  
--> Family: # 71

FV at Mutated Child #1 at Generation # 7 : 303.4639150484548  
FV at Mutated Child #2 at Generation # 7 : 326.1635419851517  
--> Family: # 72

FV at Mutated Child #1 at Generation # 7 : 34.11747245236833  
FV at Mutated Child #2 at Generation # 7 : 47.24857738556213  
--> Family: # 73

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FV at Mutated Child #2 at Generation # 7 : 29.66788975796035  
--> Family: # 74

FV at Mutated Child #1 at Generation # 7 : 62.42344803541312  
FV at Mutated Child #2 at Generation # 7 : 61.5430892745741  
--> Family: # 75

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FV at Mutated Child #2 at Generation # 7 : 26.041538031092873  
--> Family: # 76

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FV at Mutated Child #2 at Generation # 7 : 51856.64605310073  
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FV at Mutated Child #2 at Generation # 7 : 14.90277758362163  
--> Family: # 78

FV at Mutated Child #1 at Generation # 7 : 56.750384315902664  
FV at Mutated Child #2 at Generation # 7 : 147.99820245212032  
--> Family: # 79

FV at Mutated Child #1 at Generation # 7 : 2.8198753781308947  
FV at Mutated Child #2 at Generation # 7 : 64.87366506983834  
--> Family: # 80

FV at Mutated Child #1 at Generation # 7 : 193.0784559747343  
FV at Mutated Child #2 at Generation # 7 : 17.85860714232085  
--> Generation: # 8  
--> Family: # 1

FV at Mutated Child #1 at Generation # 8 : 2.570853452910606  
FV at Mutated Child #2 at Generation # 8 : 1.9005251904918985  
--> Family: # 2

FV at Mutated Child #1 at Generation # 8 : 43228.56541807141  
FV at Mutated Child #2 at Generation # 8 : 41677.954620776465  
--> Family: # 3

FV at Mutated Child #1 at Generation # 8 : 100.75488751332232  
FV at Mutated Child #2 at Generation # 8 : 496.07970850696523  
--> Family: # 4

FV at Mutated Child #1 at Generation # 8 : 2.686596897173969  
FV at Mutated Child #2 at Generation # 8 : 0.5525270688928496  
--> Family: # 5

FV at Mutated Child #1 at Generation # 8 : 595.4586849255347  
FV at Mutated Child #2 at Generation # 8 : 53.896805853341746  
--> Family: # 6

FV at Mutated Child #1 at Generation # 8 : 498.89304675004666  
FV at Mutated Child #2 at Generation # 8 : 10.217120924004691  
--> Family: # 7

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FV at Mutated Child #2 at Generation # 8 : 906.6355298154929  
--> Family: # 8

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FV at Mutated Child #2 at Generation # 8 : 16.636661179384518  
--> Family: # 9

FV at Mutated Child #1 at Generation # 8 : 97.37441142483544  
FV at Mutated Child #2 at Generation # 8 : 76.8108933780361  
--> Family: # 10

FV at Mutated Child #1 at Generation # 8 : 1.8111023916759788  
FV at Mutated Child #2 at Generation # 8 : 2.236203403030933  
--> Family: # 11

FV at Mutated Child #1 at Generation # 8 : 0.2765951356324197  
FV at Mutated Child #2 at Generation # 8 : 15.385095845906958  
--> Family: # 12

FV at Mutated Child #1 at Generation # 8 : 66.42383950802035  
FV at Mutated Child #2 at Generation # 8 : 140.31476847423522  
--> Family: # 13

FV at Mutated Child #1 at Generation # 8 : 2356.318974543516  
FV at Mutated Child #2 at Generation # 8 : 1867.8253804134158  
--> Family: # 14

FV at Mutated Child #1 at Generation # 8 : 130.3980934492401  
FV at Mutated Child #2 at Generation # 8 : 6.752988526514824  
--> Family: # 15

FV at Mutated Child #1 at Generation # 8 : 29.80812792988511  
FV at Mutated Child #2 at Generation # 8 : 9.874909187691793  
--> Family: # 16

FV at Mutated Child #1 at Generation # 8 : 471.7570348802375  
FV at Mutated Child #2 at Generation # 8 : 23.447435137178395  
--> Family: # 17

FV at Mutated Child #1 at Generation # 8 : 1.602703656261695  
FV at Mutated Child #2 at Generation # 8 : 6.443052524483061  
--> Family: # 18



FV at Mutated Child #1 at Generation # 8 : 2.708410872459635  
FV at Mutated Child #2 at Generation # 8 : 15.754714414257247  
--> Family: # 19

FV at Mutated Child #1 at Generation # 8 : 24.391682069833326  
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--> Family: # 20

FV at Mutated Child #1 at Generation # 8 : 58842.57919775558  
FV at Mutated Child #2 at Generation # 8 : 47471.00095589974  
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--> Family: # 22

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--> Family: # 23

FV at Mutated Child #1 at Generation # 8 : 14.914683698853036  
FV at Mutated Child #2 at Generation # 8 : 6.1164028537269655  
--> Family: # 24

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--> Family: # 25

FV at Mutated Child #1 at Generation # 8 : 2009.7340686906828  
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--> Family: # 26

FV at Mutated Child #1 at Generation # 8 : 51.32654335212178  
FV at Mutated Child #2 at Generation # 8 : 3.1293876717544946  
--> Family: # 27

FV at Mutated Child #1 at Generation # 8 : 143.66409353016465  
FV at Mutated Child #2 at Generation # 8 : 4.501423710279377  
--> Family: # 28

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FV at Mutated Child #2 at Generation # 8 : 62.039801653760826  
--> Family: # 29

FV at Mutated Child #1 at Generation # 8 : 3.530637631477204  
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--> Family: # 30

FV at Mutated Child #1 at Generation # 8 : 1.391742910320857  
FV at Mutated Child #2 at Generation # 8 : 19.96627451111066  
--> Family: # 31

FV at Mutated Child #1 at Generation # 8 : 3.77605857704662  
FV at Mutated Child #2 at Generation # 8 : 1.455809411637682  
--> Family: # 32

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--> Family: # 33

FV at Mutated Child #1 at Generation # 8 : 27553.068606594672

FV at Mutated Child #2 at Generation # 8 : 22044.119462454037  
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FV at Mutated Child #2 at Generation # 8 : 42.13999480415947  
--> Family: # 35

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FV at Mutated Child #2 at Generation # 8 : 11.812069210998859  
--> Family: # 36

FV at Mutated Child #1 at Generation # 8 : 6.21695293528707  
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--> Family: # 37

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FV at Mutated Child #2 at Generation # 8 : 518.3384478240198  
--> Family: # 38

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FV at Mutated Child #2 at Generation # 8 : 106.49375049067719  
--> Family: # 39

FV at Mutated Child #1 at Generation # 8 : 65.95187444126994  
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--> Family: # 40

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FV at Mutated Child #2 at Generation # 8 : 135.72260302358495  
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--> Family: # 43

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--> Family: # 44

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FV at Mutated Child #1 at Generation # 8 : 10.315283347016871  
FV at Mutated Child #2 at Generation # 8 : 3.5943509436734717  
--> Family: # 46

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FV at Mutated Child #2 at Generation # 8 : 2.9329831115433596  
--> Family: # 47

FV at Mutated Child #1 at Generation # 8 : 1685.494758599471  
FV at Mutated Child #2 at Generation # 8 : 1185.2577022285827  
--> Family: # 48

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--> Family: # 49

FV at Mutated Child #1 at Generation # 8 : 48.75969207402596

FV at Mutated Child #2 at Generation # 8 : 4.488595475101104

--> Family: # 50

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--> Family: # 51

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FV at Mutated Child #2 at Generation # 8 : 1.5195060249561851

--> Family: # 52

FV at Mutated Child #1 at Generation # 8 : 31.580239508029933

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--> Family: # 53

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--> Family: # 54

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FV at Mutated Child #2 at Generation # 8 : 29.905547715389517

--> Family: # 55

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--> Family: # 56

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--> Family: # 57

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--> Family: # 59

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--> Family: # 60

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--> Family: # 61

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FV at Mutated Child #2 at Generation # 8 : 404.66600779428194

--> Family: # 62

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FV at Mutated Child #2 at Generation # 8 : 2.6347696493123394

--> Family: # 63

FV at Mutated Child #1 at Generation # 8 : 4.238510657648223

FV at Mutated Child #2 at Generation # 8 : 28.372919577627368

--> Family: # 64

FV at Mutated Child #1 at Generation # 8 : 351.9171083841299  
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FV at Mutated Child #1 at Generation # 8 : 4.450992299492643  
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FV at Mutated Child #1 at Generation # 8 : 2433.1377895988876  
FV at Mutated Child #2 at Generation # 8 : 5.753139035547251  
--> Family: # 79

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FV at Mutated Child #2 at Generation # 8 : 12.995870048102411
--> Family: # 80

FV at Mutated Child #1 at Generation # 8 : 0.7824998646335398
FV at Mutated Child #2 at Generation # 8 : 5.3740332417722305
--> Generation: # 9
--> Family: # 1

FV at Mutated Child #1 at Generation # 9 : 4.352133123724754
FV at Mutated Child #2 at Generation # 9 : 116.79806954260361
--> Family: # 2

FV at Mutated Child #1 at Generation # 9 : 10.964757708267378
FV at Mutated Child #2 at Generation # 9 : 0.8604075518787481
--> Family: # 3

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FV at Mutated Child #2 at Generation # 9 : 118.24269544508434
--> Family: # 4

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--> Family: # 5

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--> Family: # 6

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--> Family: # 7

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FV at Mutated Child #2 at Generation # 9 : 18.224880209496494
--> Family: # 10

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--> Family: # 11

FV at Mutated Child #1 at Generation # 9 : 31.38903000443259
FV at Mutated Child #2 at Generation # 9 : 8.629185923181762
--> Family: # 12

FV at Mutated Child #1 at Generation # 9 : 6.615994840224577
FV at Mutated Child #2 at Generation # 9 : 1.4793434998701271
--> Family: # 13

FV at Mutated Child #1 at Generation # 9 : 2.0740761339261713
FV at Mutated Child #2 at Generation # 9 : 28.767227880466013
--> Family: # 14
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--> Family: # 15

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FV at Mutated Child #2 at Generation # 9 : 14.56535650309888  
--> Family: # 16

FV at Mutated Child #1 at Generation # 9 : 42.53244515756695  
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--> Family: # 17

FV at Mutated Child #1 at Generation # 9 : 37974.67895746323  
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--> Family: # 18

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--> Family: # 19

FV at Mutated Child #1 at Generation # 9 : 20.417771377460816  
FV at Mutated Child #2 at Generation # 9 : 327.61275637712686  
--> Family: # 20

FV at Mutated Child #1 at Generation # 9 : 152.8611565965204  
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--> Family: # 21

FV at Mutated Child #1 at Generation # 9 : 41.603096132534546  
FV at Mutated Child #2 at Generation # 9 : 24.063902691679694  
--> Family: # 22

FV at Mutated Child #1 at Generation # 9 : 116.68100818769688  
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FV at Mutated Child #1 at Generation # 9 : 145.5621782124203  
FV at Mutated Child #2 at Generation # 9 : 152.6774240059065  
--> Family: # 24

FV at Mutated Child #1 at Generation # 9 : 3.3806685976385458  
FV at Mutated Child #2 at Generation # 9 : 99.63743031945245  
--> Family: # 25

FV at Mutated Child #1 at Generation # 9 : 41.33375344336206  
FV at Mutated Child #2 at Generation # 9 : 3.314970780785917  
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FV at Mutated Child #1 at Generation # 9 : 10.462490333086038  
FV at Mutated Child #2 at Generation # 9 : 399.45571901597043  
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FV at Mutated Child #1 at Generation # 9 : 211.29582982171323  
FV at Mutated Child #2 at Generation # 9 : 484.76203435245105  
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--> Family: # 29

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FV at Mutated Child #1 at Generation # 9 : 20.53182545318996  
FV at Mutated Child #2 at Generation # 9 : 49.963076782268026  
--> Family: # 32

FV at Mutated Child #1 at Generation # 9 : 56.14495939043907  
FV at Mutated Child #2 at Generation # 9 : 17.47327517203282  
--> Family: # 33

FV at Mutated Child #1 at Generation # 9 : 14.428004804978093  
FV at Mutated Child #2 at Generation # 9 : 81.35821028507314  
--> Family: # 34

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FV at Mutated Child #2 at Generation # 9 : 5.609979627573026  
--> Family: # 35

FV at Mutated Child #1 at Generation # 9 : 47.308373620486236  
FV at Mutated Child #2 at Generation # 9 : 4.046480438857364  
--> Family: # 36

FV at Mutated Child #1 at Generation # 9 : 3.255366582777257  
FV at Mutated Child #2 at Generation # 9 : 7.717893042495037  
--> Family: # 37

FV at Mutated Child #1 at Generation # 9 : 2409.4194235407085  
FV at Mutated Child #2 at Generation # 9 : 25.980479263075647  
--> Family: # 38

FV at Mutated Child #1 at Generation # 9 : 146.85170976988317  
FV at Mutated Child #2 at Generation # 9 : 5.025277101240217  
--> Family: # 39

FV at Mutated Child #1 at Generation # 9 : 17.262373026720482  
FV at Mutated Child #2 at Generation # 9 : 194.19568435560444  
--> Family: # 40

FV at Mutated Child #1 at Generation # 9 : 3321.961307794047  
FV at Mutated Child #2 at Generation # 9 : 2455.294159470982  
--> Family: # 41

FV at Mutated Child #1 at Generation # 9 : 11.718660606590937  
FV at Mutated Child #2 at Generation # 9 : 42.438702525438494  
--> Family: # 42

FV at Mutated Child #1 at Generation # 9 : 23.537704064938225  
FV at Mutated Child #2 at Generation # 9 : 97.73394337164831  
--> Family: # 43

FV at Mutated Child #1 at Generation # 9 : 40.2556239055749  
FV at Mutated Child #2 at Generation # 9 : 2.3941871957290513  
--> Family: # 44

FV at Mutated Child #1 at Generation # 9 : 125.9392199189156  
FV at Mutated Child #2 at Generation # 9 : 17.778897468368058

--> Family: # 45

FV at Mutated Child #1 at Generation # 9 : 1400.174392527013

FV at Mutated Child #2 at Generation # 9 : 2098.79072418223

--> Family: # 46

FV at Mutated Child #1 at Generation # 9 : 2.079931334728073

FV at Mutated Child #2 at Generation # 9 : 17.104433137379143

--> Family: # 47

FV at Mutated Child #1 at Generation # 9 : 188.32097515305102

FV at Mutated Child #2 at Generation # 9 : 586.380305164922

--> Family: # 48

FV at Mutated Child #1 at Generation # 9 : 3.8833565907973684

FV at Mutated Child #2 at Generation # 9 : 137.2335848520516

--> Family: # 49

FV at Mutated Child #1 at Generation # 9 : 60454.02720240549

FV at Mutated Child #2 at Generation # 9 : 59198.71086074392

--> Family: # 50

FV at Mutated Child #1 at Generation # 9 : 39.6378724013992

FV at Mutated Child #2 at Generation # 9 : 10.296996234077392

--> Family: # 51

FV at Mutated Child #1 at Generation # 9 : 49.515382019316064

FV at Mutated Child #2 at Generation # 9 : 13.491573244114418

--> Family: # 52

FV at Mutated Child #1 at Generation # 9 : 33.49972869499844

FV at Mutated Child #2 at Generation # 9 : 4.579906532476887

--> Family: # 53

FV at Mutated Child #1 at Generation # 9 : 93.2455821433082

FV at Mutated Child #2 at Generation # 9 : 18.13791656934191

--> Family: # 54

FV at Mutated Child #1 at Generation # 9 : 9.354060479468135

FV at Mutated Child #2 at Generation # 9 : 64.5414565473886

--> Family: # 55

FV at Mutated Child #1 at Generation # 9 : 193.42284052532443

FV at Mutated Child #2 at Generation # 9 : 165.15950430791796

--> Family: # 56

FV at Mutated Child #1 at Generation # 9 : 56.72829754686071

FV at Mutated Child #2 at Generation # 9 : 15.149841627219525

--> Family: # 57

FV at Mutated Child #1 at Generation # 9 : 24.079582876222773

FV at Mutated Child #2 at Generation # 9 : 69.53251601601488

--> Family: # 58

FV at Mutated Child #1 at Generation # 9 : 2600.2690057541076

FV at Mutated Child #2 at Generation # 9 : 7.990499440440804

--> Family: # 59

FV at Mutated Child #1 at Generation # 9 : 216.83749431935064

FV at Mutated Child #2 at Generation # 9 : 15.43992023414854

--> Family: # 60



FV at Mutated Child #1 at Generation # 9 : 50.57275653539327  
FV at Mutated Child #2 at Generation # 9 : 106.6015160042687  
--> Family: # 61

FV at Mutated Child #1 at Generation # 9 : 498.2263730372256  
FV at Mutated Child #2 at Generation # 9 : 2.947133976597928  
--> Family: # 62

FV at Mutated Child #1 at Generation # 9 : 157.3271661910002  
FV at Mutated Child #2 at Generation # 9 : 81.85596026792676  
--> Family: # 63

FV at Mutated Child #1 at Generation # 9 : 684.523370522583  
FV at Mutated Child #2 at Generation # 9 : 18.289687751863514  
--> Family: # 64

FV at Mutated Child #1 at Generation # 9 : 67524.34299919054  
FV at Mutated Child #2 at Generation # 9 : 52552.75367429656  
--> Family: # 65

FV at Mutated Child #1 at Generation # 9 : 7.518573947799805  
FV at Mutated Child #2 at Generation # 9 : 44.2179202053577  
--> Family: # 66

FV at Mutated Child #1 at Generation # 9 : 2.1248915626497054  
FV at Mutated Child #2 at Generation # 9 : 5.531026149395315  
--> Family: # 67

FV at Mutated Child #1 at Generation # 9 : 8.903468273764764  
FV at Mutated Child #2 at Generation # 9 : 47.883998142512034  
--> Family: # 68

FV at Mutated Child #1 at Generation # 9 : 7.4659680452436605  
FV at Mutated Child #2 at Generation # 9 : 617.1214005958442  
--> Family: # 69

FV at Mutated Child #1 at Generation # 9 : 97.6724884165093  
FV at Mutated Child #2 at Generation # 9 : 4.2296776127329405  
--> Family: # 70

FV at Mutated Child #1 at Generation # 9 : 12.356892836137703  
FV at Mutated Child #2 at Generation # 9 : 65.51117838396331  
--> Family: # 71

FV at Mutated Child #1 at Generation # 9 : 12.602823777049498  
FV at Mutated Child #2 at Generation # 9 : 596.676789955257  
--> Family: # 72

FV at Mutated Child #1 at Generation # 9 : 17.82691230729758  
FV at Mutated Child #2 at Generation # 9 : 20.19131508554954  
--> Family: # 73

FV at Mutated Child #1 at Generation # 9 : 44967.01565394367  
FV at Mutated Child #2 at Generation # 9 : 42999.703720347316  
--> Family: # 74

FV at Mutated Child #1 at Generation # 9 : 80.33448401487615  
FV at Mutated Child #2 at Generation # 9 : 21.185946072534826  
--> Family: # 75

FV at Mutated Child #1 at Generation # 9 : 16.631682039510988  
FV at Mutated Child #2 at Generation # 9 : 10.002533055771824

--> Family: # 76

FV at Mutated Child #1 at Generation # 9 : 6.72980245227463  
FV at Mutated Child #2 at Generation # 9 : 48.064835288816575

--> Family: # 77

FV at Mutated Child #1 at Generation # 9 : 3.358329071023411  
FV at Mutated Child #2 at Generation # 9 : 0.9221193005823647

--> Family: # 78

FV at Mutated Child #1 at Generation # 9 : 137.32020257243394  
FV at Mutated Child #2 at Generation # 9 : 3.6519550174242026

--> Family: # 79

FV at Mutated Child #1 at Generation # 9 : 1.6070437816370386  
FV at Mutated Child #2 at Generation # 9 : 8.26163053182017

--> Family: # 80

FV at Mutated Child #1 at Generation # 9 : 2.6395092724989344  
FV at Mutated Child #2 at Generation # 9 : 1.6764683920098138

--> Generation: # 10

--> Family: # 1

FV at Mutated Child #1 at Generation # 10 : 538.1138930297369  
FV at Mutated Child #2 at Generation # 10 : 1.3559872173397398

--> Family: # 2

FV at Mutated Child #1 at Generation # 10 : 1.2887562783566544  
FV at Mutated Child #2 at Generation # 10 : 15.429731389659

--> Family: # 3

FV at Mutated Child #1 at Generation # 10 : 0.8182437704711126  
FV at Mutated Child #2 at Generation # 10 : 147.73394161150966

--> Family: # 4

FV at Mutated Child #1 at Generation # 10 : 24.518952148990916  
FV at Mutated Child #2 at Generation # 10 : 9.403087248178656

--> Family: # 5

FV at Mutated Child #1 at Generation # 10 : 40.86863559382468  
FV at Mutated Child #2 at Generation # 10 : 17.722807386899525

--> Family: # 6

FV at Mutated Child #1 at Generation # 10 : 24.569382900816287  
FV at Mutated Child #2 at Generation # 10 : 3.9116678682658095

--> Family: # 7

FV at Mutated Child #1 at Generation # 10 : 38.735077081182176  
FV at Mutated Child #2 at Generation # 10 : 139.43496196892534

--> Family: # 8

FV at Mutated Child #1 at Generation # 10 : 57793.91003603414  
FV at Mutated Child #2 at Generation # 10 : 43844.6904080882

--> Family: # 9

FV at Mutated Child #1 at Generation # 10 : 42.91785446483473  
FV at Mutated Child #2 at Generation # 10 : 6.397658227755976

--> Family: # 10

FV at Mutated Child #1 at Generation # 10 : 0.8517547228291691  
FV at Mutated Child #2 at Generation # 10 : 79.17959229606025  
--> Family: # 11

FV at Mutated Child #1 at Generation # 10 : 2.605996455907622  
FV at Mutated Child #2 at Generation # 10 : 23.386300866741152  
--> Family: # 12

FV at Mutated Child #1 at Generation # 10 : 3.64625395862266  
FV at Mutated Child #2 at Generation # 10 : 0.9440488631936592  
--> Family: # 13

FV at Mutated Child #1 at Generation # 10 : 1.9370856171876456  
FV at Mutated Child #2 at Generation # 10 : 0.4723781214538809  
--> Family: # 14

FV at Mutated Child #1 at Generation # 10 : 1.1887124586359608  
FV at Mutated Child #2 at Generation # 10 : 21.670772762437284  
--> Family: # 15

FV at Mutated Child #1 at Generation # 10 : 2.531668813834644  
FV at Mutated Child #2 at Generation # 10 : 64.28394619939182  
--> Family: # 16

FV at Mutated Child #1 at Generation # 10 : 10.557898599028979  
FV at Mutated Child #2 at Generation # 10 : 0.5720708141571622  
--> Family: # 17

FV at Mutated Child #1 at Generation # 10 : 2.4720182738996845  
FV at Mutated Child #2 at Generation # 10 : 112.64351353281526  
--> Family: # 18

FV at Mutated Child #1 at Generation # 10 : 499.14814576401176  
FV at Mutated Child #2 at Generation # 10 : 28.55897693074067  
--> Family: # 19

FV at Mutated Child #1 at Generation # 10 : 149.66878980020107  
FV at Mutated Child #2 at Generation # 10 : 154.24247638970465  
--> Family: # 20

FV at Mutated Child #1 at Generation # 10 : 9.851778158786715  
FV at Mutated Child #2 at Generation # 10 : 66.19856888099525  
--> Family: # 21

FV at Mutated Child #1 at Generation # 10 : 1102.3611330862386  
FV at Mutated Child #2 at Generation # 10 : 20.27174082267986  
--> Family: # 22

FV at Mutated Child #1 at Generation # 10 : 27.138071661079607  
FV at Mutated Child #2 at Generation # 10 : 1.6544415185175798  
--> Family: # 23

FV at Mutated Child #1 at Generation # 10 : 3.8592942776445263  
FV at Mutated Child #2 at Generation # 10 : 93.71345502084337  
--> Family: # 24

FV at Mutated Child #1 at Generation # 10 : 129.78597278217293  
FV at Mutated Child #2 at Generation # 10 : 17.479587491503956  
--> Family: # 25

FV at Mutated Child #1 at Generation # 10 : 50.04877319242439

FV at Mutated Child #2 at Generation # 10 : 302.3081481636223  
--> Family: # 26

FV at Mutated Child #1 at Generation # 10 : 10.789293132697797  
FV at Mutated Child #2 at Generation # 10 : 1.7693170158538813  
--> Family: # 27

FV at Mutated Child #1 at Generation # 10 : 96.49944558521723  
FV at Mutated Child #2 at Generation # 10 : 21.20752341503717  
--> Family: # 28

FV at Mutated Child #1 at Generation # 10 : 1.3338092744481536  
FV at Mutated Child #2 at Generation # 10 : 581.18972660582  
--> Family: # 29

FV at Mutated Child #1 at Generation # 10 : 33157.27093168093  
FV at Mutated Child #2 at Generation # 10 : 44844.0206433351  
--> Family: # 30

FV at Mutated Child #1 at Generation # 10 : 46840.66401089528  
FV at Mutated Child #2 at Generation # 10 : 38104.65726462366  
--> Family: # 31

FV at Mutated Child #1 at Generation # 10 : 1.5942644439397406  
FV at Mutated Child #2 at Generation # 10 : 0.7027799197142371  
--> Family: # 32

FV at Mutated Child #1 at Generation # 10 : 1.1560024746476802  
FV at Mutated Child #2 at Generation # 10 : 1.6304582062120394  
--> Family: # 33

FV at Mutated Child #1 at Generation # 10 : 2.829385654371335  
FV at Mutated Child #2 at Generation # 10 : 24.67940137139905  
--> Family: # 34

FV at Mutated Child #1 at Generation # 10 : 607.8638139588337  
FV at Mutated Child #2 at Generation # 10 : 2179.223269563411  
--> Family: # 35

FV at Mutated Child #1 at Generation # 10 : 527.3764688949883  
FV at Mutated Child #2 at Generation # 10 : 1.354735735500438  
--> Family: # 36

FV at Mutated Child #1 at Generation # 10 : 69.16589329216089  
FV at Mutated Child #2 at Generation # 10 : 110.68644285061161  
--> Family: # 37

FV at Mutated Child #1 at Generation # 10 : 27.321690391211455  
FV at Mutated Child #2 at Generation # 10 : 1.714742828831138  
--> Family: # 38

FV at Mutated Child #1 at Generation # 10 : 8.910763589309326  
FV at Mutated Child #2 at Generation # 10 : 0.45425176510218285  
--> Family: # 39

FV at Mutated Child #1 at Generation # 10 : 1180.1679238328852  
FV at Mutated Child #2 at Generation # 10 : 2889.5138627790325  
--> Family: # 40

FV at Mutated Child #1 at Generation # 10 : 32.58601334606542  
FV at Mutated Child #2 at Generation # 10 : 0.7661060625311172

--> Family: # 41

FV at Mutated Child #1 at Generation # 10 : 2.792131059452501

FV at Mutated Child #2 at Generation # 10 : 2.801901557336408

--> Family: # 42

FV at Mutated Child #1 at Generation # 10 : 29.96251798269525

FV at Mutated Child #2 at Generation # 10 : 7.439704312860071

--> Family: # 43

FV at Mutated Child #1 at Generation # 10 : 62.619155178026276

FV at Mutated Child #2 at Generation # 10 : 0.46341845849160845

--> Family: # 44

FV at Mutated Child #1 at Generation # 10 : 1.973596060126281

FV at Mutated Child #2 at Generation # 10 : 124.56576945153085

--> Family: # 45

FV at Mutated Child #1 at Generation # 10 : 88.29368401318081

FV at Mutated Child #2 at Generation # 10 : 0.7252376578128081

--> Family: # 46

FV at Mutated Child #1 at Generation # 10 : 2.6684770621189333

FV at Mutated Child #2 at Generation # 10 : 0.7629932975681762

--> Family: # 47

FV at Mutated Child #1 at Generation # 10 : 29.759843557495753

FV at Mutated Child #2 at Generation # 10 : 3.090456938700983

--> Family: # 48

FV at Mutated Child #1 at Generation # 10 : 4.849091384520668

FV at Mutated Child #2 at Generation # 10 : 85.59108775690383

--> Family: # 49

FV at Mutated Child #1 at Generation # 10 : 2.1658267724817644

FV at Mutated Child #2 at Generation # 10 : 618.4446345369321

--> Family: # 50

FV at Mutated Child #1 at Generation # 10 : 1.593331715890352

FV at Mutated Child #2 at Generation # 10 : 4.678775203891012

--> Family: # 51

FV at Mutated Child #1 at Generation # 10 : 8.924975174852149

FV at Mutated Child #2 at Generation # 10 : 30.06185166132278

--> Family: # 52

FV at Mutated Child #1 at Generation # 10 : 21.648934124816094

FV at Mutated Child #2 at Generation # 10 : 2495.0003550103343

--> Family: # 53

FV at Mutated Child #1 at Generation # 10 : 2454.8230718150207

FV at Mutated Child #2 at Generation # 10 : 101.77958366119769

--> Family: # 54

FV at Mutated Child #1 at Generation # 10 : 2.8472281686429484

FV at Mutated Child #2 at Generation # 10 : 25.961365389659072

--> Family: # 55

FV at Mutated Child #1 at Generation # 10 : 11.856385763484262

FV at Mutated Child #2 at Generation # 10 : 6.2771756393082505

--> Family: # 56

FV at Mutated Child #1 at Generation # 10 : 4.762062523994065  
FV at Mutated Child #2 at Generation # 10 : 0.6210761416316926  
--> Family: # 57

FV at Mutated Child #1 at Generation # 10 : 7.117750871993133  
FV at Mutated Child #2 at Generation # 10 : 96.52986385628219  
--> Family: # 58

FV at Mutated Child #1 at Generation # 10 : 5.920468224929484  
FV at Mutated Child #2 at Generation # 10 : 3.0079037810276334  
--> Family: # 59

FV at Mutated Child #1 at Generation # 10 : 6.626910787861148  
FV at Mutated Child #2 at Generation # 10 : 14.61450232922726  
--> Family: # 60

FV at Mutated Child #1 at Generation # 10 : 3.688104994797376  
FV at Mutated Child #2 at Generation # 10 : 0.5289532078913488  
--> Family: # 61

FV at Mutated Child #1 at Generation # 10 : 2628.380386614855  
FV at Mutated Child #2 at Generation # 10 : 2134.114506577751  
--> Family: # 62

FV at Mutated Child #1 at Generation # 10 : 15.344695220459778  
FV at Mutated Child #2 at Generation # 10 : 11.095918004802925  
--> Family: # 63

FV at Mutated Child #1 at Generation # 10 : 56865.275075313584  
FV at Mutated Child #2 at Generation # 10 : 51416.47267189226  
--> Family: # 64

FV at Mutated Child #1 at Generation # 10 : 99.29322081640376  
FV at Mutated Child #2 at Generation # 10 : 15.697399892700046  
--> Family: # 65

FV at Mutated Child #1 at Generation # 10 : 60.93680121624906  
FV at Mutated Child #2 at Generation # 10 : 3.9723232158362674  
--> Family: # 66

FV at Mutated Child #1 at Generation # 10 : 142.1624874724905  
FV at Mutated Child #2 at Generation # 10 : 4.800619615011367  
--> Family: # 67

FV at Mutated Child #1 at Generation # 10 : 17.95842384033285  
FV at Mutated Child #2 at Generation # 10 : 1.8051790959946512  
--> Family: # 68

FV at Mutated Child #1 at Generation # 10 : 16.56320450986233  
FV at Mutated Child #2 at Generation # 10 : 6.329609795769537  
--> Family: # 69

FV at Mutated Child #1 at Generation # 10 : 2.974842267469735  
FV at Mutated Child #2 at Generation # 10 : 99.61988576246424  
--> Family: # 70

FV at Mutated Child #1 at Generation # 10 : 552.6609076606373  
FV at Mutated Child #2 at Generation # 10 : 28.11125222999771  
--> Family: # 71

FV at Mutated Child #1 at Generation # 10 : 7.56392741191711  
FV at Mutated Child #2 at Generation # 10 : 22.792386817729383  
--> Family: # 72

FV at Mutated Child #1 at Generation # 10 : 510.91886361302323  
FV at Mutated Child #2 at Generation # 10 : 5.603132734428224  
--> Family: # 73

FV at Mutated Child #1 at Generation # 10 : 3354.5081053239287  
FV at Mutated Child #2 at Generation # 10 : 1502.712708431595  
--> Family: # 74

FV at Mutated Child #1 at Generation # 10 : 8.217677597812937  
FV at Mutated Child #2 at Generation # 10 : 2406.0577203797448  
--> Family: # 75

FV at Mutated Child #1 at Generation # 10 : 0.9543129018945677  
FV at Mutated Child #2 at Generation # 10 : 1.27199712835213  
--> Family: # 76

FV at Mutated Child #1 at Generation # 10 : 5.12078122180707  
FV at Mutated Child #2 at Generation # 10 : 73.46905588478916  
--> Family: # 77

FV at Mutated Child #1 at Generation # 10 : 4.753527650003688  
FV at Mutated Child #2 at Generation # 10 : 18.67600717539851  
--> Family: # 78

FV at Mutated Child #1 at Generation # 10 : 10.199140020876316  
FV at Mutated Child #2 at Generation # 10 : 18.830637383804813  
--> Family: # 79

FV at Mutated Child #1 at Generation # 10 : 3.6047546704963267  
FV at Mutated Child #2 at Generation # 10 : 2.2596424573243343  
--> Family: # 80

FV at Mutated Child #1 at Generation # 10 : 2831.157572394152  
FV at Mutated Child #2 at Generation # 10 : 2097.1082598225375  
--> Generation: # 11  
--> Family: # 1

FV at Mutated Child #1 at Generation # 11 : 12.222219010264475  
FV at Mutated Child #2 at Generation # 11 : 63.75451820630091  
--> Family: # 2

FV at Mutated Child #1 at Generation # 11 : 63241.96722939453  
FV at Mutated Child #2 at Generation # 11 : 48390.60536461166  
--> Family: # 3

FV at Mutated Child #1 at Generation # 11 : 69.16264087803414  
FV at Mutated Child #2 at Generation # 11 : 50.12269667111582  
--> Family: # 4

FV at Mutated Child #1 at Generation # 11 : 34.859853868725345  
FV at Mutated Child #2 at Generation # 11 : 197.80887904600004  
--> Family: # 5

FV at Mutated Child #1 at Generation # 11 : 15.313096763526937  
FV at Mutated Child #2 at Generation # 11 : 30.98216944846205  
--> Family: # 6

FV at Mutated Child #1 at Generation # 11 : 42035.50008651976  
FV at Mutated Child #2 at Generation # 11 : 59265.382578224264  
--> Family: # 7

FV at Mutated Child #1 at Generation # 11 : 31642.461097834515  
FV at Mutated Child #2 at Generation # 11 : 29760.441613885036  
--> Family: # 8

FV at Mutated Child #1 at Generation # 11 : 3.6253824673295747  
FV at Mutated Child #2 at Generation # 11 : 8.999898126968702  
--> Family: # 9

FV at Mutated Child #1 at Generation # 11 : 6.456409670204366  
FV at Mutated Child #2 at Generation # 11 : 18.890108720235403  
--> Family: # 10

FV at Mutated Child #1 at Generation # 11 : 41.95943255085951  
FV at Mutated Child #2 at Generation # 11 : 1533.9552326205348  
--> Family: # 11

FV at Mutated Child #1 at Generation # 11 : 86.85429876324494  
FV at Mutated Child #2 at Generation # 11 : 762.5776854776375  
--> Family: # 12

FV at Mutated Child #1 at Generation # 11 : 29.567512986769948  
FV at Mutated Child #2 at Generation # 11 : 2.3602745486057706  
--> Family: # 13

FV at Mutated Child #1 at Generation # 11 : 68.83698349263186  
FV at Mutated Child #2 at Generation # 11 : 7.129425477746257  
--> Family: # 14

FV at Mutated Child #1 at Generation # 11 : 2.959334258944883  
FV at Mutated Child #2 at Generation # 11 : 147.853827242084  
--> Family: # 15

FV at Mutated Child #1 at Generation # 11 : 29.652864590681677  
FV at Mutated Child #2 at Generation # 11 : 197.9901557091309  
--> Family: # 16

FV at Mutated Child #1 at Generation # 11 : 6.505285422031994  
FV at Mutated Child #2 at Generation # 11 : 6.200948676207088  
--> Family: # 17

FV at Mutated Child #1 at Generation # 11 : 6.098073821580164  
FV at Mutated Child #2 at Generation # 11 : 555.7876437166736  
--> Family: # 18

FV at Mutated Child #1 at Generation # 11 : 1822.4201387982062  
FV at Mutated Child #2 at Generation # 11 : 1425.5543513355283  
--> Family: # 19

FV at Mutated Child #1 at Generation # 11 : 10.981816400106599  
FV at Mutated Child #2 at Generation # 11 : 2.298812874203669  
--> Family: # 20

FV at Mutated Child #1 at Generation # 11 : 3.419985051670099  
FV at Mutated Child #2 at Generation # 11 : 8.093092857301098  
--> Family: # 21

FV at Mutated Child #1 at Generation # 11 : 178.49528856547002



FV at Mutated Child #2 at Generation # 11 : 141.5044471970953  
--> Family: # 22

FV at Mutated Child #1 at Generation # 11 : 42.18063294017759  
FV at Mutated Child #2 at Generation # 11 : 5.348004471883392  
--> Family: # 23

FV at Mutated Child #1 at Generation # 11 : 8.184157116061343  
FV at Mutated Child #2 at Generation # 11 : 6.545870949437334  
--> Family: # 24

FV at Mutated Child #1 at Generation # 11 : 5.527731517277378  
FV at Mutated Child #2 at Generation # 11 : 7.844289798388513  
--> Family: # 25

FV at Mutated Child #1 at Generation # 11 : 35.69898231043215  
FV at Mutated Child #2 at Generation # 11 : 3.8267520377701465  
--> Family: # 26

FV at Mutated Child #1 at Generation # 11 : 12.236665563973677  
FV at Mutated Child #2 at Generation # 11 : 56.41322959642086  
--> Family: # 27

FV at Mutated Child #1 at Generation # 11 : 154.66070368003872  
FV at Mutated Child #2 at Generation # 11 : 143.8170467153448  
--> Family: # 28

FV at Mutated Child #1 at Generation # 11 : 19.24785486824785  
FV at Mutated Child #2 at Generation # 11 : 9.47695375279434  
--> Family: # 29

FV at Mutated Child #1 at Generation # 11 : 24.79721507229838  
FV at Mutated Child #2 at Generation # 11 : 2.002032460197799  
--> Family: # 30

FV at Mutated Child #1 at Generation # 11 : 269.60224427438106  
FV at Mutated Child #2 at Generation # 11 : 117.9011369734855  
--> Family: # 31

FV at Mutated Child #1 at Generation # 11 : 49.93307552513411  
FV at Mutated Child #2 at Generation # 11 : 38.239646301408655  
--> Family: # 32

FV at Mutated Child #1 at Generation # 11 : 3199.8156772481184  
FV at Mutated Child #2 at Generation # 11 : 1794.9819279670141  
--> Family: # 33

FV at Mutated Child #1 at Generation # 11 : 10.002877503317308  
FV at Mutated Child #2 at Generation # 11 : 3.9557280897432117  
--> Family: # 34

FV at Mutated Child #1 at Generation # 11 : 1.8217152015869034  
FV at Mutated Child #2 at Generation # 11 : 1.0287554112300845  
--> Family: # 35

FV at Mutated Child #1 at Generation # 11 : 12.032858041915446  
FV at Mutated Child #2 at Generation # 11 : 2407.0368741464126  
--> Family: # 36

FV at Mutated Child #1 at Generation # 11 : 61089.66683787683  
FV at Mutated Child #2 at Generation # 11 : 49836.73237721294

--> Family: # 37

FV at Mutated Child #1 at Generation # 11 : 15.303782180296112

FV at Mutated Child #2 at Generation # 11 : 4.825714155272587

--> Family: # 38

FV at Mutated Child #1 at Generation # 11 : 3.2750669438579036

FV at Mutated Child #2 at Generation # 11 : 192.8459369643487

--> Family: # 39

FV at Mutated Child #1 at Generation # 11 : 673.0654190000984

FV at Mutated Child #2 at Generation # 11 : 7.049651293993413

--> Family: # 40

FV at Mutated Child #1 at Generation # 11 : 215.02248594441494

FV at Mutated Child #2 at Generation # 11 : 20.912121383699237

--> Family: # 41

FV at Mutated Child #1 at Generation # 11 : 47244.57794468254

FV at Mutated Child #2 at Generation # 11 : 60154.12797054851

--> Family: # 42

FV at Mutated Child #1 at Generation # 11 : 246.86942184296416

FV at Mutated Child #2 at Generation # 11 : 1257.066978754095

--> Family: # 43

FV at Mutated Child #1 at Generation # 11 : 16.570908905368114

FV at Mutated Child #2 at Generation # 11 : 8.696337683447151

--> Family: # 44

FV at Mutated Child #1 at Generation # 11 : 55.89175705377994

FV at Mutated Child #2 at Generation # 11 : 218.05984418114588

--> Family: # 45

FV at Mutated Child #1 at Generation # 11 : 460.37606239978305

FV at Mutated Child #2 at Generation # 11 : 40.417438490954865

--> Family: # 46

FV at Mutated Child #1 at Generation # 11 : 150.41455257220574

FV at Mutated Child #2 at Generation # 11 : 30.98216944846205

--> Family: # 47

FV at Mutated Child #1 at Generation # 11 : 25.533049409377107

FV at Mutated Child #2 at Generation # 11 : 17.470119191746363

--> Family: # 48

FV at Mutated Child #1 at Generation # 11 : 2593.302883703753

FV at Mutated Child #2 at Generation # 11 : 2.6608320657014732

--> Family: # 49

FV at Mutated Child #1 at Generation # 11 : 89.476559876623

FV at Mutated Child #2 at Generation # 11 : 127.76018136094952

--> Family: # 50

FV at Mutated Child #1 at Generation # 11 : 3.5640000921921797

FV at Mutated Child #2 at Generation # 11 : 10.280033909290138

--> Family: # 51

FV at Mutated Child #1 at Generation # 11 : 38.586621463701825

FV at Mutated Child #2 at Generation # 11 : 16.752742504577043

--> Family: # 52

FV at Mutated Child #1 at Generation # 11 : 3.152434453011014  
FV at Mutated Child #2 at Generation # 11 : 156.68486100474337  
--> Family: # 53

FV at Mutated Child #1 at Generation # 11 : 97.38475217831072  
FV at Mutated Child #2 at Generation # 11 : 109.40925004470739  
--> Family: # 54

FV at Mutated Child #1 at Generation # 11 : 210.05637315691308  
FV at Mutated Child #2 at Generation # 11 : 33.86645506485104  
--> Family: # 55

FV at Mutated Child #1 at Generation # 11 : 157.82200468265114  
FV at Mutated Child #2 at Generation # 11 : 508.4548625877989  
--> Family: # 56

FV at Mutated Child #1 at Generation # 11 : 3.038013117825802  
FV at Mutated Child #2 at Generation # 11 : 5.519526820963001  
--> Family: # 57

FV at Mutated Child #1 at Generation # 11 : 30.414358797508424  
FV at Mutated Child #2 at Generation # 11 : 2.3263660987815307  
--> Family: # 58

FV at Mutated Child #1 at Generation # 11 : 26.271228366080376  
FV at Mutated Child #2 at Generation # 11 : 7.587465072284528  
--> Family: # 59

FV at Mutated Child #1 at Generation # 11 : 33.06492592430115  
FV at Mutated Child #2 at Generation # 11 : 17.90544231310965  
--> Family: # 60

FV at Mutated Child #1 at Generation # 11 : 214.73439812526127  
FV at Mutated Child #2 at Generation # 11 : 4.902759760080111  
--> Family: # 61

FV at Mutated Child #1 at Generation # 11 : 9.784737839096714  
FV at Mutated Child #2 at Generation # 11 : 16.27428920568727  
--> Family: # 62

FV at Mutated Child #1 at Generation # 11 : 148.03325666052325  
FV at Mutated Child #2 at Generation # 11 : 206.52463188109508  
--> Family: # 63

FV at Mutated Child #1 at Generation # 11 : 14.74823779422974  
FV at Mutated Child #2 at Generation # 11 : 0.9242815994838659  
--> Family: # 64

FV at Mutated Child #1 at Generation # 11 : 17.268208011684855  
FV at Mutated Child #2 at Generation # 11 : 21.060656014400088  
--> Family: # 65

FV at Mutated Child #1 at Generation # 11 : 149.7550538242567  
FV at Mutated Child #2 at Generation # 11 : 149.8561860233574  
--> Family: # 66

FV at Mutated Child #1 at Generation # 11 : 678.51749637617  
FV at Mutated Child #2 at Generation # 11 : 50.39272158922395  
--> Family: # 67

FV at Mutated Child #1 at Generation # 11 : 17.802606101383645  
FV at Mutated Child #2 at Generation # 11 : 9.75141717751053  
--> Family: # 68

FV at Mutated Child #1 at Generation # 11 : 0.912513226878178  
FV at Mutated Child #2 at Generation # 11 : 2.6483155897719945  
--> Family: # 69

FV at Mutated Child #1 at Generation # 11 : 6.587123186648901  
FV at Mutated Child #2 at Generation # 11 : 25.765661167379342  
--> Family: # 70

FV at Mutated Child #1 at Generation # 11 : 10.465583447416371  
FV at Mutated Child #2 at Generation # 11 : 0.7723977232593412  
--> Family: # 71

FV at Mutated Child #1 at Generation # 11 : 4.433291246542092  
FV at Mutated Child #2 at Generation # 11 : 18.171242403610748  
--> Family: # 72

FV at Mutated Child #1 at Generation # 11 : 210.15312316235398  
FV at Mutated Child #2 at Generation # 11 : 40.84875713575073  
--> Family: # 73

FV at Mutated Child #1 at Generation # 11 : 12.2340004781019  
FV at Mutated Child #2 at Generation # 11 : 43.64055211142429  
--> Family: # 74

FV at Mutated Child #1 at Generation # 11 : 16.168577844418255  
FV at Mutated Child #2 at Generation # 11 : 76.52312461318486  
--> Family: # 75

FV at Mutated Child #1 at Generation # 11 : 1869.7661152801725  
FV at Mutated Child #2 at Generation # 11 : 1933.0464049244708  
--> Family: # 76

FV at Mutated Child #1 at Generation # 11 : 123.0733697644272  
FV at Mutated Child #2 at Generation # 11 : 271.53375600765827  
--> Family: # 77

FV at Mutated Child #1 at Generation # 11 : 44.97929848777346  
FV at Mutated Child #2 at Generation # 11 : 194.5402763843262  
--> Family: # 78

FV at Mutated Child #1 at Generation # 11 : 8.543938378746814  
FV at Mutated Child #2 at Generation # 11 : 4.741971557136984  
--> Family: # 79

FV at Mutated Child #1 at Generation # 11 : 6.8885964583368295  
FV at Mutated Child #2 at Generation # 11 : 25.410481859579992  
--> Family: # 80

FV at Mutated Child #1 at Generation # 11 : 3.089123234004799  
FV at Mutated Child #2 at Generation # 11 : 5.376428003434972  
--> Generation: # 12  
--> Family: # 1

FV at Mutated Child #1 at Generation # 12 : 3.9239957052609276  
FV at Mutated Child #2 at Generation # 12 : 3.760610623758809  
--> Family: # 2

FV at Mutated Child #1 at Generation # 12 : 4.035606661940233  
FV at Mutated Child #2 at Generation # 12 : 41.29254568329437  
--> Family: # 3

FV at Mutated Child #1 at Generation # 12 : 7.004117373301828  
FV at Mutated Child #2 at Generation # 12 : 3.1559055379890975  
--> Family: # 4

FV at Mutated Child #1 at Generation # 12 : 14.350225671495862  
FV at Mutated Child #2 at Generation # 12 : 378.65015031811794  
--> Family: # 5

FV at Mutated Child #1 at Generation # 12 : 3217.202927674663  
FV at Mutated Child #2 at Generation # 12 : 1234.1436168788475  
--> Family: # 6

FV at Mutated Child #1 at Generation # 12 : 1.8616690351062894  
FV at Mutated Child #2 at Generation # 12 : 0.4378776461288451  
--> Family: # 7

FV at Mutated Child #1 at Generation # 12 : 43.930027344481275  
FV at Mutated Child #2 at Generation # 12 : 18.4338057928028  
--> Family: # 8

FV at Mutated Child #1 at Generation # 12 : 14.51175926094349  
FV at Mutated Child #2 at Generation # 12 : 17.906668043759776  
--> Family: # 9

FV at Mutated Child #1 at Generation # 12 : 16.230616880320543  
FV at Mutated Child #2 at Generation # 12 : 32.648623931350556  
--> Family: # 10

FV at Mutated Child #1 at Generation # 12 : 23.21591108070954  
FV at Mutated Child #2 at Generation # 12 : 4.091857830778091  
--> Family: # 11

FV at Mutated Child #1 at Generation # 12 : 1.5444604791955618  
FV at Mutated Child #2 at Generation # 12 : 0.804010754727305  
--> Family: # 12

FV at Mutated Child #1 at Generation # 12 : 7.09500514774672  
FV at Mutated Child #2 at Generation # 12 : 19.877485663400527  
--> Family: # 13

FV at Mutated Child #1 at Generation # 12 : 24989.824113711977  
FV at Mutated Child #2 at Generation # 12 : 19190.21811185885  
--> Family: # 14

FV at Mutated Child #1 at Generation # 12 : 2.4639388267342244  
FV at Mutated Child #2 at Generation # 12 : 5.411873873299209  
--> Family: # 15

FV at Mutated Child #1 at Generation # 12 : 1.8242770653738372  
FV at Mutated Child #2 at Generation # 12 : 1.0353723899725298  
--> Family: # 16

FV at Mutated Child #1 at Generation # 12 : 107.35282109662641  
FV at Mutated Child #2 at Generation # 12 : 2.399128216663492  
--> Family: # 17

FV at Mutated Child #1 at Generation # 12 : 4.317476380530698

FV at Mutated Child #2 at Generation # 12 : 1.71926255133861  
--> Family: # 18

FV at Mutated Child #1 at Generation # 12 : 98.56508354605506  
FV at Mutated Child #2 at Generation # 12 : 2.0336021086754568  
--> Family: # 19

FV at Mutated Child #1 at Generation # 12 : 10.465583447416371  
FV at Mutated Child #2 at Generation # 12 : 23.551651316937694  
--> Family: # 20

FV at Mutated Child #1 at Generation # 12 : 2.0388053164450146  
FV at Mutated Child #2 at Generation # 12 : 2.732609524991831  
--> Family: # 21

FV at Mutated Child #1 at Generation # 12 : 59209.5174548454  
FV at Mutated Child #2 at Generation # 12 : 35881.27630260744  
--> Family: # 22

FV at Mutated Child #1 at Generation # 12 : 499.8553760737345  
FV at Mutated Child #2 at Generation # 12 : 2.4510269763076957  
--> Family: # 23

FV at Mutated Child #1 at Generation # 12 : 23.5557264227559  
FV at Mutated Child #2 at Generation # 12 : 2.571167070329989  
--> Family: # 24

FV at Mutated Child #1 at Generation # 12 : 10.51722968954764  
FV at Mutated Child #2 at Generation # 12 : 3.8722517611362006  
--> Family: # 25

FV at Mutated Child #1 at Generation # 12 : 16.629931798692553  
FV at Mutated Child #2 at Generation # 12 : 21.96004664434306  
--> Family: # 26

FV at Mutated Child #1 at Generation # 12 : 6.698412152310047  
FV at Mutated Child #2 at Generation # 12 : 0.5755441616738695  
--> Family: # 27

FV at Mutated Child #1 at Generation # 12 : 2260.01349974794  
FV at Mutated Child #2 at Generation # 12 : 38.86204970773448  
--> Family: # 28

FV at Mutated Child #1 at Generation # 12 : 4.829931114641855  
FV at Mutated Child #2 at Generation # 12 : 6.7108034134442285  
--> Family: # 29

FV at Mutated Child #1 at Generation # 12 : 48.16853199040712  
FV at Mutated Child #2 at Generation # 12 : 0.5815265952434143  
--> Family: # 30

FV at Mutated Child #1 at Generation # 12 : 12.55633242038185  
FV at Mutated Child #2 at Generation # 12 : 529.6000460657755  
--> Family: # 31

FV at Mutated Child #1 at Generation # 12 : 5.780440374063897  
FV at Mutated Child #2 at Generation # 12 : 12.49761271250971  
--> Family: # 32

FV at Mutated Child #1 at Generation # 12 : 534.9136313842965  
FV at Mutated Child #2 at Generation # 12 : 141.61483146905357

--> Family: # 33

FV at Mutated Child #1 at Generation # 12 : 35.51388673294955

FV at Mutated Child #2 at Generation # 12 : 3.437445163426389

--> Family: # 34

FV at Mutated Child #1 at Generation # 12 : 17.92453712154362

FV at Mutated Child #2 at Generation # 12 : 4.4174346741555075

--> Family: # 35

FV at Mutated Child #1 at Generation # 12 : 15.409654736255982

FV at Mutated Child #2 at Generation # 12 : 156.49810760035317

--> Family: # 36

FV at Mutated Child #1 at Generation # 12 : 2.7453523796161385

FV at Mutated Child #2 at Generation # 12 : 57.41016173773345

--> Family: # 37

FV at Mutated Child #1 at Generation # 12 : 1.7295429040225652

FV at Mutated Child #2 at Generation # 12 : 14.670842206338078

--> Family: # 38

FV at Mutated Child #1 at Generation # 12 : 551.5109545047887

FV at Mutated Child #2 at Generation # 12 : 39.35688982533302

--> Family: # 39

FV at Mutated Child #1 at Generation # 12 : 1.7093354102973704

FV at Mutated Child #2 at Generation # 12 : 36.444800812906855

--> Family: # 40

FV at Mutated Child #1 at Generation # 12 : 13.186056501702177

FV at Mutated Child #2 at Generation # 12 : 1.3788351433940567

--> Family: # 41

FV at Mutated Child #1 at Generation # 12 : 3.357098859322246

FV at Mutated Child #2 at Generation # 12 : 0.8859416427674769

--> Family: # 42

FV at Mutated Child #1 at Generation # 12 : 1.0273834879369375

FV at Mutated Child #2 at Generation # 12 : 0.8066692702067089

--> Family: # 43

FV at Mutated Child #1 at Generation # 12 : 111.51977829967602

FV at Mutated Child #2 at Generation # 12 : 92.88065725581829

--> Family: # 44

FV at Mutated Child #1 at Generation # 12 : 114.67463471527384

FV at Mutated Child #2 at Generation # 12 : 1.3918441953264007

--> Family: # 45

FV at Mutated Child #1 at Generation # 12 : 38.30275505919145

FV at Mutated Child #2 at Generation # 12 : 2.2054578848897455

--> Family: # 46

FV at Mutated Child #1 at Generation # 12 : 12.714651012297995

FV at Mutated Child #2 at Generation # 12 : 1.6321227971544758

--> Family: # 47

FV at Mutated Child #1 at Generation # 12 : 19.87237425909842

FV at Mutated Child #2 at Generation # 12 : 11.065361981039985

--> Family: # 48

FV at Mutated Child #1 at Generation # 12 : 0.6384234750853309  
FV at Mutated Child #2 at Generation # 12 : 2.4329175333100164  
--> Family: # 49

FV at Mutated Child #1 at Generation # 12 : 1.76821144994414  
FV at Mutated Child #2 at Generation # 12 : 0.4165899693322879  
--> Family: # 50

FV at Mutated Child #1 at Generation # 12 : 602.7151766860991  
FV at Mutated Child #2 at Generation # 12 : 24.09303051806646  
--> Family: # 51

FV at Mutated Child #1 at Generation # 12 : 0.5153357696925984  
FV at Mutated Child #2 at Generation # 12 : 13.090611466210403  
--> Family: # 52

FV at Mutated Child #1 at Generation # 12 : 17.280568238633414  
FV at Mutated Child #2 at Generation # 12 : 166.172863229441  
--> Family: # 53

FV at Mutated Child #1 at Generation # 12 : 99.05498335570186  
FV at Mutated Child #2 at Generation # 12 : 14.04996077333447  
--> Family: # 54

FV at Mutated Child #1 at Generation # 12 : 2.505026680977049  
FV at Mutated Child #2 at Generation # 12 : 0.8868705662495762  
--> Family: # 55

FV at Mutated Child #1 at Generation # 12 : 2180.284863346527  
FV at Mutated Child #2 at Generation # 12 : 1981.995970061967  
--> Family: # 56

FV at Mutated Child #1 at Generation # 12 : 4.424926442938027  
FV at Mutated Child #2 at Generation # 12 : 0.5792058754693119  
--> Family: # 57

FV at Mutated Child #1 at Generation # 12 : 0.4167940231977678  
FV at Mutated Child #2 at Generation # 12 : 0.6842420201436658  
--> Family: # 58

FV at Mutated Child #1 at Generation # 12 : 2683.4268803233817  
FV at Mutated Child #2 at Generation # 12 : 1960.3230256265736  
--> Family: # 59

FV at Mutated Child #1 at Generation # 12 : 0.7714770459630296  
FV at Mutated Child #2 at Generation # 12 : 488.7622913832162  
--> Family: # 60

FV at Mutated Child #1 at Generation # 12 : 1.376960434060733  
FV at Mutated Child #2 at Generation # 12 : 29.89698139332384  
--> Family: # 61

FV at Mutated Child #1 at Generation # 12 : 54425.219053388806  
FV at Mutated Child #2 at Generation # 12 : 37842.4389379938  
--> Family: # 62

FV at Mutated Child #1 at Generation # 12 : 58.512001227971226  
FV at Mutated Child #2 at Generation # 12 : 2.1457355525378015  
--> Family: # 63



FV at Mutated Child #1 at Generation # 12 : 0.5318576863978821  
FV at Mutated Child #2 at Generation # 12 : 45.84703065875373  
--> Family: # 64

FV at Mutated Child #1 at Generation # 12 : 2404.6188305688265  
FV at Mutated Child #2 at Generation # 12 : 2133.981984446999  
--> Family: # 65

FV at Mutated Child #1 at Generation # 12 : 10.44493440238956  
FV at Mutated Child #2 at Generation # 12 : 1.174543738664429  
--> Family: # 66

FV at Mutated Child #1 at Generation # 12 : 11.222508732112056  
FV at Mutated Child #2 at Generation # 12 : 0.6839374167924768  
--> Family: # 67

FV at Mutated Child #1 at Generation # 12 : 0.604938003464086  
FV at Mutated Child #2 at Generation # 12 : 24.422250204332755  
--> Family: # 68

FV at Mutated Child #1 at Generation # 12 : 40415.47764809637  
FV at Mutated Child #2 at Generation # 12 : 58701.29564999676  
--> Family: # 69

FV at Mutated Child #1 at Generation # 12 : 0.4369642201979603  
FV at Mutated Child #2 at Generation # 12 : 19.391389616029578  
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FV at Mutated Child #1 at Generation # 12 : 2.619433338593331  
FV at Mutated Child #2 at Generation # 12 : 2.2921022156797957  
--> Family: # 71

FV at Mutated Child #1 at Generation # 12 : 4.108298136903874  
FV at Mutated Child #2 at Generation # 12 : 1.4392309539881174  
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FV at Mutated Child #1 at Generation # 12 : 1.1979749322746103  
FV at Mutated Child #2 at Generation # 12 : 15.119802075533448  
--> Family: # 73

FV at Mutated Child #1 at Generation # 12 : 77.84058723873345  
FV at Mutated Child #2 at Generation # 12 : 10.825887399116134  
--> Family: # 74

FV at Mutated Child #1 at Generation # 12 : 1.125131843368449  
FV at Mutated Child #2 at Generation # 12 : 1.831135351271202  
--> Family: # 75

FV at Mutated Child #1 at Generation # 12 : 40.37871202527522  
FV at Mutated Child #2 at Generation # 12 : 0.5455515827817249  
--> Family: # 76

FV at Mutated Child #1 at Generation # 12 : 1.927972044246231  
FV at Mutated Child #2 at Generation # 12 : 16.915652999336864  
--> Family: # 77

FV at Mutated Child #1 at Generation # 12 : 20.096479067723497  
FV at Mutated Child #2 at Generation # 12 : 2274.6810443580193  
--> Family: # 78

FV at Mutated Child #1 at Generation # 12 : 1.6046545483312986

FV at Mutated Child #2 at Generation # 12 : 170.4580995520334  
--> Family: # 79

FV at Mutated Child #1 at Generation # 12 : 13.476435589166432  
FV at Mutated Child #2 at Generation # 12 : 519.4872454342927  
--> Family: # 80

FV at Mutated Child #1 at Generation # 12 : 305.8085574590102  
FV at Mutated Child #2 at Generation # 12 : 20.040737472447848  
--> Generation: # 13  
--> Family: # 1

FV at Mutated Child #1 at Generation # 13 : 1483.3247336480758  
FV at Mutated Child #2 at Generation # 13 : 2308.6803411914475  
--> Family: # 2

FV at Mutated Child #1 at Generation # 13 : 541.4194585887326  
FV at Mutated Child #2 at Generation # 13 : 566.3144101660125  
--> Family: # 3

FV at Mutated Child #1 at Generation # 13 : 108.82391616270105  
FV at Mutated Child #2 at Generation # 13 : 6.5583459588164645  
--> Family: # 4

FV at Mutated Child #1 at Generation # 13 : 151.23866506695813  
FV at Mutated Child #2 at Generation # 13 : 0.8197401807410104  
--> Family: # 5

FV at Mutated Child #1 at Generation # 13 : 570.0330630776735  
FV at Mutated Child #2 at Generation # 13 : 33.82066090810654  
--> Family: # 6

FV at Mutated Child #1 at Generation # 13 : 2165.632760155959  
FV at Mutated Child #2 at Generation # 13 : 3714.0844774782213  
--> Family: # 7

FV at Mutated Child #1 at Generation # 13 : 591.679554816028  
FV at Mutated Child #2 at Generation # 13 : 5.026001968999115  
--> Family: # 8

FV at Mutated Child #1 at Generation # 13 : 16.688717568255086  
FV at Mutated Child #2 at Generation # 13 : 9.321440713292727  
--> Family: # 9

FV at Mutated Child #1 at Generation # 13 : 618.2163608861845  
FV at Mutated Child #2 at Generation # 13 : 55.25054950617184  
--> Family: # 10

FV at Mutated Child #1 at Generation # 13 : 604.2774990302162  
FV at Mutated Child #2 at Generation # 13 : 6.56188260367518  
--> Family: # 11

FV at Mutated Child #1 at Generation # 13 : 129.75503030170222  
FV at Mutated Child #2 at Generation # 13 : 18.789017129697513  
--> Family: # 12

FV at Mutated Child #1 at Generation # 13 : 8.113683350637984  
FV at Mutated Child #2 at Generation # 13 : 1.2257327350381095  
--> Family: # 13

FV at Mutated Child #1 at Generation # 13 : 1.6513115395007345

FV at Mutated Child #2 at Generation # 13 : 3.2285764580401364  
--> Family: # 14

FV at Mutated Child #1 at Generation # 13 : 15.677189805796004  
FV at Mutated Child #2 at Generation # 13 : 6.578431123129387  
--> Family: # 15

FV at Mutated Child #1 at Generation # 13 : 12.504648663119502  
FV at Mutated Child #2 at Generation # 13 : 538.149078274094  
--> Family: # 16

FV at Mutated Child #1 at Generation # 13 : 93.4251857586959  
FV at Mutated Child #2 at Generation # 13 : 21.384525393418283  
--> Family: # 17

FV at Mutated Child #1 at Generation # 13 : 1.1715360702685576  
FV at Mutated Child #2 at Generation # 13 : 2.678122416559409  
--> Family: # 18

FV at Mutated Child #1 at Generation # 13 : 31.08230961768345  
FV at Mutated Child #2 at Generation # 13 : 11.53520769829883  
--> Family: # 19

FV at Mutated Child #1 at Generation # 13 : 14.93827980194147  
FV at Mutated Child #2 at Generation # 13 : 42.12716177326472  
--> Family: # 20

FV at Mutated Child #1 at Generation # 13 : 2462.5673787478922  
FV at Mutated Child #2 at Generation # 13 : 7.0878281772579665  
--> Family: # 21

FV at Mutated Child #1 at Generation # 13 : 1.9144142199781324  
FV at Mutated Child #2 at Generation # 13 : 7.4882543083978765  
--> Family: # 22

FV at Mutated Child #1 at Generation # 13 : 13.029523644238674  
FV at Mutated Child #2 at Generation # 13 : 33.540257113773635  
--> Family: # 23

FV at Mutated Child #1 at Generation # 13 : 9.99474835067388  
FV at Mutated Child #2 at Generation # 13 : 1.442791479708935  
--> Family: # 24

FV at Mutated Child #1 at Generation # 13 : 3.9547062434383045  
FV at Mutated Child #2 at Generation # 13 : 633.9041026487873  
--> Family: # 25

FV at Mutated Child #1 at Generation # 13 : 7.527504653842068  
FV at Mutated Child #2 at Generation # 13 : 9.083652613287587  
--> Family: # 26

FV at Mutated Child #1 at Generation # 13 : 9.24841224007923  
FV at Mutated Child #2 at Generation # 13 : 155.0404596086351  
--> Family: # 27

FV at Mutated Child #1 at Generation # 13 : 12.453598021904458  
FV at Mutated Child #2 at Generation # 13 : 462.85238724410067  
--> Family: # 28

FV at Mutated Child #1 at Generation # 13 : 1.5719718759673191  
FV at Mutated Child #2 at Generation # 13 : 7.204266602190394

--> Family: # 29

FV at Mutated Child #1 at Generation # 13 : 112.93977355609411

FV at Mutated Child #2 at Generation # 13 : 5.675687269695216

--> Family: # 30

FV at Mutated Child #1 at Generation # 13 : 16.663191565583652

FV at Mutated Child #2 at Generation # 13 : 159.53787648376098

--> Family: # 31

FV at Mutated Child #1 at Generation # 13 : 7.780869931699335

FV at Mutated Child #2 at Generation # 13 : 10.893035771080006

--> Family: # 32

FV at Mutated Child #1 at Generation # 13 : 397.1256419408182

FV at Mutated Child #2 at Generation # 13 : 76.0584800211436

--> Family: # 33

FV at Mutated Child #1 at Generation # 13 : 4.9998763749909685

FV at Mutated Child #2 at Generation # 13 : 37.54163506545572

--> Family: # 34

FV at Mutated Child #1 at Generation # 13 : 622.6951763177228

FV at Mutated Child #2 at Generation # 13 : 608.6643930625592

--> Family: # 35

FV at Mutated Child #1 at Generation # 13 : 168.0844255347249

FV at Mutated Child #2 at Generation # 13 : 35.77873530587175

--> Family: # 36

FV at Mutated Child #1 at Generation # 13 : 8.937735438194677

FV at Mutated Child #2 at Generation # 13 : 21.236944250059143

--> Family: # 37

FV at Mutated Child #1 at Generation # 13 : 9.745920611140813

FV at Mutated Child #2 at Generation # 13 : 25.14087210422166

--> Family: # 38

FV at Mutated Child #1 at Generation # 13 : 34.39529416816757

FV at Mutated Child #2 at Generation # 13 : 12.032579411320965

--> Family: # 39

FV at Mutated Child #1 at Generation # 13 : 35.580138384079376

FV at Mutated Child #2 at Generation # 13 : 131.83295127686884

--> Family: # 40

FV at Mutated Child #1 at Generation # 13 : 26.289467987051093

FV at Mutated Child #2 at Generation # 13 : 9.380947646823575

--> Family: # 41

FV at Mutated Child #1 at Generation # 13 : 34.359445740751404

FV at Mutated Child #2 at Generation # 13 : 1.184424529557484

--> Family: # 42

FV at Mutated Child #1 at Generation # 13 : 13.116341205742344

FV at Mutated Child #2 at Generation # 13 : 8.221334077213193

--> Family: # 43

FV at Mutated Child #1 at Generation # 13 : 688.9382666286854

FV at Mutated Child #2 at Generation # 13 : 23.73514883615519

--> Family: # 44

FV at Mutated Child #1 at Generation # 13 : 129.49809394280052  
FV at Mutated Child #2 at Generation # 13 : 4.4067345734784  
--> Family: # 45

FV at Mutated Child #1 at Generation # 13 : 4.889093612621936  
FV at Mutated Child #2 at Generation # 13 : 1.8935975806925158  
--> Family: # 46

FV at Mutated Child #1 at Generation # 13 : 11.174713781056736  
FV at Mutated Child #2 at Generation # 13 : 3.584270197381916  
--> Family: # 47

FV at Mutated Child #1 at Generation # 13 : 29.61569371058927  
FV at Mutated Child #2 at Generation # 13 : 2489.9344204077684  
--> Family: # 48

FV at Mutated Child #1 at Generation # 13 : 499.97619305411104  
FV at Mutated Child #2 at Generation # 13 : 43.235772189511714  
--> Family: # 49

FV at Mutated Child #1 at Generation # 13 : 23.334611046715004  
FV at Mutated Child #2 at Generation # 13 : 15.826438970935223  
--> Family: # 50

FV at Mutated Child #1 at Generation # 13 : 3.975602892602822  
FV at Mutated Child #2 at Generation # 13 : 26.354621982417385  
--> Family: # 51

FV at Mutated Child #1 at Generation # 13 : 44.1586053393422  
FV at Mutated Child #2 at Generation # 13 : 590.2222997526911  
--> Family: # 52

FV at Mutated Child #1 at Generation # 13 : 36.811428633921786  
FV at Mutated Child #2 at Generation # 13 : 4.334054348802447  
--> Family: # 53

FV at Mutated Child #1 at Generation # 13 : 78.86276464258651  
FV at Mutated Child #2 at Generation # 13 : 161.21494309860267  
--> Family: # 54

FV at Mutated Child #1 at Generation # 13 : 5.904624907342569  
FV at Mutated Child #2 at Generation # 13 : 2.1051304710251872  
--> Family: # 55

FV at Mutated Child #1 at Generation # 13 : 546.1369574021264  
FV at Mutated Child #2 at Generation # 13 : 1.0681622283003673  
--> Family: # 56

FV at Mutated Child #1 at Generation # 13 : 3.685272165529321  
FV at Mutated Child #2 at Generation # 13 : 69.2231595901361  
--> Family: # 57

FV at Mutated Child #1 at Generation # 13 : 36.38886605525786  
FV at Mutated Child #2 at Generation # 13 : 9.976699936114965  
--> Family: # 58

FV at Mutated Child #1 at Generation # 13 : 127.15807160507129  
FV at Mutated Child #2 at Generation # 13 : 1.032868931027442  
--> Family: # 59

FV at Mutated Child #1 at Generation # 13 : 9.639141468682672  
FV at Mutated Child #2 at Generation # 13 : 16.729860187849805  
--> Family: # 60

FV at Mutated Child #1 at Generation # 13 : 1.82509650183109  
FV at Mutated Child #2 at Generation # 13 : 9.604294193620513  
--> Family: # 61

FV at Mutated Child #1 at Generation # 13 : 692.6278155927886  
FV at Mutated Child #2 at Generation # 13 : 11.878703942953276  
--> Family: # 62

FV at Mutated Child #1 at Generation # 13 : 5.636856367233034  
FV at Mutated Child #2 at Generation # 13 : 4.526648573151445  
--> Family: # 63

FV at Mutated Child #1 at Generation # 13 : 3.4358686657163116  
FV at Mutated Child #2 at Generation # 13 : 2.535543221397796  
--> Family: # 64

FV at Mutated Child #1 at Generation # 13 : 7.768488930165402  
FV at Mutated Child #2 at Generation # 13 : 0.5991943860535982  
--> Family: # 65

FV at Mutated Child #1 at Generation # 13 : 129.4771372994065  
FV at Mutated Child #2 at Generation # 13 : 117.17935265780083  
--> Family: # 66

FV at Mutated Child #1 at Generation # 13 : 14.95346227115489  
FV at Mutated Child #2 at Generation # 13 : 5.9802476983754005  
--> Family: # 67

FV at Mutated Child #1 at Generation # 13 : 66.15922637650607  
FV at Mutated Child #2 at Generation # 13 : 27.038557808054126  
--> Family: # 68

FV at Mutated Child #1 at Generation # 13 : 73.01893840488368  
FV at Mutated Child #2 at Generation # 13 : 36.08599550510686  
--> Family: # 69

FV at Mutated Child #1 at Generation # 13 : 72.56492224068681  
FV at Mutated Child #2 at Generation # 13 : 14.30745012477063  
--> Family: # 70

FV at Mutated Child #1 at Generation # 13 : 59.835272606318426  
FV at Mutated Child #2 at Generation # 13 : 7.346767353950028  
--> Family: # 71

FV at Mutated Child #1 at Generation # 13 : 4.09073131171677  
FV at Mutated Child #2 at Generation # 13 : 547.2477696176995  
--> Family: # 72

FV at Mutated Child #1 at Generation # 13 : 0.9210396001116186  
FV at Mutated Child #2 at Generation # 13 : 1.0055724272460835  
--> Family: # 73

FV at Mutated Child #1 at Generation # 13 : 162.24127506940835  
FV at Mutated Child #2 at Generation # 13 : 150.09424434975568  
--> Family: # 74

FV at Mutated Child #1 at Generation # 13 : 1550.0930148515934

FV at Mutated Child #2 at Generation # 13 : 2338.845143123414  
--> Family: # 75

FV at Mutated Child #1 at Generation # 13 : 9.909254886519173  
FV at Mutated Child #2 at Generation # 13 : 590.81544540605  
--> Family: # 76

FV at Mutated Child #1 at Generation # 13 : 151.5476047341777  
FV at Mutated Child #2 at Generation # 13 : 446.1883804573451  
--> Family: # 77

FV at Mutated Child #1 at Generation # 13 : 8.861444871897383  
FV at Mutated Child #2 at Generation # 13 : 2.468837468666545  
--> Family: # 78

FV at Mutated Child #1 at Generation # 13 : 5.298411065273059  
FV at Mutated Child #2 at Generation # 13 : 14.724779307690945  
--> Family: # 79

FV at Mutated Child #1 at Generation # 13 : 32.125291823249675  
FV at Mutated Child #2 at Generation # 13 : 38.23425832397513  
--> Family: # 80

FV at Mutated Child #1 at Generation # 13 : 43.66689500988317  
FV at Mutated Child #2 at Generation # 13 : 6.02480003853295  
--> Generation: # 14  
--> Family: # 1

FV at Mutated Child #1 at Generation # 14 : 14.250742001249757  
FV at Mutated Child #2 at Generation # 14 : 1.7394707065491433  
--> Family: # 2

FV at Mutated Child #1 at Generation # 14 : 2.1558184745011655  
FV at Mutated Child #2 at Generation # 14 : 2.136799578276538  
--> Family: # 3

FV at Mutated Child #1 at Generation # 14 : 3216.272073296412  
FV at Mutated Child #2 at Generation # 14 : 2296.20335259545  
--> Family: # 4

FV at Mutated Child #1 at Generation # 14 : 1.1240063830989728  
FV at Mutated Child #2 at Generation # 14 : 447.2864146713313  
--> Family: # 5

FV at Mutated Child #1 at Generation # 14 : 0.969199607787234  
FV at Mutated Child #2 at Generation # 14 : 1.3238665568580048  
--> Family: # 6

FV at Mutated Child #1 at Generation # 14 : 7.529880752191616  
FV at Mutated Child #2 at Generation # 14 : 58.02860042600363  
--> Family: # 7

FV at Mutated Child #1 at Generation # 14 : 0.31399196808657087  
FV at Mutated Child #2 at Generation # 14 : 0.4387589415803015  
--> Family: # 8

FV at Mutated Child #1 at Generation # 14 : 1.495372841869933  
FV at Mutated Child #2 at Generation # 14 : 1.6552849854135652  
--> Family: # 9

FV at Mutated Child #1 at Generation # 14 : 2.037948310245321

FV at Mutated Child #2 at Generation # 14 : 0.5265505807202003

--> Family: # 10

FV at Mutated Child #1 at Generation # 14 : 0.4815225223926216

FV at Mutated Child #2 at Generation # 14 : 34.69596422440338

--> Family: # 11

FV at Mutated Child #1 at Generation # 14 : 4.744532436943452

FV at Mutated Child #2 at Generation # 14 : 0.1935059121645824

--> Family: # 12

FV at Mutated Child #1 at Generation # 14 : 1.6135759588435117

FV at Mutated Child #2 at Generation # 14 : 7.126544669632507

--> Family: # 13

FV at Mutated Child #1 at Generation # 14 : 3.524724759866704

FV at Mutated Child #2 at Generation # 14 : 127.94517151054933

--> Family: # 14

FV at Mutated Child #1 at Generation # 14 : 12.840216267726422

FV at Mutated Child #2 at Generation # 14 : 8.60346190329864

--> Family: # 15

FV at Mutated Child #1 at Generation # 14 : 0.5386992383476217

FV at Mutated Child #2 at Generation # 14 : 4.733334424870095

--> Family: # 16

FV at Mutated Child #1 at Generation # 14 : 2.151981981576723

FV at Mutated Child #2 at Generation # 14 : 2.4235861419304854

--> Family: # 17

FV at Mutated Child #1 at Generation # 14 : 4.788146183319469

FV at Mutated Child #2 at Generation # 14 : 167.07091142924813

--> Family: # 18

FV at Mutated Child #1 at Generation # 14 : 37.75532699695855

FV at Mutated Child #2 at Generation # 14 : 14.505262946898927

--> Family: # 19

FV at Mutated Child #1 at Generation # 14 : 5.720760354480655

FV at Mutated Child #2 at Generation # 14 : 12.94085730229339

--> Family: # 20

FV at Mutated Child #1 at Generation # 14 : 1.471626418988221

FV at Mutated Child #2 at Generation # 14 : 23.844230447923728

--> Family: # 21

FV at Mutated Child #1 at Generation # 14 : 3.394057074312263

FV at Mutated Child #2 at Generation # 14 : 1.7062338397425985

--> Family: # 22

FV at Mutated Child #1 at Generation # 14 : 1.1073618431579746

FV at Mutated Child #2 at Generation # 14 : 3.905068772030368

--> Family: # 23

FV at Mutated Child #1 at Generation # 14 : 52137.982055754896

FV at Mutated Child #2 at Generation # 14 : 49324.33682308442

--> Family: # 24

FV at Mutated Child #1 at Generation # 14 : 0.6030474622940696

FV at Mutated Child #2 at Generation # 14 : 1.9394920577005998



--> Family: # 25

FV at Mutated Child #1 at Generation # 14 : 464.79571191642566

FV at Mutated Child #2 at Generation # 14 : 0.8417871625886937

--> Family: # 26

FV at Mutated Child #1 at Generation # 14 : 4.739276617448531

FV at Mutated Child #2 at Generation # 14 : 7.5774379739916995

--> Family: # 27

FV at Mutated Child #1 at Generation # 14 : 15.128663598019365

FV at Mutated Child #2 at Generation # 14 : 16.975880994435414

--> Family: # 28

FV at Mutated Child #1 at Generation # 14 : 25.194084666258387

FV at Mutated Child #2 at Generation # 14 : 509.18316797491116

--> Family: # 29

FV at Mutated Child #1 at Generation # 14 : 2942.55752221861

FV at Mutated Child #2 at Generation # 14 : 2500.2540362573745

--> Family: # 30

FV at Mutated Child #1 at Generation # 14 : 1.6258344383091363

FV at Mutated Child #2 at Generation # 14 : 13.06378934803245

--> Family: # 31

FV at Mutated Child #1 at Generation # 14 : 1.501875802126437

FV at Mutated Child #2 at Generation # 14 : 5.8218135060738305

--> Family: # 32

FV at Mutated Child #1 at Generation # 14 : 0.6388272157765298

FV at Mutated Child #2 at Generation # 14 : 0.7292827687006235

--> Family: # 33

FV at Mutated Child #1 at Generation # 14 : 22.26384599065685

FV at Mutated Child #2 at Generation # 14 : 14.966659596517522

--> Family: # 34

FV at Mutated Child #1 at Generation # 14 : 1.4197769112734235

FV at Mutated Child #2 at Generation # 14 : 39.85138293673413

--> Family: # 35

FV at Mutated Child #1 at Generation # 14 : 22.349861352520975

FV at Mutated Child #2 at Generation # 14 : 5.960660505899557

--> Family: # 36

FV at Mutated Child #1 at Generation # 14 : 4.235996476545561

FV at Mutated Child #2 at Generation # 14 : 0.5523479932767272

--> Family: # 37

FV at Mutated Child #1 at Generation # 14 : 19.90926588843667

FV at Mutated Child #2 at Generation # 14 : 4.346274279699804

--> Family: # 38

FV at Mutated Child #1 at Generation # 14 : 0.8133657440951405

FV at Mutated Child #2 at Generation # 14 : 17.625102650507745

--> Family: # 39

FV at Mutated Child #1 at Generation # 14 : 510.08927732985694

FV at Mutated Child #2 at Generation # 14 : 365.3985829214113

--> Family: # 40

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FV at Mutated Child #1 at Generation # 14 : 1.464252292621696
FV at Mutated Child #2 at Generation # 14 : 2206.3112804811362
--> Family: # 41

FV at Mutated Child #1 at Generation # 14 : 0.6129214167218848
FV at Mutated Child #2 at Generation # 14 : 1.0404863842952294
--> Family: # 42

FV at Mutated Child #1 at Generation # 14 : 43.49210539613949
FV at Mutated Child #2 at Generation # 14 : 1.7085773047100146
--> Family: # 43

FV at Mutated Child #1 at Generation # 14 : 41.65988541690351
FV at Mutated Child #2 at Generation # 14 : 0.5991943860535982
--> Family: # 44

FV at Mutated Child #1 at Generation # 14 : 208.9369124393495
FV at Mutated Child #2 at Generation # 14 : 3.979014233371736
--> Family: # 45

FV at Mutated Child #1 at Generation # 14 : 2.7343938074887713
FV at Mutated Child #2 at Generation # 14 : 99.12129693689994
--> Family: # 46

FV at Mutated Child #1 at Generation # 14 : 0.628088431195575
FV at Mutated Child #2 at Generation # 14 : 0.5941222916314471
--> Family: # 47

FV at Mutated Child #1 at Generation # 14 : 0.5785651814574688
FV at Mutated Child #2 at Generation # 14 : 21.597355526678296
--> Family: # 48

FV at Mutated Child #1 at Generation # 14 : 19.786225068141217
FV at Mutated Child #2 at Generation # 14 : 32.59345259900307
--> Family: # 49

FV at Mutated Child #1 at Generation # 14 : 7.065118681538418
FV at Mutated Child #2 at Generation # 14 : 101.24909727659316
--> Family: # 50

FV at Mutated Child #1 at Generation # 14 : 68.13927002342972
FV at Mutated Child #2 at Generation # 14 : 68.13927002342972
--> Family: # 51

FV at Mutated Child #1 at Generation # 14 : 16.327584895046858
FV at Mutated Child #2 at Generation # 14 : 2.136799578276538
--> Family: # 52

FV at Mutated Child #1 at Generation # 14 : 0.7786172410747796
FV at Mutated Child #2 at Generation # 14 : 1.2231516673104124
--> Family: # 53

FV at Mutated Child #1 at Generation # 14 : 3.2953821652397837
FV at Mutated Child #2 at Generation # 14 : 1.5227139690358436
--> Family: # 54

FV at Mutated Child #1 at Generation # 14 : 58.732549788542855
FV at Mutated Child #2 at Generation # 14 : 49.25312348873196
--> Family: # 55
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FV at Mutated Child #1 at Generation # 14 : 86.4898536618523  
FV at Mutated Child #2 at Generation # 14 : 7.595164070433886  
--> Family: # 56

FV at Mutated Child #1 at Generation # 14 : 1.2814161211693822  
FV at Mutated Child #2 at Generation # 14 : 3.434571473370906  
--> Family: # 57

FV at Mutated Child #1 at Generation # 14 : 38.91413078247065  
FV at Mutated Child #2 at Generation # 14 : 1.3514034508816553  
--> Family: # 58

FV at Mutated Child #1 at Generation # 14 : 47.94735075258331  
FV at Mutated Child #2 at Generation # 14 : 28.784304444136236  
--> Family: # 59

FV at Mutated Child #1 at Generation # 14 : 5.0516985748227725  
FV at Mutated Child #2 at Generation # 14 : 1.8994370142893762  
--> Family: # 60

FV at Mutated Child #1 at Generation # 14 : 10.204793539176299  
FV at Mutated Child #2 at Generation # 14 : 105.6236401178983  
--> Family: # 61

FV at Mutated Child #1 at Generation # 14 : 8.041117735748239  
FV at Mutated Child #2 at Generation # 14 : 13.318363052994293  
--> Family: # 62

FV at Mutated Child #1 at Generation # 14 : 2283.194323611954  
FV at Mutated Child #2 at Generation # 14 : 2411.5034197179466  
--> Family: # 63

FV at Mutated Child #1 at Generation # 14 : 8.393099916033982  
FV at Mutated Child #2 at Generation # 14 : 6.810370029543687  
--> Family: # 64

FV at Mutated Child #1 at Generation # 14 : 2.5756484506163897  
FV at Mutated Child #2 at Generation # 14 : 96.23274083243722  
--> Family: # 65

FV at Mutated Child #1 at Generation # 14 : 16.983477656219446  
FV at Mutated Child #2 at Generation # 14 : 5.456942789465842  
--> Family: # 66

FV at Mutated Child #1 at Generation # 14 : 831.7997801385716  
FV at Mutated Child #2 at Generation # 14 : 1529.6340909108376  
--> Family: # 67

FV at Mutated Child #1 at Generation # 14 : 7.56343106028732  
FV at Mutated Child #2 at Generation # 14 : 6.576831140416875  
--> Family: # 68

FV at Mutated Child #1 at Generation # 14 : 0.5280337047153596  
FV at Mutated Child #2 at Generation # 14 : 11.291288721912828  
--> Family: # 69

FV at Mutated Child #1 at Generation # 14 : 3.388495752854598  
FV at Mutated Child #2 at Generation # 14 : 20.340130373381186  
--> Family: # 70

FV at Mutated Child #1 at Generation # 14 : 1.1872181615350001

FV at Mutated Child #2 at Generation # 14 : 0.6067859326538685

--> Family: # 71

FV at Mutated Child #1 at Generation # 14 : 0.8542421486796378

FV at Mutated Child #2 at Generation # 14 : 0.8631809668401395

--> Family: # 72

FV at Mutated Child #1 at Generation # 14 : 5.575593136092037

FV at Mutated Child #2 at Generation # 14 : 12.713515140934094

--> Family: # 73

FV at Mutated Child #1 at Generation # 14 : 5.758949253471549

FV at Mutated Child #2 at Generation # 14 : 1.930143409871987

--> Family: # 74

FV at Mutated Child #1 at Generation # 14 : 0.5815265952434143

FV at Mutated Child #2 at Generation # 14 : 80.56602777535915

--> Family: # 75

FV at Mutated Child #1 at Generation # 14 : 0.5742131691842997

FV at Mutated Child #2 at Generation # 14 : 23.684064298872364

--> Family: # 76

FV at Mutated Child #1 at Generation # 14 : 3.483748244441066

FV at Mutated Child #2 at Generation # 14 : 111.72093667796169

--> Family: # 77

FV at Mutated Child #1 at Generation # 14 : 43.7980431645418

FV at Mutated Child #2 at Generation # 14 : 0.7787329166745789

--> Family: # 78

FV at Mutated Child #1 at Generation # 14 : 107.52429027933563

FV at Mutated Child #2 at Generation # 14 : 0.6513821959711177

--> Family: # 79

FV at Mutated Child #1 at Generation # 14 : 63.49654827730107

FV at Mutated Child #2 at Generation # 14 : 218.99136193903752

--> Family: # 80

FV at Mutated Child #1 at Generation # 14 : 31.75650189785454

FV at Mutated Child #2 at Generation # 14 : 6.274314465346162

--> Generation: # 15

--> Family: # 1

FV at Mutated Child #1 at Generation # 15 : 2445.9290373051977

FV at Mutated Child #2 at Generation # 15 : 3.1316630448722305

--> Family: # 2

FV at Mutated Child #1 at Generation # 15 : 14.80615350166065

FV at Mutated Child #2 at Generation # 15 : 2393.346231305347

--> Family: # 3

FV at Mutated Child #1 at Generation # 15 : 13.631305803676542

FV at Mutated Child #2 at Generation # 15 : 0.775028867514508

--> Family: # 4

FV at Mutated Child #1 at Generation # 15 : 1.5032856978797913

FV at Mutated Child #2 at Generation # 15 : 42.666024109100825

--> Family: # 5

FV at Mutated Child #1 at Generation # 15 : 10.981146904774851

FV at Mutated Child #2 at Generation # 15 : 13.283485476979111  
--> Family: # 6

FV at Mutated Child #1 at Generation # 15 : 12.393704395251532  
FV at Mutated Child #2 at Generation # 15 : 4.09073131171677  
--> Family: # 7

FV at Mutated Child #1 at Generation # 15 : 662.056305258537  
FV at Mutated Child #2 at Generation # 15 : 8.481736341093898  
--> Family: # 8

FV at Mutated Child #1 at Generation # 15 : 38.865997850187426  
FV at Mutated Child #2 at Generation # 15 : 0.5983894292352919  
--> Family: # 9

FV at Mutated Child #1 at Generation # 15 : 2189.3967188198462  
FV at Mutated Child #2 at Generation # 15 : 1804.13358186965  
--> Family: # 10

FV at Mutated Child #1 at Generation # 15 : 7.108974369352996  
FV at Mutated Child #2 at Generation # 15 : 2.2817442308066287  
--> Family: # 11

FV at Mutated Child #1 at Generation # 15 : 10.486980350355893  
FV at Mutated Child #2 at Generation # 15 : 3.8694371597363566  
--> Family: # 12

FV at Mutated Child #1 at Generation # 15 : 42.19037551673456  
FV at Mutated Child #2 at Generation # 15 : 593.411851471575  
--> Family: # 13

FV at Mutated Child #1 at Generation # 15 : 13.90767243676249  
FV at Mutated Child #2 at Generation # 15 : 3.3628305602394617  
--> Family: # 14

FV at Mutated Child #1 at Generation # 15 : 7.901669750593471  
FV at Mutated Child #2 at Generation # 15 : 1.7260821197086467  
--> Family: # 15

FV at Mutated Child #1 at Generation # 15 : 116.53761945341247  
FV at Mutated Child #2 at Generation # 15 : 13.724850787171452  
--> Family: # 16

FV at Mutated Child #1 at Generation # 15 : 3981.8455523746297  
FV at Mutated Child #2 at Generation # 15 : 4445.327765220618  
--> Family: # 17

FV at Mutated Child #1 at Generation # 15 : 137.84177419100956  
FV at Mutated Child #2 at Generation # 15 : 604.0423009986491  
--> Family: # 18

FV at Mutated Child #1 at Generation # 15 : 144.65115642139608  
FV at Mutated Child #2 at Generation # 15 : 497.66054200128247  
--> Family: # 19

FV at Mutated Child #1 at Generation # 15 : 10.657139882319756  
FV at Mutated Child #2 at Generation # 15 : 33.024719526761224  
--> Family: # 20

FV at Mutated Child #1 at Generation # 15 : 149.57051651049332  
FV at Mutated Child #2 at Generation # 15 : 0.8282594053973489

--> Family: # 21

FV at Mutated Child #1 at Generation # 15 : 541.4622675790492  
FV at Mutated Child #2 at Generation # 15 : 134.07394026016453

--> Family: # 22

FV at Mutated Child #1 at Generation # 15 : 2370.4247198269327  
FV at Mutated Child #2 at Generation # 15 : 2617.497532744817

--> Family: # 23

FV at Mutated Child #1 at Generation # 15 : 15.445941686909721  
FV at Mutated Child #2 at Generation # 15 : 8.256623998090271

--> Family: # 24

FV at Mutated Child #1 at Generation # 15 : 18.988631343733577  
FV at Mutated Child #2 at Generation # 15 : 9.774049667070898

--> Family: # 25

FV at Mutated Child #1 at Generation # 15 : 23.862552974989754  
FV at Mutated Child #2 at Generation # 15 : 20.817850306345875

--> Family: # 26

FV at Mutated Child #1 at Generation # 15 : 167.12316789254666  
FV at Mutated Child #2 at Generation # 15 : 44.18407995706782

--> Family: # 27

FV at Mutated Child #1 at Generation # 15 : 22.81882025440221  
FV at Mutated Child #2 at Generation # 15 : 2.6165331479097858

--> Family: # 28

FV at Mutated Child #1 at Generation # 15 : 1.0954236998070739  
FV at Mutated Child #2 at Generation # 15 : 22.81882025440221

--> Family: # 29

FV at Mutated Child #1 at Generation # 15 : 37.495144088527994  
FV at Mutated Child #2 at Generation # 15 : 2435.354839887472

--> Family: # 30

FV at Mutated Child #1 at Generation # 15 : 4.506236403370831  
FV at Mutated Child #2 at Generation # 15 : 55.45732595932318

--> Family: # 31

FV at Mutated Child #1 at Generation # 15 : 48.18342017941809  
FV at Mutated Child #2 at Generation # 15 : 37.37654477156704

--> Family: # 32

FV at Mutated Child #1 at Generation # 15 : 5.738815511200304  
FV at Mutated Child #2 at Generation # 15 : 21.992097245024627

--> Family: # 33

FV at Mutated Child #1 at Generation # 15 : 1.4914257815346177  
FV at Mutated Child #2 at Generation # 15 : 8.067380430840808

--> Family: # 34

FV at Mutated Child #1 at Generation # 15 : 39.61216057164095  
FV at Mutated Child #2 at Generation # 15 : 34.22197210941622

--> Family: # 35

FV at Mutated Child #1 at Generation # 15 : 157.1748922104736  
FV at Mutated Child #2 at Generation # 15 : 4.60155261800384

--> Family: # 36

FV at Mutated Child #1 at Generation # 15 : 31.17263767867486  
FV at Mutated Child #2 at Generation # 15 : 180.4106558058144  
--> Family: # 37

FV at Mutated Child #1 at Generation # 15 : 30.411324529397856  
FV at Mutated Child #2 at Generation # 15 : 142.75634839002964  
--> Family: # 38

FV at Mutated Child #1 at Generation # 15 : 12.780054886342175  
FV at Mutated Child #2 at Generation # 15 : 14.950175755051962  
--> Family: # 39

FV at Mutated Child #1 at Generation # 15 : 130.10194126423738  
FV at Mutated Child #2 at Generation # 15 : 36.4505653660858  
--> Family: # 40

FV at Mutated Child #1 at Generation # 15 : 13.971469305684627  
FV at Mutated Child #2 at Generation # 15 : 132.28286268156953  
--> Family: # 41

FV at Mutated Child #1 at Generation # 15 : 16.663191565583652  
FV at Mutated Child #2 at Generation # 15 : 41.735638004391426  
--> Family: # 42

FV at Mutated Child #1 at Generation # 15 : 33.0650184208247  
FV at Mutated Child #2 at Generation # 15 : 589.321344720864  
--> Family: # 43

FV at Mutated Child #1 at Generation # 15 : 18.909990306145243  
FV at Mutated Child #2 at Generation # 15 : 36.89087117159868  
--> Family: # 44

FV at Mutated Child #1 at Generation # 15 : 16.10067802620015  
FV at Mutated Child #2 at Generation # 15 : 7.463016029930497  
--> Family: # 45

FV at Mutated Child #1 at Generation # 15 : 22.32463915255575  
FV at Mutated Child #2 at Generation # 15 : 137.65670285514125  
--> Family: # 46

FV at Mutated Child #1 at Generation # 15 : 55.257097881565734  
FV at Mutated Child #2 at Generation # 15 : 3.959616145419016  
--> Family: # 47

FV at Mutated Child #1 at Generation # 15 : 1.7287970959503607  
FV at Mutated Child #2 at Generation # 15 : 38.51790555556428  
--> Family: # 48

FV at Mutated Child #1 at Generation # 15 : 42.88887147693286  
FV at Mutated Child #2 at Generation # 15 : 2.0489982703675387  
--> Family: # 49

FV at Mutated Child #1 at Generation # 15 : 27.06674088752032  
FV at Mutated Child #2 at Generation # 15 : 11.211754175852851  
--> Family: # 50

FV at Mutated Child #1 at Generation # 15 : 22.431489689957203  
FV at Mutated Child #2 at Generation # 15 : 143.924279465232  
--> Family: # 51

FV at Mutated Child #1 at Generation # 15 : 541.5570548562596  
FV at Mutated Child #2 at Generation # 15 : 220.10448674627972  
--> Family: # 52

FV at Mutated Child #1 at Generation # 15 : 107.15836815467907  
FV at Mutated Child #2 at Generation # 15 : 120.67438960912244  
--> Family: # 53

FV at Mutated Child #1 at Generation # 15 : 40.69257886896055  
FV at Mutated Child #2 at Generation # 15 : 0.6893333109535634  
--> Family: # 54

FV at Mutated Child #1 at Generation # 15 : 3.427536855947456  
FV at Mutated Child #2 at Generation # 15 : 24.877911750368398  
--> Family: # 55

FV at Mutated Child #1 at Generation # 15 : 7.786681941538886  
FV at Mutated Child #2 at Generation # 15 : 34.08666938338872  
--> Family: # 56

FV at Mutated Child #1 at Generation # 15 : 36.56047057284968  
FV at Mutated Child #2 at Generation # 15 : 42.93403094518584  
--> Family: # 57

FV at Mutated Child #1 at Generation # 15 : 11.599133467843556  
FV at Mutated Child #2 at Generation # 15 : 47.23467630085489  
--> Family: # 58

FV at Mutated Child #1 at Generation # 15 : 28.784304444136236  
FV at Mutated Child #2 at Generation # 15 : 21.197153756950165  
--> Family: # 59

FV at Mutated Child #1 at Generation # 15 : 38.44633387187728  
FV at Mutated Child #2 at Generation # 15 : 6.260599697852173  
--> Family: # 60

FV at Mutated Child #1 at Generation # 15 : 12.171509414131279  
FV at Mutated Child #2 at Generation # 15 : 4.694264049908657  
--> Family: # 61

FV at Mutated Child #1 at Generation # 15 : 1.9144142199781324  
FV at Mutated Child #2 at Generation # 15 : 2.607585073408275  
--> Family: # 62

FV at Mutated Child #1 at Generation # 15 : 14.505262946898927  
FV at Mutated Child #2 at Generation # 15 : 18.48339330594661  
--> Family: # 63

FV at Mutated Child #1 at Generation # 15 : 2.538729441009046  
FV at Mutated Child #2 at Generation # 15 : 1.527497213831169  
--> Family: # 64

FV at Mutated Child #1 at Generation # 15 : 186.0610523912018  
FV at Mutated Child #2 at Generation # 15 : 123.77996686674689  
--> Family: # 65

FV at Mutated Child #1 at Generation # 15 : 45374.82241752751  
FV at Mutated Child #2 at Generation # 15 : 38654.920356497605  
--> Family: # 66

FV at Mutated Child #1 at Generation # 15 : 10.04979882214883



FV at Mutated Child #2 at Generation # 15 : 15.104720986781103  
--> Family: # 67

FV at Mutated Child #1 at Generation # 15 : 26.130302956148896  
FV at Mutated Child #2 at Generation # 15 : 17.230404901366786  
--> Family: # 68

FV at Mutated Child #1 at Generation # 15 : 3.3866864873876827  
FV at Mutated Child #2 at Generation # 15 : 7.120518932046812  
--> Family: # 69

FV at Mutated Child #1 at Generation # 15 : 21.645714952369786  
FV at Mutated Child #2 at Generation # 15 : 109.02279470976013  
--> Family: # 70

FV at Mutated Child #1 at Generation # 15 : 12.589620056600245  
FV at Mutated Child #2 at Generation # 15 : 543.7674789205997  
--> Family: # 71

FV at Mutated Child #1 at Generation # 15 : 1.3097046160578523  
FV at Mutated Child #2 at Generation # 15 : 1.535333448642077  
--> Family: # 72

FV at Mutated Child #1 at Generation # 15 : 2913.8824192970706  
FV at Mutated Child #2 at Generation # 15 : 2487.6717833648536  
--> Family: # 73

FV at Mutated Child #1 at Generation # 15 : 5.667437453519753  
FV at Mutated Child #2 at Generation # 15 : 1.1426542222182035  
--> Family: # 74

FV at Mutated Child #1 at Generation # 15 : 620.569882207781  
FV at Mutated Child #2 at Generation # 15 : 1.5469830046294644  
--> Family: # 75

FV at Mutated Child #1 at Generation # 15 : 20.709622388515275  
FV at Mutated Child #2 at Generation # 15 : 42.19037551673456  
--> Family: # 76

FV at Mutated Child #1 at Generation # 15 : 7.081634833054097  
FV at Mutated Child #2 at Generation # 15 : 717.9711536885196  
--> Family: # 77

FV at Mutated Child #1 at Generation # 15 : 22.392229975177614  
FV at Mutated Child #2 at Generation # 15 : 6.208825207791945  
--> Family: # 78

FV at Mutated Child #1 at Generation # 15 : 31.144030194036397  
FV at Mutated Child #2 at Generation # 15 : 153.2601688589775  
--> Family: # 79

FV at Mutated Child #1 at Generation # 15 : 96.40090251091084  
FV at Mutated Child #2 at Generation # 15 : 569.3746247538639  
--> Family: # 80

FV at Mutated Child #1 at Generation # 15 : 140.92795583346413  
FV at Mutated Child #2 at Generation # 15 : 152.63705741627734  
--> Generation: # 16  
--> Family: # 1

FV at Mutated Child #1 at Generation # 16 : 1.7060780732400003

FV at Mutated Child #2 at Generation # 16 : 12.489116513969238  
--> Family: # 2

FV at Mutated Child #1 at Generation # 16 : 591.3480052539712  
FV at Mutated Child #2 at Generation # 16 : 0.7248633104603501  
--> Family: # 3

FV at Mutated Child #1 at Generation # 16 : 2.8070954635504193  
FV at Mutated Child #2 at Generation # 16 : 2.7125070598740164  
--> Family: # 4

FV at Mutated Child #1 at Generation # 16 : 0.7606794923410389  
FV at Mutated Child #2 at Generation # 16 : 4.450852241473423  
--> Family: # 5

FV at Mutated Child #1 at Generation # 16 : 1.4076091303617764  
FV at Mutated Child #2 at Generation # 16 : 120.43457401178931  
--> Family: # 6

FV at Mutated Child #1 at Generation # 16 : 0.4802197946072844  
FV at Mutated Child #2 at Generation # 16 : 0.8096036964089863  
--> Family: # 7

FV at Mutated Child #1 at Generation # 16 : 18.196068762385288  
FV at Mutated Child #2 at Generation # 16 : 0.665732441703893  
--> Family: # 8

FV at Mutated Child #1 at Generation # 16 : 2.6799009275597383  
FV at Mutated Child #2 at Generation # 16 : 2.8517947401511856  
--> Family: # 9

FV at Mutated Child #1 at Generation # 16 : 1.9938361205310218  
FV at Mutated Child #2 at Generation # 16 : 21.55646833948658  
--> Family: # 10

FV at Mutated Child #1 at Generation # 16 : 110.5689333940298  
FV at Mutated Child #2 at Generation # 16 : 4.938992715630735  
--> Family: # 11

FV at Mutated Child #1 at Generation # 16 : 479.01829837969154  
FV at Mutated Child #2 at Generation # 16 : 95.30959455883989  
--> Family: # 12

FV at Mutated Child #1 at Generation # 16 : 3769.861018871901  
FV at Mutated Child #2 at Generation # 16 : 2199.688830057793  
--> Family: # 13

FV at Mutated Child #1 at Generation # 16 : 29213.55572618237  
FV at Mutated Child #2 at Generation # 16 : 51796.15059530451  
--> Family: # 14

FV at Mutated Child #1 at Generation # 16 : 3.597573147051995  
FV at Mutated Child #2 at Generation # 16 : 119.08589669153582  
--> Family: # 15

FV at Mutated Child #1 at Generation # 16 : 5.005978557772244  
FV at Mutated Child #2 at Generation # 16 : 392.658745521664  
--> Family: # 16

FV at Mutated Child #1 at Generation # 16 : 4.497117307200469  
FV at Mutated Child #2 at Generation # 16 : 68.29496623682282

--> Family: # 17

FV at Mutated Child #1 at Generation # 16 : 0.7318608729948983

FV at Mutated Child #2 at Generation # 16 : 5.630700662908408

--> Family: # 18

FV at Mutated Child #1 at Generation # 16 : 2.5652792336062005

FV at Mutated Child #2 at Generation # 16 : 1.856504448477159

--> Family: # 19

FV at Mutated Child #1 at Generation # 16 : 19.215937139455203

FV at Mutated Child #2 at Generation # 16 : 594.3397985651055

--> Family: # 20

FV at Mutated Child #1 at Generation # 16 : 552.8895510462348

FV at Mutated Child #2 at Generation # 16 : 3.2890487619508835

--> Family: # 21

FV at Mutated Child #1 at Generation # 16 : 2.9205405024352786

FV at Mutated Child #2 at Generation # 16 : 1.7558901990127143

--> Family: # 22

FV at Mutated Child #1 at Generation # 16 : 1.930143409871987

FV at Mutated Child #2 at Generation # 16 : 7.641463647439066

--> Family: # 23

FV at Mutated Child #1 at Generation # 16 : 69.03510694358395

FV at Mutated Child #2 at Generation # 16 : 3.809760927827185

--> Family: # 24

FV at Mutated Child #1 at Generation # 16 : 2.8186644296207066

FV at Mutated Child #2 at Generation # 16 : 596.2557331361596

--> Family: # 25

FV at Mutated Child #1 at Generation # 16 : 114.22395277451156

FV at Mutated Child #2 at Generation # 16 : 1.237644223478627

--> Family: # 26

FV at Mutated Child #1 at Generation # 16 : 106.84865979139627

FV at Mutated Child #2 at Generation # 16 : 1.068381254012788

--> Family: # 27

FV at Mutated Child #1 at Generation # 16 : 0.47420000949703195

FV at Mutated Child #2 at Generation # 16 : 0.6717630393917702

--> Family: # 28

FV at Mutated Child #1 at Generation # 16 : 0.40403350563578017

FV at Mutated Child #2 at Generation # 16 : 0.5877985936393321

--> Family: # 29

FV at Mutated Child #1 at Generation # 16 : 1.1637611684530986

FV at Mutated Child #2 at Generation # 16 : 0.512084258901654

--> Family: # 30

FV at Mutated Child #1 at Generation # 16 : 1.668065178703704

FV at Mutated Child #2 at Generation # 16 : 583.7483143408217

--> Family: # 31

FV at Mutated Child #1 at Generation # 16 : 3.4617906410969423

FV at Mutated Child #2 at Generation # 16 : 3.4562428409448396

--> Family: # 32

FV at Mutated Child #1 at Generation # 16 : 83.51599303055497  
FV at Mutated Child #2 at Generation # 16 : 86.47249499500376  
--> Family: # 33

FV at Mutated Child #1 at Generation # 16 : 36.29895651853996  
FV at Mutated Child #2 at Generation # 16 : 119.03173270314433  
--> Family: # 34

FV at Mutated Child #1 at Generation # 16 : 0.9544089282330889  
FV at Mutated Child #2 at Generation # 16 : 3.728456183425523  
--> Family: # 35

FV at Mutated Child #1 at Generation # 16 : 0.25242381846934203  
FV at Mutated Child #2 at Generation # 16 : 10.358577664635066  
--> Family: # 36

FV at Mutated Child #1 at Generation # 16 : 115.03799701378988  
FV at Mutated Child #2 at Generation # 16 : 2.5310700446216643  
--> Family: # 37

FV at Mutated Child #1 at Generation # 16 : 1.4375635469514658  
FV at Mutated Child #2 at Generation # 16 : 0.45902278912671485  
--> Family: # 38

FV at Mutated Child #1 at Generation # 16 : 0.5769298629293161  
FV at Mutated Child #2 at Generation # 16 : 119.97375188060528  
--> Family: # 39

FV at Mutated Child #1 at Generation # 16 : 0.3885929994108942  
FV at Mutated Child #2 at Generation # 16 : 0.6545345914390603  
--> Family: # 40

FV at Mutated Child #1 at Generation # 16 : 72.76183202919248  
FV at Mutated Child #2 at Generation # 16 : 72.75027373833663  
--> Family: # 41

FV at Mutated Child #1 at Generation # 16 : 0.6759935593391858  
FV at Mutated Child #2 at Generation # 16 : 0.6835897545392611  
--> Family: # 42

FV at Mutated Child #1 at Generation # 16 : 1.8087403272953275  
FV at Mutated Child #2 at Generation # 16 : 0.566023839486218  
--> Family: # 43

FV at Mutated Child #1 at Generation # 16 : 21.287158010414903  
FV at Mutated Child #2 at Generation # 16 : 0.6209960739553668  
--> Family: # 44

FV at Mutated Child #1 at Generation # 16 : 34.51144398025175  
FV at Mutated Child #2 at Generation # 16 : 8.048426255700031  
--> Family: # 45

FV at Mutated Child #1 at Generation # 16 : 480.4901614891161  
FV at Mutated Child #2 at Generation # 16 : 4.8565126447509135  
--> Family: # 46

FV at Mutated Child #1 at Generation # 16 : 1.035950539824413  
FV at Mutated Child #2 at Generation # 16 : 27.013024015572025  
--> Family: # 47

FV at Mutated Child #1 at Generation # 16 : 7.6235642705401645

FV at Mutated Child #2 at Generation # 16 : 1.0319256282321163

--> Family: # 48

FV at Mutated Child #1 at Generation # 16 : 6.170679360586281

FV at Mutated Child #2 at Generation # 16 : 0.3192281606087173

--> Family: # 49

FV at Mutated Child #1 at Generation # 16 : 159.4050977104079

FV at Mutated Child #2 at Generation # 16 : 38.804301616730044

--> Family: # 50

FV at Mutated Child #1 at Generation # 16 : 0.7937807074329333

FV at Mutated Child #2 at Generation # 16 : 2059.9020334137044

--> Family: # 51

FV at Mutated Child #1 at Generation # 16 : 0.3957557442405989

FV at Mutated Child #2 at Generation # 16 : 1.9355048769951022

--> Family: # 52

FV at Mutated Child #1 at Generation # 16 : 50.82747076538336

FV at Mutated Child #2 at Generation # 16 : 2.1400244475988197

--> Family: # 53

FV at Mutated Child #1 at Generation # 16 : 127.52774675925728

FV at Mutated Child #2 at Generation # 16 : 19.224453832996527

--> Family: # 54

FV at Mutated Child #1 at Generation # 16 : 0.8618842407882674

FV at Mutated Child #2 at Generation # 16 : 4.937130625695286

--> Family: # 55

FV at Mutated Child #1 at Generation # 16 : 2.4888021914706475

FV at Mutated Child #2 at Generation # 16 : 41.33375344336206

--> Family: # 56

FV at Mutated Child #1 at Generation # 16 : 0.49516261396914263

FV at Mutated Child #2 at Generation # 16 : 438.21342192055266

--> Family: # 57

FV at Mutated Child #1 at Generation # 16 : 1.29634187705726

FV at Mutated Child #2 at Generation # 16 : 37.77856727818515

--> Family: # 58

FV at Mutated Child #1 at Generation # 16 : 1.366831218984935

FV at Mutated Child #2 at Generation # 16 : 0.8543496729277785

--> Family: # 59

FV at Mutated Child #1 at Generation # 16 : 146.45372112537743

FV at Mutated Child #2 at Generation # 16 : 146.06144230123564

--> Family: # 60

FV at Mutated Child #1 at Generation # 16 : 35.278741776921954

FV at Mutated Child #2 at Generation # 16 : 1.514226442073212

--> Family: # 61

FV at Mutated Child #1 at Generation # 16 : 6.504576153115674

FV at Mutated Child #2 at Generation # 16 : 5.3049288384841455

--> Family: # 62

FV at Mutated Child #1 at Generation # 16 : 11.068153158550086

FV at Mutated Child #2 at Generation # 16 : 135.84185837623238  
--> Family: # 63

FV at Mutated Child #1 at Generation # 16 : 2.4235861419304854  
FV at Mutated Child #2 at Generation # 16 : 6.657183196507141  
--> Family: # 64

FV at Mutated Child #1 at Generation # 16 : 4.117137546015226  
FV at Mutated Child #2 at Generation # 16 : 363.95205626793455  
--> Family: # 65

FV at Mutated Child #1 at Generation # 16 : 6.812130119552892  
FV at Mutated Child #2 at Generation # 16 : 8.599177898824637  
--> Family: # 66

FV at Mutated Child #1 at Generation # 16 : 9.637532460741582  
FV at Mutated Child #2 at Generation # 16 : 0.42615815572037474  
--> Family: # 67

FV at Mutated Child #1 at Generation # 16 : 3.4658798712779357  
FV at Mutated Child #2 at Generation # 16 : 6.250106280969499  
--> Family: # 68

FV at Mutated Child #1 at Generation # 16 : 5.342426481498741  
FV at Mutated Child #2 at Generation # 16 : 407.66006403258217  
--> Family: # 69

FV at Mutated Child #1 at Generation # 16 : 6.682186972303453  
FV at Mutated Child #2 at Generation # 16 : 7.688989298700841  
--> Family: # 70

FV at Mutated Child #1 at Generation # 16 : 452.82819493747866  
FV at Mutated Child #2 at Generation # 16 : 111.56768264587015  
--> Family: # 71

FV at Mutated Child #1 at Generation # 16 : 25.88200971866466  
FV at Mutated Child #2 at Generation # 16 : 9.644112490560463  
--> Family: # 72

FV at Mutated Child #1 at Generation # 16 : 1.7060780732400003  
FV at Mutated Child #2 at Generation # 16 : 2.7971005415274397  
--> Family: # 73

FV at Mutated Child #1 at Generation # 16 : 1.8924190926054762  
FV at Mutated Child #2 at Generation # 16 : 25.414133646948052  
--> Family: # 74

FV at Mutated Child #1 at Generation # 16 : 0.7716388489453615  
FV at Mutated Child #2 at Generation # 16 : 1.1475177615418513  
--> Family: # 75

FV at Mutated Child #1 at Generation # 16 : 0.4713301419833318  
FV at Mutated Child #2 at Generation # 16 : 460.6930926381569  
--> Family: # 76

FV at Mutated Child #1 at Generation # 16 : 4.360909805010366  
FV at Mutated Child #2 at Generation # 16 : 13.179991412157436  
--> Family: # 77

FV at Mutated Child #1 at Generation # 16 : 3.5199990747824836  
FV at Mutated Child #2 at Generation # 16 : 12.275801757805226

--> Family: # 78

FV at Mutated Child #1 at Generation # 16 : 31.374646016347747

FV at Mutated Child #2 at Generation # 16 : 0.6986509181576395

--> Family: # 79

FV at Mutated Child #1 at Generation # 16 : 31.933829725512084

FV at Mutated Child #2 at Generation # 16 : 1.8511094485841122

--> Family: # 80

FV at Mutated Child #1 at Generation # 16 : 2.143216647837206

FV at Mutated Child #2 at Generation # 16 : 5.349201221900735

--> Generation: # 17

--> Family: # 1

FV at Mutated Child #1 at Generation # 17 : 1.3815318277000002

FV at Mutated Child #2 at Generation # 17 : 31.306985733185744

--> Family: # 2

FV at Mutated Child #1 at Generation # 17 : 18.789017129697513

FV at Mutated Child #2 at Generation # 17 : 23.064198522746313

--> Family: # 3

FV at Mutated Child #1 at Generation # 17 : 1.728306997803492

FV at Mutated Child #2 at Generation # 17 : 24.836487302981105

--> Family: # 4

FV at Mutated Child #1 at Generation # 17 : 1934.9648679512327

FV at Mutated Child #2 at Generation # 17 : 6418.43566566729

--> Family: # 5

FV at Mutated Child #1 at Generation # 17 : 3.403543307923137

FV at Mutated Child #2 at Generation # 17 : 2532.5451341138373

--> Family: # 6

FV at Mutated Child #1 at Generation # 17 : 1.284815703242083

FV at Mutated Child #2 at Generation # 17 : 1.2199425634763137

--> Family: # 7

FV at Mutated Child #1 at Generation # 17 : 33.52310701912831

FV at Mutated Child #2 at Generation # 17 : 101.16087801602995

--> Family: # 8

FV at Mutated Child #1 at Generation # 17 : 55.792473649912424

FV at Mutated Child #2 at Generation # 17 : 11.105831109487829

--> Family: # 9

FV at Mutated Child #1 at Generation # 17 : 9.183449384733887

FV at Mutated Child #2 at Generation # 17 : 23.94393175459354

--> Family: # 10

FV at Mutated Child #1 at Generation # 17 : 36.14845125822733

FV at Mutated Child #2 at Generation # 17 : 22.303701527947663

--> Family: # 11

FV at Mutated Child #1 at Generation # 17 : 2365.3554202244013

FV at Mutated Child #2 at Generation # 17 : 1954.08126642379

--> Family: # 12

FV at Mutated Child #1 at Generation # 17 : 181.17221903427912

FV at Mutated Child #2 at Generation # 17 : 655.3122305169089

--> Family: # 13

FV at Mutated Child #1 at Generation # 17 : 15.579104879147053

FV at Mutated Child #2 at Generation # 17 : 62.06034930181705

--> Family: # 14

FV at Mutated Child #1 at Generation # 17 : 1.2495562418233486

FV at Mutated Child #2 at Generation # 17 : 1.6024029377872981

--> Family: # 15

FV at Mutated Child #1 at Generation # 17 : 37.533459562348966

FV at Mutated Child #2 at Generation # 17 : 15.853799277609415

--> Family: # 16

FV at Mutated Child #1 at Generation # 17 : 157.5233563384594

FV at Mutated Child #2 at Generation # 17 : 8.466149975973867

--> Family: # 17

FV at Mutated Child #1 at Generation # 17 : 258.7203471276571

FV at Mutated Child #2 at Generation # 17 : 28.784304444136236

--> Family: # 18

FV at Mutated Child #1 at Generation # 17 : 35.343084783806404

FV at Mutated Child #2 at Generation # 17 : 4.068923367043684

--> Family: # 19

FV at Mutated Child #1 at Generation # 17 : 9.674819507109863

FV at Mutated Child #2 at Generation # 17 : 13.421531014414608

--> Family: # 20

FV at Mutated Child #1 at Generation # 17 : 128.84492196567015

FV at Mutated Child #2 at Generation # 17 : 35.499670902503006

--> Family: # 21

FV at Mutated Child #1 at Generation # 17 : 15.355265212527653

FV at Mutated Child #2 at Generation # 17 : 109.65990371613444

--> Family: # 22

FV at Mutated Child #1 at Generation # 17 : 10.04979882214883

FV at Mutated Child #2 at Generation # 17 : 113.4885463899828

--> Family: # 23

FV at Mutated Child #1 at Generation # 17 : 678.3015176518531

FV at Mutated Child #2 at Generation # 17 : 531.8391587800375

--> Family: # 24

FV at Mutated Child #1 at Generation # 17 : 48.8456843224268

FV at Mutated Child #2 at Generation # 17 : 55.63886687627479

--> Family: # 25

FV at Mutated Child #1 at Generation # 17 : 127.0040768329056

FV at Mutated Child #2 at Generation # 17 : 36.055602650510785

--> Family: # 26

FV at Mutated Child #1 at Generation # 17 : 10.04979882214883

FV at Mutated Child #2 at Generation # 17 : 11.345620988659904

--> Family: # 27

FV at Mutated Child #1 at Generation # 17 : 706.6788445861569

FV at Mutated Child #2 at Generation # 17 : 164.46149374173766

--> Family: # 28



FV at Mutated Child #1 at Generation # 17 : 7.0868455250712605  
FV at Mutated Child #2 at Generation # 17 : 9.552973314731306  
--> Family: # 29

FV at Mutated Child #1 at Generation # 17 : 25.94681300574225  
FV at Mutated Child #2 at Generation # 17 : 11.060565985571094  
--> Family: # 30

FV at Mutated Child #1 at Generation # 17 : 11.644338163366923  
FV at Mutated Child #2 at Generation # 17 : 20.071498066647948  
--> Family: # 31

FV at Mutated Child #1 at Generation # 17 : 155.21951081575185  
FV at Mutated Child #2 at Generation # 17 : 135.28054290761034  
--> Family: # 32

FV at Mutated Child #1 at Generation # 17 : 56.15696997497767  
FV at Mutated Child #2 at Generation # 17 : 12.741742638538138  
--> Family: # 33

FV at Mutated Child #1 at Generation # 17 : 169.93112215231685  
FV at Mutated Child #2 at Generation # 17 : 7.0868455250712605  
--> Family: # 34

FV at Mutated Child #1 at Generation # 17 : 56.22077374919427  
FV at Mutated Child #2 at Generation # 17 : 144.17544162282266  
--> Family: # 35

FV at Mutated Child #1 at Generation # 17 : 615.6978978982131  
FV at Mutated Child #2 at Generation # 17 : 33.088213440485  
--> Family: # 36

FV at Mutated Child #1 at Generation # 17 : 18.691631647235788  
FV at Mutated Child #2 at Generation # 17 : 137.11905458988872  
--> Family: # 37

FV at Mutated Child #1 at Generation # 17 : 30.630495517985224  
FV at Mutated Child #2 at Generation # 17 : 75.34368985048545  
--> Family: # 38

FV at Mutated Child #1 at Generation # 17 : 2.6165331479097858  
FV at Mutated Child #2 at Generation # 17 : 1.183622495366114  
--> Family: # 39

FV at Mutated Child #1 at Generation # 17 : 34.92776643386583  
FV at Mutated Child #2 at Generation # 17 : 63.13160664047413  
--> Family: # 40

FV at Mutated Child #1 at Generation # 17 : 11.736069646254228  
FV at Mutated Child #2 at Generation # 17 : 30.805758892003745  
--> Family: # 41

FV at Mutated Child #1 at Generation # 17 : 672.0434805746823  
FV at Mutated Child #2 at Generation # 17 : 8.877800235552897  
--> Family: # 42

FV at Mutated Child #1 at Generation # 17 : 18.046597637996356  
FV at Mutated Child #2 at Generation # 17 : 137.4043798608362  
--> Family: # 43

FV at Mutated Child #1 at Generation # 17 : 44.489211675959936  
FV at Mutated Child #2 at Generation # 17 : 7.658998672050621  
--> Family: # 44

FV at Mutated Child #1 at Generation # 17 : 3.280061191564571  
FV at Mutated Child #2 at Generation # 17 : 8.192069067262565  
--> Family: # 45

FV at Mutated Child #1 at Generation # 17 : 5.879943132301138  
FV at Mutated Child #2 at Generation # 17 : 8.280990612527447  
--> Family: # 46

FV at Mutated Child #1 at Generation # 17 : 26.352566287641967  
FV at Mutated Child #2 at Generation # 17 : 22.587111484390526  
--> Family: # 47

FV at Mutated Child #1 at Generation # 17 : 20.008802296938605  
FV at Mutated Child #2 at Generation # 17 : 5.020109572035476  
--> Family: # 48

FV at Mutated Child #1 at Generation # 17 : 6.52010344676849  
FV at Mutated Child #2 at Generation # 17 : 0.865904457043579  
--> Family: # 49

FV at Mutated Child #1 at Generation # 17 : 170.7206670683475  
FV at Mutated Child #2 at Generation # 17 : 6.493409359562371  
--> Family: # 50

FV at Mutated Child #1 at Generation # 17 : 12.503036821322038  
FV at Mutated Child #2 at Generation # 17 : 5.869359880814715  
--> Family: # 51

FV at Mutated Child #1 at Generation # 17 : 32.534245368687664  
FV at Mutated Child #2 at Generation # 17 : 1.3815318277000002  
--> Family: # 52

FV at Mutated Child #1 at Generation # 17 : 135.51727177161789  
FV at Mutated Child #2 at Generation # 17 : 18.983550436077593  
--> Family: # 53

FV at Mutated Child #1 at Generation # 17 : 13.286428565488993  
FV at Mutated Child #2 at Generation # 17 : 6.684862150365822  
--> Family: # 54

FV at Mutated Child #1 at Generation # 17 : 70.43686371636332  
FV at Mutated Child #2 at Generation # 17 : 5.70790813252649  
--> Family: # 55

FV at Mutated Child #1 at Generation # 17 : 17.957921851369214  
FV at Mutated Child #2 at Generation # 17 : 44.458746947713095  
--> Family: # 56

FV at Mutated Child #1 at Generation # 17 : 30.912591219579085  
FV at Mutated Child #2 at Generation # 17 : 35.83017949179495  
--> Family: # 57

FV at Mutated Child #1 at Generation # 17 : 571.1930645714021  
FV at Mutated Child #2 at Generation # 17 : 228.5219057659757  
--> Family: # 58

FV at Mutated Child #1 at Generation # 17 : 4.083246982772718

FV at Mutated Child #2 at Generation # 17 : 1.7415134919319208

--> Family: # 59

FV at Mutated Child #1 at Generation # 17 : 51.25271123904247

FV at Mutated Child #2 at Generation # 17 : 14.079864900588657

--> Family: # 60

FV at Mutated Child #1 at Generation # 17 : 508.83341945709657

FV at Mutated Child #2 at Generation # 17 : 66.6129587959637

--> Family: # 61

FV at Mutated Child #1 at Generation # 17 : 16.086402798105226

FV at Mutated Child #2 at Generation # 17 : 8.80858581162028

--> Family: # 62

FV at Mutated Child #1 at Generation # 17 : 43.3520744605047

FV at Mutated Child #2 at Generation # 17 : 169.13173919714453

--> Family: # 63

FV at Mutated Child #1 at Generation # 17 : 2322.219442556317

FV at Mutated Child #2 at Generation # 17 : 1.0100286458329306

--> Family: # 64

FV at Mutated Child #1 at Generation # 17 : 2470.61273515129

FV at Mutated Child #2 at Generation # 17 : 15.570700995207023

--> Family: # 65

FV at Mutated Child #1 at Generation # 17 : 47.09764390819793

FV at Mutated Child #2 at Generation # 17 : 14.35692160954514

--> Family: # 66

FV at Mutated Child #1 at Generation # 17 : 88.22166267647204

FV at Mutated Child #2 at Generation # 17 : 159.8122240389666

--> Family: # 67

FV at Mutated Child #1 at Generation # 17 : 11.762554926607015

FV at Mutated Child #2 at Generation # 17 : 3.690704698794346

--> Family: # 68

FV at Mutated Child #1 at Generation # 17 : 2.6228031421729643

FV at Mutated Child #2 at Generation # 17 : 8.846016249491646

--> Family: # 69

FV at Mutated Child #1 at Generation # 17 : 9.985043589755605

FV at Mutated Child #2 at Generation # 17 : 167.71163290484003

--> Family: # 70

FV at Mutated Child #1 at Generation # 17 : 1.8247641454016827

FV at Mutated Child #2 at Generation # 17 : 12.566896871551712

--> Family: # 71

FV at Mutated Child #1 at Generation # 17 : 8.569068340778783

FV at Mutated Child #2 at Generation # 17 : 35.49548238048977

--> Family: # 72

FV at Mutated Child #1 at Generation # 17 : 14.072011667094698

FV at Mutated Child #2 at Generation # 17 : 20.01299199190166

--> Family: # 73

FV at Mutated Child #1 at Generation # 17 : 10.392804992904844

FV at Mutated Child #2 at Generation # 17 : 56.882384094390545

--> Family: # 74

FV at Mutated Child #1 at Generation # 17 : 2007.5633900243793

FV at Mutated Child #2 at Generation # 17 : 2193.8297074589323

--> Family: # 75

FV at Mutated Child #1 at Generation # 17 : 427.1980431775632

FV at Mutated Child #2 at Generation # 17 : 13.769003424463989

--> Family: # 76

FV at Mutated Child #1 at Generation # 17 : 41.45473972109619

FV at Mutated Child #2 at Generation # 17 : 2.0799266039011766

--> Family: # 77

FV at Mutated Child #1 at Generation # 17 : 2.0442802436334313

FV at Mutated Child #2 at Generation # 17 : 57.36250635339297

--> Family: # 78

FV at Mutated Child #1 at Generation # 17 : 13.004682280601216

FV at Mutated Child #2 at Generation # 17 : 46.024355550289336

--> Family: # 79

FV at Mutated Child #1 at Generation # 17 : 43.77195169075077

FV at Mutated Child #2 at Generation # 17 : 50.03399781668649

--> Family: # 80

FV at Mutated Child #1 at Generation # 17 : 5.4978985515552035

FV at Mutated Child #2 at Generation # 17 : 1.6193956268429481

--> Generation: # 18

--> Family: # 1

FV at Mutated Child #1 at Generation # 18 : 0.6047196367231782

FV at Mutated Child #2 at Generation # 18 : 0.556554702571115

--> Family: # 2

FV at Mutated Child #1 at Generation # 18 : 3.418948287114259

FV at Mutated Child #2 at Generation # 18 : 79.12194283822953

--> Family: # 3

FV at Mutated Child #1 at Generation # 18 : 0.5769298629293161

FV at Mutated Child #2 at Generation # 18 : 4.474636852758159

--> Family: # 4

FV at Mutated Child #1 at Generation # 18 : 19.083209023754907

FV at Mutated Child #2 at Generation # 18 : 3.7208270023579817

--> Family: # 5

FV at Mutated Child #1 at Generation # 18 : 36.19713027970142

FV at Mutated Child #2 at Generation # 18 : 13.555392325669553

--> Family: # 6

FV at Mutated Child #1 at Generation # 18 : 1.6114108761622679

FV at Mutated Child #2 at Generation # 18 : 0.785963883818964

--> Family: # 7

FV at Mutated Child #1 at Generation # 18 : 3.348792342641158

FV at Mutated Child #2 at Generation # 18 : 31.620303125242884

--> Family: # 8

FV at Mutated Child #1 at Generation # 18 : 12.781639023594439

FV at Mutated Child #2 at Generation # 18 : 4.586615446207339

--> Family: # 9

FV at Mutated Child #1 at Generation # 18 : 1.3131243053260322

FV at Mutated Child #2 at Generation # 18 : 0.6151430147575169

--> Family: # 10

FV at Mutated Child #1 at Generation # 18 : 29.874988689410184

FV at Mutated Child #2 at Generation # 18 : 3.797827297565196

--> Family: # 11

FV at Mutated Child #1 at Generation # 18 : 453.73396735128864

FV at Mutated Child #2 at Generation # 18 : 3.844245274846839

--> Family: # 12

FV at Mutated Child #1 at Generation # 18 : 4.919679834061522

FV at Mutated Child #2 at Generation # 18 : 35.76198645896219

--> Family: # 13

FV at Mutated Child #1 at Generation # 18 : 0.6124522599356519

FV at Mutated Child #2 at Generation # 18 : 5.628507662845975

--> Family: # 14

FV at Mutated Child #1 at Generation # 18 : 1.7439757076598774

FV at Mutated Child #2 at Generation # 18 : 7.07890699442418

--> Family: # 15

FV at Mutated Child #1 at Generation # 18 : 130.84080311656663

FV at Mutated Child #2 at Generation # 18 : 0.5614750209161394

--> Family: # 16

FV at Mutated Child #1 at Generation # 18 : 0.9236298972099234

FV at Mutated Child #2 at Generation # 18 : 17.716408645763956

--> Family: # 17

FV at Mutated Child #1 at Generation # 18 : 8.615652625825641

FV at Mutated Child #2 at Generation # 18 : 75.93325354392353

--> Family: # 18

FV at Mutated Child #1 at Generation # 18 : 90.5964668370431

FV at Mutated Child #2 at Generation # 18 : 1.7394707065491433

--> Family: # 19

FV at Mutated Child #1 at Generation # 18 : 36.671183296007236

FV at Mutated Child #2 at Generation # 18 : 0.345011188705176

--> Family: # 20

FV at Mutated Child #1 at Generation # 18 : 3.4459769929809743

FV at Mutated Child #2 at Generation # 18 : 1.714784987987655

--> Family: # 21

FV at Mutated Child #1 at Generation # 18 : 4.502766954102836

FV at Mutated Child #2 at Generation # 18 : 5.116400350782089

--> Family: # 22

FV at Mutated Child #1 at Generation # 18 : 458.5307295308649

FV at Mutated Child #2 at Generation # 18 : 3.2482756820907883

--> Family: # 23

FV at Mutated Child #1 at Generation # 18 : 0.6202417446186571

FV at Mutated Child #2 at Generation # 18 : 1.5736362240592614

--> Family: # 24

FV at Mutated Child #1 at Generation # 18 : 4.01320460410386  
FV at Mutated Child #2 at Generation # 18 : 544.2873441047287  
--> Family: # 25

FV at Mutated Child #1 at Generation # 18 : 27.551294327200484  
FV at Mutated Child #2 at Generation # 18 : 110.24032034900661  
--> Family: # 26

FV at Mutated Child #1 at Generation # 18 : 5.246185607970464  
FV at Mutated Child #2 at Generation # 18 : 34.9942285311457  
--> Family: # 27

FV at Mutated Child #1 at Generation # 18 : 3.2890487619508835  
FV at Mutated Child #2 at Generation # 18 : 587.8183306817573  
--> Family: # 28

FV at Mutated Child #1 at Generation # 18 : 3.9736210999065733  
FV at Mutated Child #2 at Generation # 18 : 0.9030574708329944  
--> Family: # 29

FV at Mutated Child #1 at Generation # 18 : 1.948165385500991  
FV at Mutated Child #2 at Generation # 18 : 18.288381615137574  
--> Family: # 30

FV at Mutated Child #1 at Generation # 18 : 3.497669292069169  
FV at Mutated Child #2 at Generation # 18 : 29.83316171786513  
--> Family: # 31

FV at Mutated Child #1 at Generation # 18 : 31.239536416851898  
FV at Mutated Child #2 at Generation # 18 : 87.62293442380496  
--> Family: # 32

FV at Mutated Child #1 at Generation # 18 : 28.14590301358153  
FV at Mutated Child #2 at Generation # 18 : 2.7332319887043686  
--> Family: # 33

FV at Mutated Child #1 at Generation # 18 : 1.9579980865174627  
FV at Mutated Child #2 at Generation # 18 : 3.148414775380198  
--> Family: # 34

FV at Mutated Child #1 at Generation # 18 : 2323.9854405498945  
FV at Mutated Child #2 at Generation # 18 : 0.6390334785661259  
--> Family: # 35

FV at Mutated Child #1 at Generation # 18 : 34.53764634308405  
FV at Mutated Child #2 at Generation # 18 : 75.89057126934168  
--> Family: # 36

FV at Mutated Child #1 at Generation # 18 : 1.7558901990127143  
FV at Mutated Child #2 at Generation # 18 : 11.138798607674198  
--> Family: # 37

FV at Mutated Child #1 at Generation # 18 : 0.5085046159067759  
FV at Mutated Child #2 at Generation # 18 : 4.607485392597018  
--> Family: # 38

FV at Mutated Child #1 at Generation # 18 : 2.133049076650505  
FV at Mutated Child #2 at Generation # 18 : 30.002837890808678  
--> Family: # 39

FV at Mutated Child #1 at Generation # 18 : 0.7464244785932439  
FV at Mutated Child #2 at Generation # 18 : 135.20194441902228  
--> Family: # 40

FV at Mutated Child #1 at Generation # 18 : 79.80040641565573  
FV at Mutated Child #2 at Generation # 18 : 124.46262134996786  
--> Family: # 41

FV at Mutated Child #1 at Generation # 18 : 19.191424719655714  
FV at Mutated Child #2 at Generation # 18 : 0.7949784506704441  
--> Family: # 42

FV at Mutated Child #1 at Generation # 18 : 4.947312718994943  
FV at Mutated Child #2 at Generation # 18 : 492.6830874355726  
--> Family: # 43

FV at Mutated Child #1 at Generation # 18 : 0.6994228325409205  
FV at Mutated Child #2 at Generation # 18 : 28.8906973612149  
--> Family: # 44

FV at Mutated Child #1 at Generation # 18 : 0.7662979703387909  
FV at Mutated Child #2 at Generation # 18 : 555.7230729270934  
--> Family: # 45

FV at Mutated Child #1 at Generation # 18 : 128.07797387800778  
FV at Mutated Child #2 at Generation # 18 : 1.765324097604627  
--> Family: # 46

FV at Mutated Child #1 at Generation # 18 : 144.7379251066701  
FV at Mutated Child #2 at Generation # 18 : 26.069486509099345  
--> Family: # 47

FV at Mutated Child #1 at Generation # 18 : 0.3619730355211446  
FV at Mutated Child #2 at Generation # 18 : 79.22121190063302  
--> Family: # 48

FV at Mutated Child #1 at Generation # 18 : 0.8863103126188919  
FV at Mutated Child #2 at Generation # 18 : 74.98589109338516  
--> Family: # 49

FV at Mutated Child #1 at Generation # 18 : 981.7430563055451  
FV at Mutated Child #2 at Generation # 18 : 671.3797156119858  
--> Family: # 50

FV at Mutated Child #1 at Generation # 18 : 504.06219998801726  
FV at Mutated Child #2 at Generation # 18 : 3.625964856715768  
--> Family: # 51

FV at Mutated Child #1 at Generation # 18 : 2.9458480932601243  
FV at Mutated Child #2 at Generation # 18 : 0.5094020670365494  
--> Family: # 52

FV at Mutated Child #1 at Generation # 18 : 68.91281016310487  
FV at Mutated Child #2 at Generation # 18 : 2.682037674113595  
--> Family: # 53

FV at Mutated Child #1 at Generation # 18 : 2.957588564687122  
FV at Mutated Child #2 at Generation # 18 : 0.7095553717530576  
--> Family: # 54

FV at Mutated Child #1 at Generation # 18 : 30.14151722544616

FV at Mutated Child #2 at Generation # 18 : 1.151419619540739  
--> Family: # 55

FV at Mutated Child #1 at Generation # 18 : 86.5565192782609  
FV at Mutated Child #2 at Generation # 18 : 62.55405137268277  
--> Family: # 56

FV at Mutated Child #1 at Generation # 18 : 0.952401293402244  
FV at Mutated Child #2 at Generation # 18 : 0.7726115717666477  
--> Family: # 57

FV at Mutated Child #1 at Generation # 18 : 3.6129287142398483  
FV at Mutated Child #2 at Generation # 18 : 452.03702636057807  
--> Family: # 58

FV at Mutated Child #1 at Generation # 18 : 0.831948154281448  
FV at Mutated Child #2 at Generation # 18 : 478.34989558035505  
--> Family: # 59

FV at Mutated Child #1 at Generation # 18 : 28.0321059653983  
FV at Mutated Child #2 at Generation # 18 : 5.315181174542119  
--> Family: # 60

FV at Mutated Child #1 at Generation # 18 : 7.706571181928239  
FV at Mutated Child #2 at Generation # 18 : 133.32139983838633  
--> Family: # 61

FV at Mutated Child #1 at Generation # 18 : 70.68048938328783  
FV at Mutated Child #2 at Generation # 18 : 444.4444766494014  
--> Family: # 62

FV at Mutated Child #1 at Generation # 18 : 0.3192281606087173  
FV at Mutated Child #2 at Generation # 18 : 7.887280446887237  
--> Family: # 63

FV at Mutated Child #1 at Generation # 18 : 84.50203495027742  
FV at Mutated Child #2 at Generation # 18 : 0.5954314839979628  
--> Family: # 64

FV at Mutated Child #1 at Generation # 18 : 0.6680129940093367  
FV at Mutated Child #2 at Generation # 18 : 0.786812418801253  
--> Family: # 65

FV at Mutated Child #1 at Generation # 18 : 6.187531107507615  
FV at Mutated Child #2 at Generation # 18 : 0.9029438585229439  
--> Family: # 66

FV at Mutated Child #1 at Generation # 18 : 5.476082755895609  
FV at Mutated Child #2 at Generation # 18 : 1.712479251606685  
--> Family: # 67

FV at Mutated Child #1 at Generation # 18 : 0.628088431195575  
FV at Mutated Child #2 at Generation # 18 : 0.6882945754528348  
--> Family: # 68

FV at Mutated Child #1 at Generation # 18 : 0.9030574708329944  
FV at Mutated Child #2 at Generation # 18 : 1.2089754821789684  
--> Family: # 69

FV at Mutated Child #1 at Generation # 18 : 1.0373405537676321  
FV at Mutated Child #2 at Generation # 18 : 7.935886408373652



--> Family: # 70

FV at Mutated Child #1 at Generation # 18 : 4.047631334003947

FV at Mutated Child #2 at Generation # 18 : 23.41603746111088

--> Family: # 71

FV at Mutated Child #1 at Generation # 18 : 96.46494078232648

FV at Mutated Child #2 at Generation # 18 : 99.39125855101388

--> Family: # 72

FV at Mutated Child #1 at Generation # 18 : 4.6022120728209135

FV at Mutated Child #2 at Generation # 18 : 6.921262866047159

--> Family: # 73

FV at Mutated Child #1 at Generation # 18 : 130.15067132411298

FV at Mutated Child #2 at Generation # 18 : 0.6028969825893828

--> Family: # 74

FV at Mutated Child #1 at Generation # 18 : 0.6476840110342641

FV at Mutated Child #2 at Generation # 18 : 26.283612701794578

--> Family: # 75

FV at Mutated Child #1 at Generation # 18 : 1.7652360189587593

FV at Mutated Child #2 at Generation # 18 : 7.823658327271944

--> Family: # 76

FV at Mutated Child #1 at Generation # 18 : 5.383266090463853

FV at Mutated Child #2 at Generation # 18 : 569.9040446234712

--> Family: # 77

FV at Mutated Child #1 at Generation # 18 : 7.760776918857815

FV at Mutated Child #2 at Generation # 18 : 1.0966428886394957

--> Family: # 78

FV at Mutated Child #1 at Generation # 18 : 0.9121401797082774

FV at Mutated Child #2 at Generation # 18 : 15.017855725822034

--> Family: # 79

FV at Mutated Child #1 at Generation # 18 : 0.9203059056531706

FV at Mutated Child #2 at Generation # 18 : 0.42296863665305384

--> Family: # 80

FV at Mutated Child #1 at Generation # 18 : 3.1398164831251423

FV at Mutated Child #2 at Generation # 18 : 106.22953717543096

--> Generation: # 19

--> Family: # 1

FV at Mutated Child #1 at Generation # 19 : 0.9229792526924503

FV at Mutated Child #2 at Generation # 19 : 185.42434265708414

--> Family: # 2

FV at Mutated Child #1 at Generation # 19 : 8.76525043638398

FV at Mutated Child #2 at Generation # 19 : 20.000381056277536

--> Family: # 3

FV at Mutated Child #1 at Generation # 19 : 38.43111009918366

FV at Mutated Child #2 at Generation # 19 : 7.223669037224899

--> Family: # 4

FV at Mutated Child #1 at Generation # 19 : 22.847907965832185

FV at Mutated Child #2 at Generation # 19 : 82.63321311009666

--> Family: # 5

FV at Mutated Child #1 at Generation # 19 : 1.7707465741530486

FV at Mutated Child #2 at Generation # 19 : 1.5828994907416964

--> Family: # 6

FV at Mutated Child #1 at Generation # 19 : 156.19860534623064

FV at Mutated Child #2 at Generation # 19 : 28.127798587488872

--> Family: # 7

FV at Mutated Child #1 at Generation # 19 : 647.6323752199964

FV at Mutated Child #2 at Generation # 19 : 0.7062380193377098

--> Family: # 8

FV at Mutated Child #1 at Generation # 19 : 22.846737138402087

FV at Mutated Child #2 at Generation # 19 : 52.30578736156813

--> Family: # 9

FV at Mutated Child #1 at Generation # 19 : 656.6810861335688

FV at Mutated Child #2 at Generation # 19 : 24.1788459544607

--> Family: # 10

FV at Mutated Child #1 at Generation # 19 : 5.29942668339448

FV at Mutated Child #2 at Generation # 19 : 82.41167062910519

--> Family: # 11

FV at Mutated Child #1 at Generation # 19 : 8.232703301612384

FV at Mutated Child #2 at Generation # 19 : 170.77422434343654

--> Family: # 12

FV at Mutated Child #1 at Generation # 19 : 156.19860534623064

FV at Mutated Child #2 at Generation # 19 : 43.89986273579805

--> Family: # 13

FV at Mutated Child #1 at Generation # 19 : 49.360807397293804

FV at Mutated Child #2 at Generation # 19 : 8.237387162258349

--> Family: # 14

FV at Mutated Child #1 at Generation # 19 : 12.752147205185052

FV at Mutated Child #2 at Generation # 19 : 41.503803377621644

--> Family: # 15

FV at Mutated Child #1 at Generation # 19 : 33.77453906354771

FV at Mutated Child #2 at Generation # 19 : 36.37881228012627

--> Family: # 16

FV at Mutated Child #1 at Generation # 19 : 64.12490866200457

FV at Mutated Child #2 at Generation # 19 : 10.626895545854497

--> Family: # 17

FV at Mutated Child #1 at Generation # 19 : 13.903973108749454

FV at Mutated Child #2 at Generation # 19 : 49.42648898486554

--> Family: # 18

FV at Mutated Child #1 at Generation # 19 : 19.686828334275358

FV at Mutated Child #2 at Generation # 19 : 13.004682280601216

--> Family: # 19

FV at Mutated Child #1 at Generation # 19 : 12.0998916108651

FV at Mutated Child #2 at Generation # 19 : 13.081577577274844

--> Family: # 20

FV at Mutated Child #1 at Generation # 19 : 3.926098984479532  
FV at Mutated Child #2 at Generation # 19 : 11.954044193780366  
--> Family: # 21

FV at Mutated Child #1 at Generation # 19 : 6.791919893373437  
FV at Mutated Child #2 at Generation # 19 : 39.8500190361045  
--> Family: # 22

FV at Mutated Child #1 at Generation # 19 : 359.614547392361  
FV at Mutated Child #2 at Generation # 19 : 439.60623712837366  
--> Family: # 23

FV at Mutated Child #1 at Generation # 19 : 151.02810846794316  
FV at Mutated Child #2 at Generation # 19 : 9.552973314731306  
--> Family: # 24

FV at Mutated Child #1 at Generation # 19 : 4.234415535899293  
FV at Mutated Child #2 at Generation # 19 : 8.788798740039567  
--> Family: # 25

FV at Mutated Child #1 at Generation # 19 : 6.76727418601431  
FV at Mutated Child #2 at Generation # 19 : 28.2414780035127  
--> Family: # 26

FV at Mutated Child #1 at Generation # 19 : 37.25145281998583  
FV at Mutated Child #2 at Generation # 19 : 50.5076053417921  
--> Family: # 27

FV at Mutated Child #1 at Generation # 19 : 9.048945198333316  
FV at Mutated Child #2 at Generation # 19 : 158.82309128864648  
--> Family: # 28

FV at Mutated Child #1 at Generation # 19 : 4.965075597819786  
FV at Mutated Child #2 at Generation # 19 : 19.59666205318782  
--> Family: # 29

FV at Mutated Child #1 at Generation # 19 : 43.24550952200618  
FV at Mutated Child #2 at Generation # 19 : 1.9875510214606211  
--> Family: # 30

FV at Mutated Child #1 at Generation # 19 : 22.34080572337747  
FV at Mutated Child #2 at Generation # 19 : 3.695942233404236  
--> Family: # 31

FV at Mutated Child #1 at Generation # 19 : 36.22533767068032  
FV at Mutated Child #2 at Generation # 19 : 55.73351171848863  
--> Family: # 32

FV at Mutated Child #1 at Generation # 19 : 31.228599988925165  
FV at Mutated Child #2 at Generation # 19 : 13.468485233068947  
--> Family: # 33

FV at Mutated Child #1 at Generation # 19 : 13.933049825940799  
FV at Mutated Child #2 at Generation # 19 : 378.1430829522267  
--> Family: # 34

FV at Mutated Child #1 at Generation # 19 : 599.0044715136269  
FV at Mutated Child #2 at Generation # 19 : 143.67015188795494  
--> Family: # 35

FV at Mutated Child #1 at Generation # 19 : 143.3006862716177  
FV at Mutated Child #2 at Generation # 19 : 26.74910592071963  
--> Family: # 36

FV at Mutated Child #1 at Generation # 19 : 9.900960049463679  
FV at Mutated Child #2 at Generation # 19 : 159.13908890476276  
--> Family: # 37

FV at Mutated Child #1 at Generation # 19 : 40.58717671343799  
FV at Mutated Child #2 at Generation # 19 : 26.7557665102891  
--> Family: # 38

FV at Mutated Child #1 at Generation # 19 : 54.25442195993849  
FV at Mutated Child #2 at Generation # 19 : 13.774982618981564  
--> Family: # 39

FV at Mutated Child #1 at Generation # 19 : 5.5363570049204265  
FV at Mutated Child #2 at Generation # 19 : 45.248127193231426  
--> Family: # 40

FV at Mutated Child #1 at Generation # 19 : 12.26679246968569  
FV at Mutated Child #2 at Generation # 19 : 11.072066211005131  
--> Family: # 41

FV at Mutated Child #1 at Generation # 19 : 113.84284356529233  
FV at Mutated Child #2 at Generation # 19 : 2.6165331479097858  
--> Family: # 42

FV at Mutated Child #1 at Generation # 19 : 148.27279525737873  
FV at Mutated Child #2 at Generation # 19 : 18.50599155732649  
--> Family: # 43

FV at Mutated Child #1 at Generation # 19 : 22.948825407900447  
FV at Mutated Child #2 at Generation # 19 : 5.9502350905687535  
--> Family: # 44

FV at Mutated Child #1 at Generation # 19 : 14.913391430447952  
FV at Mutated Child #2 at Generation # 19 : 114.78006142153905  
--> Family: # 45

FV at Mutated Child #1 at Generation # 19 : 695.0381669639264  
FV at Mutated Child #2 at Generation # 19 : 2460.5060571424187  
--> Family: # 46

FV at Mutated Child #1 at Generation # 19 : 130.55182297922556  
FV at Mutated Child #2 at Generation # 19 : 190.81828551953342  
--> Family: # 47

FV at Mutated Child #1 at Generation # 19 : 2.6136842118306185  
FV at Mutated Child #2 at Generation # 19 : 3.521773254268323  
--> Family: # 48

FV at Mutated Child #1 at Generation # 19 : 2.9043418867892754  
FV at Mutated Child #2 at Generation # 19 : 23.294638227580585  
--> Family: # 49

FV at Mutated Child #1 at Generation # 19 : 7.158275483468975  
FV at Mutated Child #2 at Generation # 19 : 2.571906178122932  
--> Family: # 50

FV at Mutated Child #1 at Generation # 19 : 11.892816335412004

FV at Mutated Child #2 at Generation # 19 : 148.0531790701505  
--> Family: # 51

FV at Mutated Child #1 at Generation # 19 : 2.040864304472622  
FV at Mutated Child #2 at Generation # 19 : 6.493409359562371  
--> Family: # 52

FV at Mutated Child #1 at Generation # 19 : 36.741890864405555  
FV at Mutated Child #2 at Generation # 19 : 0.9024857409961289  
--> Family: # 53

FV at Mutated Child #1 at Generation # 19 : 89.64402512647317  
FV at Mutated Child #2 at Generation # 19 : 16.086402798105226  
--> Family: # 54

FV at Mutated Child #1 at Generation # 19 : 9.729532480360783  
FV at Mutated Child #2 at Generation # 19 : 50.22673015240064  
--> Family: # 55

FV at Mutated Child #1 at Generation # 19 : 625.7171190777759  
FV at Mutated Child #2 at Generation # 19 : 17.978143765532593  
--> Family: # 56

FV at Mutated Child #1 at Generation # 19 : 46.81237402150403  
FV at Mutated Child #2 at Generation # 19 : 200.30498916346042  
--> Family: # 57

FV at Mutated Child #1 at Generation # 19 : 30.360243279844234  
FV at Mutated Child #2 at Generation # 19 : 3.3421207817823086  
--> Family: # 58

FV at Mutated Child #1 at Generation # 19 : 2.937476100051185  
FV at Mutated Child #2 at Generation # 19 : 39.525727066353696  
--> Family: # 59

FV at Mutated Child #1 at Generation # 19 : 7.41001087173496  
FV at Mutated Child #2 at Generation # 19 : 626.8195057857848  
--> Family: # 60

FV at Mutated Child #1 at Generation # 19 : 22.74388995084051  
FV at Mutated Child #2 at Generation # 19 : 7.128246416620149  
--> Family: # 61

FV at Mutated Child #1 at Generation # 19 : 127.6684327431056  
FV at Mutated Child #2 at Generation # 19 : 38.24685882408632  
--> Family: # 62

FV at Mutated Child #1 at Generation # 19 : 143.79304608151156  
FV at Mutated Child #2 at Generation # 19 : 20.459624510710267  
--> Family: # 63

FV at Mutated Child #1 at Generation # 19 : 6.695617212201126  
FV at Mutated Child #2 at Generation # 19 : 2580.1855723403824  
--> Family: # 64

FV at Mutated Child #1 at Generation # 19 : 920.0577359700548  
FV at Mutated Child #2 at Generation # 19 : 267.5321067912212  
--> Family: # 65

FV at Mutated Child #1 at Generation # 19 : 130.4747797084637  
FV at Mutated Child #2 at Generation # 19 : 1119.9678470204285

--> Family: # 66

FV at Mutated Child #1 at Generation # 19 : 11.181102041954805

FV at Mutated Child #2 at Generation # 19 : 12.287189207214322

--> Family: # 67

FV at Mutated Child #1 at Generation # 19 : 631.0793886496682

FV at Mutated Child #2 at Generation # 19 : 3.2453719200858764

--> Family: # 68

FV at Mutated Child #1 at Generation # 19 : 698.2597284501062

FV at Mutated Child #2 at Generation # 19 : 2630.1033527253244

--> Family: # 69

FV at Mutated Child #1 at Generation # 19 : 33.024719526761224

FV at Mutated Child #2 at Generation # 19 : 14.99424338215151

--> Family: # 70

FV at Mutated Child #1 at Generation # 19 : 132.28977400269346

FV at Mutated Child #2 at Generation # 19 : 145.93857028455707

--> Family: # 71

FV at Mutated Child #1 at Generation # 19 : 0.775028867514508

FV at Mutated Child #2 at Generation # 19 : 12.364751247032377

--> Family: # 72

FV at Mutated Child #1 at Generation # 19 : 17.794228769464414

FV at Mutated Child #2 at Generation # 19 : 34.00397239658194

--> Family: # 73

FV at Mutated Child #1 at Generation # 19 : 2329.343232774619

FV at Mutated Child #2 at Generation # 19 : 4.161412157733503

--> Family: # 74

FV at Mutated Child #1 at Generation # 19 : 18.3934752538637

FV at Mutated Child #2 at Generation # 19 : 18.98083613767082

--> Family: # 75

FV at Mutated Child #1 at Generation # 19 : 39.582975580185675

FV at Mutated Child #2 at Generation # 19 : 46.2843960020786

--> Family: # 76

FV at Mutated Child #1 at Generation # 19 : 658.9254684414776

FV at Mutated Child #2 at Generation # 19 : 26.352566287641967

--> Family: # 77

FV at Mutated Child #1 at Generation # 19 : 34.267623778442655

FV at Mutated Child #2 at Generation # 19 : 18.51080073889749

--> Family: # 78

FV at Mutated Child #1 at Generation # 19 : 34.314687074801974

FV at Mutated Child #2 at Generation # 19 : 175.12420875213581

--> Family: # 79

FV at Mutated Child #1 at Generation # 19 : 11.38955019626948

FV at Mutated Child #2 at Generation # 19 : 5.501472289699986

--> Family: # 80

FV at Mutated Child #1 at Generation # 19 : 530.6656782414631

FV at Mutated Child #2 at Generation # 19 : 466.9769696954271

--> Generation: # 20

--> Family: # 1

FV at Mutated Child #1 at Generation # 20 : 2.426112535119799

FV at Mutated Child #2 at Generation # 20 : 154.6444117046028

--> Family: # 2

FV at Mutated Child #1 at Generation # 20 : 124.75924536489819

FV at Mutated Child #2 at Generation # 20 : 1.9783094159257824

--> Family: # 3

FV at Mutated Child #1 at Generation # 20 : 18.70332097943042

FV at Mutated Child #2 at Generation # 20 : 12.883233697553104

--> Family: # 4

FV at Mutated Child #1 at Generation # 20 : 0.7187185300838413

FV at Mutated Child #2 at Generation # 20 : 1.1268668547329082

--> Family: # 5

FV at Mutated Child #1 at Generation # 20 : 7.1581350749799295

FV at Mutated Child #2 at Generation # 20 : 137.4715129947213

--> Family: # 6

FV at Mutated Child #1 at Generation # 20 : 0.7411579125418893

FV at Mutated Child #2 at Generation # 20 : 29.03550762843218

--> Family: # 7

FV at Mutated Child #1 at Generation # 20 : 3.969546964266263

FV at Mutated Child #2 at Generation # 20 : 0.7202440200446862

--> Family: # 8

FV at Mutated Child #1 at Generation # 20 : 25.579603301008667

FV at Mutated Child #2 at Generation # 20 : 0.4536910935807233

--> Family: # 9

FV at Mutated Child #1 at Generation # 20 : 65.27553768951505

FV at Mutated Child #2 at Generation # 20 : 4.557791152445764

--> Family: # 10

FV at Mutated Child #1 at Generation # 20 : 1.4654803372293663

FV at Mutated Child #2 at Generation # 20 : 26.68953378524978

--> Family: # 11

FV at Mutated Child #1 at Generation # 20 : 1.666422003988276

FV at Mutated Child #2 at Generation # 20 : 14.367224259455554

--> Family: # 12

FV at Mutated Child #1 at Generation # 20 : 2.083327207598545

FV at Mutated Child #2 at Generation # 20 : 8.929065297193887

--> Family: # 13

FV at Mutated Child #1 at Generation # 20 : 2.2681469882381067

FV at Mutated Child #2 at Generation # 20 : 0.8578152325826991

--> Family: # 14

FV at Mutated Child #1 at Generation # 20 : 2.4994057953445434

FV at Mutated Child #2 at Generation # 20 : 5.050118534941482

--> Family: # 15

FV at Mutated Child #1 at Generation # 20 : 0.31508274362286315

FV at Mutated Child #2 at Generation # 20 : 2.651198725872285

--> Family: # 16

FV at Mutated Child #1 at Generation # 20 : 0.5299842519757342  
FV at Mutated Child #2 at Generation # 20 : 2.3664643060336408  
--> Family: # 17

FV at Mutated Child #1 at Generation # 20 : 3.8504263027638985  
FV at Mutated Child #2 at Generation # 20 : 4.36855739702219  
--> Family: # 18

FV at Mutated Child #1 at Generation # 20 : 0.6050776737096388  
FV at Mutated Child #2 at Generation # 20 : 428.25064842042883  
--> Family: # 19

FV at Mutated Child #1 at Generation # 20 : 2328.8921823560127  
FV at Mutated Child #2 at Generation # 20 : 3.04245924322214  
--> Family: # 20

FV at Mutated Child #1 at Generation # 20 : 130.2917531700597  
FV at Mutated Child #2 at Generation # 20 : 0.4995647632156631  
--> Family: # 21

FV at Mutated Child #1 at Generation # 20 : 0.7355974014067547  
FV at Mutated Child #2 at Generation # 20 : 0.5253950209840618  
--> Family: # 22

FV at Mutated Child #1 at Generation # 20 : 15.684245391119918  
FV at Mutated Child #2 at Generation # 20 : 54.07528607918433  
--> Family: # 23

FV at Mutated Child #1 at Generation # 20 : 1.0373405537676321  
FV at Mutated Child #2 at Generation # 20 : 10.890154165995952  
--> Family: # 24

FV at Mutated Child #1 at Generation # 20 : 31.255082729103993  
FV at Mutated Child #2 at Generation # 20 : 145.74550806383894  
--> Family: # 25

FV at Mutated Child #1 at Generation # 20 : 10.537398168785492  
FV at Mutated Child #2 at Generation # 20 : 122.95195163488559  
--> Family: # 26

FV at Mutated Child #1 at Generation # 20 : 1.9144167763365187  
FV at Mutated Child #2 at Generation # 20 : 14.551232441508937  
--> Family: # 27

FV at Mutated Child #1 at Generation # 20 : 0.9030574708329944  
FV at Mutated Child #2 at Generation # 20 : 23.689890416826128  
--> Family: # 28

FV at Mutated Child #1 at Generation # 20 : 3.8121901539363607  
FV at Mutated Child #2 at Generation # 20 : 25.854237454848807  
--> Family: # 29

FV at Mutated Child #1 at Generation # 20 : 6.695687961885305  
FV at Mutated Child #2 at Generation # 20 : 0.2300371150414227  
--> Family: # 30

FV at Mutated Child #1 at Generation # 20 : 12.714796401529826  
FV at Mutated Child #2 at Generation # 20 : 8.008618550973225  
--> Family: # 31



FV at Mutated Child #1 at Generation # 20 : 115.83273890930089  
FV at Mutated Child #2 at Generation # 20 : 5.510870687612657  
--> Family: # 32

FV at Mutated Child #1 at Generation # 20 : 3.903363145173323  
FV at Mutated Child #2 at Generation # 20 : 5.454639683551357  
--> Family: # 33

FV at Mutated Child #1 at Generation # 20 : 0.44877835910916875  
FV at Mutated Child #2 at Generation # 20 : 75.26756902408601  
--> Family: # 34

FV at Mutated Child #1 at Generation # 20 : 1.3905824177396662  
FV at Mutated Child #2 at Generation # 20 : 1.838968493838767  
--> Family: # 35

FV at Mutated Child #1 at Generation # 20 : 78.69585876918093  
FV at Mutated Child #2 at Generation # 20 : 1.8588176279567847  
--> Family: # 36

FV at Mutated Child #1 at Generation # 20 : 0.5695181417773997  
FV at Mutated Child #2 at Generation # 20 : 77.90790867171145  
--> Family: # 37

FV at Mutated Child #1 at Generation # 20 : 4.057649101153181  
FV at Mutated Child #2 at Generation # 20 : 2.368274671763624  
--> Family: # 38

FV at Mutated Child #1 at Generation # 20 : 6.739431201294442  
FV at Mutated Child #2 at Generation # 20 : 22.46177199965807  
--> Family: # 39

FV at Mutated Child #1 at Generation # 20 : 3.274922309199057  
FV at Mutated Child #2 at Generation # 20 : 59.83732736632319  
--> Family: # 40

FV at Mutated Child #1 at Generation # 20 : 1.835325103206991  
FV at Mutated Child #2 at Generation # 20 : 2.4155236429405598  
--> Family: # 41

FV at Mutated Child #1 at Generation # 20 : 1.1398521965369914  
FV at Mutated Child #2 at Generation # 20 : 15.460560849634676  
--> Family: # 42

FV at Mutated Child #1 at Generation # 20 : 13.168067104652502  
FV at Mutated Child #2 at Generation # 20 : 25.190436890554505  
--> Family: # 43

FV at Mutated Child #1 at Generation # 20 : 3.088164322618128  
FV at Mutated Child #2 at Generation # 20 : 24.505725820296345  
--> Family: # 44

FV at Mutated Child #1 at Generation # 20 : 1.0929710063812061  
FV at Mutated Child #2 at Generation # 20 : 25.442061971793976  
--> Family: # 45

FV at Mutated Child #1 at Generation # 20 : 2.672564273643974  
FV at Mutated Child #2 at Generation # 20 : 1.0844439976481335  
--> Family: # 46

FV at Mutated Child #1 at Generation # 20 : 0.27545284676672993

FV at Mutated Child #2 at Generation # 20 : 0.31623349524305233  
--> Family: # 47

FV at Mutated Child #1 at Generation # 20 : 4.572307803523695  
FV at Mutated Child #2 at Generation # 20 : 0.7073141856110651  
--> Family: # 48

FV at Mutated Child #1 at Generation # 20 : 1.723997367528391  
FV at Mutated Child #2 at Generation # 20 : 443.4412929757772  
--> Family: # 49

FV at Mutated Child #1 at Generation # 20 : 497.2123218294063  
FV at Mutated Child #2 at Generation # 20 : 0.7626701024540602  
--> Family: # 50

FV at Mutated Child #1 at Generation # 20 : 2.4994057953445434  
FV at Mutated Child #2 at Generation # 20 : 24.5860585883645  
--> Family: # 51

FV at Mutated Child #1 at Generation # 20 : 1.690152961098673  
FV at Mutated Child #2 at Generation # 20 : 98.12093541259405  
--> Family: # 52

FV at Mutated Child #1 at Generation # 20 : 108.91443603820402  
FV at Mutated Child #2 at Generation # 20 : 34.28843647706433  
--> Family: # 53

FV at Mutated Child #1 at Generation # 20 : 0.7274342959634877  
FV at Mutated Child #2 at Generation # 20 : 2.302589253705097  
--> Family: # 54

FV at Mutated Child #1 at Generation # 20 : 25.34673661256211  
FV at Mutated Child #2 at Generation # 20 : 0.8614597374910444  
--> Family: # 55

FV at Mutated Child #1 at Generation # 20 : 410.7846096136879  
FV at Mutated Child #2 at Generation # 20 : 8.59183469682523  
--> Family: # 56

FV at Mutated Child #1 at Generation # 20 : 1.0669469520343604  
FV at Mutated Child #2 at Generation # 20 : 12.769471587272339  
--> Family: # 57

FV at Mutated Child #1 at Generation # 20 : 0.4511694867050259  
FV at Mutated Child #2 at Generation # 20 : 40.972241524427595  
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FV at Mutated Child #1 at Generation # 20 : 588.8311382764902  
FV at Mutated Child #2 at Generation # 20 : 511.6421552500129  
--> Family: # 59

FV at Mutated Child #1 at Generation # 20 : 2.3957836635649703  
FV at Mutated Child #2 at Generation # 20 : 0.376575210481354  
--> Family: # 60

FV at Mutated Child #1 at Generation # 20 : 16.64794078035611  
FV at Mutated Child #2 at Generation # 20 : 0.8183472230900772  
--> Family: # 61

FV at Mutated Child #1 at Generation # 20 : 501.2890247012384  
FV at Mutated Child #2 at Generation # 20 : 1.3336412466183019

--> Family: # 62

FV at Mutated Child #1 at Generation # 20 : 10.821615941960223

FV at Mutated Child #2 at Generation # 20 : 12.303420821886899

--> Family: # 63

FV at Mutated Child #1 at Generation # 20 : 92.03466749193096

FV at Mutated Child #2 at Generation # 20 : 0.955669607038798

--> Family: # 64

FV at Mutated Child #1 at Generation # 20 : 8.344872816026971

FV at Mutated Child #2 at Generation # 20 : 0.5253950209840618

--> Family: # 65

FV at Mutated Child #1 at Generation # 20 : 78.93164739311338

FV at Mutated Child #2 at Generation # 20 : 3.50086321046317

--> Family: # 66

FV at Mutated Child #1 at Generation # 20 : 73.51756274274945

FV at Mutated Child #2 at Generation # 20 : 0.7663488550095707

--> Family: # 67

FV at Mutated Child #1 at Generation # 20 : 111.49862969630313

FV at Mutated Child #2 at Generation # 20 : 144.94643002687562

--> Family: # 68

FV at Mutated Child #1 at Generation # 20 : 3.3121716943587423

FV at Mutated Child #2 at Generation # 20 : 17.42544698503025

--> Family: # 69

FV at Mutated Child #1 at Generation # 20 : 38.49246086245839

FV at Mutated Child #2 at Generation # 20 : 2.093795121352465

--> Family: # 70

FV at Mutated Child #1 at Generation # 20 : 116.45444390395416

FV at Mutated Child #2 at Generation # 20 : 2.391479128389048

--> Family: # 71

FV at Mutated Child #1 at Generation # 20 : 25.668062502865286

FV at Mutated Child #2 at Generation # 20 : 443.34488055421247

--> Family: # 72

FV at Mutated Child #1 at Generation # 20 : 5.665786595107192

FV at Mutated Child #2 at Generation # 20 : 0.5274110968795303

--> Family: # 73

FV at Mutated Child #1 at Generation # 20 : 8.418967248376346

FV at Mutated Child #2 at Generation # 20 : 2.169865756165703

--> Family: # 74

FV at Mutated Child #1 at Generation # 20 : 0.7572636554730205

FV at Mutated Child #2 at Generation # 20 : 15.460560849634676

--> Family: # 75

FV at Mutated Child #1 at Generation # 20 : 20.910646570099296

FV at Mutated Child #2 at Generation # 20 : 20.37631492231697

--> Family: # 76

FV at Mutated Child #1 at Generation # 20 : 0.7824841574712891

FV at Mutated Child #2 at Generation # 20 : 122.62932955905377

--> Family: # 77

FV at Mutated Child #1 at Generation # 20 : 15.35977613558527  
FV at Mutated Child #2 at Generation # 20 : 4.59416437575443  
--> Family: # 78

FV at Mutated Child #1 at Generation # 20 : 0.51855940142504  
FV at Mutated Child #2 at Generation # 20 : 5.41205913162351  
--> Family: # 79

FV at Mutated Child #1 at Generation # 20 : 4.46568515775074  
FV at Mutated Child #2 at Generation # 20 : 484.6489245447137  
--> Family: # 80

FV at Mutated Child #1 at Generation # 20 : 1.679138158789458  
FV at Mutated Child #2 at Generation # 20 : 3.1126012102315888  
--> Generation: # 21  
--> Family: # 1

FV at Mutated Child #1 at Generation # 21 : 13.142218125820126  
FV at Mutated Child #2 at Generation # 21 : 30.83091414188254  
--> Family: # 2

FV at Mutated Child #1 at Generation # 21 : 11.372876140513457  
FV at Mutated Child #2 at Generation # 21 : 28.510812287193705  
--> Family: # 3

FV at Mutated Child #1 at Generation # 21 : 134.10570209544338  
FV at Mutated Child #2 at Generation # 21 : 2.9423326766909486  
--> Family: # 4

FV at Mutated Child #1 at Generation # 21 : 22.734228188411347  
FV at Mutated Child #2 at Generation # 21 : 49.42648898486554  
--> Family: # 5

FV at Mutated Child #1 at Generation # 21 : 33.33909866979599  
FV at Mutated Child #2 at Generation # 21 : 26.691667855233934  
--> Family: # 6

FV at Mutated Child #1 at Generation # 21 : 8.590269838434377  
FV at Mutated Child #2 at Generation # 21 : 62.467718015637494  
--> Family: # 7

FV at Mutated Child #1 at Generation # 21 : 580.799402124566  
FV at Mutated Child #2 at Generation # 21 : 16.99521677999099  
--> Family: # 8

FV at Mutated Child #1 at Generation # 21 : 0.6558092796183356  
FV at Mutated Child #2 at Generation # 21 : 19.54281337679884  
--> Family: # 9

FV at Mutated Child #1 at Generation # 21 : 10.919624018140023  
FV at Mutated Child #2 at Generation # 21 : 19.970720458582424  
--> Family: # 10

FV at Mutated Child #1 at Generation # 21 : 53.524381918519595  
FV at Mutated Child #2 at Generation # 21 : 6.120043428390251  
--> Family: # 11

FV at Mutated Child #1 at Generation # 21 : 14.6030173753122  
FV at Mutated Child #2 at Generation # 21 : 614.5004033440944  
--> Family: # 12

FV at Mutated Child #1 at Generation # 21 : 8.857526679730524  
FV at Mutated Child #2 at Generation # 21 : 12.431911220552772  
--> Family: # 13

FV at Mutated Child #1 at Generation # 21 : 14.080328705485394  
FV at Mutated Child #2 at Generation # 21 : 12.09297499609527  
--> Family: # 14

FV at Mutated Child #1 at Generation # 21 : 11.506971388091825  
FV at Mutated Child #2 at Generation # 21 : 4.7983906006313575  
--> Family: # 15

FV at Mutated Child #1 at Generation # 21 : 2360.788162487475  
FV at Mutated Child #2 at Generation # 21 : 62.06944022686103  
--> Family: # 16

FV at Mutated Child #1 at Generation # 21 : 7.800237991087597  
FV at Mutated Child #2 at Generation # 21 : 30.06921110547891  
--> Family: # 17

FV at Mutated Child #1 at Generation # 21 : 162.80843186928183  
FV at Mutated Child #2 at Generation # 21 : 8.579712565385051  
--> Family: # 18

FV at Mutated Child #1 at Generation # 21 : 6.791919893373437  
FV at Mutated Child #2 at Generation # 21 : 3.521773254268323  
--> Family: # 19

FV at Mutated Child #1 at Generation # 21 : 4.500351304325029  
FV at Mutated Child #2 at Generation # 21 : 170.4942736176499  
--> Family: # 20

FV at Mutated Child #1 at Generation # 21 : 3.044988042725399  
FV at Mutated Child #2 at Generation # 21 : 3.044988042725399  
--> Family: # 21

FV at Mutated Child #1 at Generation # 21 : 4.313866687985265  
FV at Mutated Child #2 at Generation # 21 : 1.4517008591843008  
--> Family: # 22

FV at Mutated Child #1 at Generation # 21 : 3.246097144675733  
FV at Mutated Child #2 at Generation # 21 : 6.271587042652583  
--> Family: # 23

FV at Mutated Child #1 at Generation # 21 : 2427.791928414904  
FV at Mutated Child #2 at Generation # 21 : 16.52802896620984  
--> Family: # 24

FV at Mutated Child #1 at Generation # 21 : 34.267623778442655  
FV at Mutated Child #2 at Generation # 21 : 0.9036212795830473  
--> Family: # 25

FV at Mutated Child #1 at Generation # 21 : 62.72445268021555  
FV at Mutated Child #2 at Generation # 21 : 8.511004276790654  
--> Family: # 26

FV at Mutated Child #1 at Generation # 21 : 27.64760299982658  
FV at Mutated Child #2 at Generation # 21 : 2495.792972701957  
--> Family: # 27

FV at Mutated Child #1 at Generation # 21 : 11.24917703880162  
FV at Mutated Child #2 at Generation # 21 : 620.0454170390146  
--> Family: # 28

FV at Mutated Child #1 at Generation # 21 : 123.6094656753063  
FV at Mutated Child #2 at Generation # 21 : 81.4747094603436  
--> Family: # 29

FV at Mutated Child #1 at Generation # 21 : 22.17891037877307  
FV at Mutated Child #2 at Generation # 21 : 103.0265052192208  
--> Family: # 30

FV at Mutated Child #1 at Generation # 21 : 112.89188625340968  
FV at Mutated Child #2 at Generation # 21 : 61.113802817549185  
--> Family: # 31

FV at Mutated Child #1 at Generation # 21 : 559.2414225718824  
FV at Mutated Child #2 at Generation # 21 : 398.19465382418565  
--> Family: # 32

FV at Mutated Child #1 at Generation # 21 : 8.930543832409676  
FV at Mutated Child #2 at Generation # 21 : 0.8340174027121547  
--> Family: # 33

FV at Mutated Child #1 at Generation # 21 : 5.007335558682852  
FV at Mutated Child #2 at Generation # 21 : 11.762227076308282  
--> Family: # 34

FV at Mutated Child #1 at Generation # 21 : 30.125357996537435  
FV at Mutated Child #2 at Generation # 21 : 18.75103398004255  
--> Family: # 35

FV at Mutated Child #1 at Generation # 21 : 16.086402798105226  
FV at Mutated Child #2 at Generation # 21 : 176.09399747825424  
--> Family: # 36

FV at Mutated Child #1 at Generation # 21 : 5.059289221846867  
FV at Mutated Child #2 at Generation # 21 : 8.227592934888499  
--> Family: # 37

FV at Mutated Child #1 at Generation # 21 : 2153.238838766462  
FV at Mutated Child #2 at Generation # 21 : 1.5382243092835746  
--> Family: # 38

FV at Mutated Child #1 at Generation # 21 : 24.52844840599365  
FV at Mutated Child #2 at Generation # 21 : 33.44633175048206  
--> Family: # 39

FV at Mutated Child #1 at Generation # 21 : 3.8466597191591765  
FV at Mutated Child #2 at Generation # 21 : 0.9036212795830473  
--> Family: # 40

FV at Mutated Child #1 at Generation # 21 : 29.672486046078138  
FV at Mutated Child #2 at Generation # 21 : 23.077312253810952  
--> Family: # 41

FV at Mutated Child #1 at Generation # 21 : 90.9170504518133  
FV at Mutated Child #2 at Generation # 21 : 144.1293967314928  
--> Family: # 42

FV at Mutated Child #1 at Generation # 21 : 38.8867698570614

FV at Mutated Child #2 at Generation # 21 : 14.799181934849553  
--> Family: # 43

FV at Mutated Child #1 at Generation # 21 : 118.82423519082347  
FV at Mutated Child #2 at Generation # 21 : 2.37401669663681  
--> Family: # 44

FV at Mutated Child #1 at Generation # 21 : 4.194827557914786  
FV at Mutated Child #2 at Generation # 21 : 4.53664275396622  
--> Family: # 45

FV at Mutated Child #1 at Generation # 21 : 10.142894637403947  
FV at Mutated Child #2 at Generation # 21 : 11.446297478214902  
--> Family: # 46

FV at Mutated Child #1 at Generation # 21 : 10.181019539484737  
FV at Mutated Child #2 at Generation # 21 : 21.52080985856788  
--> Family: # 47

FV at Mutated Child #1 at Generation # 21 : 11.371153400755537  
FV at Mutated Child #2 at Generation # 21 : 155.1394331978092  
--> Family: # 48

FV at Mutated Child #1 at Generation # 21 : 5.302168960127557  
FV at Mutated Child #2 at Generation # 21 : 2440.8264813064798  
--> Family: # 49

FV at Mutated Child #1 at Generation # 21 : 3.3029435327241092  
FV at Mutated Child #2 at Generation # 21 : 4.114512697455648  
--> Family: # 50

FV at Mutated Child #1 at Generation # 21 : 8.339609084152627  
FV at Mutated Child #2 at Generation # 21 : 17.72273976126797  
--> Family: # 51

FV at Mutated Child #1 at Generation # 21 : 2519.9426058600943  
FV at Mutated Child #2 at Generation # 21 : 29.06492868086117  
--> Family: # 52

FV at Mutated Child #1 at Generation # 21 : 12.584813344085127  
FV at Mutated Child #2 at Generation # 21 : 638.2401144524479  
--> Family: # 53

FV at Mutated Child #1 at Generation # 21 : 45.18341652705365  
FV at Mutated Child #2 at Generation # 21 : 12.500113848412695  
--> Family: # 54

FV at Mutated Child #1 at Generation # 21 : 76.43304468288079  
FV at Mutated Child #2 at Generation # 21 : 3.463339681119296  
--> Family: # 55

FV at Mutated Child #1 at Generation # 21 : 166.34782233819885  
FV at Mutated Child #2 at Generation # 21 : 8.879750262703155  
--> Family: # 56

FV at Mutated Child #1 at Generation # 21 : 7.2099585210022274  
FV at Mutated Child #2 at Generation # 21 : 3.4214736432595387  
--> Family: # 57

FV at Mutated Child #1 at Generation # 21 : 10.075031280147964  
FV at Mutated Child #2 at Generation # 21 : 15.843665901841193

--> Family: # 58

FV at Mutated Child #1 at Generation # 21 : 4.426965675688872

FV at Mutated Child #2 at Generation # 21 : 38.44070883019077

--> Family: # 59

FV at Mutated Child #1 at Generation # 21 : 12.194086989046072

FV at Mutated Child #2 at Generation # 21 : 4.234415535899293

--> Family: # 60

FV at Mutated Child #1 at Generation # 21 : 57.95706307088854

FV at Mutated Child #2 at Generation # 21 : 10.09774361674056

--> Family: # 61

FV at Mutated Child #1 at Generation # 21 : 3.6597606787212236

FV at Mutated Child #2 at Generation # 21 : 4.1184307599863486

--> Family: # 62

FV at Mutated Child #1 at Generation # 21 : 134.965102477028

FV at Mutated Child #2 at Generation # 21 : 2.302340789485244

--> Family: # 63

FV at Mutated Child #1 at Generation # 21 : 2.718859377232662

FV at Mutated Child #2 at Generation # 21 : 21.992097245024627

--> Family: # 64

FV at Mutated Child #1 at Generation # 21 : 12.897368745810022

FV at Mutated Child #2 at Generation # 21 : 18.90313066840797

--> Family: # 65

FV at Mutated Child #1 at Generation # 21 : 2.1172141720797892

FV at Mutated Child #2 at Generation # 21 : 3.8937521486854574

--> Family: # 66

FV at Mutated Child #1 at Generation # 21 : 580.4443030390674

FV at Mutated Child #2 at Generation # 21 : 535.815889862649

--> Family: # 67

FV at Mutated Child #1 at Generation # 21 : 614.1545864521502

FV at Mutated Child #2 at Generation # 21 : 153.82130675122679

--> Family: # 68

FV at Mutated Child #1 at Generation # 21 : 66.40620317058375

FV at Mutated Child #2 at Generation # 21 : 7.488753177804422

--> Family: # 69

FV at Mutated Child #1 at Generation # 21 : 113.748228235764

FV at Mutated Child #2 at Generation # 21 : 3.615949365919089

--> Family: # 70

FV at Mutated Child #1 at Generation # 21 : 20.332350130609793

FV at Mutated Child #2 at Generation # 21 : 4.849304681284904

--> Family: # 71

FV at Mutated Child #1 at Generation # 21 : 30.704716895054485

FV at Mutated Child #2 at Generation # 21 : 1.9437393339323794

--> Family: # 72

FV at Mutated Child #1 at Generation # 21 : 22.906519726640372

FV at Mutated Child #2 at Generation # 21 : 152.93835598889078

--> Family: # 73



FV at Mutated Child #1 at Generation # 21 : 14.641819102170816  
FV at Mutated Child #2 at Generation # 21 : 16.232615508188765  
--> Family: # 74

FV at Mutated Child #1 at Generation # 21 : 6.679666116434697  
FV at Mutated Child #2 at Generation # 21 : 2.080558841803585  
--> Family: # 75

FV at Mutated Child #1 at Generation # 21 : 11.174713781056736  
FV at Mutated Child #2 at Generation # 21 : 8.034222475370397  
--> Family: # 76

FV at Mutated Child #1 at Generation # 21 : 0.8536093521761148  
FV at Mutated Child #2 at Generation # 21 : 3.1367580661509  
--> Family: # 77

FV at Mutated Child #1 at Generation # 21 : 9.586859957258971  
FV at Mutated Child #2 at Generation # 21 : 10.701924693221756  
--> Family: # 78

FV at Mutated Child #1 at Generation # 21 : 18.16525046006771  
FV at Mutated Child #2 at Generation # 21 : 7.642215349447733  
--> Family: # 79

FV at Mutated Child #1 at Generation # 21 : 127.21554425512866  
FV at Mutated Child #2 at Generation # 21 : 24.090678840494355  
--> Family: # 80

FV at Mutated Child #1 at Generation # 21 : 14.592716533637304  
FV at Mutated Child #2 at Generation # 21 : 46.31377091319067  
--> Generation: # 22  
--> Family: # 1

FV at Mutated Child #1 at Generation # 22 : 0.6112621848126094  
FV at Mutated Child #2 at Generation # 22 : 27.541035105592258  
--> Family: # 2

FV at Mutated Child #1 at Generation # 22 : 25.07576564870133  
FV at Mutated Child #2 at Generation # 22 : 3.4415248801805904  
--> Family: # 3

FV at Mutated Child #1 at Generation # 22 : 0.7505196537975408  
FV at Mutated Child #2 at Generation # 22 : 0.8509585985466857  
--> Family: # 4

FV at Mutated Child #1 at Generation # 22 : 10.748369539212149  
FV at Mutated Child #2 at Generation # 22 : 0.5530647240689821  
--> Family: # 5

FV at Mutated Child #1 at Generation # 22 : 0.5665335230382995  
FV at Mutated Child #2 at Generation # 22 : 1.3217189492619417  
--> Family: # 6

FV at Mutated Child #1 at Generation # 22 : 2.2681469882381067  
FV at Mutated Child #2 at Generation # 22 : 72.98924743731766  
--> Family: # 7

FV at Mutated Child #1 at Generation # 22 : 94.35795385305799  
FV at Mutated Child #2 at Generation # 22 : 1.5045201325384752  
--> Family: # 8

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FV at Mutated Child #1 at Generation # 22 : 101.59170471821696
FV at Mutated Child #2 at Generation # 22 : 1.0422361996970462
--> Family: # 9

FV at Mutated Child #1 at Generation # 22 : 1.375641359599562
FV at Mutated Child #2 at Generation # 22 : 13.190221836772517
--> Family: # 10

FV at Mutated Child #1 at Generation # 22 : 3.712132107869941
FV at Mutated Child #2 at Generation # 22 : 38.354721547348085
--> Family: # 11

FV at Mutated Child #1 at Generation # 22 : 89.52004344307488
FV at Mutated Child #2 at Generation # 22 : 0.651657029093141
--> Family: # 12

FV at Mutated Child #1 at Generation # 22 : 0.5060797826117442
FV at Mutated Child #2 at Generation # 22 : 2.475487323849531
--> Family: # 13

FV at Mutated Child #1 at Generation # 22 : 21.018539040936428
FV at Mutated Child #2 at Generation # 22 : 25.320273307422703
--> Family: # 14

FV at Mutated Child #1 at Generation # 22 : 0.8481717037541292
FV at Mutated Child #2 at Generation # 22 : 547.6972375547083
--> Family: # 15

FV at Mutated Child #1 at Generation # 22 : 12.826799684416216
FV at Mutated Child #2 at Generation # 22 : 0.734737218305455
--> Family: # 16

FV at Mutated Child #1 at Generation # 22 : 6.709345990647016
FV at Mutated Child #2 at Generation # 22 : 3.531633809321871
--> Family: # 17

FV at Mutated Child #1 at Generation # 22 : 1.8588176279567847
FV at Mutated Child #2 at Generation # 22 : 2.6601709920825787
--> Family: # 18

FV at Mutated Child #1 at Generation # 22 : 0.5257018468368678
FV at Mutated Child #2 at Generation # 22 : 31.18740515064114
--> Family: # 19

FV at Mutated Child #1 at Generation # 22 : 3.0010052182748734
FV at Mutated Child #2 at Generation # 22 : 3.3628305602394617
--> Family: # 20

FV at Mutated Child #1 at Generation # 22 : 1.1263360009731058
FV at Mutated Child #2 at Generation # 22 : 144.36036761988439
--> Family: # 21

FV at Mutated Child #1 at Generation # 22 : 125.84640236363646
FV at Mutated Child #2 at Generation # 22 : 0.7902689697194611
--> Family: # 22

FV at Mutated Child #1 at Generation # 22 : 19.53557525891249
FV at Mutated Child #2 at Generation # 22 : 1.765324097604627
--> Family: # 23
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FV at Mutated Child #1 at Generation # 22 : 0.8636258658678935  
FV at Mutated Child #2 at Generation # 22 : 81.32819474474208  
--> Family: # 24

FV at Mutated Child #1 at Generation # 22 : 58.55299431766333  
FV at Mutated Child #2 at Generation # 22 : 1.690152961098673  
--> Family: # 25

FV at Mutated Child #1 at Generation # 22 : 5.899322976861159  
FV at Mutated Child #2 at Generation # 22 : 0.502435831089661  
--> Family: # 26

FV at Mutated Child #1 at Generation # 22 : 1.4890047866959204  
FV at Mutated Child #2 at Generation # 22 : 24.618425936792278  
--> Family: # 27

FV at Mutated Child #1 at Generation # 22 : 2.6983622214147083  
FV at Mutated Child #2 at Generation # 22 : 122.68351357756148  
--> Family: # 28

FV at Mutated Child #1 at Generation # 22 : 94.59773656923271  
FV at Mutated Child #2 at Generation # 22 : 2264.6043235119046  
--> Family: # 29

FV at Mutated Child #1 at Generation # 22 : 11.016761653071052  
FV at Mutated Child #2 at Generation # 22 : 3.097947677009219  
--> Family: # 30

FV at Mutated Child #1 at Generation # 22 : 1.0842260268393231  
FV at Mutated Child #2 at Generation # 22 : 542.23563160755  
--> Family: # 31

FV at Mutated Child #1 at Generation # 22 : 0.7806799260698278  
FV at Mutated Child #2 at Generation # 22 : 3.24544470683633  
--> Family: # 32

FV at Mutated Child #1 at Generation # 22 : 0.7682480115311507  
FV at Mutated Child #2 at Generation # 22 : 5.551631607051836  
--> Family: # 33

FV at Mutated Child #1 at Generation # 22 : 0.743898609950705  
FV at Mutated Child #2 at Generation # 22 : 0.9923482389796474  
--> Family: # 34

FV at Mutated Child #1 at Generation # 22 : 3.644617383683521  
FV at Mutated Child #2 at Generation # 22 : 5.945869630057353  
--> Family: # 35

FV at Mutated Child #1 at Generation # 22 : 0.5077028609064941  
FV at Mutated Child #2 at Generation # 22 : 6.682297010295104  
--> Family: # 36

FV at Mutated Child #1 at Generation # 22 : 123.29851478280078  
FV at Mutated Child #2 at Generation # 22 : 1.5045201325384752  
--> Family: # 37

FV at Mutated Child #1 at Generation # 22 : 546.4141602428642  
FV at Mutated Child #2 at Generation # 22 : 472.88846335067547  
--> Family: # 38

FV at Mutated Child #1 at Generation # 22 : 1.1853325240141148

FV at Mutated Child #2 at Generation # 22 : 23.745439509373295

--> Family: # 39

FV at Mutated Child #1 at Generation # 22 : 26.242128525280837

FV at Mutated Child #2 at Generation # 22 : 0.577417357954175

--> Family: # 40

FV at Mutated Child #1 at Generation # 22 : 8.95143639129507

FV at Mutated Child #2 at Generation # 22 : 1.4592875106951828

--> Family: # 41

FV at Mutated Child #1 at Generation # 22 : 5.327759481856039

FV at Mutated Child #2 at Generation # 22 : 2.569402086481077

--> Family: # 42

FV at Mutated Child #1 at Generation # 22 : 102.48872997912225

FV at Mutated Child #2 at Generation # 22 : 0.629843423557146

--> Family: # 43

FV at Mutated Child #1 at Generation # 22 : 22.186817232716017

FV at Mutated Child #2 at Generation # 22 : 2.9848655819716474

--> Family: # 44

FV at Mutated Child #1 at Generation # 22 : 518.1786954335448

FV at Mutated Child #2 at Generation # 22 : 3.658914467739548

--> Family: # 45

FV at Mutated Child #1 at Generation # 22 : 72.12097640092405

FV at Mutated Child #2 at Generation # 22 : 450.8722178659793

--> Family: # 46

FV at Mutated Child #1 at Generation # 22 : 2.3300035634562164

FV at Mutated Child #2 at Generation # 22 : 530.67278682344

--> Family: # 47

FV at Mutated Child #1 at Generation # 22 : 133.33233324243838

FV at Mutated Child #2 at Generation # 22 : 130.42024617633382

--> Family: # 48

FV at Mutated Child #1 at Generation # 22 : 662.1047303424566

FV at Mutated Child #2 at Generation # 22 : 550.1832823870451

--> Family: # 49

FV at Mutated Child #1 at Generation # 22 : 3.692373740719227

FV at Mutated Child #2 at Generation # 22 : 0.7278483066254186

--> Family: # 50

FV at Mutated Child #1 at Generation # 22 : 1.8380097568511418

FV at Mutated Child #2 at Generation # 22 : 3.0331523674534586

--> Family: # 51

FV at Mutated Child #1 at Generation # 22 : 14.117013269802008

FV at Mutated Child #2 at Generation # 22 : 0.7809596669126562

--> Family: # 52

FV at Mutated Child #1 at Generation # 22 : 5.0678981816298085

FV at Mutated Child #2 at Generation # 22 : 6.962501666734186

--> Family: # 53

FV at Mutated Child #1 at Generation # 22 : 122.95195163488559

FV at Mutated Child #2 at Generation # 22 : 113.33117703985062

--> Family: # 54

FV at Mutated Child #1 at Generation # 22 : 0.6788790889738445

FV at Mutated Child #2 at Generation # 22 : 22.118270196707808

--> Family: # 55

FV at Mutated Child #1 at Generation # 22 : 0.7804630353669799

FV at Mutated Child #2 at Generation # 22 : 4.072332290124418

--> Family: # 56

FV at Mutated Child #1 at Generation # 22 : 68.31519512232971

FV at Mutated Child #2 at Generation # 22 : 6.39485805270628

--> Family: # 57

FV at Mutated Child #1 at Generation # 22 : 607.504883364523

FV at Mutated Child #2 at Generation # 22 : 33.170260979490344

--> Family: # 58

FV at Mutated Child #1 at Generation # 22 : 2.231497179694386

FV at Mutated Child #2 at Generation # 22 : 0.4563402610013424

--> Family: # 59

FV at Mutated Child #1 at Generation # 22 : 3.8264541220623642

FV at Mutated Child #2 at Generation # 22 : 1.4767685718869514

--> Family: # 60

FV at Mutated Child #1 at Generation # 22 : 0.6332605477710953

FV at Mutated Child #2 at Generation # 22 : 2191.5773004945804

--> Family: # 61

FV at Mutated Child #1 at Generation # 22 : 0.42615815572037474

FV at Mutated Child #2 at Generation # 22 : 7.246705238049423

--> Family: # 62

FV at Mutated Child #1 at Generation # 22 : 10.209346052928755

FV at Mutated Child #2 at Generation # 22 : 6.407159457984676

--> Family: # 63

FV at Mutated Child #1 at Generation # 22 : 2.305039581386701

FV at Mutated Child #2 at Generation # 22 : 9.197244002483883

--> Family: # 64

FV at Mutated Child #1 at Generation # 22 : 0.7715220957475848

FV at Mutated Child #2 at Generation # 22 : 8.290607724174867

--> Family: # 65

FV at Mutated Child #1 at Generation # 22 : 0.5785651814574688

FV at Mutated Child #2 at Generation # 22 : 110.99341152617977

--> Family: # 66

FV at Mutated Child #1 at Generation # 22 : 10.205194617391319

FV at Mutated Child #2 at Generation # 22 : 535.2252526861554

--> Family: # 67

FV at Mutated Child #1 at Generation # 22 : 0.9150998239275353

FV at Mutated Child #2 at Generation # 22 : 546.6542923614137

--> Family: # 68

FV at Mutated Child #1 at Generation # 22 : 2.5029862547272153

FV at Mutated Child #2 at Generation # 22 : 0.643572019512948

--> Family: # 69

FV at Mutated Child #1 at Generation # 22 : 2437.349039557433  
FV at Mutated Child #2 at Generation # 22 : 2.2236482095288554  
--> Family: # 70

FV at Mutated Child #1 at Generation # 22 : 0.503245718006583  
FV at Mutated Child #2 at Generation # 22 : 0.46201949041671525  
--> Family: # 71

FV at Mutated Child #1 at Generation # 22 : 84.83917142396369  
FV at Mutated Child #2 at Generation # 22 : 1.3190221468851486  
--> Family: # 72

FV at Mutated Child #1 at Generation # 22 : 7.820256795539921  
FV at Mutated Child #2 at Generation # 22 : 22.868746220864622  
--> Family: # 73

FV at Mutated Child #1 at Generation # 22 : 16.160981647310784  
FV at Mutated Child #2 at Generation # 22 : 73.76999058099828  
--> Family: # 74

FV at Mutated Child #1 at Generation # 22 : 99.14540866185666  
FV at Mutated Child #2 at Generation # 22 : 0.7370507800777493  
--> Family: # 75

FV at Mutated Child #1 at Generation # 22 : 3.991470470566956  
FV at Mutated Child #2 at Generation # 22 : 1.8912318819353788  
--> Family: # 76

FV at Mutated Child #1 at Generation # 22 : 0.7209573806765431  
FV at Mutated Child #2 at Generation # 22 : 9.04066098748627  
--> Family: # 77

FV at Mutated Child #1 at Generation # 22 : 2328.8163900012046  
FV at Mutated Child #2 at Generation # 22 : 1.5133636987070687  
--> Family: # 78

FV at Mutated Child #1 at Generation # 22 : 0.49152522826934514  
FV at Mutated Child #2 at Generation # 22 : 563.807070463343  
--> Family: # 79

FV at Mutated Child #1 at Generation # 22 : 1.5994999914732246  
FV at Mutated Child #2 at Generation # 22 : 507.7638240320208  
--> Family: # 80

FV at Mutated Child #1 at Generation # 22 : 0.6648988571420367  
FV at Mutated Child #2 at Generation # 22 : 518.1807136406088  
--> Generation: # 23  
--> Family: # 1

FV at Mutated Child #1 at Generation # 23 : 28.021586342486735  
FV at Mutated Child #2 at Generation # 23 : 18.989996546698055  
--> Family: # 2

FV at Mutated Child #1 at Generation # 23 : 1.6821350960301062  
FV at Mutated Child #2 at Generation # 23 : 619.305137925044  
--> Family: # 3

FV at Mutated Child #1 at Generation # 23 : 612.6866666019347  
FV at Mutated Child #2 at Generation # 23 : 40.894706205540665  
--> Family: # 4

FV at Mutated Child #1 at Generation # 23 : 17.669219099692036  
FV at Mutated Child #2 at Generation # 23 : 11.468788950346756  
--> Family: # 5

FV at Mutated Child #1 at Generation # 23 : 28.84329777594604  
FV at Mutated Child #2 at Generation # 23 : 9.029999194331655  
--> Family: # 6

FV at Mutated Child #1 at Generation # 23 : 7.19814265964461  
FV at Mutated Child #2 at Generation # 23 : 20.37139830878109  
--> Family: # 7

FV at Mutated Child #1 at Generation # 23 : 2.1428379240713245  
FV at Mutated Child #2 at Generation # 23 : 577.1500503345032  
--> Family: # 8

FV at Mutated Child #1 at Generation # 23 : 1.2284427611992204  
FV at Mutated Child #2 at Generation # 23 : 3.792814382446082  
--> Family: # 9

FV at Mutated Child #1 at Generation # 23 : 4.5968823870805435  
FV at Mutated Child #2 at Generation # 23 : 24.031953227211705  
--> Family: # 10

FV at Mutated Child #1 at Generation # 23 : 42.774913747735035  
FV at Mutated Child #2 at Generation # 23 : 119.8397236236058  
--> Family: # 11

FV at Mutated Child #1 at Generation # 23 : 3.1429290721280787  
FV at Mutated Child #2 at Generation # 23 : 14.843022209327778  
--> Family: # 12

FV at Mutated Child #1 at Generation # 23 : 46.37787726588379  
FV at Mutated Child #2 at Generation # 23 : 7.09630023361232  
--> Family: # 13

FV at Mutated Child #1 at Generation # 23 : 505.895797195966  
FV at Mutated Child #2 at Generation # 23 : 3.681098311943369  
--> Family: # 14

FV at Mutated Child #1 at Generation # 23 : 2254.986049228657  
FV at Mutated Child #2 at Generation # 23 : 26.267799591504478  
--> Family: # 15

FV at Mutated Child #1 at Generation # 23 : 8.202868427725033  
FV at Mutated Child #2 at Generation # 23 : 10.651441160899822  
--> Family: # 16

FV at Mutated Child #1 at Generation # 23 : 17.911702404015788  
FV at Mutated Child #2 at Generation # 23 : 7.4864612445872405  
--> Family: # 17

FV at Mutated Child #1 at Generation # 23 : 605.8295840617014  
FV at Mutated Child #2 at Generation # 23 : 13.23120232684099  
--> Family: # 18

FV at Mutated Child #1 at Generation # 23 : 3.1085967570797157  
FV at Mutated Child #2 at Generation # 23 : 16.173323920450006  
--> Family: # 19

FV at Mutated Child #1 at Generation # 23 : 6.02499030479443  
FV at Mutated Child #2 at Generation # 23 : 56.37919118647814  
--> Family: # 20

FV at Mutated Child #1 at Generation # 23 : 194.08813120495998  
FV at Mutated Child #2 at Generation # 23 : 47.067349236030864  
--> Family: # 21

FV at Mutated Child #1 at Generation # 23 : 27.783162566443504  
FV at Mutated Child #2 at Generation # 23 : 7.621633024357083  
--> Family: # 22

FV at Mutated Child #1 at Generation # 23 : 50.90523262522877  
FV at Mutated Child #2 at Generation # 23 : 6.341942481869103  
--> Family: # 23

FV at Mutated Child #1 at Generation # 23 : 156.02086072432866  
FV at Mutated Child #2 at Generation # 23 : 30.460712905441003  
--> Family: # 24

FV at Mutated Child #1 at Generation # 23 : 1.298386798438651  
FV at Mutated Child #2 at Generation # 23 : 4.213043463902708  
--> Family: # 25

FV at Mutated Child #1 at Generation # 23 : 132.98625799633407  
FV at Mutated Child #2 at Generation # 23 : 22.045026931400436  
--> Family: # 26

FV at Mutated Child #1 at Generation # 23 : 3.5452888714440394  
FV at Mutated Child #2 at Generation # 23 : 1.8226147459723858  
--> Family: # 27

FV at Mutated Child #1 at Generation # 23 : 3.7247716325563456  
FV at Mutated Child #2 at Generation # 23 : 131.62599311873305  
--> Family: # 28

FV at Mutated Child #1 at Generation # 23 : 1.1601201752830976  
FV at Mutated Child #2 at Generation # 23 : 36.79756556336743  
--> Family: # 29

FV at Mutated Child #1 at Generation # 23 : 188.35007030771354  
FV at Mutated Child #2 at Generation # 23 : 39.229884173854735  
--> Family: # 30

FV at Mutated Child #1 at Generation # 23 : 4.010311264442892  
FV at Mutated Child #2 at Generation # 23 : 3.2093030972435086  
--> Family: # 31

FV at Mutated Child #1 at Generation # 23 : 161.36185554926087  
FV at Mutated Child #2 at Generation # 23 : 127.9619246360124  
--> Family: # 32

FV at Mutated Child #1 at Generation # 23 : 536.9437675055931  
FV at Mutated Child #2 at Generation # 23 : 8.930543832409676  
--> Family: # 33

FV at Mutated Child #1 at Generation # 23 : 139.6108434994112  
FV at Mutated Child #2 at Generation # 23 : 3.2381778208155336  
--> Family: # 34

FV at Mutated Child #1 at Generation # 23 : 9.512845768629631



FV at Mutated Child #2 at Generation # 23 : 42.128276833085934  
--> Family: # 35

FV at Mutated Child #1 at Generation # 23 : 28.288147455257803  
FV at Mutated Child #2 at Generation # 23 : 2.05006809040759  
--> Family: # 36

FV at Mutated Child #1 at Generation # 23 : 11.411516665585584  
FV at Mutated Child #2 at Generation # 23 : 14.902049718133583  
--> Family: # 37

FV at Mutated Child #1 at Generation # 23 : 39.908531320601554  
FV at Mutated Child #2 at Generation # 23 : 15.359157979145387  
--> Family: # 38

FV at Mutated Child #1 at Generation # 23 : 119.8397236236058  
FV at Mutated Child #2 at Generation # 23 : 2.6147397766014526  
--> Family: # 39

FV at Mutated Child #1 at Generation # 23 : 617.6054575336854  
FV at Mutated Child #2 at Generation # 23 : 635.5991705950813  
--> Family: # 40

FV at Mutated Child #1 at Generation # 23 : 27.862559953039  
FV at Mutated Child #2 at Generation # 23 : 134.69044448323052  
--> Family: # 41

FV at Mutated Child #1 at Generation # 23 : 6.807845036576507  
FV at Mutated Child #2 at Generation # 23 : 25.852436027319417  
--> Family: # 42

FV at Mutated Child #1 at Generation # 23 : 593.0898424766451  
FV at Mutated Child #2 at Generation # 23 : 1.7903128298934057  
--> Family: # 43

FV at Mutated Child #1 at Generation # 23 : 15.795702644690719  
FV at Mutated Child #2 at Generation # 23 : 1.9795173540328737  
--> Family: # 44

FV at Mutated Child #1 at Generation # 23 : 24.165941956794683  
FV at Mutated Child #2 at Generation # 23 : 7.651360176666713  
--> Family: # 45

FV at Mutated Child #1 at Generation # 23 : 41.18198603113282  
FV at Mutated Child #2 at Generation # 23 : 6.443434008324042  
--> Family: # 46

FV at Mutated Child #1 at Generation # 23 : 639.5028065995912  
FV at Mutated Child #2 at Generation # 23 : 158.30364076479844  
--> Family: # 47

FV at Mutated Child #1 at Generation # 23 : 3.8853340975606763  
FV at Mutated Child #2 at Generation # 23 : 52842.68473016406  
--> Family: # 48

FV at Mutated Child #1 at Generation # 23 : 225.99884668516904  
FV at Mutated Child #2 at Generation # 23 : 8.086588681298673  
--> Family: # 49

FV at Mutated Child #1 at Generation # 23 : 12.86033549945629  
FV at Mutated Child #2 at Generation # 23 : 30.503918764248834

--> Family: # 50

FV at Mutated Child #1 at Generation # 23 : 32.250526050412674

FV at Mutated Child #2 at Generation # 23 : 369.7297905160548

--> Family: # 51

FV at Mutated Child #1 at Generation # 23 : 3.4935264717851293

FV at Mutated Child #2 at Generation # 23 : 0.8796506270634444

--> Family: # 52

FV at Mutated Child #1 at Generation # 23 : 19.19313741387162

FV at Mutated Child #2 at Generation # 23 : 49.46230190104857

--> Family: # 53

FV at Mutated Child #1 at Generation # 23 : 10.023130949987365

FV at Mutated Child #2 at Generation # 23 : 1.5969225298411223

--> Family: # 54

FV at Mutated Child #1 at Generation # 23 : 17.915859324708396

FV at Mutated Child #2 at Generation # 23 : 27.72555803389782

--> Family: # 55

FV at Mutated Child #1 at Generation # 23 : 16.63045032900859

FV at Mutated Child #2 at Generation # 23 : 1.8470876754853718

--> Family: # 56

FV at Mutated Child #1 at Generation # 23 : 11.802598225020127

FV at Mutated Child #2 at Generation # 23 : 12.364387380396066

--> Family: # 57

FV at Mutated Child #1 at Generation # 23 : 11.925345162073436

FV at Mutated Child #2 at Generation # 23 : 3.099639708629289

--> Family: # 58

FV at Mutated Child #1 at Generation # 23 : 220.10448674627972

FV at Mutated Child #2 at Generation # 23 : 7.707410999772771

--> Family: # 59

FV at Mutated Child #1 at Generation # 23 : 35.69898231043215

FV at Mutated Child #2 at Generation # 23 : 4.419463654203659

--> Family: # 60

FV at Mutated Child #1 at Generation # 23 : 8.482418045610316

FV at Mutated Child #2 at Generation # 23 : 21.391809987159935

--> Family: # 61

FV at Mutated Child #1 at Generation # 23 : 9.271327567094673

FV at Mutated Child #2 at Generation # 23 : 9.931187894885081

--> Family: # 62

FV at Mutated Child #1 at Generation # 23 : 2.756919321652595

FV at Mutated Child #2 at Generation # 23 : 1.713357512090695

--> Family: # 63

FV at Mutated Child #1 at Generation # 23 : 2.1716479778193523

FV at Mutated Child #2 at Generation # 23 : 161.07843503821266

--> Family: # 64

FV at Mutated Child #1 at Generation # 23 : 18.789017129697513

FV at Mutated Child #2 at Generation # 23 : 9.711688686460404

--> Family: # 65

FV at Mutated Child #1 at Generation # 23 : 81.42677539038056  
FV at Mutated Child #2 at Generation # 23 : 10.428494988231591  
--> Family: # 66

FV at Mutated Child #1 at Generation # 23 : 159.23012810497127  
FV at Mutated Child #2 at Generation # 23 : 11.397498864786657  
--> Family: # 67

FV at Mutated Child #1 at Generation # 23 : 11.84363707119244  
FV at Mutated Child #2 at Generation # 23 : 10.387511181769248  
--> Family: # 68

FV at Mutated Child #1 at Generation # 23 : 2.9500858690972698  
FV at Mutated Child #2 at Generation # 23 : 18.246944276319883  
--> Family: # 69

FV at Mutated Child #1 at Generation # 23 : 76.7885224176424  
FV at Mutated Child #2 at Generation # 23 : 139.03678845714978  
--> Family: # 70

FV at Mutated Child #1 at Generation # 23 : 4.067911333174607  
FV at Mutated Child #2 at Generation # 23 : 155.0698845856909  
--> Family: # 71

FV at Mutated Child #1 at Generation # 23 : 0.9717131165432638  
FV at Mutated Child #2 at Generation # 23 : 70.10129645440136  
--> Family: # 72

FV at Mutated Child #1 at Generation # 23 : 14.092447141404882  
FV at Mutated Child #2 at Generation # 23 : 22.8756086968112  
--> Family: # 73

FV at Mutated Child #1 at Generation # 23 : 6.352661402177301  
FV at Mutated Child #2 at Generation # 23 : 225.26567312131596  
--> Family: # 74

FV at Mutated Child #1 at Generation # 23 : 40.79646075795252  
FV at Mutated Child #2 at Generation # 23 : 10.114238274520307  
--> Family: # 75

FV at Mutated Child #1 at Generation # 23 : 36.38861419991486  
FV at Mutated Child #2 at Generation # 23 : 30.312332329576172  
--> Family: # 76

FV at Mutated Child #1 at Generation # 23 : 27.684216544122748  
FV at Mutated Child #2 at Generation # 23 : 43.271970751972404  
--> Family: # 77

FV at Mutated Child #1 at Generation # 23 : 3.5235050269995205  
FV at Mutated Child #2 at Generation # 23 : 4.908053083681261  
--> Family: # 78

FV at Mutated Child #1 at Generation # 23 : 14.79506259721228  
FV at Mutated Child #2 at Generation # 23 : 6.1079435590989  
--> Family: # 79

FV at Mutated Child #1 at Generation # 23 : 3.266313255772525  
FV at Mutated Child #2 at Generation # 23 : 30.312332329576172  
--> Family: # 80

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FV at Mutated Child #1 at Generation # 23 : 3.280061191564571
FV at Mutated Child #2 at Generation # 23 : 19.859837350290643
--> Generation: # 24
--> Family: # 1

FV at Mutated Child #1 at Generation # 24 : 1.2329226305491745
FV at Mutated Child #2 at Generation # 24 : 31.461708230856967
--> Family: # 2

FV at Mutated Child #1 at Generation # 24 : 3.418886750724159
FV at Mutated Child #2 at Generation # 24 : 0.7595579550359332
--> Family: # 3

FV at Mutated Child #1 at Generation # 24 : 61.43374228995037
FV at Mutated Child #2 at Generation # 24 : 1.1709427525504807
--> Family: # 4

FV at Mutated Child #1 at Generation # 24 : 114.93572974206461
FV at Mutated Child #2 at Generation # 24 : 7.836219933320175
--> Family: # 5

FV at Mutated Child #1 at Generation # 24 : 18.771835142284647
FV at Mutated Child #2 at Generation # 24 : 460.46713375489065
--> Family: # 6

FV at Mutated Child #1 at Generation # 24 : 0.7496125507802925
FV at Mutated Child #2 at Generation # 24 : 5.234135186421303
--> Family: # 7

FV at Mutated Child #1 at Generation # 24 : 0.4860627128406574
FV at Mutated Child #2 at Generation # 24 : 1.715195620509363
--> Family: # 8

FV at Mutated Child #1 at Generation # 24 : 2.1940152381438986
FV at Mutated Child #2 at Generation # 24 : 0.5272162690380893
--> Family: # 9

FV at Mutated Child #1 at Generation # 24 : 1.944127987230623
FV at Mutated Child #2 at Generation # 24 : 91.32026805615816
--> Family: # 10

FV at Mutated Child #1 at Generation # 24 : 0.8183472230900772
FV at Mutated Child #2 at Generation # 24 : 4.120308118170665
--> Family: # 11

FV at Mutated Child #1 at Generation # 24 : 0.9621777602761179
FV at Mutated Child #2 at Generation # 24 : 6.538329962781298
--> Family: # 12

FV at Mutated Child #1 at Generation # 24 : 6.295284029629447
FV at Mutated Child #2 at Generation # 24 : 83.94480418128947
--> Family: # 13

FV at Mutated Child #1 at Generation # 24 : 15.099320759156104
FV at Mutated Child #2 at Generation # 24 : 0.9755450702879924
--> Family: # 14

FV at Mutated Child #1 at Generation # 24 : 0.633265625433456
FV at Mutated Child #2 at Generation # 24 : 546.6608568713071
--> Family: # 15
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FV at Mutated Child #1 at Generation # 24 : 0.4472592812348655  
FV at Mutated Child #2 at Generation # 24 : 24.271046291005078  
--> Family: # 16

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FV at Mutated Child #2 at Generation # 24 : 9.371597757760656  
--> Family: # 17

FV at Mutated Child #1 at Generation # 24 : 0.9175368633198937  
FV at Mutated Child #2 at Generation # 24 : 97.04930799968959  
--> Family: # 18

FV at Mutated Child #1 at Generation # 24 : 7.453084515325918  
FV at Mutated Child #2 at Generation # 24 : 2.392750708114817  
--> Family: # 19

FV at Mutated Child #1 at Generation # 24 : 3.1815944145374555  
FV at Mutated Child #2 at Generation # 24 : 4.99982828828297  
--> Family: # 20

FV at Mutated Child #1 at Generation # 24 : 2.467402771532688  
FV at Mutated Child #2 at Generation # 24 : 26.563978964588074  
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FV at Mutated Child #1 at Generation # 24 : 1.0458654123986817  
FV at Mutated Child #2 at Generation # 24 : 19.119451876508478  
--> Family: # 22

FV at Mutated Child #1 at Generation # 24 : 9.428843106432321  
FV at Mutated Child #2 at Generation # 24 : 0.6854012771434906  
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FV at Mutated Child #2 at Generation # 24 : 2.813249036849712  
--> Family: # 24

FV at Mutated Child #1 at Generation # 24 : 528.3544242917983  
FV at Mutated Child #2 at Generation # 24 : 0.7588439502017728  
--> Family: # 25

FV at Mutated Child #1 at Generation # 24 : 1.8754635789646694  
FV at Mutated Child #2 at Generation # 24 : 117.49554868943414  
--> Family: # 26

FV at Mutated Child #1 at Generation # 24 : 18.039048248660936  
FV at Mutated Child #2 at Generation # 24 : 7.473947917291573  
--> Family: # 27

FV at Mutated Child #1 at Generation # 24 : 1.8873052859796686  
FV at Mutated Child #2 at Generation # 24 : 5.246185607970464  
--> Family: # 28

FV at Mutated Child #1 at Generation # 24 : 20.07835485446365  
FV at Mutated Child #2 at Generation # 24 : 22.446056870756482  
--> Family: # 29

FV at Mutated Child #1 at Generation # 24 : 28.81191787048836  
FV at Mutated Child #2 at Generation # 24 : 20.999674914394525  
--> Family: # 30

FV at Mutated Child #1 at Generation # 24 : 1.6540453244009306

FV at Mutated Child #2 at Generation # 24 : 1.6417287410163697

--> Family: # 31

FV at Mutated Child #1 at Generation # 24 : 7.723784519148635

FV at Mutated Child #2 at Generation # 24 : 0.7515421760890938

--> Family: # 32

FV at Mutated Child #1 at Generation # 24 : 4.961591820700188

FV at Mutated Child #2 at Generation # 24 : 439.3255990467338

--> Family: # 33

FV at Mutated Child #1 at Generation # 24 : 25.8042054555221

FV at Mutated Child #2 at Generation # 24 : 0.9133866544790765

--> Family: # 34

FV at Mutated Child #1 at Generation # 24 : 1.2568823403809446

FV at Mutated Child #2 at Generation # 24 : 1.356569400862776

--> Family: # 35

FV at Mutated Child #1 at Generation # 24 : 1.3563340056972981

FV at Mutated Child #2 at Generation # 24 : 31.191394737306993

--> Family: # 36

FV at Mutated Child #1 at Generation # 24 : 3.9662928602383953

FV at Mutated Child #2 at Generation # 24 : 496.31878847869115

--> Family: # 37

FV at Mutated Child #1 at Generation # 24 : 2.4695417367994383

FV at Mutated Child #2 at Generation # 24 : 38.53306794770629

--> Family: # 38

FV at Mutated Child #1 at Generation # 24 : 136.8532573352083

FV at Mutated Child #2 at Generation # 24 : 14.480936861295241

--> Family: # 39

FV at Mutated Child #1 at Generation # 24 : 31.655911789331522

FV at Mutated Child #2 at Generation # 24 : 1.2135271660515923

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FV at Mutated Child #1 at Generation # 24 : 4.4651733993533

FV at Mutated Child #2 at Generation # 24 : 11.831818819607065

--> Family: # 42

FV at Mutated Child #1 at Generation # 24 : 0.7724047329245474

FV at Mutated Child #2 at Generation # 24 : 1.7733957567165075

--> Family: # 43

FV at Mutated Child #1 at Generation # 24 : 5.784010598042018

FV at Mutated Child #2 at Generation # 24 : 7.519145146578575

--> Family: # 44

FV at Mutated Child #1 at Generation # 24 : 3.877612582079017

FV at Mutated Child #2 at Generation # 24 : 0.6811378404779103

--> Family: # 45

FV at Mutated Child #1 at Generation # 24 : 1.6099830240643451

FV at Mutated Child #2 at Generation # 24 : 583.7903822310922

--> Family: # 46

FV at Mutated Child #1 at Generation # 24 : 0.9769827843333565

FV at Mutated Child #2 at Generation # 24 : 0.835230840721226

--> Family: # 47

FV at Mutated Child #1 at Generation # 24 : 0.5960020722709721

FV at Mutated Child #2 at Generation # 24 : 1.9869612673437573

--> Family: # 48

FV at Mutated Child #1 at Generation # 24 : 10.613338764954914

FV at Mutated Child #2 at Generation # 24 : 0.3748175774730738

--> Family: # 49

FV at Mutated Child #1 at Generation # 24 : 3.3770151403522846

FV at Mutated Child #2 at Generation # 24 : 0.3871466781111873

--> Family: # 50

FV at Mutated Child #1 at Generation # 24 : 4.0436071063611525

FV at Mutated Child #2 at Generation # 24 : 9.104370131001962

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FV at Mutated Child #2 at Generation # 24 : 562.2686056700311

--> Family: # 52

FV at Mutated Child #1 at Generation # 24 : 6.150975932946078

FV at Mutated Child #2 at Generation # 24 : 28.775811170815796

--> Family: # 53

FV at Mutated Child #1 at Generation # 24 : 3.4792973067943027

FV at Mutated Child #2 at Generation # 24 : 66.54331928384711

--> Family: # 54

FV at Mutated Child #1 at Generation # 24 : 0.7146630752531526

FV at Mutated Child #2 at Generation # 24 : 17.924253922371413

--> Family: # 55

FV at Mutated Child #1 at Generation # 24 : 129.4850170979724

FV at Mutated Child #2 at Generation # 24 : 160.40423206834225

--> Family: # 56

FV at Mutated Child #1 at Generation # 24 : 18.950053929311196

FV at Mutated Child #2 at Generation # 24 : 50.67724100350941

--> Family: # 57

FV at Mutated Child #1 at Generation # 24 : 0.7079496450230558

FV at Mutated Child #2 at Generation # 24 : 0.7695057274052993

--> Family: # 58

FV at Mutated Child #1 at Generation # 24 : 0.871611460456181

FV at Mutated Child #2 at Generation # 24 : 31.32640243608364

--> Family: # 59

FV at Mutated Child #1 at Generation # 24 : 393.52212569465144

FV at Mutated Child #2 at Generation # 24 : 120.25427907228617

--> Family: # 60

FV at Mutated Child #1 at Generation # 24 : 6.190540326669477

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--> Family: # 61

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--> Family: # 62

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--> Family: # 63

FV at Mutated Child #1 at Generation # 24 : 0.708655306362554  
FV at Mutated Child #2 at Generation # 24 : 93.45509425717566  
--> Family: # 64

FV at Mutated Child #1 at Generation # 24 : 4.355517887045057  
FV at Mutated Child #2 at Generation # 24 : 0.6845897091442984  
--> Family: # 65

FV at Mutated Child #1 at Generation # 24 : 25.629638844112286  
FV at Mutated Child #2 at Generation # 24 : 0.44697995698772086  
--> Family: # 66

FV at Mutated Child #1 at Generation # 24 : 0.7594261954939803  
FV at Mutated Child #2 at Generation # 24 : 47.96759263663285  
--> Family: # 67

FV at Mutated Child #1 at Generation # 24 : 29.62354442467935  
FV at Mutated Child #2 at Generation # 24 : 1.8345623210902269  
--> Family: # 68

FV at Mutated Child #1 at Generation # 24 : 0.42159629994706377  
FV at Mutated Child #2 at Generation # 24 : 1.3325726580719972  
--> Family: # 69

FV at Mutated Child #1 at Generation # 24 : 22.82838433873757  
FV at Mutated Child #2 at Generation # 24 : 1.7975245669298623  
--> Family: # 70

FV at Mutated Child #1 at Generation # 24 : 3.0466343097307207  
FV at Mutated Child #2 at Generation # 24 : 4.515749522317326  
--> Family: # 71

FV at Mutated Child #1 at Generation # 24 : 136.2180180340296  
FV at Mutated Child #2 at Generation # 24 : 0.6834170680484983  
--> Family: # 72

FV at Mutated Child #1 at Generation # 24 : 30.702078978836482  
FV at Mutated Child #2 at Generation # 24 : 20.585903582874888  
--> Family: # 73

FV at Mutated Child #1 at Generation # 24 : 0.559392202048351  
FV at Mutated Child #2 at Generation # 24 : 1.1413043791370017  
--> Family: # 74

FV at Mutated Child #1 at Generation # 24 : 127.31304853833997  
FV at Mutated Child #2 at Generation # 24 : 45.81615947285782  
--> Family: # 75

FV at Mutated Child #1 at Generation # 24 : 22.058870651363712  
FV at Mutated Child #2 at Generation # 24 : 1.296721010930476  
--> Family: # 76



FV at Mutated Child #1 at Generation # 24 : 3.5204140934801145  
FV at Mutated Child #2 at Generation # 24 : 8.768983070607696  
--> Family: # 77

FV at Mutated Child #1 at Generation # 24 : 1.9454116527542382  
FV at Mutated Child #2 at Generation # 24 : 0.5693967200762534  
--> Family: # 78

FV at Mutated Child #1 at Generation # 24 : 2.194190662962002  
FV at Mutated Child #2 at Generation # 24 : 30.01100463121136  
--> Family: # 79

FV at Mutated Child #1 at Generation # 24 : 3.5541001504632055  
FV at Mutated Child #2 at Generation # 24 : 124.11201069780472  
--> Family: # 80

FV at Mutated Child #1 at Generation # 24 : 2.31352951042774  
FV at Mutated Child #2 at Generation # 24 : 0.8633972691769342  
--> Generation: # 25  
--> Family: # 1

FV at Mutated Child #1 at Generation # 25 : 18.239306269338346  
FV at Mutated Child #2 at Generation # 25 : 110.92385637266919  
--> Family: # 2

FV at Mutated Child #1 at Generation # 25 : 10.329125208621658  
FV at Mutated Child #2 at Generation # 25 : 48.422446811209255  
--> Family: # 3

FV at Mutated Child #1 at Generation # 25 : 1.8304854665007788  
FV at Mutated Child #2 at Generation # 25 : 5.649517412666885  
--> Family: # 4

FV at Mutated Child #1 at Generation # 25 : 4.710437598077518  
FV at Mutated Child #2 at Generation # 25 : 615.2013000603164  
--> Family: # 5

FV at Mutated Child #1 at Generation # 25 : 38.938560847371484  
FV at Mutated Child #2 at Generation # 25 : 1.0625292865901776  
--> Family: # 6

FV at Mutated Child #1 at Generation # 25 : 0.8755873370262666  
FV at Mutated Child #2 at Generation # 25 : 1.9552854503171466  
--> Family: # 7

FV at Mutated Child #1 at Generation # 25 : 566.9601908947022  
FV at Mutated Child #2 at Generation # 25 : 2.9286723653950544  
--> Family: # 8

FV at Mutated Child #1 at Generation # 25 : 3.5408329596113846  
FV at Mutated Child #2 at Generation # 25 : 1.4323690276841896  
--> Family: # 9

FV at Mutated Child #1 at Generation # 25 : 35.127896706218124  
FV at Mutated Child #2 at Generation # 25 : 7.924623721395532  
--> Family: # 10

FV at Mutated Child #1 at Generation # 25 : 25.573950480286168  
FV at Mutated Child #2 at Generation # 25 : 0.9616547254547136  
--> Family: # 11

FV at Mutated Child #1 at Generation # 25 : 5.765491449882231  
FV at Mutated Child #2 at Generation # 25 : 27.77682134387404  
--> Family: # 12

FV at Mutated Child #1 at Generation # 25 : 624.9222175755091  
FV at Mutated Child #2 at Generation # 25 : 4.773580309553805  
--> Family: # 13

FV at Mutated Child #1 at Generation # 25 : 12.783167455581829  
FV at Mutated Child #2 at Generation # 25 : 2486.3218965611172  
--> Family: # 14

FV at Mutated Child #1 at Generation # 25 : 2.6089519197011306  
FV at Mutated Child #2 at Generation # 25 : 3.145922967835979  
--> Family: # 15

FV at Mutated Child #1 at Generation # 25 : 4.830359618085769  
FV at Mutated Child #2 at Generation # 25 : 2.8902675078196536  
--> Family: # 16

FV at Mutated Child #1 at Generation # 25 : 1.1981865769687472  
FV at Mutated Child #2 at Generation # 25 : 10.335592295290423  
--> Family: # 17

FV at Mutated Child #1 at Generation # 25 : 139.09582382412322  
FV at Mutated Child #2 at Generation # 25 : 11.345620988659904  
--> Family: # 18

FV at Mutated Child #1 at Generation # 25 : 2.40307987308345  
FV at Mutated Child #2 at Generation # 25 : 16.43003963393321  
--> Family: # 19

FV at Mutated Child #1 at Generation # 25 : 10.154453316891985  
FV at Mutated Child #2 at Generation # 25 : 1.2241120920750694  
--> Family: # 20

FV at Mutated Child #1 at Generation # 25 : 30.996476043250684  
FV at Mutated Child #2 at Generation # 25 : 4.498458721281584  
--> Family: # 21

FV at Mutated Child #1 at Generation # 25 : 150.34139870082853  
FV at Mutated Child #2 at Generation # 25 : 2.287245626637492  
--> Family: # 22

FV at Mutated Child #1 at Generation # 25 : 1.1227980618365145  
FV at Mutated Child #2 at Generation # 25 : 39.392995136617934  
--> Family: # 23

FV at Mutated Child #1 at Generation # 25 : 638.9006280338826  
FV at Mutated Child #2 at Generation # 25 : 11.499826284784108  
--> Family: # 24

FV at Mutated Child #1 at Generation # 25 : 37.1205334891355  
FV at Mutated Child #2 at Generation # 25 : 6.984293087993005  
--> Family: # 25

FV at Mutated Child #1 at Generation # 25 : 1.0344612215707125  
FV at Mutated Child #2 at Generation # 25 : 10.860051952403783  
--> Family: # 26

FV at Mutated Child #1 at Generation # 25 : 3.9969347248037614

FV at Mutated Child #2 at Generation # 25 : 1.2001593049020203  
--> Family: # 27

FV at Mutated Child #1 at Generation # 25 : 30.728688544904813  
FV at Mutated Child #2 at Generation # 25 : 3.9645310330030274  
--> Family: # 28

FV at Mutated Child #1 at Generation # 25 : 131.05960911384454  
FV at Mutated Child #2 at Generation # 25 : 1.703648556493767  
--> Family: # 29

FV at Mutated Child #1 at Generation # 25 : 732.3590486616175  
FV at Mutated Child #2 at Generation # 25 : 6.319565862277368  
--> Family: # 30

FV at Mutated Child #1 at Generation # 25 : 8.579259704974273  
FV at Mutated Child #2 at Generation # 25 : 9.219247334494707  
--> Family: # 31

FV at Mutated Child #1 at Generation # 25 : 13.905277250953253  
FV at Mutated Child #2 at Generation # 25 : 1.1438391992573105  
--> Family: # 32

FV at Mutated Child #1 at Generation # 25 : 110.22248399055653  
FV at Mutated Child #2 at Generation # 25 : 491.3521271514218  
--> Family: # 33

FV at Mutated Child #1 at Generation # 25 : 4.947312718994943  
FV at Mutated Child #2 at Generation # 25 : 2.8099370951911404  
--> Family: # 34

FV at Mutated Child #1 at Generation # 25 : 173.9336522949842  
FV at Mutated Child #2 at Generation # 25 : 5.455662242961363  
--> Family: # 35

FV at Mutated Child #1 at Generation # 25 : 411.2188951812081  
FV at Mutated Child #2 at Generation # 25 : 7.214727247739217  
--> Family: # 36

FV at Mutated Child #1 at Generation # 25 : 15.984849700970932  
FV at Mutated Child #2 at Generation # 25 : 16.022431723624948  
--> Family: # 37

FV at Mutated Child #1 at Generation # 25 : 20.808261942892717  
FV at Mutated Child #2 at Generation # 25 : 7.42602206893293  
--> Family: # 38

FV at Mutated Child #1 at Generation # 25 : 26.63082405505157  
FV at Mutated Child #2 at Generation # 25 : 34.512471164550256  
--> Family: # 39

FV at Mutated Child #1 at Generation # 25 : 20.499583568789944  
FV at Mutated Child #2 at Generation # 25 : 39.600837759761426  
--> Family: # 40

FV at Mutated Child #1 at Generation # 25 : 0.9933285965277219  
FV at Mutated Child #2 at Generation # 25 : 28.1317563918414  
--> Family: # 41

FV at Mutated Child #1 at Generation # 25 : 8.402019458845128  
FV at Mutated Child #2 at Generation # 25 : 160.56770150317922

--> Family: # 42

FV at Mutated Child #1 at Generation # 25 : 9.805959726590059

FV at Mutated Child #2 at Generation # 25 : 46.17467740918609

--> Family: # 43

FV at Mutated Child #1 at Generation # 25 : 8.601718819408694

FV at Mutated Child #2 at Generation # 25 : 45.00006098944111

--> Family: # 44

FV at Mutated Child #1 at Generation # 25 : 0.8102001960093459

FV at Mutated Child #2 at Generation # 25 : 175.94761782357668

--> Family: # 45

FV at Mutated Child #1 at Generation # 25 : 6.331134344527187

FV at Mutated Child #2 at Generation # 25 : 19.426014222128106

--> Family: # 46

FV at Mutated Child #1 at Generation # 25 : 11.140228848624893

FV at Mutated Child #2 at Generation # 25 : 607.2972670594282

--> Family: # 47

FV at Mutated Child #1 at Generation # 25 : 4.778918858164254

FV at Mutated Child #2 at Generation # 25 : 5.6968030045781095

--> Family: # 48

FV at Mutated Child #1 at Generation # 25 : 50.56897264451251

FV at Mutated Child #2 at Generation # 25 : 1.0699411742930152

--> Family: # 49

FV at Mutated Child #1 at Generation # 25 : 627.8600244531589

FV at Mutated Child #2 at Generation # 25 : 126.6423407097961

--> Family: # 50

FV at Mutated Child #1 at Generation # 25 : 4.010311264442892

FV at Mutated Child #2 at Generation # 25 : 36.16732238574953

--> Family: # 51

FV at Mutated Child #1 at Generation # 25 : 4.010311264442892

FV at Mutated Child #2 at Generation # 25 : 13.47397572264072

--> Family: # 52

FV at Mutated Child #1 at Generation # 25 : 10.703086311147269

FV at Mutated Child #2 at Generation # 25 : 57.84782147014976

--> Family: # 53

FV at Mutated Child #1 at Generation # 25 : 2.765129397350698

FV at Mutated Child #2 at Generation # 25 : 39.732798952482135

--> Family: # 54

FV at Mutated Child #1 at Generation # 25 : 26.07335087989143

FV at Mutated Child #2 at Generation # 25 : 0.7911540479563157

--> Family: # 55

FV at Mutated Child #1 at Generation # 25 : 6.2328907065243815

FV at Mutated Child #2 at Generation # 25 : 4.090988077442892

--> Family: # 56

FV at Mutated Child #1 at Generation # 25 : 9.626669097633952

FV at Mutated Child #2 at Generation # 25 : 7.2204555603836456

--> Family: # 57

FV at Mutated Child #1 at Generation # 25 : 8.937735438194677  
FV at Mutated Child #2 at Generation # 25 : 2.4139160508769795  
--> Family: # 58

FV at Mutated Child #1 at Generation # 25 : 1.9552854503171466  
FV at Mutated Child #2 at Generation # 25 : 4.623962840280331  
--> Family: # 59

FV at Mutated Child #1 at Generation # 25 : 3.9334836904111543  
FV at Mutated Child #2 at Generation # 25 : 15.590233167667185  
--> Family: # 60

FV at Mutated Child #1 at Generation # 25 : 15.589983438353125  
FV at Mutated Child #2 at Generation # 25 : 34.39636613392198  
--> Family: # 61

FV at Mutated Child #1 at Generation # 25 : 9.900960049463679  
FV at Mutated Child #2 at Generation # 25 : 2.3658666806273754  
--> Family: # 62

FV at Mutated Child #1 at Generation # 25 : 6.525922874437488  
FV at Mutated Child #2 at Generation # 25 : 3.7869508813676065  
--> Family: # 63

FV at Mutated Child #1 at Generation # 25 : 3.549566052683676  
FV at Mutated Child #2 at Generation # 25 : 47.85041042158239  
--> Family: # 64

FV at Mutated Child #1 at Generation # 25 : 17.230404901366786  
FV at Mutated Child #2 at Generation # 25 : 20.876357200251594  
--> Family: # 65

FV at Mutated Child #1 at Generation # 25 : 27.24738430449356  
FV at Mutated Child #2 at Generation # 25 : 11.277164229515902  
--> Family: # 66

FV at Mutated Child #1 at Generation # 25 : 3.5866476770977647  
FV at Mutated Child #2 at Generation # 25 : 20.028951303807137  
--> Family: # 67

FV at Mutated Child #1 at Generation # 25 : 9.945273403953898  
FV at Mutated Child #2 at Generation # 25 : 139.5308014761473  
--> Family: # 68

FV at Mutated Child #1 at Generation # 25 : 84.0772208137633  
FV at Mutated Child #2 at Generation # 25 : 1.205592197604036  
--> Family: # 69

FV at Mutated Child #1 at Generation # 25 : 2.9658338290148842  
FV at Mutated Child #2 at Generation # 25 : 9.158505848115654  
--> Family: # 70

FV at Mutated Child #1 at Generation # 25 : 0.8653813053859557  
FV at Mutated Child #2 at Generation # 25 : 2.958785522303927  
--> Family: # 71

FV at Mutated Child #1 at Generation # 25 : 174.14500351121922  
FV at Mutated Child #2 at Generation # 25 : 4.194827557914786  
--> Family: # 72

FV at Mutated Child #1 at Generation # 25 : 2.3074091459583936  
FV at Mutated Child #2 at Generation # 25 : 590.7118045636981  
--> Family: # 73

FV at Mutated Child #1 at Generation # 25 : 4.384209976254881  
FV at Mutated Child #2 at Generation # 25 : 679.0555923927895  
--> Family: # 74

FV at Mutated Child #1 at Generation # 25 : 41.62229557810401  
FV at Mutated Child #2 at Generation # 25 : 57.9560347954877  
--> Family: # 75

FV at Mutated Child #1 at Generation # 25 : 16.68987969837994  
FV at Mutated Child #2 at Generation # 25 : 7.495147596391438  
--> Family: # 76

FV at Mutated Child #1 at Generation # 25 : 26.597686959146014  
FV at Mutated Child #2 at Generation # 25 : 8.893131195660029  
--> Family: # 77

FV at Mutated Child #1 at Generation # 25 : 11.878703942953276  
FV at Mutated Child #2 at Generation # 25 : 1.0808534598479997  
--> Family: # 78

FV at Mutated Child #1 at Generation # 25 : 168.6669580901757  
FV at Mutated Child #2 at Generation # 25 : 3.2611122951739815  
--> Family: # 79

FV at Mutated Child #1 at Generation # 25 : 593.4878400347476  
FV at Mutated Child #2 at Generation # 25 : 2.952807467842813  
--> Family: # 80

FV at Mutated Child #1 at Generation # 25 : 11.647391147971108  
FV at Mutated Child #2 at Generation # 25 : 40.10736578614634  
--> Generation: # 26  
--> Family: # 1

FV at Mutated Child #1 at Generation # 26 : 8.812355082015323  
FV at Mutated Child #2 at Generation # 26 : 2.595979073710797  
--> Family: # 2

FV at Mutated Child #1 at Generation # 26 : 80.11767029501287  
FV at Mutated Child #2 at Generation # 26 : 140.5380246935332  
--> Family: # 3

FV at Mutated Child #1 at Generation # 26 : 7.42602206893293  
FV at Mutated Child #2 at Generation # 26 : 0.51855940142504  
--> Family: # 4

FV at Mutated Child #1 at Generation # 26 : 461.719648452638  
FV at Mutated Child #2 at Generation # 26 : 1.3632285284866974  
--> Family: # 5

FV at Mutated Child #1 at Generation # 26 : 23.566422167731304  
FV at Mutated Child #2 at Generation # 26 : 7.994409373229841  
--> Family: # 6

FV at Mutated Child #1 at Generation # 26 : 0.5828578996660362  
FV at Mutated Child #2 at Generation # 26 : 0.7031097936416186  
--> Family: # 7

FV at Mutated Child #1 at Generation # 26 : 1.2924325088168518  
FV at Mutated Child #2 at Generation # 26 : 0.55208216215118  
--> Family: # 8

FV at Mutated Child #1 at Generation # 26 : 3.2078006982274414  
FV at Mutated Child #2 at Generation # 26 : 25.22563752491492  
--> Family: # 9

FV at Mutated Child #1 at Generation # 26 : 33.320552731442675  
FV at Mutated Child #2 at Generation # 26 : 609.9131912783168  
--> Family: # 10

FV at Mutated Child #1 at Generation # 26 : 3.4273330171071823  
FV at Mutated Child #2 at Generation # 26 : 29.722490739196193  
--> Family: # 11

FV at Mutated Child #1 at Generation # 26 : 2.796386341622113  
FV at Mutated Child #2 at Generation # 26 : 0.883846422773898  
--> Family: # 12

FV at Mutated Child #1 at Generation # 26 : 120.06625438153532  
FV at Mutated Child #2 at Generation # 26 : 123.76594115690165  
--> Family: # 13

FV at Mutated Child #1 at Generation # 26 : 5.229420411896684  
FV at Mutated Child #2 at Generation # 26 : 5.229420411896684  
--> Family: # 14

FV at Mutated Child #1 at Generation # 26 : 5.966592526139418  
FV at Mutated Child #2 at Generation # 26 : 0.746244757120598  
--> Family: # 15

FV at Mutated Child #1 at Generation # 26 : 34.23680627812101  
FV at Mutated Child #2 at Generation # 26 : 558.0321799789452  
--> Family: # 16

FV at Mutated Child #1 at Generation # 26 : 3.0668963123298734  
FV at Mutated Child #2 at Generation # 26 : 121.88504956240364  
--> Family: # 17

FV at Mutated Child #1 at Generation # 26 : 33.70644544464015  
FV at Mutated Child #2 at Generation # 26 : 2.064252970244006  
--> Family: # 18

FV at Mutated Child #1 at Generation # 26 : 3.9304165726772413  
FV at Mutated Child #2 at Generation # 26 : 24.03104192826535  
--> Family: # 19

FV at Mutated Child #1 at Generation # 26 : 23.138539730562986  
FV at Mutated Child #2 at Generation # 26 : 2.257364235949481  
--> Family: # 20

FV at Mutated Child #1 at Generation # 26 : 65.7597437306135  
FV at Mutated Child #2 at Generation # 26 : 2.2617231954073267  
--> Family: # 21

FV at Mutated Child #1 at Generation # 26 : 0.7058970904490156  
FV at Mutated Child #2 at Generation # 26 : 10.293575295728981  
--> Family: # 22

FV at Mutated Child #1 at Generation # 26 : 3.2482756820907883

FV at Mutated Child #2 at Generation # 26 : 5.007214202509856  
--> Family: # 23

FV at Mutated Child #1 at Generation # 26 : 0.27154939619124246  
FV at Mutated Child #2 at Generation # 26 : 4.337133364581613  
--> Family: # 24

FV at Mutated Child #1 at Generation # 26 : 1.526992853057099  
FV at Mutated Child #2 at Generation # 26 : 36.94499245653863  
--> Family: # 25

FV at Mutated Child #1 at Generation # 26 : 0.6890320888214049  
FV at Mutated Child #2 at Generation # 26 : 12.912932780323537  
--> Family: # 26

FV at Mutated Child #1 at Generation # 26 : 596.1305547492984  
FV at Mutated Child #2 at Generation # 26 : 137.95067752544423  
--> Family: # 27

FV at Mutated Child #1 at Generation # 26 : 1.5759875922838376  
FV at Mutated Child #2 at Generation # 26 : 136.50766696708556  
--> Family: # 28

FV at Mutated Child #1 at Generation # 26 : 2226.279971439562  
FV at Mutated Child #2 at Generation # 26 : 1.1197992912224604  
--> Family: # 29

FV at Mutated Child #1 at Generation # 26 : 143.75869860055712  
FV at Mutated Child #2 at Generation # 26 : 133.3400014284695  
--> Family: # 30

FV at Mutated Child #1 at Generation # 26 : 489.38031440801996  
FV at Mutated Child #2 at Generation # 26 : 8.555341344814648  
--> Family: # 31

FV at Mutated Child #1 at Generation # 26 : 1.1900367654239683  
FV at Mutated Child #2 at Generation # 26 : 0.6806900548506302  
--> Family: # 32

FV at Mutated Child #1 at Generation # 26 : 12.145254413688486  
FV at Mutated Child #2 at Generation # 26 : 0.6834170680484983  
--> Family: # 33

FV at Mutated Child #1 at Generation # 26 : 1.4543839499171984  
FV at Mutated Child #2 at Generation # 26 : 137.95067752544423  
--> Family: # 34

FV at Mutated Child #1 at Generation # 26 : 16.833996443855423  
FV at Mutated Child #2 at Generation # 26 : 2145.317554335653  
--> Family: # 35

FV at Mutated Child #1 at Generation # 26 : 9.00702410137361  
FV at Mutated Child #2 at Generation # 26 : 38.6210337921527  
--> Family: # 36

FV at Mutated Child #1 at Generation # 26 : 0.7095553717530576  
FV at Mutated Child #2 at Generation # 26 : 90.73431999215481  
--> Family: # 37

FV at Mutated Child #1 at Generation # 26 : 2294.8794474971346  
FV at Mutated Child #2 at Generation # 26 : 544.057926383878



--> Family: # 38

FV at Mutated Child #1 at Generation # 26 : 0.883846422773898  
FV at Mutated Child #2 at Generation # 26 : 1.5792754689277653

--> Family: # 39

FV at Mutated Child #1 at Generation # 26 : 0.6778311140810477  
FV at Mutated Child #2 at Generation # 26 : 1.421923634406363

--> Family: # 40

FV at Mutated Child #1 at Generation # 26 : 137.27818496520848  
FV at Mutated Child #2 at Generation # 26 : 82.11733878744005

--> Family: # 41

FV at Mutated Child #1 at Generation # 26 : 32.89224189912682  
FV at Mutated Child #2 at Generation # 26 : 24.69886834761766

--> Family: # 42

FV at Mutated Child #1 at Generation # 26 : 114.70332059977976  
FV at Mutated Child #2 at Generation # 26 : 2.008934369142552

--> Family: # 43

FV at Mutated Child #1 at Generation # 26 : 0.8223146247243307  
FV at Mutated Child #2 at Generation # 26 : 22.069495235891793

--> Family: # 44

FV at Mutated Child #1 at Generation # 26 : 5.686106285721597  
FV at Mutated Child #2 at Generation # 26 : 21.46776988377414

--> Family: # 45

FV at Mutated Child #1 at Generation # 26 : 2.726769913547325  
FV at Mutated Child #2 at Generation # 26 : 107.28500385249396

--> Family: # 46

FV at Mutated Child #1 at Generation # 26 : 0.7028521154388659  
FV at Mutated Child #2 at Generation # 26 : 22.738203360724068

--> Family: # 47

FV at Mutated Child #1 at Generation # 26 : 16.108279164253865  
FV at Mutated Child #2 at Generation # 26 : 0.7557663735969495

--> Family: # 48

FV at Mutated Child #1 at Generation # 26 : 10.415784027470812  
FV at Mutated Child #2 at Generation # 26 : 9.615769551924345

--> Family: # 49

FV at Mutated Child #1 at Generation # 26 : 4.137704800658734  
FV at Mutated Child #2 at Generation # 26 : 0.7533549561039173

--> Family: # 50

FV at Mutated Child #1 at Generation # 26 : 21.697769624916283  
FV at Mutated Child #2 at Generation # 26 : 4.598104842027874

--> Family: # 51

FV at Mutated Child #1 at Generation # 26 : 0.7595579550359332  
FV at Mutated Child #2 at Generation # 26 : 10.258451865642089

--> Family: # 52

FV at Mutated Child #1 at Generation # 26 : 6.966063021495704  
FV at Mutated Child #2 at Generation # 26 : 9.431627795628183

--> Family: # 53

FV at Mutated Child #1 at Generation # 26 : 7.632552531854131  
FV at Mutated Child #2 at Generation # 26 : 527.3551631176454  
--> Family: # 54

FV at Mutated Child #1 at Generation # 26 : 0.6313940195185124  
FV at Mutated Child #2 at Generation # 26 : 0.8958074228101836  
--> Family: # 55

FV at Mutated Child #1 at Generation # 26 : 19.923004930836324  
FV at Mutated Child #2 at Generation # 26 : 1.7990022246755917  
--> Family: # 56

FV at Mutated Child #1 at Generation # 26 : 4.7827927163964015  
FV at Mutated Child #2 at Generation # 26 : 0.30049255814934683  
--> Family: # 57

FV at Mutated Child #1 at Generation # 26 : 99.05712960867251  
FV at Mutated Child #2 at Generation # 26 : 540.3180066705992  
--> Family: # 58

FV at Mutated Child #1 at Generation # 26 : 23.160236261381794  
FV at Mutated Child #2 at Generation # 26 : 1.5692880197337105  
--> Family: # 59

FV at Mutated Child #1 at Generation # 26 : 547.3510034443118  
FV at Mutated Child #2 at Generation # 26 : 2.305039581386701  
--> Family: # 60

FV at Mutated Child #1 at Generation # 26 : 39.15735702670705  
FV at Mutated Child #2 at Generation # 26 : 4.087171784494257  
--> Family: # 61

FV at Mutated Child #1 at Generation # 26 : 28.977952103455458  
FV at Mutated Child #2 at Generation # 26 : 2406.0897691102987  
--> Family: # 62

FV at Mutated Child #1 at Generation # 26 : 106.16775945553604  
FV at Mutated Child #2 at Generation # 26 : 0.5124902822378308  
--> Family: # 63

FV at Mutated Child #1 at Generation # 26 : 10.18908504113588  
FV at Mutated Child #2 at Generation # 26 : 346.32006990712466  
--> Family: # 64

FV at Mutated Child #1 at Generation # 26 : 2.279098375379603  
FV at Mutated Child #2 at Generation # 26 : 1.944127987230623  
--> Family: # 65

FV at Mutated Child #1 at Generation # 26 : 2.4381067207733973  
FV at Mutated Child #2 at Generation # 26 : 2.1940152381438986  
--> Family: # 66

FV at Mutated Child #1 at Generation # 26 : 0.8723799238832174  
FV at Mutated Child #2 at Generation # 26 : 13.50336778779401  
--> Family: # 67

FV at Mutated Child #1 at Generation # 26 : 0.9735690729166235  
FV at Mutated Child #2 at Generation # 26 : 3.072253009699164  
--> Family: # 68

FV at Mutated Child #1 at Generation # 26 : 31.38220669366674  
FV at Mutated Child #2 at Generation # 26 : 117.53005069422089  
--> Family: # 69

FV at Mutated Child #1 at Generation # 26 : 0.8102001960093459  
FV at Mutated Child #2 at Generation # 26 : 83.7876769248404  
--> Family: # 70

FV at Mutated Child #1 at Generation # 26 : 6.545551091813242  
FV at Mutated Child #2 at Generation # 26 : 1.7663182495507497  
--> Family: # 71

FV at Mutated Child #1 at Generation # 26 : 567.1334072405692  
FV at Mutated Child #2 at Generation # 26 : 602.4957750454396  
--> Family: # 72

FV at Mutated Child #1 at Generation # 26 : 6.913497437226529  
FV at Mutated Child #2 at Generation # 26 : 1.516148887562414  
--> Family: # 73

FV at Mutated Child #1 at Generation # 26 : 134.83281038120046  
FV at Mutated Child #2 at Generation # 26 : 0.8321445986664916  
--> Family: # 74

FV at Mutated Child #1 at Generation # 26 : 5.240873383566677  
FV at Mutated Child #2 at Generation # 26 : 2.0919036614164064  
--> Family: # 75

FV at Mutated Child #1 at Generation # 26 : 1.7428743083345064  
FV at Mutated Child #2 at Generation # 26 : 0.7654741750862769  
--> Family: # 76

FV at Mutated Child #1 at Generation # 26 : 2337.289318554347  
FV at Mutated Child #2 at Generation # 26 : 1.7982449686468567  
--> Family: # 77

FV at Mutated Child #1 at Generation # 26 : 1.8098482409928116  
FV at Mutated Child #2 at Generation # 26 : 2.724420466810261  
--> Family: # 78

FV at Mutated Child #1 at Generation # 26 : 4.498382686006943  
FV at Mutated Child #2 at Generation # 26 : 8.768983070607696  
--> Family: # 79

FV at Mutated Child #1 at Generation # 26 : 31.994368808981736  
FV at Mutated Child #2 at Generation # 26 : 9.776856296706189  
--> Family: # 80

FV at Mutated Child #1 at Generation # 26 : 81.17833013843604  
FV at Mutated Child #2 at Generation # 26 : 1.632490475432665  
--> Generation: # 27  
--> Family: # 1

FV at Mutated Child #1 at Generation # 27 : 25.857790892503775  
FV at Mutated Child #2 at Generation # 27 : 2.3642249587037707  
--> Family: # 2

FV at Mutated Child #1 at Generation # 27 : 600.9692392573049  
FV at Mutated Child #2 at Generation # 27 : 533.15058021172  
--> Family: # 3

FV at Mutated Child #1 at Generation # 27 : 131.38813897713314  
FV at Mutated Child #2 at Generation # 27 : 1.9654519732572542  
--> Family: # 4

FV at Mutated Child #1 at Generation # 27 : 2455.4211890043075  
FV at Mutated Child #2 at Generation # 27 : 605.5926696118893  
--> Family: # 5

FV at Mutated Child #1 at Generation # 27 : 11.280027122935495  
FV at Mutated Child #2 at Generation # 27 : 9.931187894885081  
--> Family: # 6

FV at Mutated Child #1 at Generation # 27 : 648.8540181753216  
FV at Mutated Child #2 at Generation # 27 : 0.6959268529890142  
--> Family: # 7

FV at Mutated Child #1 at Generation # 27 : 1.7650326041635744  
FV at Mutated Child #2 at Generation # 27 : 4.048214295690719  
--> Family: # 8

FV at Mutated Child #1 at Generation # 27 : 11.013509449977997  
FV at Mutated Child #2 at Generation # 27 : 1.870020449711453  
--> Family: # 9

FV at Mutated Child #1 at Generation # 27 : 150.71294858675938  
FV at Mutated Child #2 at Generation # 27 : 13.933049825940799  
--> Family: # 10

FV at Mutated Child #1 at Generation # 27 : 573.8445456231561  
FV at Mutated Child #2 at Generation # 27 : 1.1429453625334092  
--> Family: # 11

FV at Mutated Child #1 at Generation # 27 : 1.7077476780323426  
FV at Mutated Child #2 at Generation # 27 : 11.599133467843556  
--> Family: # 12

FV at Mutated Child #1 at Generation # 27 : 611.7092721630518  
FV at Mutated Child #2 at Generation # 27 : 4.281200382886996  
--> Family: # 13

FV at Mutated Child #1 at Generation # 27 : 2594.3591148664664  
FV at Mutated Child #2 at Generation # 27 : 104.82434437907574  
--> Family: # 14

FV at Mutated Child #1 at Generation # 27 : 26.149104608023883  
FV at Mutated Child #2 at Generation # 27 : 187.1104262451253  
--> Family: # 15

FV at Mutated Child #1 at Generation # 27 : 1.896900215859689  
FV at Mutated Child #2 at Generation # 27 : 2.3752979099316756  
--> Family: # 16

FV at Mutated Child #1 at Generation # 27 : 35.989665567295674  
FV at Mutated Child #2 at Generation # 27 : 47.35944084483942  
--> Family: # 17

FV at Mutated Child #1 at Generation # 27 : 41.57185038980069  
FV at Mutated Child #2 at Generation # 27 : 624.5571962412357  
--> Family: # 18

FV at Mutated Child #1 at Generation # 27 : 21.13019504985204

FV at Mutated Child #2 at Generation # 27 : 40.62036579906437  
--> Family: # 19

FV at Mutated Child #1 at Generation # 27 : 8.61359119926878  
FV at Mutated Child #2 at Generation # 27 : 20.300442039663416  
--> Family: # 20

FV at Mutated Child #1 at Generation # 27 : 37.98769780300906  
FV at Mutated Child #2 at Generation # 27 : 14.248672783776586  
--> Family: # 21

FV at Mutated Child #1 at Generation # 27 : 139.47024828468093  
FV at Mutated Child #2 at Generation # 27 : 153.04284037365224  
--> Family: # 22

FV at Mutated Child #1 at Generation # 27 : 8.17058194987817  
FV at Mutated Child #2 at Generation # 27 : 25.657929233489288  
--> Family: # 23

FV at Mutated Child #1 at Generation # 27 : 6.528894339847655  
FV at Mutated Child #2 at Generation # 27 : 1.760770862445869  
--> Family: # 24

FV at Mutated Child #1 at Generation # 27 : 396.73555025451446  
FV at Mutated Child #2 at Generation # 27 : 567.9036540586692  
--> Family: # 25

FV at Mutated Child #1 at Generation # 27 : 3.7291477216776743  
FV at Mutated Child #2 at Generation # 27 : 0.8903067310049084  
--> Family: # 26

FV at Mutated Child #1 at Generation # 27 : 135.4831516414054  
FV at Mutated Child #2 at Generation # 27 : 21.418273961428707  
--> Family: # 27

FV at Mutated Child #1 at Generation # 27 : 3.31150757581055  
FV at Mutated Child #2 at Generation # 27 : 171.58446500574055  
--> Family: # 28

FV at Mutated Child #1 at Generation # 27 : 8.13635713401793  
FV at Mutated Child #2 at Generation # 27 : 54.75080536311858  
--> Family: # 29

FV at Mutated Child #1 at Generation # 27 : 34.216927483595754  
FV at Mutated Child #2 at Generation # 27 : 127.55961348543327  
--> Family: # 30

FV at Mutated Child #1 at Generation # 27 : 1.7880190102721207  
FV at Mutated Child #2 at Generation # 27 : 94.24177350544005  
--> Family: # 31

FV at Mutated Child #1 at Generation # 27 : 3.5020657084963465  
FV at Mutated Child #2 at Generation # 27 : 19.758368847419277  
--> Family: # 32

FV at Mutated Child #1 at Generation # 27 : 4.783343624846298  
FV at Mutated Child #2 at Generation # 27 : 0.727840154900857  
--> Family: # 33

FV at Mutated Child #1 at Generation # 27 : 43.34059149855309  
FV at Mutated Child #2 at Generation # 27 : 580.4911588688012

--> Family: # 34

FV at Mutated Child #1 at Generation # 27 : 3.8866613659441196

FV at Mutated Child #2 at Generation # 27 : 129.77645352963503

--> Family: # 35

FV at Mutated Child #1 at Generation # 27 : 601.2150363138672

FV at Mutated Child #2 at Generation # 27 : 1.5266512974022657

--> Family: # 36

FV at Mutated Child #1 at Generation # 27 : 4.6875425813481275

FV at Mutated Child #2 at Generation # 27 : 152.91694918004242

--> Family: # 37

FV at Mutated Child #1 at Generation # 27 : 24.840810792189732

FV at Mutated Child #2 at Generation # 27 : 18.115931763777567

--> Family: # 38

FV at Mutated Child #1 at Generation # 27 : 9.874525273505958

FV at Mutated Child #2 at Generation # 27 : 0.7933333706084548

--> Family: # 39

FV at Mutated Child #1 at Generation # 27 : 2.9286723653950544

FV at Mutated Child #2 at Generation # 27 : 0.8907509094064434

--> Family: # 40

FV at Mutated Child #1 at Generation # 27 : 2285.8655257580135

FV at Mutated Child #2 at Generation # 27 : 5.631892878933945

--> Family: # 41

FV at Mutated Child #1 at Generation # 27 : 152.813791005593

FV at Mutated Child #2 at Generation # 27 : 7.40338655094113

--> Family: # 42

FV at Mutated Child #1 at Generation # 27 : 5.075310072408535

FV at Mutated Child #2 at Generation # 27 : 10.934930584611221

--> Family: # 43

FV at Mutated Child #1 at Generation # 27 : 1.3572228361775132

FV at Mutated Child #2 at Generation # 27 : 13.195624477792462

--> Family: # 44

FV at Mutated Child #1 at Generation # 27 : 1.5498281332200787

FV at Mutated Child #2 at Generation # 27 : 10.454840055034165

--> Family: # 45

FV at Mutated Child #1 at Generation # 27 : 4.973599761979639

FV at Mutated Child #2 at Generation # 27 : 1.5102773222872368

--> Family: # 46

FV at Mutated Child #1 at Generation # 27 : 110.55393257110758

FV at Mutated Child #2 at Generation # 27 : 1.0562591970436601

--> Family: # 47

FV at Mutated Child #1 at Generation # 27 : 4.867401535631369

FV at Mutated Child #2 at Generation # 27 : 1.8748738233996685

--> Family: # 48

FV at Mutated Child #1 at Generation # 27 : 161.60421883269112

FV at Mutated Child #2 at Generation # 27 : 6.725549416482633

--> Family: # 49

FV at Mutated Child #1 at Generation # 27 : 5.5402865101778165  
FV at Mutated Child #2 at Generation # 27 : 37.359243404688925  
--> Family: # 50

FV at Mutated Child #1 at Generation # 27 : 624.1821434699733  
FV at Mutated Child #2 at Generation # 27 : 35.08893679994712  
--> Family: # 51

FV at Mutated Child #1 at Generation # 27 : 27.93761681833793  
FV at Mutated Child #2 at Generation # 27 : 11.139613667032425  
--> Family: # 52

FV at Mutated Child #1 at Generation # 27 : 18.008542342539393  
FV at Mutated Child #2 at Generation # 27 : 571.8361398287326  
--> Family: # 53

FV at Mutated Child #1 at Generation # 27 : 3.206175955126914  
FV at Mutated Child #2 at Generation # 27 : 1.2737080148828446  
--> Family: # 54

FV at Mutated Child #1 at Generation # 27 : 25.65070446832155  
FV at Mutated Child #2 at Generation # 27 : 0.7933333706084548  
--> Family: # 55

FV at Mutated Child #1 at Generation # 27 : 11.473829729160848  
FV at Mutated Child #2 at Generation # 27 : 28.80474222851342  
--> Family: # 56

FV at Mutated Child #1 at Generation # 27 : 1.2117725398562773  
FV at Mutated Child #2 at Generation # 27 : 138.58237398594304  
--> Family: # 57

FV at Mutated Child #1 at Generation # 27 : 7.915338386407032  
FV at Mutated Child #2 at Generation # 27 : 2.464950817202385  
--> Family: # 58

FV at Mutated Child #1 at Generation # 27 : 6.804295986408366  
FV at Mutated Child #2 at Generation # 27 : 16.856647240205433  
--> Family: # 59

FV at Mutated Child #1 at Generation # 27 : 0.9871035165749795  
FV at Mutated Child #2 at Generation # 27 : 28.838116141527703  
--> Family: # 60

FV at Mutated Child #1 at Generation # 27 : 2.159013043850609  
FV at Mutated Child #2 at Generation # 27 : 1.5498281332200787  
--> Family: # 61

FV at Mutated Child #1 at Generation # 27 : 36.512519874187745  
FV at Mutated Child #2 at Generation # 27 : 3.508399017364496  
--> Family: # 62

FV at Mutated Child #1 at Generation # 27 : 147.15888722770498  
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FV at Mutated Child #1 at Generation # 27 : 16.860429797021272  
FV at Mutated Child #2 at Generation # 27 : 18.591723985035344  
--> Family: # 64

FV at Mutated Child #1 at Generation # 27 : 2.022747545070139  
FV at Mutated Child #2 at Generation # 27 : 4.759956882733305  
--> Family: # 65

FV at Mutated Child #1 at Generation # 27 : 154.62505328483135  
FV at Mutated Child #2 at Generation # 27 : 3.8639841109898185  
--> Family: # 66

FV at Mutated Child #1 at Generation # 27 : 7.4035207586367155  
FV at Mutated Child #2 at Generation # 27 : 27.89507812931781  
--> Family: # 67

FV at Mutated Child #1 at Generation # 27 : 31.64471205511258  
FV at Mutated Child #2 at Generation # 27 : 157.27577407836569  
--> Family: # 68

FV at Mutated Child #1 at Generation # 27 : 26.88568914288886  
FV at Mutated Child #2 at Generation # 27 : 4.534494492804845  
--> Family: # 69

FV at Mutated Child #1 at Generation # 27 : 2.702911621237099  
FV at Mutated Child #2 at Generation # 27 : 10.259197568954184  
--> Family: # 70

FV at Mutated Child #1 at Generation # 27 : 1.2427592285473283  
FV at Mutated Child #2 at Generation # 27 : 35.718560301039936  
--> Family: # 71

FV at Mutated Child #1 at Generation # 27 : 5.04510472016459  
FV at Mutated Child #2 at Generation # 27 : 48.253495982866625  
--> Family: # 72

FV at Mutated Child #1 at Generation # 27 : 5.5508948332438655  
FV at Mutated Child #2 at Generation # 27 : 1.9045293358998054  
--> Family: # 73

FV at Mutated Child #1 at Generation # 27 : 47.23935829989839  
FV at Mutated Child #2 at Generation # 27 : 35.989665567295674  
--> Family: # 74

FV at Mutated Child #1 at Generation # 27 : 594.0566424887669  
FV at Mutated Child #2 at Generation # 27 : 161.77480261321668  
--> Family: # 75

FV at Mutated Child #1 at Generation # 27 : 1.3674750970161176  
FV at Mutated Child #2 at Generation # 27 : 0.7984172680130682  
--> Family: # 76

FV at Mutated Child #1 at Generation # 27 : 26.05898562216213  
FV at Mutated Child #2 at Generation # 27 : 3.0306527103076903  
--> Family: # 77

FV at Mutated Child #1 at Generation # 27 : 11.582522354612541  
FV at Mutated Child #2 at Generation # 27 : 36.26874657988426  
--> Family: # 78

FV at Mutated Child #1 at Generation # 27 : 0.7911540479563157  
FV at Mutated Child #2 at Generation # 27 : 119.84911735442535  
--> Family: # 79

FV at Mutated Child #1 at Generation # 27 : 20.017144175857894



FV at Mutated Child #2 at Generation # 27 : 1.546736785913152  
--> Family: # 80

FV at Mutated Child #1 at Generation # 27 : 7.471216697338108  
FV at Mutated Child #2 at Generation # 27 : 40.62638010878551  
--> Generation: # 28  
--> Family: # 1

FV at Mutated Child #1 at Generation # 28 : 1.0576251683474687  
FV at Mutated Child #2 at Generation # 28 : 12.048710833987224  
--> Family: # 2

FV at Mutated Child #1 at Generation # 28 : 27.080877710028357  
FV at Mutated Child #2 at Generation # 28 : 59.91668164902945  
--> Family: # 3

FV at Mutated Child #1 at Generation # 28 : 512.7159798661031  
FV at Mutated Child #2 at Generation # 28 : 87.91588895623114  
--> Family: # 4

FV at Mutated Child #1 at Generation # 28 : 599.0864009732886  
FV at Mutated Child #2 at Generation # 28 : 141.67840910696216  
--> Family: # 5

FV at Mutated Child #1 at Generation # 28 : 0.4992767225160214  
FV at Mutated Child #2 at Generation # 28 : 4.703185664316801  
--> Family: # 6

FV at Mutated Child #1 at Generation # 28 : 0.8270987710936804  
FV at Mutated Child #2 at Generation # 28 : 131.0113235101924  
--> Family: # 7

FV at Mutated Child #1 at Generation # 28 : 1.188434769729612  
FV at Mutated Child #2 at Generation # 28 : 24.459532963849806  
--> Family: # 8

FV at Mutated Child #1 at Generation # 28 : 30.384856240956314  
FV at Mutated Child #2 at Generation # 28 : 115.07998239501819  
--> Family: # 9

FV at Mutated Child #1 at Generation # 28 : 2388.182746812406  
FV at Mutated Child #2 at Generation # 28 : 2470.5730590920457  
--> Family: # 10

FV at Mutated Child #1 at Generation # 28 : 90.38182317443815  
FV at Mutated Child #2 at Generation # 28 : 86.68428012279071  
--> Family: # 11

FV at Mutated Child #1 at Generation # 28 : 33.88166409226139  
FV at Mutated Child #2 at Generation # 28 : 26.141121186187142  
--> Family: # 12

FV at Mutated Child #1 at Generation # 28 : 0.6882218871209689  
FV at Mutated Child #2 at Generation # 28 : 5.013627241980548  
--> Family: # 13

FV at Mutated Child #1 at Generation # 28 : 94.63639478625632  
FV at Mutated Child #2 at Generation # 28 : 6.51644188025522  
--> Family: # 14

FV at Mutated Child #1 at Generation # 28 : 4.321428885929643

FV at Mutated Child #2 at Generation # 28 : 35.71089921511931  
--> Family: # 15

FV at Mutated Child #1 at Generation # 28 : 113.7050119516397  
FV at Mutated Child #2 at Generation # 28 : 602.5494613524319  
--> Family: # 16

FV at Mutated Child #1 at Generation # 28 : 9.662211709186867  
FV at Mutated Child #2 at Generation # 28 : 14.954490195079282  
--> Family: # 17

FV at Mutated Child #1 at Generation # 28 : 33.449472443840975  
FV at Mutated Child #2 at Generation # 28 : 3.5656575113219233  
--> Family: # 18

FV at Mutated Child #1 at Generation # 28 : 551.3175437119336  
FV at Mutated Child #2 at Generation # 28 : 15.087639445892098  
--> Family: # 19

FV at Mutated Child #1 at Generation # 28 : 7.050941461736703  
FV at Mutated Child #2 at Generation # 28 : 1.9981535096506668  
--> Family: # 20

FV at Mutated Child #1 at Generation # 28 : 6.763165876922544  
FV at Mutated Child #2 at Generation # 28 : 4.725857976115287  
--> Family: # 21

FV at Mutated Child #1 at Generation # 28 : 23.76303833567492  
FV at Mutated Child #2 at Generation # 28 : 1.3417948000729298  
--> Family: # 22

FV at Mutated Child #1 at Generation # 28 : 2411.860461356965  
FV at Mutated Child #2 at Generation # 28 : 8.487005248597082  
--> Family: # 23

FV at Mutated Child #1 at Generation # 28 : 381.6009558852885  
FV at Mutated Child #2 at Generation # 28 : 355.62258951013104  
--> Family: # 24

FV at Mutated Child #1 at Generation # 28 : 27.455622372834405  
FV at Mutated Child #2 at Generation # 28 : 2.257364235949481  
--> Family: # 25

FV at Mutated Child #1 at Generation # 28 : 4.857539318073576  
FV at Mutated Child #2 at Generation # 28 : 1.533682670255931  
--> Family: # 26

FV at Mutated Child #1 at Generation # 28 : 30.026556213788506  
FV at Mutated Child #2 at Generation # 28 : 32.279803015429565  
--> Family: # 27

FV at Mutated Child #1 at Generation # 28 : 0.9349016713930087  
FV at Mutated Child #2 at Generation # 28 : 5.006053001137926  
--> Family: # 28

FV at Mutated Child #1 at Generation # 28 : 2.1940152381438986  
FV at Mutated Child #2 at Generation # 28 : 1.9492496883081158  
--> Family: # 29

FV at Mutated Child #1 at Generation # 28 : 34.55371011073264  
FV at Mutated Child #2 at Generation # 28 : 1.8262568038395322

--> Family: # 30

FV at Mutated Child #1 at Generation # 28 : 31.045225386932156

FV at Mutated Child #2 at Generation # 28 : 412.2765108950391

--> Family: # 31

FV at Mutated Child #1 at Generation # 28 : 69.08014608084557

FV at Mutated Child #2 at Generation # 28 : 622.1359000365152

--> Family: # 32

FV at Mutated Child #1 at Generation # 28 : 1.2316532002098965

FV at Mutated Child #2 at Generation # 28 : 26.902586718576856

--> Family: # 33

FV at Mutated Child #1 at Generation # 28 : 26.060100408743832

FV at Mutated Child #2 at Generation # 28 : 2.775803885665333

--> Family: # 34

FV at Mutated Child #1 at Generation # 28 : 2.2188707636753566

FV at Mutated Child #2 at Generation # 28 : 18.085926015595657

--> Family: # 35

FV at Mutated Child #1 at Generation # 28 : 473.6732273440788

FV at Mutated Child #2 at Generation # 28 : 18.160423932210612

--> Family: # 36

FV at Mutated Child #1 at Generation # 28 : 28.477077511268003

FV at Mutated Child #2 at Generation # 28 : 2.7125070598740164

--> Family: # 37

FV at Mutated Child #1 at Generation # 28 : 1608.5094275723711

FV at Mutated Child #2 at Generation # 28 : 1521.1464262133475

--> Family: # 38

FV at Mutated Child #1 at Generation # 28 : 1.963386542969522

FV at Mutated Child #2 at Generation # 28 : 0.9065620447662646

--> Family: # 39

FV at Mutated Child #1 at Generation # 28 : 0.7418229855638978

FV at Mutated Child #2 at Generation # 28 : 67.31278091573076

--> Family: # 40

FV at Mutated Child #1 at Generation # 28 : 1.5865245444560234

FV at Mutated Child #2 at Generation # 28 : 585.4541409754867

--> Family: # 41

FV at Mutated Child #1 at Generation # 28 : 13.472949626456652

FV at Mutated Child #2 at Generation # 28 : 5.557433522366015

--> Family: # 42

FV at Mutated Child #1 at Generation # 28 : 36.407638288329004

FV at Mutated Child #2 at Generation # 28 : 26.179053973954215

--> Family: # 43

FV at Mutated Child #1 at Generation # 28 : 0.6305254414849472

FV at Mutated Child #2 at Generation # 28 : 3.275254188181256

--> Family: # 44

FV at Mutated Child #1 at Generation # 28 : 0.9885081262507869

FV at Mutated Child #2 at Generation # 28 : 1.4406060069955506

--> Family: # 45

FV at Mutated Child #1 at Generation # 28 : 1.0767076634338613  
FV at Mutated Child #2 at Generation # 28 : 134.6395110904847  
--> Family: # 46

FV at Mutated Child #1 at Generation # 28 : 8.512192241068096  
FV at Mutated Child #2 at Generation # 28 : 1.0896541978402206  
--> Family: # 47

FV at Mutated Child #1 at Generation # 28 : 0.6251383152148681  
FV at Mutated Child #2 at Generation # 28 : 7.163603751383555  
--> Family: # 48

FV at Mutated Child #1 at Generation # 28 : 1.498127074474716  
FV at Mutated Child #2 at Generation # 28 : 0.7701651823814277  
--> Family: # 49

FV at Mutated Child #1 at Generation # 28 : 0.9026149086503831  
FV at Mutated Child #2 at Generation # 28 : 5.767459469024815  
--> Family: # 50

FV at Mutated Child #1 at Generation # 28 : 26.35416700867865  
FV at Mutated Child #2 at Generation # 28 : 1.2700035981224236  
--> Family: # 51

FV at Mutated Child #1 at Generation # 28 : 0.8354380158025893  
FV at Mutated Child #2 at Generation # 28 : 35.26796163905438  
--> Family: # 52

FV at Mutated Child #1 at Generation # 28 : 7.7095482928773835  
FV at Mutated Child #2 at Generation # 28 : 0.6935927610161832  
--> Family: # 53

FV at Mutated Child #1 at Generation # 28 : 4.485911530790178  
FV at Mutated Child #2 at Generation # 28 : 2.63701030222205  
--> Family: # 54

FV at Mutated Child #1 at Generation # 28 : 1.2872860252337643  
FV at Mutated Child #2 at Generation # 28 : 12.396794719543387  
--> Family: # 55

FV at Mutated Child #1 at Generation # 28 : 141.0485846908372  
FV at Mutated Child #2 at Generation # 28 : 1.502853221811277  
--> Family: # 56

FV at Mutated Child #1 at Generation # 28 : 137.10480046231015  
FV at Mutated Child #2 at Generation # 28 : 15.96559427302118  
--> Family: # 57

FV at Mutated Child #1 at Generation # 28 : 5.557433522366015  
FV at Mutated Child #2 at Generation # 28 : 0.701324590937346  
--> Family: # 58

FV at Mutated Child #1 at Generation # 28 : 0.6822826950581372  
FV at Mutated Child #2 at Generation # 28 : 1.3632285284866974  
--> Family: # 59

FV at Mutated Child #1 at Generation # 28 : 0.8223146247243307  
FV at Mutated Child #2 at Generation # 28 : 6.231053986867396  
--> Family: # 60

FV at Mutated Child #1 at Generation # 28 : 81.50142408447387  
FV at Mutated Child #2 at Generation # 28 : 116.9678174567078  
--> Family: # 61

FV at Mutated Child #1 at Generation # 28 : 9.999856143993043  
FV at Mutated Child #2 at Generation # 28 : 2.775803885665333  
--> Family: # 62

FV at Mutated Child #1 at Generation # 28 : 18.87273238931393  
FV at Mutated Child #2 at Generation # 28 : 2382.7493568654536  
--> Family: # 63

FV at Mutated Child #1 at Generation # 28 : 1.7532973788301969  
FV at Mutated Child #2 at Generation # 28 : 30.422749574547566  
--> Family: # 64

FV at Mutated Child #1 at Generation # 28 : 400.4426183928641  
FV at Mutated Child #2 at Generation # 28 : 0.8036481237651418  
--> Family: # 65

FV at Mutated Child #1 at Generation # 28 : 35.77120868412609  
FV at Mutated Child #2 at Generation # 28 : 0.6368156788357998  
--> Family: # 66

FV at Mutated Child #1 at Generation # 28 : 0.7125862460962187  
FV at Mutated Child #2 at Generation # 28 : 28.977952103455458  
--> Family: # 67

FV at Mutated Child #1 at Generation # 28 : 13.07486228309949  
FV at Mutated Child #2 at Generation # 28 : 5.971808647720627  
--> Family: # 68

FV at Mutated Child #1 at Generation # 28 : 35.855547886512056  
FV at Mutated Child #2 at Generation # 28 : 1.3380690834268223  
--> Family: # 69

FV at Mutated Child #1 at Generation # 28 : 568.082312900964  
FV at Mutated Child #2 at Generation # 28 : 131.39879988190296  
--> Family: # 70

FV at Mutated Child #1 at Generation # 28 : 144.90392725310178  
FV at Mutated Child #2 at Generation # 28 : 28.342543515129147  
--> Family: # 71

FV at Mutated Child #1 at Generation # 28 : 0.8097012057069883  
FV at Mutated Child #2 at Generation # 28 : 2302.4716729269862  
--> Family: # 72

FV at Mutated Child #1 at Generation # 28 : 5.611461010738234  
FV at Mutated Child #2 at Generation # 28 : 1.7820704044140347  
--> Family: # 73

FV at Mutated Child #1 at Generation # 28 : 0.7954628084876473  
FV at Mutated Child #2 at Generation # 28 : 0.7882463446482828  
--> Family: # 74

FV at Mutated Child #1 at Generation # 28 : 7.377677142835617  
FV at Mutated Child #2 at Generation # 28 : 2305.530379135254  
--> Family: # 75

FV at Mutated Child #1 at Generation # 28 : 0.6419558343484597

FV at Mutated Child #2 at Generation # 28 : 5.251725440705345  
--> Family: # 76

FV at Mutated Child #1 at Generation # 28 : 146.1046948068491  
FV at Mutated Child #2 at Generation # 28 : 0.619726385391685  
--> Family: # 77

FV at Mutated Child #1 at Generation # 28 : 4.631733844798739  
FV at Mutated Child #2 at Generation # 28 : 561.4711364532758  
--> Family: # 78

FV at Mutated Child #1 at Generation # 28 : 2.257364235949481  
FV at Mutated Child #2 at Generation # 28 : 6.1496867375126625  
--> Family: # 79

FV at Mutated Child #1 at Generation # 28 : 91.78328531822312  
FV at Mutated Child #2 at Generation # 28 : 0.8716088034648464  
--> Family: # 80

FV at Mutated Child #1 at Generation # 28 : 35.70008970800884  
FV at Mutated Child #2 at Generation # 28 : 0.883173702974953  
--> Generation: # 29  
--> Family: # 1

FV at Mutated Child #1 at Generation # 29 : 6.018985967869384  
FV at Mutated Child #2 at Generation # 29 : 5.631892878933945  
--> Family: # 2

FV at Mutated Child #1 at Generation # 29 : 52.132310385089156  
FV at Mutated Child #2 at Generation # 29 : 156.71419654623335  
--> Family: # 3

FV at Mutated Child #1 at Generation # 29 : 33.15927888600856  
FV at Mutated Child #2 at Generation # 29 : 14.121096285680341  
--> Family: # 4

FV at Mutated Child #1 at Generation # 29 : 112.64488627793655  
FV at Mutated Child #2 at Generation # 29 : 163.9656641572365  
--> Family: # 5

FV at Mutated Child #1 at Generation # 29 : 9.882417818121205  
FV at Mutated Child #2 at Generation # 29 : 9.41660693151773  
--> Family: # 6

FV at Mutated Child #1 at Generation # 29 : 0.6902462358906878  
FV at Mutated Child #2 at Generation # 29 : 11.678277059133222  
--> Family: # 7

FV at Mutated Child #1 at Generation # 29 : 27.261997417196174  
FV at Mutated Child #2 at Generation # 29 : 5.186778085074402  
--> Family: # 8

FV at Mutated Child #1 at Generation # 29 : 160.43603804299565  
FV at Mutated Child #2 at Generation # 29 : 5.727136130839525  
--> Family: # 9

FV at Mutated Child #1 at Generation # 29 : 32.44491402511625  
FV at Mutated Child #2 at Generation # 29 : 29.576187206431367  
--> Family: # 10

FV at Mutated Child #1 at Generation # 29 : 1.746542510171781

FV at Mutated Child #2 at Generation # 29 : 42.60579207569757  
--> Family: # 11

FV at Mutated Child #1 at Generation # 29 : 0.8317537014216578  
FV at Mutated Child #2 at Generation # 29 : 1.6906269385891162  
--> Family: # 12

FV at Mutated Child #1 at Generation # 29 : 0.8907509094064434  
FV at Mutated Child #2 at Generation # 29 : 1.6663563526656295  
--> Family: # 13

FV at Mutated Child #1 at Generation # 29 : 1.2607241801339746  
FV at Mutated Child #2 at Generation # 29 : 31.611965328762167  
--> Family: # 14

FV at Mutated Child #1 at Generation # 29 : 5.864659485735258  
FV at Mutated Child #2 at Generation # 29 : 12.562985995937101  
--> Family: # 15

FV at Mutated Child #1 at Generation # 29 : 29.841015736194926  
FV at Mutated Child #2 at Generation # 29 : 24.193394638025  
--> Family: # 16

FV at Mutated Child #1 at Generation # 29 : 1.0679266501155982  
FV at Mutated Child #2 at Generation # 29 : 131.483880324915  
--> Family: # 17

FV at Mutated Child #1 at Generation # 29 : 154.84121286381975  
FV at Mutated Child #2 at Generation # 29 : 2.62813778424536  
--> Family: # 18

FV at Mutated Child #1 at Generation # 29 : 131.46806592345308  
FV at Mutated Child #2 at Generation # 29 : 9.674819507109863  
--> Family: # 19

FV at Mutated Child #1 at Generation # 29 : 7.523929985495563  
FV at Mutated Child #2 at Generation # 29 : 6.256988831602626  
--> Family: # 20

FV at Mutated Child #1 at Generation # 29 : 5.765491449882231  
FV at Mutated Child #2 at Generation # 29 : 9.352546934186151  
--> Family: # 21

FV at Mutated Child #1 at Generation # 29 : 33.04845564789586  
FV at Mutated Child #2 at Generation # 29 : 1.721574559397817  
--> Family: # 22

FV at Mutated Child #1 at Generation # 29 : 12.903137937530339  
FV at Mutated Child #2 at Generation # 29 : 41.02662577449631  
--> Family: # 23

FV at Mutated Child #1 at Generation # 29 : 22.49825699750855  
FV at Mutated Child #2 at Generation # 29 : 34.11318061430872  
--> Family: # 24

FV at Mutated Child #1 at Generation # 29 : 125.36295268685267  
FV at Mutated Child #2 at Generation # 29 : 3.5327739128660487  
--> Family: # 25

FV at Mutated Child #1 at Generation # 29 : 12.868475152975435  
FV at Mutated Child #2 at Generation # 29 : 127.19098473597921

--> Family: # 26

FV at Mutated Child #1 at Generation # 29 : 1.488290331481053

FV at Mutated Child #2 at Generation # 29 : 463.43010251767805

--> Family: # 27

FV at Mutated Child #1 at Generation # 29 : 158.77389843039106

FV at Mutated Child #2 at Generation # 29 : 101.03673859760876

--> Family: # 28

FV at Mutated Child #1 at Generation # 29 : 35.21382922521703

FV at Mutated Child #2 at Generation # 29 : 598.8015479066544

--> Family: # 29

FV at Mutated Child #1 at Generation # 29 : 11.060565985571094

FV at Mutated Child #2 at Generation # 29 : 0.9616547254547136

--> Family: # 30

FV at Mutated Child #1 at Generation # 29 : 0.900956210594832

FV at Mutated Child #2 at Generation # 29 : 143.72087909540636

--> Family: # 31

FV at Mutated Child #1 at Generation # 29 : 36.358313433168135

FV at Mutated Child #2 at Generation # 29 : 0.7031872947688566

--> Family: # 32

FV at Mutated Child #1 at Generation # 29 : 376.1981614576736

FV at Mutated Child #2 at Generation # 29 : 36.06696915968579

--> Family: # 33

FV at Mutated Child #1 at Generation # 29 : 5.04115638598576

FV at Mutated Child #2 at Generation # 29 : 26.04881372391309

--> Family: # 34

FV at Mutated Child #1 at Generation # 29 : 1.0716780568544262

FV at Mutated Child #2 at Generation # 29 : 7.915338386407032

--> Family: # 35

FV at Mutated Child #1 at Generation # 29 : 0.9580837202572237

FV at Mutated Child #2 at Generation # 29 : 4.7544771570341355

--> Family: # 36

FV at Mutated Child #1 at Generation # 29 : 22.01169198311525

FV at Mutated Child #2 at Generation # 29 : 34.35248472251139

--> Family: # 37

FV at Mutated Child #1 at Generation # 29 : 7.586606815035554

FV at Mutated Child #2 at Generation # 29 : 0.8016177353105083

--> Family: # 38

FV at Mutated Child #1 at Generation # 29 : 9.916616806560555

FV at Mutated Child #2 at Generation # 29 : 49.254353658274766

--> Family: # 39

FV at Mutated Child #1 at Generation # 29 : 6.385126748380521

FV at Mutated Child #2 at Generation # 29 : 3.5020657084963465

--> Family: # 40

FV at Mutated Child #1 at Generation # 29 : 1.7557669888753176

FV at Mutated Child #2 at Generation # 29 : 132.20715327952732

--> Family: # 41



FV at Mutated Child #1 at Generation # 29 : 167.35586706056634  
FV at Mutated Child #2 at Generation # 29 : 1.2184107243229048  
--> Family: # 42

FV at Mutated Child #1 at Generation # 29 : 4.24877967335212  
FV at Mutated Child #2 at Generation # 29 : 1.721574559397817  
--> Family: # 43

FV at Mutated Child #1 at Generation # 29 : 1.1429453625334092  
FV at Mutated Child #2 at Generation # 29 : 4.912531300327124  
--> Family: # 44

FV at Mutated Child #1 at Generation # 29 : 1.3465958524580963  
FV at Mutated Child #2 at Generation # 29 : 9.604525969284138  
--> Family: # 45

FV at Mutated Child #1 at Generation # 29 : 34.39772224064147  
FV at Mutated Child #2 at Generation # 29 : 4.048214295690719  
--> Family: # 46

FV at Mutated Child #1 at Generation # 29 : 3.6081882446629385  
FV at Mutated Child #2 at Generation # 29 : 1.04554343282062  
--> Family: # 47

FV at Mutated Child #1 at Generation # 29 : 1.595333170875872  
FV at Mutated Child #2 at Generation # 29 : 14.597349421115073  
--> Family: # 48

FV at Mutated Child #1 at Generation # 29 : 2.1989006676977128  
FV at Mutated Child #2 at Generation # 29 : 503.44358222612016  
--> Family: # 49

FV at Mutated Child #1 at Generation # 29 : 46.663973260035654  
FV at Mutated Child #2 at Generation # 29 : 509.84498873955107  
--> Family: # 50

FV at Mutated Child #1 at Generation # 29 : 40.72041437172049  
FV at Mutated Child #2 at Generation # 29 : 8.75794347467262  
--> Family: # 51

FV at Mutated Child #1 at Generation # 29 : 35.804043483233514  
FV at Mutated Child #2 at Generation # 29 : 553.1599010002485  
--> Family: # 52

FV at Mutated Child #1 at Generation # 29 : 165.82656786708017  
FV at Mutated Child #2 at Generation # 29 : 185.31627372834015  
--> Family: # 53

FV at Mutated Child #1 at Generation # 29 : 649.4744071400205  
FV at Mutated Child #2 at Generation # 29 : 5.191116239135383  
--> Family: # 54

FV at Mutated Child #1 at Generation # 29 : 10.936308507001192  
FV at Mutated Child #2 at Generation # 29 : 33.43677420622097  
--> Family: # 55

FV at Mutated Child #1 at Generation # 29 : 1.6127282426948986  
FV at Mutated Child #2 at Generation # 29 : 11.896025930127003  
--> Family: # 56

FV at Mutated Child #1 at Generation # 29 : 461.9464843821687  
FV at Mutated Child #2 at Generation # 29 : 1.3789543069469787  
--> Family: # 57

FV at Mutated Child #1 at Generation # 29 : 7.732279617866382  
FV at Mutated Child #2 at Generation # 29 : 36.512519874187745  
--> Family: # 58

FV at Mutated Child #1 at Generation # 29 : 165.25701703944873  
FV at Mutated Child #2 at Generation # 29 : 31.442886101337  
--> Family: # 59

FV at Mutated Child #1 at Generation # 29 : 4.809791156510387  
FV at Mutated Child #2 at Generation # 29 : 10.347971563928608  
--> Family: # 60

FV at Mutated Child #1 at Generation # 29 : 2.8396154126355593  
FV at Mutated Child #2 at Generation # 29 : 157.15744856518796  
--> Family: # 61

FV at Mutated Child #1 at Generation # 29 : 8.75794347467262  
FV at Mutated Child #2 at Generation # 29 : 1.9856890333324055  
--> Family: # 62

FV at Mutated Child #1 at Generation # 29 : 8.5080816927174  
FV at Mutated Child #2 at Generation # 29 : 40.793730584098114  
--> Family: # 63

FV at Mutated Child #1 at Generation # 29 : 5.567769583245818  
FV at Mutated Child #2 at Generation # 29 : 2.768620089774561  
--> Family: # 64

FV at Mutated Child #1 at Generation # 29 : 143.3060866037549  
FV at Mutated Child #2 at Generation # 29 : 1.896900215859689  
--> Family: # 65

FV at Mutated Child #1 at Generation # 29 : 1.8090902374488684  
FV at Mutated Child #2 at Generation # 29 : 1.191866594227706  
--> Family: # 66

FV at Mutated Child #1 at Generation # 29 : 167.40416198189416  
FV at Mutated Child #2 at Generation # 29 : 6.574718414056792  
--> Family: # 67

FV at Mutated Child #1 at Generation # 29 : 45.09816589714229  
FV at Mutated Child #2 at Generation # 29 : 0.8381688963994556  
--> Family: # 68

FV at Mutated Child #1 at Generation # 29 : 1.5766430676141638  
FV at Mutated Child #2 at Generation # 29 : 7.915338386407032  
--> Family: # 69

FV at Mutated Child #1 at Generation # 29 : 1.746542510171781  
FV at Mutated Child #2 at Generation # 29 : 10.469717408343072  
--> Family: # 70

FV at Mutated Child #1 at Generation # 29 : 6.385126748380521  
FV at Mutated Child #2 at Generation # 29 : 12.639365932565475  
--> Family: # 71

FV at Mutated Child #1 at Generation # 29 : 1.5330745089733318

FV at Mutated Child #2 at Generation # 29 : 156.60716680835105  
--> Family: # 72

FV at Mutated Child #1 at Generation # 29 : 619.6837474801823  
FV at Mutated Child #2 at Generation # 29 : 3.1744990528802974  
--> Family: # 73

FV at Mutated Child #1 at Generation # 29 : 34.44957778171481  
FV at Mutated Child #2 at Generation # 29 : 12.24152368911861  
--> Family: # 74

FV at Mutated Child #1 at Generation # 29 : 10.981816400106599  
FV at Mutated Child #2 at Generation # 29 : 1.513367214420209  
--> Family: # 75

FV at Mutated Child #1 at Generation # 29 : 6.277688098639593  
FV at Mutated Child #2 at Generation # 29 : 24.096782020563875  
--> Family: # 76

FV at Mutated Child #1 at Generation # 29 : 161.28401381159887  
FV at Mutated Child #2 at Generation # 29 : 4.829256120077621  
--> Family: # 77

FV at Mutated Child #1 at Generation # 29 : 149.47617556422418  
FV at Mutated Child #2 at Generation # 29 : 0.8817015509167669  
--> Family: # 78

FV at Mutated Child #1 at Generation # 29 : 13.476421000978187  
FV at Mutated Child #2 at Generation # 29 : 1.1912005636485772  
--> Family: # 79

FV at Mutated Child #1 at Generation # 29 : 164.5774094096859  
FV at Mutated Child #2 at Generation # 29 : 110.26003521456128  
--> Family: # 80

FV at Mutated Child #1 at Generation # 29 : 27.13262326934108  
FV at Mutated Child #2 at Generation # 29 : 246.21813022108853  
--> Generation: # 30  
--> Family: # 1

FV at Mutated Child #1 at Generation # 30 : 0.6961370039798584  
FV at Mutated Child #2 at Generation # 30 : 1.020801903859141  
--> Family: # 2

FV at Mutated Child #1 at Generation # 30 : 139.1394632363835  
FV at Mutated Child #2 at Generation # 30 : 0.6779501821376138  
--> Family: # 3

FV at Mutated Child #1 at Generation # 30 : 18.16333967831516  
FV at Mutated Child #2 at Generation # 30 : 132.97307576131018  
--> Family: # 4

FV at Mutated Child #1 at Generation # 30 : 1.3989586376064098  
FV at Mutated Child #2 at Generation # 30 : 536.6029967568336  
--> Family: # 5

FV at Mutated Child #1 at Generation # 30 : 3.8983984025963307  
FV at Mutated Child #2 at Generation # 30 : 5.397858116195569  
--> Family: # 6

FV at Mutated Child #1 at Generation # 30 : 5.135945071272429

FV at Mutated Child #2 at Generation # 30 : 7.4021020542041756

--> Family: # 7

FV at Mutated Child #1 at Generation # 30 : 5.809182666041943

FV at Mutated Child #2 at Generation # 30 : 33.366132220445145

--> Family: # 8

FV at Mutated Child #1 at Generation # 30 : 2206.3880065687185

FV at Mutated Child #2 at Generation # 30 : 24.12061807699252

--> Family: # 9

FV at Mutated Child #1 at Generation # 30 : 17.274747403728227

FV at Mutated Child #2 at Generation # 30 : 104.83106140765427

--> Family: # 10

FV at Mutated Child #1 at Generation # 30 : 1.092370264410635

FV at Mutated Child #2 at Generation # 30 : 90.30128560285769

--> Family: # 11

FV at Mutated Child #1 at Generation # 30 : 16.361550709188514

FV at Mutated Child #2 at Generation # 30 : 7.992396649574713

--> Family: # 12

FV at Mutated Child #1 at Generation # 30 : 0.5766390082893942

FV at Mutated Child #2 at Generation # 30 : 5.139101326360542

--> Family: # 13

FV at Mutated Child #1 at Generation # 30 : 9.523904299137916

FV at Mutated Child #2 at Generation # 30 : 79.68285272034416

--> Family: # 14

FV at Mutated Child #1 at Generation # 30 : 30.676518137332526

FV at Mutated Child #2 at Generation # 30 : 32.75367950294027

--> Family: # 15

FV at Mutated Child #1 at Generation # 30 : 112.65943546865537

FV at Mutated Child #2 at Generation # 30 : 3.3532239821894487

--> Family: # 16

FV at Mutated Child #1 at Generation # 30 : 130.8208160430231

FV at Mutated Child #2 at Generation # 30 : 23.584226099547866

--> Family: # 17

FV at Mutated Child #1 at Generation # 30 : 2170.291295239522

FV at Mutated Child #2 at Generation # 30 : 1313.4524060208203

--> Family: # 18

FV at Mutated Child #1 at Generation # 30 : 100.04616923540466

FV at Mutated Child #2 at Generation # 30 : 25.923935601813696

--> Family: # 19

FV at Mutated Child #1 at Generation # 30 : 12.510772443352415

FV at Mutated Child #2 at Generation # 30 : 2.6598914887434852

--> Family: # 20

FV at Mutated Child #1 at Generation # 30 : 3.7180861165294252

FV at Mutated Child #2 at Generation # 30 : 7.489578839454334

--> Family: # 21

FV at Mutated Child #1 at Generation # 30 : 19.75656790488896

FV at Mutated Child #2 at Generation # 30 : 0.8478636795178642

--> Family: # 22

FV at Mutated Child #1 at Generation # 30 : 2479.2456845787633

FV at Mutated Child #2 at Generation # 30 : 0.6878148434150498

--> Family: # 23

FV at Mutated Child #1 at Generation # 30 : 10.755203167938381

FV at Mutated Child #2 at Generation # 30 : 11.172213566826171

--> Family: # 24

FV at Mutated Child #1 at Generation # 30 : 7.994409373229841

FV at Mutated Child #2 at Generation # 30 : 65.98029879743349

--> Family: # 25

FV at Mutated Child #1 at Generation # 30 : 2411.4515257181915

FV at Mutated Child #2 at Generation # 30 : 0.6779501821376138

--> Family: # 26

FV at Mutated Child #1 at Generation # 30 : 1.9736785301329847

FV at Mutated Child #2 at Generation # 30 : 2.587443626069436

--> Family: # 27

FV at Mutated Child #1 at Generation # 30 : 6.179454808408179

FV at Mutated Child #2 at Generation # 30 : 3.6609005955018525

--> Family: # 28

FV at Mutated Child #1 at Generation # 30 : 2.332154598879205

FV at Mutated Child #2 at Generation # 30 : 144.73768278453042

--> Family: # 29

FV at Mutated Child #1 at Generation # 30 : 130.88702250356414

FV at Mutated Child #2 at Generation # 30 : 0.8097012057069883

--> Family: # 30

FV at Mutated Child #1 at Generation # 30 : 392.6957989209029

FV at Mutated Child #2 at Generation # 30 : 556.5560825217786

--> Family: # 31

FV at Mutated Child #1 at Generation # 30 : 4.07764322339606

FV at Mutated Child #2 at Generation # 30 : 32.75367950294027

--> Family: # 32

FV at Mutated Child #1 at Generation # 30 : 146.38354222468686

FV at Mutated Child #2 at Generation # 30 : 162.9710378435411

--> Family: # 33

FV at Mutated Child #1 at Generation # 30 : 5.6579337310566125

FV at Mutated Child #2 at Generation # 30 : 1.067559750247843

--> Family: # 34

FV at Mutated Child #1 at Generation # 30 : 1.3656364692204876

FV at Mutated Child #2 at Generation # 30 : 109.84018023236042

--> Family: # 35

FV at Mutated Child #1 at Generation # 30 : 33.66396663280105

FV at Mutated Child #2 at Generation # 30 : 1.1207445305904102

--> Family: # 36

FV at Mutated Child #1 at Generation # 30 : 17.082209754360633

FV at Mutated Child #2 at Generation # 30 : 30.036964341244765

--> Family: # 37

FV at Mutated Child #1 at Generation # 30 : 3.6327944113123403  
FV at Mutated Child #2 at Generation # 30 : 214.85430309130547  
--> Family: # 38

FV at Mutated Child #1 at Generation # 30 : 2450.084791453464  
FV at Mutated Child #2 at Generation # 30 : 2478.704440286041  
--> Family: # 39

FV at Mutated Child #1 at Generation # 30 : 3.3070352807203536  
FV at Mutated Child #2 at Generation # 30 : 657.7695643826381  
--> Family: # 40

FV at Mutated Child #1 at Generation # 30 : 6.391165657575672  
FV at Mutated Child #2 at Generation # 30 : 570.7841081028658  
--> Family: # 41

FV at Mutated Child #1 at Generation # 30 : 30.676518137332526  
FV at Mutated Child #2 at Generation # 30 : 7.42602206893293  
--> Family: # 42

FV at Mutated Child #1 at Generation # 30 : 0.8523925445201574  
FV at Mutated Child #2 at Generation # 30 : 5.720410275472966  
--> Family: # 43

FV at Mutated Child #1 at Generation # 30 : 102.2078954218209  
FV at Mutated Child #2 at Generation # 30 : 144.40407840589006  
--> Family: # 44

FV at Mutated Child #1 at Generation # 30 : 3.360918054670476  
FV at Mutated Child #2 at Generation # 30 : 1.8047196111338017  
--> Family: # 45

FV at Mutated Child #1 at Generation # 30 : 4.023172005108701  
FV at Mutated Child #2 at Generation # 30 : 7.564769863531096  
--> Family: # 46

FV at Mutated Child #1 at Generation # 30 : 0.7641242731796084  
FV at Mutated Child #2 at Generation # 30 : 1.0933166964549366  
--> Family: # 47

FV at Mutated Child #1 at Generation # 30 : 6.575537000572623  
FV at Mutated Child #2 at Generation # 30 : 0.6455777423039931  
--> Family: # 48

FV at Mutated Child #1 at Generation # 30 : 27.774665849752207  
FV at Mutated Child #2 at Generation # 30 : 4.092486431295769  
--> Family: # 49

FV at Mutated Child #1 at Generation # 30 : 2.273658762555657  
FV at Mutated Child #2 at Generation # 30 : 32.59345259900307  
--> Family: # 50

FV at Mutated Child #1 at Generation # 30 : 1.5809754491133283  
FV at Mutated Child #2 at Generation # 30 : 1.704424076200426  
--> Family: # 51

FV at Mutated Child #1 at Generation # 30 : 574.6427470830583  
FV at Mutated Child #2 at Generation # 30 : 29.24866394402832  
--> Family: # 52

FV at Mutated Child #1 at Generation # 30 : 1.820015557039838  
FV at Mutated Child #2 at Generation # 30 : 0.6843736792465577  
--> Family: # 53

FV at Mutated Child #1 at Generation # 30 : 8.815716145419726  
FV at Mutated Child #2 at Generation # 30 : 122.24181865508301  
--> Family: # 54

FV at Mutated Child #1 at Generation # 30 : 5.1942415525885455  
FV at Mutated Child #2 at Generation # 30 : 1.784139872314526  
--> Family: # 55

FV at Mutated Child #1 at Generation # 30 : 0.7040714401963116  
FV at Mutated Child #2 at Generation # 30 : 0.8738425230693616  
--> Family: # 56

FV at Mutated Child #1 at Generation # 30 : 0.5341962273520161  
FV at Mutated Child #2 at Generation # 30 : 0.6985518421683148  
--> Family: # 57

FV at Mutated Child #1 at Generation # 30 : 3.503908057526374  
FV at Mutated Child #2 at Generation # 30 : 4.408263271090233  
--> Family: # 58

FV at Mutated Child #1 at Generation # 30 : 5.050350644270434  
FV at Mutated Child #2 at Generation # 30 : 2.2610315149632827  
--> Family: # 59

FV at Mutated Child #1 at Generation # 30 : 0.9867574097302401  
FV at Mutated Child #2 at Generation # 30 : 0.6872037318586184  
--> Family: # 60

FV at Mutated Child #1 at Generation # 30 : 0.6320772032890627  
FV at Mutated Child #2 at Generation # 30 : 1.0776464900378888  
--> Family: # 61

FV at Mutated Child #1 at Generation # 30 : 3.2798150031611724  
FV at Mutated Child #2 at Generation # 30 : 24.13921204662891  
--> Family: # 62

FV at Mutated Child #1 at Generation # 30 : 6.272369200574384  
FV at Mutated Child #2 at Generation # 30 : 29.386814196084295  
--> Family: # 63

FV at Mutated Child #1 at Generation # 30 : 3.299094706055027  
FV at Mutated Child #2 at Generation # 30 : 2428.2192785207735  
--> Family: # 64

FV at Mutated Child #1 at Generation # 30 : 7.374397958690402  
FV at Mutated Child #2 at Generation # 30 : 30.783740831803506  
--> Family: # 65

FV at Mutated Child #1 at Generation # 30 : 33.717117895283295  
FV at Mutated Child #2 at Generation # 30 : 0.7797340420421328  
--> Family: # 66

FV at Mutated Child #1 at Generation # 30 : 4.6845749075456755  
FV at Mutated Child #2 at Generation # 30 : 33.87052536034281  
--> Family: # 67

FV at Mutated Child #1 at Generation # 30 : 1.4656259451341365

FV at Mutated Child #2 at Generation # 30 : 4.469002307538619  
--> Family: # 68

FV at Mutated Child #1 at Generation # 30 : 2350.7524415802477  
FV at Mutated Child #2 at Generation # 30 : 1.5542401611469614  
--> Family: # 69

FV at Mutated Child #1 at Generation # 30 : 597.6013665743643  
FV at Mutated Child #2 at Generation # 30 : 0.809005006080028  
--> Family: # 70

FV at Mutated Child #1 at Generation # 30 : 0.6870868914022138  
FV at Mutated Child #2 at Generation # 30 : 0.727840154900857  
--> Family: # 71

FV at Mutated Child #1 at Generation # 30 : 41.5924264730018  
FV at Mutated Child #2 at Generation # 30 : 1.931998938241711  
--> Family: # 72

FV at Mutated Child #1 at Generation # 30 : 475.1605315043126  
FV at Mutated Child #2 at Generation # 30 : 1.4398442304508778  
--> Family: # 73

FV at Mutated Child #1 at Generation # 30 : 3.369969424301678  
FV at Mutated Child #2 at Generation # 30 : 0.5002070819145751  
--> Family: # 74

FV at Mutated Child #1 at Generation # 30 : 570.5521546137945  
FV at Mutated Child #2 at Generation # 30 : 173.39573644417527  
--> Family: # 75

FV at Mutated Child #1 at Generation # 30 : 1.7300080896081904  
FV at Mutated Child #2 at Generation # 30 : 13.51695171084345  
--> Family: # 76

FV at Mutated Child #1 at Generation # 30 : 30.895928570579596  
FV at Mutated Child #2 at Generation # 30 : 15.932052230044041  
--> Family: # 77

FV at Mutated Child #1 at Generation # 30 : 0.7420920120412646  
FV at Mutated Child #2 at Generation # 30 : 1.2316532002098965  
--> Family: # 78

FV at Mutated Child #1 at Generation # 30 : 21.61550070942898  
FV at Mutated Child #2 at Generation # 30 : 1.2700035981224236  
--> Family: # 79

FV at Mutated Child #1 at Generation # 30 : 35.18975272346003  
FV at Mutated Child #2 at Generation # 30 : 33.66396663280105  
--> Family: # 80

FV at Mutated Child #1 at Generation # 30 : 109.40892726732821  
FV at Mutated Child #2 at Generation # 30 : 34.55371011073264  
--> Generation: # 31  
--> Family: # 1

FV at Mutated Child #1 at Generation # 31 : 33.10494365443614  
FV at Mutated Child #2 at Generation # 31 : 544.8281200601234  
--> Family: # 2

FV at Mutated Child #1 at Generation # 31 : 110.39339033983407



FV at Mutated Child #2 at Generation # 31 : 31.359623607510464

--> Family: # 3

FV at Mutated Child #1 at Generation # 31 : 96.75545756518305

FV at Mutated Child #2 at Generation # 31 : 0.8016177353105083

--> Family: # 4

FV at Mutated Child #1 at Generation # 31 : 4.031504086206639

FV at Mutated Child #2 at Generation # 31 : 5.804758357584215

--> Family: # 5

FV at Mutated Child #1 at Generation # 31 : 7.919246121412973

FV at Mutated Child #2 at Generation # 31 : 2.012326270332028

--> Family: # 6

FV at Mutated Child #1 at Generation # 31 : 12.14266244583599

FV at Mutated Child #2 at Generation # 31 : 2359.434810727015

--> Family: # 7

FV at Mutated Child #1 at Generation # 31 : 13.495111743722035

FV at Mutated Child #2 at Generation # 31 : 28.872242153138718

--> Family: # 8

FV at Mutated Child #1 at Generation # 31 : 33.63868533856546

FV at Mutated Child #2 at Generation # 31 : 1.119658938514782

--> Family: # 9

FV at Mutated Child #1 at Generation # 31 : 598.6237783254063

FV at Mutated Child #2 at Generation # 31 : 38.62361125046631

--> Family: # 10

FV at Mutated Child #1 at Generation # 31 : 7.906043999295827

FV at Mutated Child #2 at Generation # 31 : 1.089871287193247

--> Family: # 11

FV at Mutated Child #1 at Generation # 31 : 24.452841273230593

FV at Mutated Child #2 at Generation # 31 : 1.0797402343588949

--> Family: # 12

FV at Mutated Child #1 at Generation # 31 : 12.83629936578639

FV at Mutated Child #2 at Generation # 31 : 20.14517594129337

--> Family: # 13

FV at Mutated Child #1 at Generation # 31 : 21.977828006309707

FV at Mutated Child #2 at Generation # 31 : 95.09001246332427

--> Family: # 14

FV at Mutated Child #1 at Generation # 31 : 4.5636007475928295

FV at Mutated Child #2 at Generation # 31 : 0.9036212795830473

--> Family: # 15

FV at Mutated Child #1 at Generation # 31 : 224.20352355489

FV at Mutated Child #2 at Generation # 31 : 569.7151122186707

--> Family: # 16

FV at Mutated Child #1 at Generation # 31 : 21.88355749448065

FV at Mutated Child #2 at Generation # 31 : 158.13953678562694

--> Family: # 17

FV at Mutated Child #1 at Generation # 31 : 548.9280223245175

FV at Mutated Child #2 at Generation # 31 : 109.09765888977756

--> Family: # 18

FV at Mutated Child #1 at Generation # 31 : 1.3572228361775132

FV at Mutated Child #2 at Generation # 31 : 2.0003718959944043

--> Family: # 19

FV at Mutated Child #1 at Generation # 31 : 11.736069646254228

FV at Mutated Child #2 at Generation # 31 : 3.7622929158402107

--> Family: # 20

FV at Mutated Child #1 at Generation # 31 : 2410.1226945696453

FV at Mutated Child #2 at Generation # 31 : 6.433025689724113

--> Family: # 21

FV at Mutated Child #1 at Generation # 31 : 2170.842974683045

FV at Mutated Child #2 at Generation # 31 : 6.721455676271082

--> Family: # 22

FV at Mutated Child #1 at Generation # 31 : 2.292429364725717

FV at Mutated Child #2 at Generation # 31 : 12.111437332316726

--> Family: # 23

FV at Mutated Child #1 at Generation # 31 : 3.6781503340509083

FV at Mutated Child #2 at Generation # 31 : 1.7734593973627306

--> Family: # 24

FV at Mutated Child #1 at Generation # 31 : 5.931918379375729

FV at Mutated Child #2 at Generation # 31 : 21.082735004686537

--> Family: # 25

FV at Mutated Child #1 at Generation # 31 : 0.7031872947688566

FV at Mutated Child #2 at Generation # 31 : 0.7031872947688566

--> Family: # 26

FV at Mutated Child #1 at Generation # 31 : 16.65031581231725

FV at Mutated Child #2 at Generation # 31 : 2.1989006676977128

--> Family: # 27

FV at Mutated Child #1 at Generation # 31 : 2308.7176828935853

FV at Mutated Child #2 at Generation # 31 : 1435.0074569063556

--> Family: # 28

FV at Mutated Child #1 at Generation # 31 : 4.138518217556171

FV at Mutated Child #2 at Generation # 31 : 4.139238059338286

--> Family: # 29

FV at Mutated Child #1 at Generation # 31 : 2460.7057392309216

FV at Mutated Child #2 at Generation # 31 : 4.883498202437901

--> Family: # 30

FV at Mutated Child #1 at Generation # 31 : 1.0067593213945885

FV at Mutated Child #2 at Generation # 31 : 125.90896199715459

--> Family: # 31

FV at Mutated Child #1 at Generation # 31 : 6.080645094858526

FV at Mutated Child #2 at Generation # 31 : 598.2270007058811

--> Family: # 32

FV at Mutated Child #1 at Generation # 31 : 2.905889092886144

FV at Mutated Child #2 at Generation # 31 : 0.9677035033173468

--> Family: # 33

FV at Mutated Child #1 at Generation # 31 : 134.55015305304713  
FV at Mutated Child #2 at Generation # 31 : 194.21174403217503  
--> Family: # 34

FV at Mutated Child #1 at Generation # 31 : 10.542517580948214  
FV at Mutated Child #2 at Generation # 31 : 106.58719978679811  
--> Family: # 35

FV at Mutated Child #1 at Generation # 31 : 8.518421871012851  
FV at Mutated Child #2 at Generation # 31 : 33.32712056046043  
--> Family: # 36

FV at Mutated Child #1 at Generation # 31 : 2518.5869499262976  
FV at Mutated Child #2 at Generation # 31 : 149.3091973018093  
--> Family: # 37

FV at Mutated Child #1 at Generation # 31 : 116.48195629088688  
FV at Mutated Child #2 at Generation # 31 : 105.39509588316473  
--> Family: # 38

FV at Mutated Child #1 at Generation # 31 : 1.578766718676988  
FV at Mutated Child #2 at Generation # 31 : 551.7864442518954  
--> Family: # 39

FV at Mutated Child #1 at Generation # 31 : 541.5745382318551  
FV at Mutated Child #2 at Generation # 31 : 8.89785498179177  
--> Family: # 40

FV at Mutated Child #1 at Generation # 31 : 6.802356946338791  
FV at Mutated Child #2 at Generation # 31 : 154.26543462046533  
--> Family: # 41

FV at Mutated Child #1 at Generation # 31 : 8.444455569888223  
FV at Mutated Child #2 at Generation # 31 : 18.62872561474922  
--> Family: # 42

FV at Mutated Child #1 at Generation # 31 : 0.6890078513805139  
FV at Mutated Child #2 at Generation # 31 : 33.50775651089229  
--> Family: # 43

FV at Mutated Child #1 at Generation # 31 : 6.36679728335491  
FV at Mutated Child #2 at Generation # 31 : 27.017454488529353  
--> Family: # 44

FV at Mutated Child #1 at Generation # 31 : 97.97890396472918  
FV at Mutated Child #2 at Generation # 31 : 102.82692381617404  
--> Family: # 45

FV at Mutated Child #1 at Generation # 31 : 10.438915989764684  
FV at Mutated Child #2 at Generation # 31 : 8.28934333722081  
--> Family: # 46

FV at Mutated Child #1 at Generation # 31 : 31.850494455306098  
FV at Mutated Child #2 at Generation # 31 : 2.952807467842813  
--> Family: # 47

FV at Mutated Child #1 at Generation # 31 : 10.320344571326217  
FV at Mutated Child #2 at Generation # 31 : 99.5827767553236  
--> Family: # 48

FV at Mutated Child #1 at Generation # 31 : 2.345812114304158  
FV at Mutated Child #2 at Generation # 31 : 41.34080094418126  
--> Family: # 49

FV at Mutated Child #1 at Generation # 31 : 27.62671913934059  
FV at Mutated Child #2 at Generation # 31 : 164.79068158391163  
--> Family: # 50

FV at Mutated Child #1 at Generation # 31 : 589.8171567904001  
FV at Mutated Child #2 at Generation # 31 : 11.81779882859719  
--> Family: # 51

FV at Mutated Child #1 at Generation # 31 : 8.369013637314957  
FV at Mutated Child #2 at Generation # 31 : 512.8211431320223  
--> Family: # 52

FV at Mutated Child #1 at Generation # 31 : 5.455584940447326  
FV at Mutated Child #2 at Generation # 31 : 38.93727553227543  
--> Family: # 53

FV at Mutated Child #1 at Generation # 31 : 109.4943679678901  
FV at Mutated Child #2 at Generation # 31 : 38.34919826512635  
--> Family: # 54

FV at Mutated Child #1 at Generation # 31 : 0.9568452629516915  
FV at Mutated Child #2 at Generation # 31 : 1.7043919216342585  
--> Family: # 55

FV at Mutated Child #1 at Generation # 31 : 119.49234599834398  
FV at Mutated Child #2 at Generation # 31 : 3.3430346056278353  
--> Family: # 56

FV at Mutated Child #1 at Generation # 31 : 1.3476287810387817  
FV at Mutated Child #2 at Generation # 31 : 33.243405915908596  
--> Family: # 57

FV at Mutated Child #1 at Generation # 31 : 566.236236115257  
FV at Mutated Child #2 at Generation # 31 : 5.502450249660558  
--> Family: # 58

FV at Mutated Child #1 at Generation # 31 : 12.58974134500516  
FV at Mutated Child #2 at Generation # 31 : 33.99377558911899  
--> Family: # 59

FV at Mutated Child #1 at Generation # 31 : 41.708367201249104  
FV at Mutated Child #2 at Generation # 31 : 154.26543462046533  
--> Family: # 60

FV at Mutated Child #1 at Generation # 31 : 139.70930989078323  
FV at Mutated Child #2 at Generation # 31 : 0.6653646592504334  
--> Family: # 61

FV at Mutated Child #1 at Generation # 31 : 3.1738310496213997  
FV at Mutated Child #2 at Generation # 31 : 13.111769695745352  
--> Family: # 62

FV at Mutated Child #1 at Generation # 31 : 1.0712114227328502  
FV at Mutated Child #2 at Generation # 31 : 149.06401870442406  
--> Family: # 63

FV at Mutated Child #1 at Generation # 31 : 2338.743756798459

FV at Mutated Child #2 at Generation # 31 : 2324.943194368378  
--> Family: # 64

FV at Mutated Child #1 at Generation # 31 : 41.809220881493054  
FV at Mutated Child #2 at Generation # 31 : 1.565486539794728  
--> Family: # 65

FV at Mutated Child #1 at Generation # 31 : 1.237388380500109  
FV at Mutated Child #2 at Generation # 31 : 17.447342477622506  
--> Family: # 66

FV at Mutated Child #1 at Generation # 31 : 4.871455429264161  
FV at Mutated Child #2 at Generation # 31 : 11.88430938144996  
--> Family: # 67

FV at Mutated Child #1 at Generation # 31 : 2465.996709796014  
FV at Mutated Child #2 at Generation # 31 : 10.169334547375254  
--> Family: # 68

FV at Mutated Child #1 at Generation # 31 : 13.229773195342718  
FV at Mutated Child #2 at Generation # 31 : 1.19605513017787  
--> Family: # 69

FV at Mutated Child #1 at Generation # 31 : 571.13828301553  
FV at Mutated Child #2 at Generation # 31 : 10.169334547375254  
--> Family: # 70

FV at Mutated Child #1 at Generation # 31 : 6.260599697852173  
FV at Mutated Child #2 at Generation # 31 : 32.770983119318394  
--> Family: # 71

FV at Mutated Child #1 at Generation # 31 : 0.9616547254547136  
FV at Mutated Child #2 at Generation # 31 : 2.3591870538106434  
--> Family: # 72

FV at Mutated Child #1 at Generation # 31 : 15.098048786769263  
FV at Mutated Child #2 at Generation # 31 : 5.055478270530279  
--> Family: # 73

FV at Mutated Child #1 at Generation # 31 : 575.1895130786138  
FV at Mutated Child #2 at Generation # 31 : 38.493373364815476  
--> Family: # 74

FV at Mutated Child #1 at Generation # 31 : 618.6069787217356  
FV at Mutated Child #2 at Generation # 31 : 154.11093970042222  
--> Family: # 75

FV at Mutated Child #1 at Generation # 31 : 100.97332425552217  
FV at Mutated Child #2 at Generation # 31 : 110.82699884022779  
--> Family: # 76

FV at Mutated Child #1 at Generation # 31 : 35.94648023867701  
FV at Mutated Child #2 at Generation # 31 : 2.3154161302131144  
--> Family: # 77

FV at Mutated Child #1 at Generation # 31 : 3.5230669152849834  
FV at Mutated Child #2 at Generation # 31 : 141.97408855366723  
--> Family: # 78

FV at Mutated Child #1 at Generation # 31 : 9.281613833727592  
FV at Mutated Child #2 at Generation # 31 : 4.300456496694954

--> Family: # 79

FV at Mutated Child #1 at Generation # 31 : 1590.3033658725876

FV at Mutated Child #2 at Generation # 31 : 8.52097896887106

--> Family: # 80

FV at Mutated Child #1 at Generation # 31 : 57.2863856426971

FV at Mutated Child #2 at Generation # 31 : 131.8995494548036

--> Generation: # 32

--> Family: # 1

FV at Mutated Child #1 at Generation # 32 : 4.6845749075456755

FV at Mutated Child #2 at Generation # 32 : 1.2316532002098965

--> Family: # 2

FV at Mutated Child #1 at Generation # 32 : 143.72395983775883

FV at Mutated Child #2 at Generation # 32 : 1398.0035861815354

--> Family: # 3

FV at Mutated Child #1 at Generation # 32 : 1932.629883385484

FV at Mutated Child #2 at Generation # 32 : 2533.20065110584

--> Family: # 4

FV at Mutated Child #1 at Generation # 32 : 0.8259249075967671

FV at Mutated Child #2 at Generation # 32 : 578.0763123018254

--> Family: # 5

FV at Mutated Child #1 at Generation # 32 : 14.703112769536057

FV at Mutated Child #2 at Generation # 32 : 2.7991686307757733

--> Family: # 6

FV at Mutated Child #1 at Generation # 32 : 1.7518359915889334

FV at Mutated Child #2 at Generation # 32 : 28.800974373868904

--> Family: # 7

FV at Mutated Child #1 at Generation # 32 : 33.712270412365356

FV at Mutated Child #2 at Generation # 32 : 38.30785375386441

--> Family: # 8

FV at Mutated Child #1 at Generation # 32 : 2.035624097838694

FV at Mutated Child #2 at Generation # 32 : 2451.130630494089

--> Family: # 9

FV at Mutated Child #1 at Generation # 32 : 8.023427494370672

FV at Mutated Child #2 at Generation # 32 : 0.7679862532539056

--> Family: # 10

FV at Mutated Child #1 at Generation # 32 : 39.19031466034303

FV at Mutated Child #2 at Generation # 32 : 6.36213915706878

--> Family: # 11

FV at Mutated Child #1 at Generation # 32 : 1.6647551637830038

FV at Mutated Child #2 at Generation # 32 : 2344.003637103008

--> Family: # 12

FV at Mutated Child #1 at Generation # 32 : 0.9416140383852762

FV at Mutated Child #2 at Generation # 32 : 14.42317255158503

--> Family: # 13

FV at Mutated Child #1 at Generation # 32 : 0.6839374167924768

FV at Mutated Child #2 at Generation # 32 : 0.6827585528472163

--> Family: # 14

FV at Mutated Child #1 at Generation # 32 : 144.62052665649256

FV at Mutated Child #2 at Generation # 32 : 0.7137594232136298

--> Family: # 15

FV at Mutated Child #1 at Generation # 32 : 13.356019598908222

FV at Mutated Child #2 at Generation # 32 : 3.206068613050257

--> Family: # 16

FV at Mutated Child #1 at Generation # 32 : 8.075004094002207

FV at Mutated Child #2 at Generation # 32 : 7.208901015898265

--> Family: # 17

FV at Mutated Child #1 at Generation # 32 : 0.6870868914022138

FV at Mutated Child #2 at Generation # 32 : 24.985451405848238

--> Family: # 18

FV at Mutated Child #1 at Generation # 32 : 0.9920653822386531

FV at Mutated Child #2 at Generation # 32 : 5.006053001137926

--> Family: # 19

FV at Mutated Child #1 at Generation # 32 : 30.103567827897418

FV at Mutated Child #2 at Generation # 32 : 25.956703490750005

--> Family: # 20

FV at Mutated Child #1 at Generation # 32 : 1.2357026986227695

FV at Mutated Child #2 at Generation # 32 : 14.923623136090495

--> Family: # 21

FV at Mutated Child #1 at Generation # 32 : 3.369969424301678

FV at Mutated Child #2 at Generation # 32 : 553.6270705997044

--> Family: # 22

FV at Mutated Child #1 at Generation # 32 : 2.4170584564557727

FV at Mutated Child #2 at Generation # 32 : 5.878177730244882

--> Family: # 23

FV at Mutated Child #1 at Generation # 32 : 1.7518359915889334

FV at Mutated Child #2 at Generation # 32 : 143.76740280491683

--> Family: # 24

FV at Mutated Child #1 at Generation # 32 : 1.0273834879369375

FV at Mutated Child #2 at Generation # 32 : 26.02453271605178

--> Family: # 25

FV at Mutated Child #1 at Generation # 32 : 6.132415908557941

FV at Mutated Child #2 at Generation # 32 : 6.095865124797293

--> Family: # 26

FV at Mutated Child #1 at Generation # 32 : 0.6658728539442936

FV at Mutated Child #2 at Generation # 32 : 4.090093358417764

--> Family: # 27

FV at Mutated Child #1 at Generation # 32 : 9.149187645484822

FV at Mutated Child #2 at Generation # 32 : 67.3331901959703

--> Family: # 28

FV at Mutated Child #1 at Generation # 32 : 9.40614261143743

FV at Mutated Child #2 at Generation # 32 : 0.5151777900146968

--> Family: # 29

FV at Mutated Child #1 at Generation # 32 : 6.276893815689023  
FV at Mutated Child #2 at Generation # 32 : 9.462396943174145  
--> Family: # 30

FV at Mutated Child #1 at Generation # 32 : 6.664748532282393  
FV at Mutated Child #2 at Generation # 32 : 7.076021098661235  
--> Family: # 31

FV at Mutated Child #1 at Generation # 32 : 1.370871741122989  
FV at Mutated Child #2 at Generation # 32 : 77.85423152769884  
--> Family: # 32

FV at Mutated Child #1 at Generation # 32 : 2.6379026750441215  
FV at Mutated Child #2 at Generation # 32 : 33.57196496798366  
--> Family: # 33

FV at Mutated Child #1 at Generation # 32 : 31.655911789331522  
FV at Mutated Child #2 at Generation # 32 : 1.2316532002098965  
--> Family: # 34

FV at Mutated Child #1 at Generation # 32 : 0.6878148434150498  
FV at Mutated Child #2 at Generation # 32 : 10.16903429274164  
--> Family: # 35

FV at Mutated Child #1 at Generation # 32 : 29.379732510882004  
FV at Mutated Child #2 at Generation # 32 : 0.9302563079265795  
--> Family: # 36

FV at Mutated Child #1 at Generation # 32 : 514.5123594525281  
FV at Mutated Child #2 at Generation # 32 : 539.4721727775168  
--> Family: # 37

FV at Mutated Child #1 at Generation # 32 : 2.7807593131443222  
FV at Mutated Child #2 at Generation # 32 : 24.42828127370334  
--> Family: # 38

FV at Mutated Child #1 at Generation # 32 : 35.555748922360536  
FV at Mutated Child #2 at Generation # 32 : 1.058311415660305  
--> Family: # 39

FV at Mutated Child #1 at Generation # 32 : 3.877612582079017  
FV at Mutated Child #2 at Generation # 32 : 4.215216512158643  
--> Family: # 40

FV at Mutated Child #1 at Generation # 32 : 2402.4984652680646  
FV at Mutated Child #2 at Generation # 32 : 984.8270126048552  
--> Family: # 41

FV at Mutated Child #1 at Generation # 32 : 0.6997285472045858  
FV at Mutated Child #2 at Generation # 32 : 6.018349626422284  
--> Family: # 42

FV at Mutated Child #1 at Generation # 32 : 1.5955034750884298  
FV at Mutated Child #2 at Generation # 32 : 508.0982471808671  
--> Family: # 43

FV at Mutated Child #1 at Generation # 32 : 1.0431303334510147  
FV at Mutated Child #2 at Generation # 32 : 11.717560917855172  
--> Family: # 44



FV at Mutated Child #1 at Generation # 32 : 111.4165839746636  
FV at Mutated Child #2 at Generation # 32 : 4.590311908481568  
--> Family: # 45

FV at Mutated Child #1 at Generation # 32 : 117.87175556560835  
FV at Mutated Child #2 at Generation # 32 : 105.19460368111879  
--> Family: # 46

FV at Mutated Child #1 at Generation # 32 : 9.496023223744496  
FV at Mutated Child #2 at Generation # 32 : 0.7436895056038384  
--> Family: # 47

FV at Mutated Child #1 at Generation # 32 : 2.3621896524204335  
FV at Mutated Child #2 at Generation # 32 : 146.5028442157703  
--> Family: # 48

FV at Mutated Child #1 at Generation # 32 : 1.1927603151473845  
FV at Mutated Child #2 at Generation # 32 : 2.5797212237860188  
--> Family: # 49

FV at Mutated Child #1 at Generation # 32 : 25.3008023441696  
FV at Mutated Child #2 at Generation # 32 : 81.11437543839689  
--> Family: # 50

FV at Mutated Child #1 at Generation # 32 : 11.040052628782522  
FV at Mutated Child #2 at Generation # 32 : 0.7063974998841028  
--> Family: # 51

FV at Mutated Child #1 at Generation # 32 : 2.62813778424536  
FV at Mutated Child #2 at Generation # 32 : 134.66342548992463  
--> Family: # 52

FV at Mutated Child #1 at Generation # 32 : 0.6574664800775957  
FV at Mutated Child #2 at Generation # 32 : 80.92960505308999  
--> Family: # 53

FV at Mutated Child #1 at Generation # 32 : 6.627925533743775  
FV at Mutated Child #2 at Generation # 32 : 2.69152859092543  
--> Family: # 54

FV at Mutated Child #1 at Generation # 32 : 11.843749602305776  
FV at Mutated Child #2 at Generation # 32 : 26.830624464846586  
--> Family: # 55

FV at Mutated Child #1 at Generation # 32 : 0.6270180544792798  
FV at Mutated Child #2 at Generation # 32 : 36.23859304280517  
--> Family: # 56

FV at Mutated Child #1 at Generation # 32 : 25.35251673871641  
FV at Mutated Child #2 at Generation # 32 : 0.6888563037730879  
--> Family: # 57

FV at Mutated Child #1 at Generation # 32 : 17.29707149270786  
FV at Mutated Child #2 at Generation # 32 : 1.1650456826160775  
--> Family: # 58

FV at Mutated Child #1 at Generation # 32 : 0.6175692355137041  
FV at Mutated Child #2 at Generation # 32 : 1.0288275021277988  
--> Family: # 59

FV at Mutated Child #1 at Generation # 32 : 11.946485761468228

FV at Mutated Child #2 at Generation # 32 : 5.96844946695777  
--> Family: # 60

FV at Mutated Child #1 at Generation # 32 : 1.8799862037582655  
FV at Mutated Child #2 at Generation # 32 : 17.254290910001796  
--> Family: # 61

FV at Mutated Child #1 at Generation # 32 : 11.414974633567297  
FV at Mutated Child #2 at Generation # 32 : 14.93142549559385  
--> Family: # 62

FV at Mutated Child #1 at Generation # 32 : 0.6870868914022138  
FV at Mutated Child #2 at Generation # 32 : 141.41620342383493  
--> Family: # 63

FV at Mutated Child #1 at Generation # 32 : 0.6893333109535634  
FV at Mutated Child #2 at Generation # 32 : 1.2734768703471313  
--> Family: # 64

FV at Mutated Child #1 at Generation # 32 : 1.543451465354365  
FV at Mutated Child #2 at Generation # 32 : 0.7438042170722029  
--> Family: # 65

FV at Mutated Child #1 at Generation # 32 : 49.06605129965165  
FV at Mutated Child #2 at Generation # 32 : 2.8480086050196665  
--> Family: # 66

FV at Mutated Child #1 at Generation # 32 : 0.6964288569437237  
FV at Mutated Child #2 at Generation # 32 : 0.7249960883061904  
--> Family: # 67

FV at Mutated Child #1 at Generation # 32 : 2.7380245605496323  
FV at Mutated Child #2 at Generation # 32 : 25.21245620085634  
--> Family: # 68

FV at Mutated Child #1 at Generation # 32 : 20.030437967458973  
FV at Mutated Child #2 at Generation # 32 : 8.491569428261144  
--> Family: # 69

FV at Mutated Child #1 at Generation # 32 : 20.774436830885648  
FV at Mutated Child #2 at Generation # 32 : 83.54701283249825  
--> Family: # 70

FV at Mutated Child #1 at Generation # 32 : 1.9789986396705017  
FV at Mutated Child #2 at Generation # 32 : 3.5344505555169135  
--> Family: # 71

FV at Mutated Child #1 at Generation # 32 : 14.242332766171117  
FV at Mutated Child #2 at Generation # 32 : 2.035732851008453  
--> Family: # 72

FV at Mutated Child #1 at Generation # 32 : 2.342163355286186  
FV at Mutated Child #2 at Generation # 32 : 0.9673770658483838  
--> Family: # 73

FV at Mutated Child #1 at Generation # 32 : 0.7886502319126429  
FV at Mutated Child #2 at Generation # 32 : 1.7518359915889334  
--> Family: # 74

FV at Mutated Child #1 at Generation # 32 : 4.07764322339606  
FV at Mutated Child #2 at Generation # 32 : 1.1122766350414115

--> Family: # 75

FV at Mutated Child #1 at Generation # 32 : 2.347184734513546

FV at Mutated Child #2 at Generation # 32 : 4.305096254192796

--> Family: # 76

FV at Mutated Child #1 at Generation # 32 : 0.6305254414849472

FV at Mutated Child #2 at Generation # 32 : 0.8580809846031968

--> Family: # 77

FV at Mutated Child #1 at Generation # 32 : 34.63644556102532

FV at Mutated Child #2 at Generation # 32 : 1.2369438988250026

--> Family: # 78

FV at Mutated Child #1 at Generation # 32 : 0.6356959009238234

FV at Mutated Child #2 at Generation # 32 : 0.8039505835852276

--> Family: # 79

FV at Mutated Child #1 at Generation # 32 : 1.1179426493544662

FV at Mutated Child #2 at Generation # 32 : 1.32922769832483

--> Family: # 80

FV at Mutated Child #1 at Generation # 32 : 398.00537200316603

FV at Mutated Child #2 at Generation # 32 : 257.50996236702616

--> Generation: # 33

--> Family: # 1

FV at Mutated Child #1 at Generation # 33 : 38.43111009918366

FV at Mutated Child #2 at Generation # 33 : 6.999104670135956

--> Family: # 2

FV at Mutated Child #1 at Generation # 33 : 1.5335850460280998

FV at Mutated Child #2 at Generation # 33 : 35.16107707502518

--> Family: # 3

FV at Mutated Child #1 at Generation # 33 : 161.7289609517036

FV at Mutated Child #2 at Generation # 33 : 158.58970728220268

--> Family: # 4

FV at Mutated Child #1 at Generation # 33 : 150.71294858675938

FV at Mutated Child #2 at Generation # 33 : 600.2948092944938

--> Family: # 5

FV at Mutated Child #1 at Generation # 33 : 35.63969851972251

FV at Mutated Child #2 at Generation # 33 : 4.150087045533982

--> Family: # 6

FV at Mutated Child #1 at Generation # 33 : 502.3198317513164

FV at Mutated Child #2 at Generation # 33 : 156.0512517938021

--> Family: # 7

FV at Mutated Child #1 at Generation # 33 : 27.895139794310715

FV at Mutated Child #2 at Generation # 33 : 3.9426764286303166

--> Family: # 8

FV at Mutated Child #1 at Generation # 33 : 7.160081906252712

FV at Mutated Child #2 at Generation # 33 : 3.330380251095693

--> Family: # 9

FV at Mutated Child #1 at Generation # 33 : 13.156037148381834

FV at Mutated Child #2 at Generation # 33 : 1.0487202611718263

--> Family: # 10

FV at Mutated Child #1 at Generation # 33 : 160.34656862839958

FV at Mutated Child #2 at Generation # 33 : 111.24941706890556

--> Family: # 11

FV at Mutated Child #1 at Generation # 33 : 4.934022635228887

FV at Mutated Child #2 at Generation # 33 : 97.17721151559272

--> Family: # 12

FV at Mutated Child #1 at Generation # 33 : 8.113683350637984

FV at Mutated Child #2 at Generation # 33 : 161.9619167689826

--> Family: # 13

FV at Mutated Child #1 at Generation # 33 : 2.263853672192799

FV at Mutated Child #2 at Generation # 33 : 1.4893696289560647

--> Family: # 14

FV at Mutated Child #1 at Generation # 33 : 533.7302164671676

FV at Mutated Child #2 at Generation # 33 : 42.08407445919512

--> Family: # 15

FV at Mutated Child #1 at Generation # 33 : 0.8895913374840283

FV at Mutated Child #2 at Generation # 33 : 161.47032804520083

--> Family: # 16

FV at Mutated Child #1 at Generation # 33 : 26.419487579917828

FV at Mutated Child #2 at Generation # 33 : 2.652305076015444

--> Family: # 17

FV at Mutated Child #1 at Generation # 33 : 8.842286917064305

FV at Mutated Child #2 at Generation # 33 : 1.7973726997100252

--> Family: # 18

FV at Mutated Child #1 at Generation # 33 : 134.71136405484955

FV at Mutated Child #2 at Generation # 33 : 8.772434683717478

--> Family: # 19

FV at Mutated Child #1 at Generation # 33 : 40.31387856320695

FV at Mutated Child #2 at Generation # 33 : 0.9387416940392744

--> Family: # 20

FV at Mutated Child #1 at Generation # 33 : 1.9497280776466819

FV at Mutated Child #2 at Generation # 33 : 32.17000837565546

--> Family: # 21

FV at Mutated Child #1 at Generation # 33 : 108.95076355462683

FV at Mutated Child #2 at Generation # 33 : 3.3422564891467372

--> Family: # 22

FV at Mutated Child #1 at Generation # 33 : 32.54193601302063

FV at Mutated Child #2 at Generation # 33 : 6.095242526193299

--> Family: # 23

FV at Mutated Child #1 at Generation # 33 : 162.16969715406356

FV at Mutated Child #2 at Generation # 33 : 9.504545191436451

--> Family: # 24

FV at Mutated Child #1 at Generation # 33 : 2.8163786224275364

FV at Mutated Child #2 at Generation # 33 : 23.084674427973194

--> Family: # 25

FV at Mutated Child #1 at Generation # 33 : 2453.1484978756876  
FV at Mutated Child #2 at Generation # 33 : 7.0006588032900945  
--> Family: # 26

FV at Mutated Child #1 at Generation # 33 : 41.02662577449631  
FV at Mutated Child #2 at Generation # 33 : 31.408117044936866  
--> Family: # 27

FV at Mutated Child #1 at Generation # 33 : 2.2610315149632827  
FV at Mutated Child #2 at Generation # 33 : 152.6921286918059  
--> Family: # 28

FV at Mutated Child #1 at Generation # 33 : 0.877451354592566  
FV at Mutated Child #2 at Generation # 33 : 6.120978443815023  
--> Family: # 29

FV at Mutated Child #1 at Generation # 33 : 0.820367591710942  
FV at Mutated Child #2 at Generation # 33 : 613.1342823272563  
--> Family: # 30

FV at Mutated Child #1 at Generation # 33 : 144.5961966538881  
FV at Mutated Child #2 at Generation # 33 : 0.6544025007744746  
--> Family: # 31

FV at Mutated Child #1 at Generation # 33 : 3.2515094583649904  
FV at Mutated Child #2 at Generation # 33 : 45.49921206288035  
--> Family: # 32

FV at Mutated Child #1 at Generation # 33 : 140.7257413183691  
FV at Mutated Child #2 at Generation # 33 : 6.858540836195337  
--> Family: # 33

FV at Mutated Child #1 at Generation # 33 : 160.8515833116851  
FV at Mutated Child #2 at Generation # 33 : 141.29510943122372  
--> Family: # 34

FV at Mutated Child #1 at Generation # 33 : 31.928565141753044  
FV at Mutated Child #2 at Generation # 33 : 6.246317846110366  
--> Family: # 35

FV at Mutated Child #1 at Generation # 33 : 3.0595491564818342  
FV at Mutated Child #2 at Generation # 33 : 113.86862245597678  
--> Family: # 36

FV at Mutated Child #1 at Generation # 33 : 1.3572228361775132  
FV at Mutated Child #2 at Generation # 33 : 161.1598348486134  
--> Family: # 37

FV at Mutated Child #1 at Generation # 33 : 2441.554908506494  
FV at Mutated Child #2 at Generation # 33 : 41.615127412120806  
--> Family: # 38

FV at Mutated Child #1 at Generation # 33 : 0.8781786352266268  
FV at Mutated Child #2 at Generation # 33 : 45.33559784798853  
--> Family: # 39

FV at Mutated Child #1 at Generation # 33 : 149.9180757701977  
FV at Mutated Child #2 at Generation # 33 : 8.562365258691173  
--> Family: # 40

FV at Mutated Child #1 at Generation # 33 : 10.818497420168397  
FV at Mutated Child #2 at Generation # 33 : 35.776817270190556  
--> Family: # 41

FV at Mutated Child #1 at Generation # 33 : 34.83851643407102  
FV at Mutated Child #2 at Generation # 33 : 2.7539982995768413  
--> Family: # 42

FV at Mutated Child #1 at Generation # 33 : 4.5748594838590915  
FV at Mutated Child #2 at Generation # 33 : 1.713357512090695  
--> Family: # 43

FV at Mutated Child #1 at Generation # 33 : 7.631744202994972  
FV at Mutated Child #2 at Generation # 33 : 4.627003699377024  
--> Family: # 44

FV at Mutated Child #1 at Generation # 33 : 0.8815942355196424  
FV at Mutated Child #2 at Generation # 33 : 36.418793436213925  
--> Family: # 45

FV at Mutated Child #1 at Generation # 33 : 5.647680592505206  
FV at Mutated Child #2 at Generation # 33 : 0.8655036053898961  
--> Family: # 46

FV at Mutated Child #1 at Generation # 33 : 159.56680308686396  
FV at Mutated Child #2 at Generation # 33 : 36.50443271390442  
--> Family: # 47

FV at Mutated Child #1 at Generation # 33 : 96.24221406747536  
FV at Mutated Child #2 at Generation # 33 : 120.28259248716732  
--> Family: # 48

FV at Mutated Child #1 at Generation # 33 : 1.3380690834268223  
FV at Mutated Child #2 at Generation # 33 : 5.910612801952912  
--> Family: # 49

FV at Mutated Child #1 at Generation # 33 : 550.9385203819553  
FV at Mutated Child #2 at Generation # 33 : 613.4252248853329  
--> Family: # 50

FV at Mutated Child #1 at Generation # 33 : 22.25613003754099  
FV at Mutated Child #2 at Generation # 33 : 1.8779600406282726  
--> Family: # 51

FV at Mutated Child #1 at Generation # 33 : 44.866196779252995  
FV at Mutated Child #2 at Generation # 33 : 1.713357512090695  
--> Family: # 52

FV at Mutated Child #1 at Generation # 33 : 126.82975174727669  
FV at Mutated Child #2 at Generation # 33 : 6.079446262502806  
--> Family: # 53

FV at Mutated Child #1 at Generation # 33 : 0.6490172363725598  
FV at Mutated Child #2 at Generation # 33 : 6.397463535620781  
--> Family: # 54

FV at Mutated Child #1 at Generation # 33 : 1.8974298285453295  
FV at Mutated Child #2 at Generation # 33 : 146.01598912912493  
--> Family: # 55

FV at Mutated Child #1 at Generation # 33 : 11.798008948673832

FV at Mutated Child #2 at Generation # 33 : 3.219985116456895  
--> Family: # 56

FV at Mutated Child #1 at Generation # 33 : 26.26447060564544  
FV at Mutated Child #2 at Generation # 33 : 32.550690212019674  
--> Family: # 57

FV at Mutated Child #1 at Generation # 33 : 150.4658555157629  
FV at Mutated Child #2 at Generation # 33 : 8.659858803994524  
--> Family: # 58

FV at Mutated Child #1 at Generation # 33 : 5.149583454775504  
FV at Mutated Child #2 at Generation # 33 : 0.991538124060009  
--> Family: # 59

FV at Mutated Child #1 at Generation # 33 : 2.3271111639412427  
FV at Mutated Child #2 at Generation # 33 : 10.37804399260279  
--> Family: # 60

FV at Mutated Child #1 at Generation # 33 : 137.650598214518  
FV at Mutated Child #2 at Generation # 33 : 25.124891001608834  
--> Family: # 61

FV at Mutated Child #1 at Generation # 33 : 132.18252057638864  
FV at Mutated Child #2 at Generation # 33 : 2.474771550482231  
--> Family: # 62

FV at Mutated Child #1 at Generation # 33 : 45.34812474669731  
FV at Mutated Child #2 at Generation # 33 : 170.84207821635752  
--> Family: # 63

FV at Mutated Child #1 at Generation # 33 : 496.0521765573663  
FV at Mutated Child #2 at Generation # 33 : 495.8045108787956  
--> Family: # 64

FV at Mutated Child #1 at Generation # 33 : 141.00572054156007  
FV at Mutated Child #2 at Generation # 33 : 40.25825445034114  
--> Family: # 65

FV at Mutated Child #1 at Generation # 33 : 4.785872781294906  
FV at Mutated Child #2 at Generation # 33 : 2.587443626069436  
--> Family: # 66

FV at Mutated Child #1 at Generation # 33 : 8.122563753904979  
FV at Mutated Child #2 at Generation # 33 : 2466.361823358838  
--> Family: # 67

FV at Mutated Child #1 at Generation # 33 : 33.43240494294202  
FV at Mutated Child #2 at Generation # 33 : 2.8844158610104937  
--> Family: # 68

FV at Mutated Child #1 at Generation # 33 : 0.988060622752499  
FV at Mutated Child #2 at Generation # 33 : 589.1987932795607  
--> Family: # 69

FV at Mutated Child #1 at Generation # 33 : 11.544562592346578  
FV at Mutated Child #2 at Generation # 33 : 19.985516767530296  
--> Family: # 70

FV at Mutated Child #1 at Generation # 33 : 2522.857841765233  
FV at Mutated Child #2 at Generation # 33 : 9.119788488960603

--> Family: # 71

FV at Mutated Child #1 at Generation # 33 : 7.127704499312282  
FV at Mutated Child #2 at Generation # 33 : 115.02002593803995

--> Family: # 72

FV at Mutated Child #1 at Generation # 33 : 117.00820020983025  
FV at Mutated Child #2 at Generation # 33 : 3.5483608924393417

--> Family: # 73

FV at Mutated Child #1 at Generation # 33 : 10.703086311147269  
FV at Mutated Child #2 at Generation # 33 : 12.060152177936196

--> Family: # 74

FV at Mutated Child #1 at Generation # 33 : 6.055562823217569  
FV at Mutated Child #2 at Generation # 33 : 0.9279229830288497

--> Family: # 75

FV at Mutated Child #1 at Generation # 33 : 8.65571947911203  
FV at Mutated Child #2 at Generation # 33 : 3.6767981396440526

--> Family: # 76

FV at Mutated Child #1 at Generation # 33 : 0.8301012029987221  
FV at Mutated Child #2 at Generation # 33 : 39.64621456579015

--> Family: # 77

FV at Mutated Child #1 at Generation # 33 : 1.8779600406282726  
FV at Mutated Child #2 at Generation # 33 : 2.587443626069436

--> Family: # 78

FV at Mutated Child #1 at Generation # 33 : 2.702911621237099  
FV at Mutated Child #2 at Generation # 33 : 0.8895913374840283

--> Family: # 79

FV at Mutated Child #1 at Generation # 33 : 41.18525715707095  
FV at Mutated Child #2 at Generation # 33 : 167.0407273496569

--> Family: # 80

FV at Mutated Child #1 at Generation # 33 : 40.3098908933  
FV at Mutated Child #2 at Generation # 33 : 1.4065337733028214

--> Generation: # 34

--> Family: # 1

FV at Mutated Child #1 at Generation # 34 : 42.97900831133564  
FV at Mutated Child #2 at Generation # 34 : 37.52875308097784

--> Family: # 2

FV at Mutated Child #1 at Generation # 34 : 9.190644825710153  
FV at Mutated Child #2 at Generation # 34 : 5.759038554050491

--> Family: # 3

FV at Mutated Child #1 at Generation # 34 : 2.2241852570261855  
FV at Mutated Child #2 at Generation # 34 : 1.1306977306416945

--> Family: # 4

FV at Mutated Child #1 at Generation # 34 : 472.24515440144404  
FV at Mutated Child #2 at Generation # 34 : 425.1088264861862

--> Family: # 5

FV at Mutated Child #1 at Generation # 34 : 1.7300080896081904  
FV at Mutated Child #2 at Generation # 34 : 0.6305254414849472



--> Family: # 6

FV at Mutated Child #1 at Generation # 34 : 4.427136032664561

FV at Mutated Child #2 at Generation # 34 : 601.0987171152044

--> Family: # 7

FV at Mutated Child #1 at Generation # 34 : 0.7907284907730565

FV at Mutated Child #2 at Generation # 34 : 7.8118341320131615

--> Family: # 8

FV at Mutated Child #1 at Generation # 34 : 10.057009261216498

FV at Mutated Child #2 at Generation # 34 : 1.7428743083345064

--> Family: # 9

FV at Mutated Child #1 at Generation # 34 : 23.157306574016275

FV at Mutated Child #2 at Generation # 34 : 0.6888563037730879

--> Family: # 10

FV at Mutated Child #1 at Generation # 34 : 30.158973159565686

FV at Mutated Child #2 at Generation # 34 : 2.926615828810155

--> Family: # 11

FV at Mutated Child #1 at Generation # 34 : 34.78761804175458

FV at Mutated Child #2 at Generation # 34 : 2393.456795059471

--> Family: # 12

FV at Mutated Child #1 at Generation # 34 : 0.6488285039952673

FV at Mutated Child #2 at Generation # 34 : 630.3707963967673

--> Family: # 13

FV at Mutated Child #1 at Generation # 34 : 3.8092355726536145

FV at Mutated Child #2 at Generation # 34 : 31.852627179397327

--> Family: # 14

FV at Mutated Child #1 at Generation # 34 : 2.1833194634456037

FV at Mutated Child #2 at Generation # 34 : 26.314233362031132

--> Family: # 15

FV at Mutated Child #1 at Generation # 34 : 4.719481605089789

FV at Mutated Child #2 at Generation # 34 : 24.201671187176657

--> Family: # 16

FV at Mutated Child #1 at Generation # 34 : 0.6667919260091678

FV at Mutated Child #2 at Generation # 34 : 0.8538307678816914

--> Family: # 17

FV at Mutated Child #1 at Generation # 34 : 0.7321884081449503

FV at Mutated Child #2 at Generation # 34 : 130.14727033483118

--> Family: # 18

FV at Mutated Child #1 at Generation # 34 : 0.684736830602864

FV at Mutated Child #2 at Generation # 34 : 0.806579765722109

--> Family: # 19

FV at Mutated Child #1 at Generation # 34 : 0.739426758655886

FV at Mutated Child #2 at Generation # 34 : 0.8905924858515162

--> Family: # 20

FV at Mutated Child #1 at Generation # 34 : 8.803248534429526

FV at Mutated Child #2 at Generation # 34 : 5.657933591791859

--> Family: # 21

FV at Mutated Child #1 at Generation # 34 : 33.833867176452635  
FV at Mutated Child #2 at Generation # 34 : 2.6227466025365764  
--> Family: # 22

FV at Mutated Child #1 at Generation # 34 : 1.5185778678752886  
FV at Mutated Child #2 at Generation # 34 : 2.2546533719052726  
--> Family: # 23

FV at Mutated Child #1 at Generation # 34 : 589.5690794715739  
FV at Mutated Child #2 at Generation # 34 : 1.533682670255931  
--> Family: # 24

FV at Mutated Child #1 at Generation # 34 : 9.835474083391906  
FV at Mutated Child #2 at Generation # 34 : 1.8057306554354011  
--> Family: # 25

FV at Mutated Child #1 at Generation # 34 : 7.4658423551995305  
FV at Mutated Child #2 at Generation # 34 : 0.9477537936454355  
--> Family: # 26

FV at Mutated Child #1 at Generation # 34 : 0.8863103126188919  
FV at Mutated Child #2 at Generation # 34 : 7.973519409315433  
--> Family: # 27

FV at Mutated Child #1 at Generation # 34 : 157.56479845318444  
FV at Mutated Child #2 at Generation # 34 : 6.12593308608943  
--> Family: # 28

FV at Mutated Child #1 at Generation # 34 : 5.48244790334809  
FV at Mutated Child #2 at Generation # 34 : 0.7249960883061904  
--> Family: # 29

FV at Mutated Child #1 at Generation # 34 : 2.0355458962733097  
FV at Mutated Child #2 at Generation # 34 : 0.6326001192960554  
--> Family: # 30

FV at Mutated Child #1 at Generation # 34 : 147.18880796368873  
FV at Mutated Child #2 at Generation # 34 : 20.706461345611206  
--> Family: # 31

FV at Mutated Child #1 at Generation # 34 : 40.81728384841816  
FV at Mutated Child #2 at Generation # 34 : 1.1771833459970555  
--> Family: # 32

FV at Mutated Child #1 at Generation # 34 : 33.981768823272475  
FV at Mutated Child #2 at Generation # 34 : 1.1808970657362654  
--> Family: # 33

FV at Mutated Child #1 at Generation # 34 : 1.7859534625363043  
FV at Mutated Child #2 at Generation # 34 : 22.190259262239003  
--> Family: # 34

FV at Mutated Child #1 at Generation # 34 : 47.26319306984916  
FV at Mutated Child #2 at Generation # 34 : 26.43990870672068  
--> Family: # 35

FV at Mutated Child #1 at Generation # 34 : 513.0604222355598  
FV at Mutated Child #2 at Generation # 34 : 26.069714376726473  
--> Family: # 36

FV at Mutated Child #1 at Generation # 34 : 16.44793084868694  
FV at Mutated Child #2 at Generation # 34 : 0.5094020670365494  
--> Family: # 37

FV at Mutated Child #1 at Generation # 34 : 140.82699819219377  
FV at Mutated Child #2 at Generation # 34 : 0.6870868914022138  
--> Family: # 38

FV at Mutated Child #1 at Generation # 34 : 581.6021763938207  
FV at Mutated Child #2 at Generation # 34 : 25.294599424619516  
--> Family: # 39

FV at Mutated Child #1 at Generation # 34 : 495.3458691333934  
FV at Mutated Child #2 at Generation # 34 : 0.6827585528472163  
--> Family: # 40

FV at Mutated Child #1 at Generation # 34 : 3.0357657536108102  
FV at Mutated Child #2 at Generation # 34 : 33.62651031483138  
--> Family: # 41

FV at Mutated Child #1 at Generation # 34 : 0.655056781434965  
FV at Mutated Child #2 at Generation # 34 : 1.3456017142286472  
--> Family: # 42

FV at Mutated Child #1 at Generation # 34 : 1.2316532002098965  
FV at Mutated Child #2 at Generation # 34 : 3.541745794709306  
--> Family: # 43

FV at Mutated Child #1 at Generation # 34 : 0.8174561425909014  
FV at Mutated Child #2 at Generation # 34 : 15.229989910133472  
--> Family: # 44

FV at Mutated Child #1 at Generation # 34 : 1.1808970657362654  
FV at Mutated Child #2 at Generation # 34 : 0.6296373221274368  
--> Family: # 45

FV at Mutated Child #1 at Generation # 34 : 32.048279415572935  
FV at Mutated Child #2 at Generation # 34 : 0.7253660421426571  
--> Family: # 46

FV at Mutated Child #1 at Generation # 34 : 17.678750154084916  
FV at Mutated Child #2 at Generation # 34 : 7.4021020542041756  
--> Family: # 47

FV at Mutated Child #1 at Generation # 34 : 3.877612582079017  
FV at Mutated Child #2 at Generation # 34 : 7.646155240465049  
--> Family: # 48

FV at Mutated Child #1 at Generation # 34 : 0.8900579474788917  
FV at Mutated Child #2 at Generation # 34 : 145.14365510314676  
--> Family: # 49

FV at Mutated Child #1 at Generation # 34 : 1.7919127441753462  
FV at Mutated Child #2 at Generation # 34 : 2395.1041460486827  
--> Family: # 50

FV at Mutated Child #1 at Generation # 34 : 4.158131511750934  
FV at Mutated Child #2 at Generation # 34 : 7.4658423551995305  
--> Family: # 51

FV at Mutated Child #1 at Generation # 34 : 21.937880681555438

FV at Mutated Child #2 at Generation # 34 : 4.4504414728408594  
--> Family: # 52

FV at Mutated Child #1 at Generation # 34 : 2.0071232199735065  
FV at Mutated Child #2 at Generation # 34 : 0.8518633555327428  
--> Family: # 53

FV at Mutated Child #1 at Generation # 34 : 0.6839374167924768  
FV at Mutated Child #2 at Generation # 34 : 27.704257517247445  
--> Family: # 54

FV at Mutated Child #1 at Generation # 34 : 6.021411330854128  
FV at Mutated Child #2 at Generation # 34 : 1.370871741122989  
--> Family: # 55

FV at Mutated Child #1 at Generation # 34 : 0.66521976067313  
FV at Mutated Child #2 at Generation # 34 : 1.188434769729612  
--> Family: # 56

FV at Mutated Child #1 at Generation # 34 : 26.12098854906568  
FV at Mutated Child #2 at Generation # 34 : 4.923191750760376  
--> Family: # 57

FV at Mutated Child #1 at Generation # 34 : 1.6188740366155074  
FV at Mutated Child #2 at Generation # 34 : 22.979557274896614  
--> Family: # 58

FV at Mutated Child #1 at Generation # 34 : 7.581614618499756  
FV at Mutated Child #2 at Generation # 34 : 23.913221896582627  
--> Family: # 59

FV at Mutated Child #1 at Generation # 34 : 26.813013768313102  
FV at Mutated Child #2 at Generation # 34 : 15.241294848101845  
--> Family: # 60

FV at Mutated Child #1 at Generation # 34 : 4.542166930270161  
FV at Mutated Child #2 at Generation # 34 : 18.351557598108382  
--> Family: # 61

FV at Mutated Child #1 at Generation # 34 : 1.2316532002098965  
FV at Mutated Child #2 at Generation # 34 : 2.9851832103188913  
--> Family: # 62

FV at Mutated Child #1 at Generation # 34 : 27.26866589161652  
FV at Mutated Child #2 at Generation # 34 : 2.677067401189298  
--> Family: # 63

FV at Mutated Child #1 at Generation # 34 : 17.928332583940076  
FV at Mutated Child #2 at Generation # 34 : 0.6997608675489638  
--> Family: # 64

FV at Mutated Child #1 at Generation # 34 : 17.14897022104793  
FV at Mutated Child #2 at Generation # 34 : 576.5129151032253  
--> Family: # 65

FV at Mutated Child #1 at Generation # 34 : 1946.0071400237543  
FV at Mutated Child #2 at Generation # 34 : 2524.275445483308  
--> Family: # 66

FV at Mutated Child #1 at Generation # 34 : 18.496248746300047  
FV at Mutated Child #2 at Generation # 34 : 0.7277006961550285

--> Family: # 67

FV at Mutated Child #1 at Generation # 34 : 4.742560191789133  
FV at Mutated Child #2 at Generation # 34 : 0.7173512386007287

--> Family: # 68

FV at Mutated Child #1 at Generation # 34 : 1.7814955563379693  
FV at Mutated Child #2 at Generation # 34 : 5.765491449882231

--> Family: # 69

FV at Mutated Child #1 at Generation # 34 : 1.4680024718230213  
FV at Mutated Child #2 at Generation # 34 : 19.095660456204236

--> Family: # 70

FV at Mutated Child #1 at Generation # 34 : 6.928299360645519  
FV at Mutated Child #2 at Generation # 34 : 5.683305083937988

--> Family: # 71

FV at Mutated Child #1 at Generation # 34 : 126.111531479354  
FV at Mutated Child #2 at Generation # 34 : 600.5880272505037

--> Family: # 72

FV at Mutated Child #1 at Generation # 34 : 7.553433705972561  
FV at Mutated Child #2 at Generation # 34 : 144.94643002687562

--> Family: # 73

FV at Mutated Child #1 at Generation # 34 : 1.1263485034176186  
FV at Mutated Child #2 at Generation # 34 : 2.0355458962733097

--> Family: # 74

FV at Mutated Child #1 at Generation # 34 : 154.9292046863822  
FV at Mutated Child #2 at Generation # 34 : 21.011505669890195

--> Family: # 75

FV at Mutated Child #1 at Generation # 34 : 13.536025036154463  
FV at Mutated Child #2 at Generation # 34 : 561.6401430485439

--> Family: # 76

FV at Mutated Child #1 at Generation # 34 : 13.192122285655037  
FV at Mutated Child #2 at Generation # 34 : 2.4998241330788833

--> Family: # 77

FV at Mutated Child #1 at Generation # 34 : 3.111721457910074  
FV at Mutated Child #2 at Generation # 34 : 70.35601638789129

--> Family: # 78

FV at Mutated Child #1 at Generation # 34 : 118.8600650489267  
FV at Mutated Child #2 at Generation # 34 : 12.045225535921174

--> Family: # 79

FV at Mutated Child #1 at Generation # 34 : 6.96426663514666  
FV at Mutated Child #2 at Generation # 34 : 43.41145441279996

--> Family: # 80

FV at Mutated Child #1 at Generation # 34 : 506.38822968216357  
FV at Mutated Child #2 at Generation # 34 : 374.4346348214175

--> Generation: # 35

--> Family: # 1

FV at Mutated Child #1 at Generation # 35 : 27.82159420595835  
FV at Mutated Child #2 at Generation # 35 : 138.98834500182426

--> Family: # 2

FV at Mutated Child #1 at Generation # 35 : 1.5335850460280998

FV at Mutated Child #2 at Generation # 35 : 613.6816090210434

--> Family: # 3

FV at Mutated Child #1 at Generation # 35 : 5.186779418320196

FV at Mutated Child #2 at Generation # 35 : 18.339774332975466

--> Family: # 4

FV at Mutated Child #1 at Generation # 35 : 9.469424850139486

FV at Mutated Child #2 at Generation # 35 : 8.002190935469944

--> Family: # 5

FV at Mutated Child #1 at Generation # 35 : 4.18519708515722

FV at Mutated Child #2 at Generation # 35 : 138.10450696378825

--> Family: # 6

FV at Mutated Child #1 at Generation # 35 : 588.5526211195818

FV at Mutated Child #2 at Generation # 35 : 133.91318415468183

--> Family: # 7

FV at Mutated Child #1 at Generation # 35 : 0.830870498475121

FV at Mutated Child #2 at Generation # 35 : 0.9747086261052125

--> Family: # 8

FV at Mutated Child #1 at Generation # 35 : 2337.4598957841713

FV at Mutated Child #2 at Generation # 35 : 2111.785444943425

--> Family: # 9

FV at Mutated Child #1 at Generation # 35 : 11.014317943193468

FV at Mutated Child #2 at Generation # 35 : 12.444917625975053

--> Family: # 10

FV at Mutated Child #1 at Generation # 35 : 14.250742001249757

FV at Mutated Child #2 at Generation # 35 : 2.1517409969209464

--> Family: # 11

FV at Mutated Child #1 at Generation # 35 : 10.244690511352374

FV at Mutated Child #2 at Generation # 35 : 1.37743104075068

--> Family: # 12

FV at Mutated Child #1 at Generation # 35 : 512.9468248038581

FV at Mutated Child #2 at Generation # 35 : 32.53580363185668

--> Family: # 13

FV at Mutated Child #1 at Generation # 35 : 6.178001700612508

FV at Mutated Child #2 at Generation # 35 : 4.30762036005637

--> Family: # 14

FV at Mutated Child #1 at Generation # 35 : 12.197958831408974

FV at Mutated Child #2 at Generation # 35 : 1.1282508786120444

--> Family: # 15

FV at Mutated Child #1 at Generation # 35 : 518.8612554019949

FV at Mutated Child #2 at Generation # 35 : 92.0699353416993

--> Family: # 16

FV at Mutated Child #1 at Generation # 35 : 1.7725579726404983

FV at Mutated Child #2 at Generation # 35 : 0.8907509094064434

--> Family: # 17

FV at Mutated Child #1 at Generation # 35 : 1.8073746087209217  
FV at Mutated Child #2 at Generation # 35 : 1.8179000802235654  
--> Family: # 18

FV at Mutated Child #1 at Generation # 35 : 128.56772443316947  
FV at Mutated Child #2 at Generation # 35 : 3.561161815714212  
--> Family: # 19

FV at Mutated Child #1 at Generation # 35 : 0.8337765951721297  
FV at Mutated Child #2 at Generation # 35 : 0.9387416940392744  
--> Family: # 20

FV at Mutated Child #1 at Generation # 35 : 8.097524142400598  
FV at Mutated Child #2 at Generation # 35 : 568.2524933369737  
--> Family: # 21

FV at Mutated Child #1 at Generation # 35 : 13.448203580632539  
FV at Mutated Child #2 at Generation # 35 : 35.20009064316144  
--> Family: # 22

FV at Mutated Child #1 at Generation # 35 : 616.1022707957433  
FV at Mutated Child #2 at Generation # 35 : 612.8209320575489  
--> Family: # 23

FV at Mutated Child #1 at Generation # 35 : 1.8041555078146319  
FV at Mutated Child #2 at Generation # 35 : 6.754610937505584  
--> Family: # 24

FV at Mutated Child #1 at Generation # 35 : 2.0684871966561356  
FV at Mutated Child #2 at Generation # 35 : 35.207944390014504  
--> Family: # 25

FV at Mutated Child #1 at Generation # 35 : 65.94452986562058  
FV at Mutated Child #2 at Generation # 35 : 496.826892699922  
--> Family: # 26

FV at Mutated Child #1 at Generation # 35 : 139.94671955051425  
FV at Mutated Child #2 at Generation # 35 : 42.2425033549116  
--> Family: # 27

FV at Mutated Child #1 at Generation # 35 : 123.59230184495492  
FV at Mutated Child #2 at Generation # 35 : 13.86663860857704  
--> Family: # 28

FV at Mutated Child #1 at Generation # 35 : 501.7730714509105  
FV at Mutated Child #2 at Generation # 35 : 18.263785491801613  
--> Family: # 29

FV at Mutated Child #1 at Generation # 35 : 22.769101930488628  
FV at Mutated Child #2 at Generation # 35 : 84.91212266094061  
--> Family: # 30

FV at Mutated Child #1 at Generation # 35 : 144.35479248596437  
FV at Mutated Child #2 at Generation # 35 : 4.30762036005637  
--> Family: # 31

FV at Mutated Child #1 at Generation # 35 : 10.58478640253161  
FV at Mutated Child #2 at Generation # 35 : 0.8126611449656267  
--> Family: # 32

FV at Mutated Child #1 at Generation # 35 : 1.109157545382489  
FV at Mutated Child #2 at Generation # 35 : 2255.651966118688  
--> Family: # 33

FV at Mutated Child #1 at Generation # 35 : 3.841770320932798  
FV at Mutated Child #2 at Generation # 35 : 12.444917625975053  
--> Family: # 34

FV at Mutated Child #1 at Generation # 35 : 510.4081358885801  
FV at Mutated Child #2 at Generation # 35 : 58.90956194445309  
--> Family: # 35

FV at Mutated Child #1 at Generation # 35 : 2322.201208172216  
FV at Mutated Child #2 at Generation # 35 : 2271.8599854930308  
--> Family: # 36

FV at Mutated Child #1 at Generation # 35 : 23.433184966247364  
FV at Mutated Child #2 at Generation # 35 : 1.3646258851402213  
--> Family: # 37

FV at Mutated Child #1 at Generation # 35 : 6.022870346322743  
FV at Mutated Child #2 at Generation # 35 : 1.6916459844368013  
--> Family: # 38

FV at Mutated Child #1 at Generation # 35 : 34.5548931887392  
FV at Mutated Child #2 at Generation # 35 : 1.4831230778492985  
--> Family: # 39

FV at Mutated Child #1 at Generation # 35 : 127.9216238306386  
FV at Mutated Child #2 at Generation # 35 : 13.50336778779401  
--> Family: # 40

FV at Mutated Child #1 at Generation # 35 : 28.966978288001904  
FV at Mutated Child #2 at Generation # 35 : 7.101931314653511  
--> Family: # 41

FV at Mutated Child #1 at Generation # 35 : 8.78581524757397  
FV at Mutated Child #2 at Generation # 35 : 2.023218418161613  
--> Family: # 42

FV at Mutated Child #1 at Generation # 35 : 42.70315775373125  
FV at Mutated Child #2 at Generation # 35 : 18.061094714657155  
--> Family: # 43

FV at Mutated Child #1 at Generation # 35 : 128.51349321283658  
FV at Mutated Child #2 at Generation # 35 : 4.116806363239487  
--> Family: # 44

FV at Mutated Child #1 at Generation # 35 : 5.956996585079529  
FV at Mutated Child #2 at Generation # 35 : 2.160078368566583  
--> Family: # 45

FV at Mutated Child #1 at Generation # 35 : 97.6920871563437  
FV at Mutated Child #2 at Generation # 35 : 3.798960002459884  
--> Family: # 46

FV at Mutated Child #1 at Generation # 35 : 10.858269679053125  
FV at Mutated Child #2 at Generation # 35 : 11.896025930127003  
--> Family: # 47

FV at Mutated Child #1 at Generation # 35 : 8.09802864494859



FV at Mutated Child #2 at Generation # 35 : 10.320344571326217

--> Family: # 48

FV at Mutated Child #1 at Generation # 35 : 1.0777321231468533

FV at Mutated Child #2 at Generation # 35 : 8.612187976262902

--> Family: # 49

FV at Mutated Child #1 at Generation # 35 : 2.937476100051185

FV at Mutated Child #2 at Generation # 35 : 9.211501482589894

--> Family: # 50

FV at Mutated Child #1 at Generation # 35 : 169.4049805181182

FV at Mutated Child #2 at Generation # 35 : 1.8979373461061733

--> Family: # 51

FV at Mutated Child #1 at Generation # 35 : 1.182267117972134

FV at Mutated Child #2 at Generation # 35 : 4.184669297693867

--> Family: # 52

FV at Mutated Child #1 at Generation # 35 : 2.0730919987149923

FV at Mutated Child #2 at Generation # 35 : 8.75794347467262

--> Family: # 53

FV at Mutated Child #1 at Generation # 35 : 8.345363257237842

FV at Mutated Child #2 at Generation # 35 : 4.930073707420085

--> Family: # 54

FV at Mutated Child #1 at Generation # 35 : 3.2515094583649904

FV at Mutated Child #2 at Generation # 35 : 23.270163918220323

--> Family: # 55

FV at Mutated Child #1 at Generation # 35 : 1.729132925555398

FV at Mutated Child #2 at Generation # 35 : 3.2515094583649904

--> Family: # 56

FV at Mutated Child #1 at Generation # 35 : 87.55499442187681

FV at Mutated Child #2 at Generation # 35 : 5.3475207432942655

--> Family: # 57

FV at Mutated Child #1 at Generation # 35 : 604.0186395712974

FV at Mutated Child #2 at Generation # 35 : 1.5185809836702955

--> Family: # 58

FV at Mutated Child #1 at Generation # 35 : 1.5414057265871655

FV at Mutated Child #2 at Generation # 35 : 393.43474509402046

--> Family: # 59

FV at Mutated Child #1 at Generation # 35 : 9.99315946423642

FV at Mutated Child #2 at Generation # 35 : 1.5705440465619978

--> Family: # 60

FV at Mutated Child #1 at Generation # 35 : 4.969575455112987

FV at Mutated Child #2 at Generation # 35 : 3.503991563793644

--> Family: # 61

FV at Mutated Child #1 at Generation # 35 : 10.362551172274411

FV at Mutated Child #2 at Generation # 35 : 39.19031466034303

--> Family: # 62

FV at Mutated Child #1 at Generation # 35 : 35.49548238048977

FV at Mutated Child #2 at Generation # 35 : 613.7607662669733

--> Family: # 63

FV at Mutated Child #1 at Generation # 35 : 0.8758135910702316

FV at Mutated Child #2 at Generation # 35 : 3.0866981271570886

--> Family: # 64

FV at Mutated Child #1 at Generation # 35 : 0.7377899088760034

FV at Mutated Child #2 at Generation # 35 : 0.810856789007459

--> Family: # 65

FV at Mutated Child #1 at Generation # 35 : 23.975268750722236

FV at Mutated Child #2 at Generation # 35 : 49.17414307768397

--> Family: # 66

FV at Mutated Child #1 at Generation # 35 : 174.88573265841296

FV at Mutated Child #2 at Generation # 35 : 106.89378977416523

--> Family: # 67

FV at Mutated Child #1 at Generation # 35 : 1.476768588949657

FV at Mutated Child #2 at Generation # 35 : 131.6231190368519

--> Family: # 68

FV at Mutated Child #1 at Generation # 35 : 612.8209320575489

FV at Mutated Child #2 at Generation # 35 : 8.089751378921989

--> Family: # 69

FV at Mutated Child #1 at Generation # 35 : 1.565486539794728

FV at Mutated Child #2 at Generation # 35 : 2.7539982995768413

--> Family: # 70

FV at Mutated Child #1 at Generation # 35 : 8.424769902542996

FV at Mutated Child #2 at Generation # 35 : 28.625479951515395

--> Family: # 71

FV at Mutated Child #1 at Generation # 35 : 4.3248627385947565

FV at Mutated Child #2 at Generation # 35 : 1.5049402841220614

--> Family: # 72

FV at Mutated Child #1 at Generation # 35 : 629.904072537532

FV at Mutated Child #2 at Generation # 35 : 565.3213572493917

--> Family: # 73

FV at Mutated Child #1 at Generation # 35 : 121.57624751722496

FV at Mutated Child #2 at Generation # 35 : 3.474830371998776

--> Family: # 74

FV at Mutated Child #1 at Generation # 35 : 149.6721777805572

FV at Mutated Child #2 at Generation # 35 : 5.243429247907038

--> Family: # 75

FV at Mutated Child #1 at Generation # 35 : 33.77914079536307

FV at Mutated Child #2 at Generation # 35 : 36.4649635825323

--> Family: # 76

FV at Mutated Child #1 at Generation # 35 : 10.419422776470807

FV at Mutated Child #2 at Generation # 35 : 9.646108413914778

--> Family: # 77

FV at Mutated Child #1 at Generation # 35 : 33.50775651089229

FV at Mutated Child #2 at Generation # 35 : 612.4730667096741

--> Family: # 78

FV at Mutated Child #1 at Generation # 35 : 1.4358386524438376  
FV at Mutated Child #2 at Generation # 35 : 13.47397572264072  
--> Family: # 79

FV at Mutated Child #1 at Generation # 35 : 4.369835714858843  
FV at Mutated Child #2 at Generation # 35 : 26.108042699111582  
--> Family: # 80

FV at Mutated Child #1 at Generation # 35 : 7.097631399943891  
FV at Mutated Child #2 at Generation # 35 : 6.75487106436855  
--> Generation: # 36  
--> Family: # 1

FV at Mutated Child #1 at Generation # 36 : 0.7152552382660181  
FV at Mutated Child #2 at Generation # 36 : 21.481564373180127  
--> Family: # 2

FV at Mutated Child #1 at Generation # 36 : 1.6764683920098138  
FV at Mutated Child #2 at Generation # 36 : 21.392331292472594  
--> Family: # 3

FV at Mutated Child #1 at Generation # 36 : 1.7859534625363043  
FV at Mutated Child #2 at Generation # 36 : 7.551536207331683  
--> Family: # 4

FV at Mutated Child #1 at Generation # 36 : 3.9592560914812345  
FV at Mutated Child #2 at Generation # 36 : 0.9788171536578929  
--> Family: # 5

FV at Mutated Child #1 at Generation # 36 : 508.0808819491104  
FV at Mutated Child #2 at Generation # 36 : 0.966961145295738  
--> Family: # 6

FV at Mutated Child #1 at Generation # 36 : 1.3116223754442538  
FV at Mutated Child #2 at Generation # 36 : 90.0544458182116  
--> Family: # 7

FV at Mutated Child #1 at Generation # 36 : 29.025722822006433  
FV at Mutated Child #2 at Generation # 36 : 0.6866940270927102  
--> Family: # 8

FV at Mutated Child #1 at Generation # 36 : 18.529627182935528  
FV at Mutated Child #2 at Generation # 36 : 0.6665647738404769  
--> Family: # 9

FV at Mutated Child #1 at Generation # 36 : 483.70908881486156  
FV at Mutated Child #2 at Generation # 36 : 19.58879148374504  
--> Family: # 10

FV at Mutated Child #1 at Generation # 36 : 115.24341612193355  
FV at Mutated Child #2 at Generation # 36 : 28.0226625577239  
--> Family: # 11

FV at Mutated Child #1 at Generation # 36 : 0.7156793608864761  
FV at Mutated Child #2 at Generation # 36 : 2.5156513202333137  
--> Family: # 12

FV at Mutated Child #1 at Generation # 36 : 75.76412949301243  
FV at Mutated Child #2 at Generation # 36 : 2.9560030248969524  
--> Family: # 13

FV at Mutated Child #1 at Generation # 36 : 3.8269055679708726  
FV at Mutated Child #2 at Generation # 36 : 2.7683312584608926  
--> Family: # 14

FV at Mutated Child #1 at Generation # 36 : 1.1024351699108201  
FV at Mutated Child #2 at Generation # 36 : 0.6483960271413589  
--> Family: # 15

FV at Mutated Child #1 at Generation # 36 : 0.6995502994227071  
FV at Mutated Child #2 at Generation # 36 : 31.32468797528527  
--> Family: # 16

FV at Mutated Child #1 at Generation # 36 : 0.7539133846443744  
FV at Mutated Child #2 at Generation # 36 : 4.342604130590605  
--> Family: # 17

FV at Mutated Child #1 at Generation # 36 : 0.851686653690088  
FV at Mutated Child #2 at Generation # 36 : 598.6651631884497  
--> Family: # 18

FV at Mutated Child #1 at Generation # 36 : 2524.9025008440804  
FV at Mutated Child #2 at Generation # 36 : 4.324295919889639  
--> Family: # 19

FV at Mutated Child #1 at Generation # 36 : 1.9454116527542382  
FV at Mutated Child #2 at Generation # 36 : 130.95671501032913  
--> Family: # 20

FV at Mutated Child #1 at Generation # 36 : 27.046450558832014  
FV at Mutated Child #2 at Generation # 36 : 0.7768346412766152  
--> Family: # 21

FV at Mutated Child #1 at Generation # 36 : 31.75684073895891  
FV at Mutated Child #2 at Generation # 36 : 3.0103184469721573  
--> Family: # 22

FV at Mutated Child #1 at Generation # 36 : 5.630700662908408  
FV at Mutated Child #2 at Generation # 36 : 121.44815831209998  
--> Family: # 23

FV at Mutated Child #1 at Generation # 36 : 5.657933591791859  
FV at Mutated Child #2 at Generation # 36 : 2.8287029550121687  
--> Family: # 24

FV at Mutated Child #1 at Generation # 36 : 5.037914196245677  
FV at Mutated Child #2 at Generation # 36 : 3.2664915158625245  
--> Family: # 25

FV at Mutated Child #1 at Generation # 36 : 126.04091693359935  
FV at Mutated Child #2 at Generation # 36 : 0.7265423385240877  
--> Family: # 26

FV at Mutated Child #1 at Generation # 36 : 34.399068540995174  
FV at Mutated Child #2 at Generation # 36 : 130.4542865768447  
--> Family: # 27

FV at Mutated Child #1 at Generation # 36 : 140.08607866600238  
FV at Mutated Child #2 at Generation # 36 : 5.9900883754520615  
--> Family: # 28

FV at Mutated Child #1 at Generation # 36 : 1.0934436634509996  
FV at Mutated Child #2 at Generation # 36 : 4.936796384773257  
--> Family: # 29

FV at Mutated Child #1 at Generation # 36 : 19.015348284046738  
FV at Mutated Child #2 at Generation # 36 : 3.554217368842213  
--> Family: # 30

FV at Mutated Child #1 at Generation # 36 : 28.076073546744936  
FV at Mutated Child #2 at Generation # 36 : 639.4162221961743  
--> Family: # 31

FV at Mutated Child #1 at Generation # 36 : 343.393430600636  
FV at Mutated Child #2 at Generation # 36 : 7.981155278487255  
--> Family: # 32

FV at Mutated Child #1 at Generation # 36 : 5.842812386320686  
FV at Mutated Child #2 at Generation # 36 : 2.7533534720276207  
--> Family: # 33

FV at Mutated Child #1 at Generation # 36 : 1.5044531444676426  
FV at Mutated Child #2 at Generation # 36 : 114.98058117868541  
--> Family: # 34

FV at Mutated Child #1 at Generation # 36 : 2.074132742536458  
FV at Mutated Child #2 at Generation # 36 : 132.57989844388453  
--> Family: # 35

FV at Mutated Child #1 at Generation # 36 : 4.542166930270161  
FV at Mutated Child #2 at Generation # 36 : 591.3480052539712  
--> Family: # 36

FV at Mutated Child #1 at Generation # 36 : 2.9653328452317083  
FV at Mutated Child #2 at Generation # 36 : 1.5655623113200263  
--> Family: # 37

FV at Mutated Child #1 at Generation # 36 : 578.744851863028  
FV at Mutated Child #2 at Generation # 36 : 6.122068490365553  
--> Family: # 38

FV at Mutated Child #1 at Generation # 36 : 27.60439198770026  
FV at Mutated Child #2 at Generation # 36 : 401.744764028053  
--> Family: # 39

FV at Mutated Child #1 at Generation # 36 : 1.4322974239442394  
FV at Mutated Child #2 at Generation # 36 : 0.675258510025248  
--> Family: # 40

FV at Mutated Child #1 at Generation # 36 : 2.1782511439348937  
FV at Mutated Child #2 at Generation # 36 : 109.56599913671482  
--> Family: # 41

FV at Mutated Child #1 at Generation # 36 : 8.615652625825641  
FV at Mutated Child #2 at Generation # 36 : 4.498382686006943  
--> Family: # 42

FV at Mutated Child #1 at Generation # 36 : 26.02453271605178  
FV at Mutated Child #2 at Generation # 36 : 0.6241086986071667  
--> Family: # 43

FV at Mutated Child #1 at Generation # 36 : 2.972958240556798

FV at Mutated Child #2 at Generation # 36 : 0.7816280685374403

--> Family: # 44

FV at Mutated Child #1 at Generation # 36 : 101.12972254802692

FV at Mutated Child #2 at Generation # 36 : 2454.920978624326

--> Family: # 45

FV at Mutated Child #1 at Generation # 36 : 600.52176515713

FV at Mutated Child #2 at Generation # 36 : 33.693312075308896

--> Family: # 46

FV at Mutated Child #1 at Generation # 36 : 51.9468583814445

FV at Mutated Child #2 at Generation # 36 : 16.686255927546718

--> Family: # 47

FV at Mutated Child #1 at Generation # 36 : 1.1294786209315417

FV at Mutated Child #2 at Generation # 36 : 595.9114875007588

--> Family: # 48

FV at Mutated Child #1 at Generation # 36 : 2.4762768639685735

FV at Mutated Child #2 at Generation # 36 : 26.702051050873884

--> Family: # 49

FV at Mutated Child #1 at Generation # 36 : 4.436629015991107

FV at Mutated Child #2 at Generation # 36 : 8.008250908738152

--> Family: # 50

FV at Mutated Child #1 at Generation # 36 : 96.5485488228618

FV at Mutated Child #2 at Generation # 36 : 5.4948178834679515

--> Family: # 51

FV at Mutated Child #1 at Generation # 36 : 548.8593738549902

FV at Mutated Child #2 at Generation # 36 : 2.1521278167191835

--> Family: # 52

FV at Mutated Child #1 at Generation # 36 : 25.713982664079417

FV at Mutated Child #2 at Generation # 36 : 5.006053001137926

--> Family: # 53

FV at Mutated Child #1 at Generation # 36 : 1978.5192653022189

FV at Mutated Child #2 at Generation # 36 : 1960.3019119125022

--> Family: # 54

FV at Mutated Child #1 at Generation # 36 : 0.6471819328834709

FV at Mutated Child #2 at Generation # 36 : 2.664528030279166

--> Family: # 55

FV at Mutated Child #1 at Generation # 36 : 7.981155278487255

FV at Mutated Child #2 at Generation # 36 : 0.6559312014203265

--> Family: # 56

FV at Mutated Child #1 at Generation # 36 : 465.41098632173265

FV at Mutated Child #2 at Generation # 36 : 471.12764831637287

--> Family: # 57

FV at Mutated Child #1 at Generation # 36 : 129.6824271520677

FV at Mutated Child #2 at Generation # 36 : 2229.9649801566943

--> Family: # 58

FV at Mutated Child #1 at Generation # 36 : 27.297228112622605

FV at Mutated Child #2 at Generation # 36 : 6.481769058887578

--> Family: # 59

FV at Mutated Child #1 at Generation # 36 : 4.6788603791950765

FV at Mutated Child #2 at Generation # 36 : 0.7616663001747217

--> Family: # 60

FV at Mutated Child #1 at Generation # 36 : 5.462328362559991

FV at Mutated Child #2 at Generation # 36 : 1.3998872618559326

--> Family: # 61

FV at Mutated Child #1 at Generation # 36 : 595.67681110173

FV at Mutated Child #2 at Generation # 36 : 463.1538669121839

--> Family: # 62

FV at Mutated Child #1 at Generation # 36 : 2.41750767407245

FV at Mutated Child #2 at Generation # 36 : 3.969546964266263

--> Family: # 63

FV at Mutated Child #1 at Generation # 36 : 0.9416140383852762

FV at Mutated Child #2 at Generation # 36 : 0.7062571418378579

--> Family: # 64

FV at Mutated Child #1 at Generation # 36 : 3.2131855444673487

FV at Mutated Child #2 at Generation # 36 : 2.272742583743337

--> Family: # 65

FV at Mutated Child #1 at Generation # 36 : 4.44559899510894

FV at Mutated Child #2 at Generation # 36 : 6.904995103254565

--> Family: # 66

FV at Mutated Child #1 at Generation # 36 : 6.7837535547625745

FV at Mutated Child #2 at Generation # 36 : 2524.9025008440804

--> Family: # 67

FV at Mutated Child #1 at Generation # 36 : 3.4389610458915394

FV at Mutated Child #2 at Generation # 36 : 603.4008668983546

--> Family: # 68

FV at Mutated Child #1 at Generation # 36 : 23.76575156556891

FV at Mutated Child #2 at Generation # 36 : 0.655056781434965

--> Family: # 69

FV at Mutated Child #1 at Generation # 36 : 3.0595491564818342

FV at Mutated Child #2 at Generation # 36 : 1.6287224460968825

--> Family: # 70

FV at Mutated Child #1 at Generation # 36 : 1499.9712120000095

FV at Mutated Child #2 at Generation # 36 : 0.7380736721794168

--> Family: # 71

FV at Mutated Child #1 at Generation # 36 : 0.7066820975504007

FV at Mutated Child #2 at Generation # 36 : 14.2880948982296

--> Family: # 72

FV at Mutated Child #1 at Generation # 36 : 19.970794441942004

FV at Mutated Child #2 at Generation # 36 : 27.695541939232097

--> Family: # 73

FV at Mutated Child #1 at Generation # 36 : 0.7097803608986489

FV at Mutated Child #2 at Generation # 36 : 127.23767307606408

--> Family: # 74

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FV at Mutated Child #1 at Generation # 36 : 1.5532808233997812
FV at Mutated Child #2 at Generation # 36 : 9.868849829653914
--> Family: # 75

FV at Mutated Child #1 at Generation # 36 : 7.200630902640198
FV at Mutated Child #2 at Generation # 36 : 22.971542987166014
--> Family: # 76

FV at Mutated Child #1 at Generation # 36 : 1.3989586376064098
FV at Mutated Child #2 at Generation # 36 : 0.7201020869000858
--> Family: # 77

FV at Mutated Child #1 at Generation # 36 : 133.41056842597482
FV at Mutated Child #2 at Generation # 36 : 0.6484469022925862
--> Family: # 78

FV at Mutated Child #1 at Generation # 36 : 109.49702364233738
FV at Mutated Child #2 at Generation # 36 : 0.8291055039823658
--> Family: # 79

FV at Mutated Child #1 at Generation # 36 : 14.462898693600074
FV at Mutated Child #2 at Generation # 36 : 1.7557669888753176
--> Family: # 80

FV at Mutated Child #1 at Generation # 36 : 10.395754374599193
FV at Mutated Child #2 at Generation # 36 : 89.37857769961553
--> Generation: # 37
--> Family: # 1

FV at Mutated Child #1 at Generation # 37 : 8.998222312883927
FV at Mutated Child #2 at Generation # 37 : 27.12153555153817
--> Family: # 2

FV at Mutated Child #1 at Generation # 37 : 39.29358312148872
FV at Mutated Child #2 at Generation # 37 : 39.526401011848364
--> Family: # 3

FV at Mutated Child #1 at Generation # 37 : 1.2686603325221064
FV at Mutated Child #2 at Generation # 37 : 5.4539760607127725
--> Family: # 4

FV at Mutated Child #1 at Generation # 37 : 396.13679912443735
FV at Mutated Child #2 at Generation # 37 : 452.6229740137582
--> Family: # 5

FV at Mutated Child #1 at Generation # 37 : 14.773576117475145
FV at Mutated Child #2 at Generation # 37 : 1.399478494399483
--> Family: # 6

FV at Mutated Child #1 at Generation # 37 : 3.1644549606131207
FV at Mutated Child #2 at Generation # 37 : 0.9047199709080187
--> Family: # 7

FV at Mutated Child #1 at Generation # 37 : 20.813315590527314
FV at Mutated Child #2 at Generation # 37 : 1.667264435908745
--> Family: # 8

FV at Mutated Child #1 at Generation # 37 : 20.462167228781343
FV at Mutated Child #2 at Generation # 37 : 567.9836187790376
--> Family: # 9
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FV at Mutated Child #1 at Generation # 37 : 41.80640801764642  
FV at Mutated Child #2 at Generation # 37 : 41.80640801764642  
--> Family: # 10

FV at Mutated Child #1 at Generation # 37 : 5.367210839910428  
FV at Mutated Child #2 at Generation # 37 : 0.8579943184031148  
--> Family: # 11

FV at Mutated Child #1 at Generation # 37 : 1.2433955447720362  
FV at Mutated Child #2 at Generation # 37 : 2.017637482500372  
--> Family: # 12

FV at Mutated Child #1 at Generation # 37 : 33.663550466198295  
FV at Mutated Child #2 at Generation # 37 : 13.955990927481382  
--> Family: # 13

FV at Mutated Child #1 at Generation # 37 : 70.27082056293023  
FV at Mutated Child #2 at Generation # 37 : 2.8787145349068104  
--> Family: # 14

FV at Mutated Child #1 at Generation # 37 : 4.618238780858333  
FV at Mutated Child #2 at Generation # 37 : 12.732185198527834  
--> Family: # 15

FV at Mutated Child #1 at Generation # 37 : 23.576099825946145  
FV at Mutated Child #2 at Generation # 37 : 3.1629487262520875  
--> Family: # 16

FV at Mutated Child #1 at Generation # 37 : 166.96233645554693  
FV at Mutated Child #2 at Generation # 37 : 553.7493350306685  
--> Family: # 17

FV at Mutated Child #1 at Generation # 37 : 0.8647965382331374  
FV at Mutated Child #2 at Generation # 37 : 4.231454206972965  
--> Family: # 18

FV at Mutated Child #1 at Generation # 37 : 6.401030935841428  
FV at Mutated Child #2 at Generation # 37 : 622.8775736478079  
--> Family: # 19

FV at Mutated Child #1 at Generation # 37 : 1.615143065419267  
FV at Mutated Child #2 at Generation # 37 : 153.5218541579962  
--> Family: # 20

FV at Mutated Child #1 at Generation # 37 : 35.6549330026987  
FV at Mutated Child #2 at Generation # 37 : 8.927725448308863  
--> Family: # 21

FV at Mutated Child #1 at Generation # 37 : 29.595169148543153  
FV at Mutated Child #2 at Generation # 37 : 3.5727563443224177  
--> Family: # 22

FV at Mutated Child #1 at Generation # 37 : 25.980433157364015  
FV at Mutated Child #2 at Generation # 37 : 17.214189214841998  
--> Family: # 23

FV at Mutated Child #1 at Generation # 37 : 40.37279365814377  
FV at Mutated Child #2 at Generation # 37 : 31.703609023061336  
--> Family: # 24

FV at Mutated Child #1 at Generation # 37 : 39.838448252479495  
FV at Mutated Child #2 at Generation # 37 : 165.44412849850391  
--> Family: # 25

FV at Mutated Child #1 at Generation # 37 : 1.399478494399483  
FV at Mutated Child #2 at Generation # 37 : 5.306136570885222  
--> Family: # 26

FV at Mutated Child #1 at Generation # 37 : 1.2068431026737678  
FV at Mutated Child #2 at Generation # 37 : 1.7128276719312003  
--> Family: # 27

FV at Mutated Child #1 at Generation # 37 : 1.0802613576372215  
FV at Mutated Child #2 at Generation # 37 : 1.6399090760493409  
--> Family: # 28

FV at Mutated Child #1 at Generation # 37 : 2.160078368566583  
FV at Mutated Child #2 at Generation # 37 : 1.7734593973627306  
--> Family: # 29

FV at Mutated Child #1 at Generation # 37 : 561.1422311013193  
FV at Mutated Child #2 at Generation # 37 : 44.475968268289286  
--> Family: # 30

FV at Mutated Child #1 at Generation # 37 : 4.556429940215942  
FV at Mutated Child #2 at Generation # 37 : 0.9855887634460108  
--> Family: # 31

FV at Mutated Child #1 at Generation # 37 : 10.193596817845227  
FV at Mutated Child #2 at Generation # 37 : 1995.043302598203  
--> Family: # 32

FV at Mutated Child #1 at Generation # 37 : 544.1804976966179  
FV at Mutated Child #2 at Generation # 37 : 1.0487202611718263  
--> Family: # 33

FV at Mutated Child #1 at Generation # 37 : 1.0531406008617608  
FV at Mutated Child #2 at Generation # 37 : 578.4999902675071  
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FV at Mutated Child #1 at Generation # 37 : 1.7921531385168419  
FV at Mutated Child #2 at Generation # 37 : 7.250792367503276  
--> Family: # 35

FV at Mutated Child #1 at Generation # 37 : 2514.652147871416  
FV at Mutated Child #2 at Generation # 37 : 2.830044153460676  
--> Family: # 36

FV at Mutated Child #1 at Generation # 37 : 2.6832450637101743  
FV at Mutated Child #2 at Generation # 37 : 3.3137013214482236  
--> Family: # 37

FV at Mutated Child #1 at Generation # 37 : 13.456368862286126  
FV at Mutated Child #2 at Generation # 37 : 10.825211517167883  
--> Family: # 38

FV at Mutated Child #1 at Generation # 37 : 2.202296215725041  
FV at Mutated Child #2 at Generation # 37 : 0.8781786352266268  
--> Family: # 39

FV at Mutated Child #1 at Generation # 37 : 141.1071718423654

FV at Mutated Child #2 at Generation # 37 : 8.702880546367483  
--> Family: # 40

FV at Mutated Child #1 at Generation # 37 : 35.98184204228852  
FV at Mutated Child #2 at Generation # 37 : 2470.920429233994  
--> Family: # 41

FV at Mutated Child #1 at Generation # 37 : 12.751144446685355  
FV at Mutated Child #2 at Generation # 37 : 598.7382813451028  
--> Family: # 42

FV at Mutated Child #1 at Generation # 37 : 33.69475195535714  
FV at Mutated Child #2 at Generation # 37 : 8.424769902542996  
--> Family: # 43

FV at Mutated Child #1 at Generation # 37 : 150.09310173952642  
FV at Mutated Child #2 at Generation # 37 : 27.895139794310715  
--> Family: # 44

FV at Mutated Child #1 at Generation # 37 : 1.0344612215707125  
FV at Mutated Child #2 at Generation # 37 : 630.4664510379777  
--> Family: # 45

FV at Mutated Child #1 at Generation # 37 : 9.793362158997297  
FV at Mutated Child #2 at Generation # 37 : 11.45878535284541  
--> Family: # 46

FV at Mutated Child #1 at Generation # 37 : 3.240206576170289  
FV at Mutated Child #2 at Generation # 37 : 6.815616908641969  
--> Family: # 47

FV at Mutated Child #1 at Generation # 37 : 5.158196743003217  
FV at Mutated Child #2 at Generation # 37 : 41.926856615074485  
--> Family: # 48

FV at Mutated Child #1 at Generation # 37 : 10.825211517167883  
FV at Mutated Child #2 at Generation # 37 : 10.825211517167883  
--> Family: # 49

FV at Mutated Child #1 at Generation # 37 : 12.196632864283725  
FV at Mutated Child #2 at Generation # 37 : 3.3982994279680265  
--> Family: # 50

FV at Mutated Child #1 at Generation # 37 : 123.41377986488355  
FV at Mutated Child #2 at Generation # 37 : 23.601593474428817  
--> Family: # 51

FV at Mutated Child #1 at Generation # 37 : 5.38962968468151  
FV at Mutated Child #2 at Generation # 37 : 2.2837657122395165  
--> Family: # 52

FV at Mutated Child #1 at Generation # 37 : 162.83300939350048  
FV at Mutated Child #2 at Generation # 37 : 12.307489082842539  
--> Family: # 53

FV at Mutated Child #1 at Generation # 37 : 1.2298467125094532  
FV at Mutated Child #2 at Generation # 37 : 149.02565733581864  
--> Family: # 54

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FV at Mutated Child #2 at Generation # 37 : 4.6967310911654465

--> Family: # 55

FV at Mutated Child #1 at Generation # 37 : 5.452110170340649

FV at Mutated Child #2 at Generation # 37 : 4.208987192055072

--> Family: # 56

FV at Mutated Child #1 at Generation # 37 : 13.380712411705407

FV at Mutated Child #2 at Generation # 37 : 10.833760370553225

--> Family: # 57

FV at Mutated Child #1 at Generation # 37 : 1.3646258851402213

FV at Mutated Child #2 at Generation # 37 : 118.90384691422419

--> Family: # 58

FV at Mutated Child #1 at Generation # 37 : 3.980172218797318

FV at Mutated Child #2 at Generation # 37 : 2.862363873352664

--> Family: # 59

FV at Mutated Child #1 at Generation # 37 : 41.05418345801263

FV at Mutated Child #2 at Generation # 37 : 5.035764211827786

--> Family: # 60

FV at Mutated Child #1 at Generation # 37 : 10.68994362688471

FV at Mutated Child #2 at Generation # 37 : 12.601931610248926

--> Family: # 61

FV at Mutated Child #1 at Generation # 37 : 527.4216411797261

FV at Mutated Child #2 at Generation # 37 : 513.1681932027053

--> Family: # 62

FV at Mutated Child #1 at Generation # 37 : 559.2677289728251

FV at Mutated Child #2 at Generation # 37 : 5.779540229695828

--> Family: # 63

FV at Mutated Child #1 at Generation # 37 : 2410.2024671322924

FV at Mutated Child #2 at Generation # 37 : 45.34677299310476

--> Family: # 64

FV at Mutated Child #1 at Generation # 37 : 2500.8332710656096

FV at Mutated Child #2 at Generation # 37 : 2232.8280113405244

--> Family: # 65

FV at Mutated Child #1 at Generation # 37 : 1.3019389628548108

FV at Mutated Child #2 at Generation # 37 : 9.899426155917617

--> Family: # 66

FV at Mutated Child #1 at Generation # 37 : 25.00431364564395

FV at Mutated Child #2 at Generation # 37 : 3.033094947698266

--> Family: # 67

FV at Mutated Child #1 at Generation # 37 : 8.047270266564206

FV at Mutated Child #2 at Generation # 37 : 8.089751378921989

--> Family: # 68

FV at Mutated Child #1 at Generation # 37 : 5.452047403939086

FV at Mutated Child #2 at Generation # 37 : 1.5265821163273738

--> Family: # 69

FV at Mutated Child #1 at Generation # 37 : 46.910864640430525

FV at Mutated Child #2 at Generation # 37 : 8.372470774745182

--> Family: # 70

FV at Mutated Child #1 at Generation # 37 : 163.11789059250682  
FV at Mutated Child #2 at Generation # 37 : 9.183984677994042  
--> Family: # 71

FV at Mutated Child #1 at Generation # 37 : 46.333223414837  
FV at Mutated Child #2 at Generation # 37 : 21.99173268861645  
--> Family: # 72

FV at Mutated Child #1 at Generation # 37 : 632.3061581610398  
FV at Mutated Child #2 at Generation # 37 : 126.55339782773633  
--> Family: # 73

FV at Mutated Child #1 at Generation # 37 : 2.655530528463807  
FV at Mutated Child #2 at Generation # 37 : 5.757782499946562  
--> Family: # 74

FV at Mutated Child #1 at Generation # 37 : 3.32265480816602  
FV at Mutated Child #2 at Generation # 37 : 156.65369347207988  
--> Family: # 75

FV at Mutated Child #1 at Generation # 37 : 41.871473553056276  
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--> Family: # 76

FV at Mutated Child #1 at Generation # 37 : 7.273564745427829  
FV at Mutated Child #2 at Generation # 37 : 1.1771766727901452  
--> Family: # 77

FV at Mutated Child #1 at Generation # 37 : 144.49806155331123  
FV at Mutated Child #2 at Generation # 37 : 10.249554944275587  
--> Family: # 78

FV at Mutated Child #1 at Generation # 37 : 1.7545673454010342  
FV at Mutated Child #2 at Generation # 37 : 11.48834287195869  
--> Family: # 79

FV at Mutated Child #1 at Generation # 37 : 10.935772486705345  
FV at Mutated Child #2 at Generation # 37 : 24.16192833991138  
--> Family: # 80

FV at Mutated Child #1 at Generation # 37 : 15.087933443575507  
FV at Mutated Child #2 at Generation # 37 : 644.8424860790667  
--> Generation: # 38  
--> Family: # 1

FV at Mutated Child #1 at Generation # 38 : 7.088309102541779  
FV at Mutated Child #2 at Generation # 38 : 0.718940889820268  
--> Family: # 2

FV at Mutated Child #1 at Generation # 38 : 0.6370725202655831  
FV at Mutated Child #2 at Generation # 38 : 0.9156998805275788  
--> Family: # 3

FV at Mutated Child #1 at Generation # 38 : 28.857382727922925  
FV at Mutated Child #2 at Generation # 38 : 121.25434314526791  
--> Family: # 4

FV at Mutated Child #1 at Generation # 38 : 34.55371011073264  
FV at Mutated Child #2 at Generation # 38 : 1.6260169648942833  
--> Family: # 5

FV at Mutated Child #1 at Generation # 38 : 137.7801974607758  
FV at Mutated Child #2 at Generation # 38 : 0.625270366806063  
--> Family: # 6

FV at Mutated Child #1 at Generation # 38 : 3.103723128450075  
FV at Mutated Child #2 at Generation # 38 : 563.4161013370247  
--> Family: # 7

FV at Mutated Child #1 at Generation # 38 : 31.384450820897115  
FV at Mutated Child #2 at Generation # 38 : 109.56599913671482  
--> Family: # 8

FV at Mutated Child #1 at Generation # 38 : 2.5091297468218845  
FV at Mutated Child #2 at Generation # 38 : 5.738400601026739  
--> Family: # 9

FV at Mutated Child #1 at Generation # 38 : 0.67831318666758  
FV at Mutated Child #2 at Generation # 38 : 7.088309102541779  
--> Family: # 10

FV at Mutated Child #1 at Generation # 38 : 30.218897439546467  
FV at Mutated Child #2 at Generation # 38 : 0.7296721256511843  
--> Family: # 11

FV at Mutated Child #1 at Generation # 38 : 0.8546436060914917  
FV at Mutated Child #2 at Generation # 38 : 1.9348263215636186  
--> Family: # 12

FV at Mutated Child #1 at Generation # 38 : 147.0987886053674  
FV at Mutated Child #2 at Generation # 38 : 1.6399090760493409  
--> Family: # 13

FV at Mutated Child #1 at Generation # 38 : 7.110713021032838  
FV at Mutated Child #2 at Generation # 38 : 6.9654429654408085  
--> Family: # 14

FV at Mutated Child #1 at Generation # 38 : 10.146783679050293  
FV at Mutated Child #2 at Generation # 38 : 16.447648803747843  
--> Family: # 15

FV at Mutated Child #1 at Generation # 38 : 131.73997505133778  
FV at Mutated Child #2 at Generation # 38 : 11.899553564940431  
--> Family: # 16

FV at Mutated Child #1 at Generation # 38 : 0.7858692313484152  
FV at Mutated Child #2 at Generation # 38 : 0.6977812765699313  
--> Family: # 17

FV at Mutated Child #1 at Generation # 38 : 94.3172063616072  
FV at Mutated Child #2 at Generation # 38 : 0.7688511732511936  
--> Family: # 18

FV at Mutated Child #1 at Generation # 38 : 138.99764687899008  
FV at Mutated Child #2 at Generation # 38 : 555.9950479724945  
--> Family: # 19

FV at Mutated Child #1 at Generation # 38 : 25.591815547715562  
FV at Mutated Child #2 at Generation # 38 : 0.727840154900857  
--> Family: # 20

FV at Mutated Child #1 at Generation # 38 : 574.6427470830583  
FV at Mutated Child #2 at Generation # 38 : 0.9477537936454355  
--> Family: # 21

FV at Mutated Child #1 at Generation # 38 : 2.3504711612175395  
FV at Mutated Child #2 at Generation # 38 : 591.0569455345747  
--> Family: # 22

FV at Mutated Child #1 at Generation # 38 : 1.8057306554354011  
FV at Mutated Child #2 at Generation # 38 : 2.0311065728808315  
--> Family: # 23

FV at Mutated Child #1 at Generation # 38 : 2.0440767650394607  
FV at Mutated Child #2 at Generation # 38 : 121.69662080173316  
--> Family: # 24

FV at Mutated Child #1 at Generation # 38 : 0.749106818890789  
FV at Mutated Child #2 at Generation # 38 : 2.963343959621554  
--> Family: # 25

FV at Mutated Child #1 at Generation # 38 : 561.8953222347718  
FV at Mutated Child #2 at Generation # 38 : 30.518223629298728  
--> Family: # 26

FV at Mutated Child #1 at Generation # 38 : 0.7036420236485686  
FV at Mutated Child #2 at Generation # 38 : 143.06818656440313  
--> Family: # 27

FV at Mutated Child #1 at Generation # 38 : 6.327100144864181  
FV at Mutated Child #2 at Generation # 38 : 144.62052665649256  
--> Family: # 28

FV at Mutated Child #1 at Generation # 38 : 8.389506648795855  
FV at Mutated Child #2 at Generation # 38 : 0.7402205139773113  
--> Family: # 29

FV at Mutated Child #1 at Generation # 38 : 1.8793760155326558  
FV at Mutated Child #2 at Generation # 38 : 116.29089081103496  
--> Family: # 30

FV at Mutated Child #1 at Generation # 38 : 542.2707697124146  
FV at Mutated Child #2 at Generation # 38 : 387.1224975788321  
--> Family: # 31

FV at Mutated Child #1 at Generation # 38 : 5.94117446272104  
FV at Mutated Child #2 at Generation # 38 : 0.6270180544792798  
--> Family: # 32

FV at Mutated Child #1 at Generation # 38 : 2.033009988443831  
FV at Mutated Child #2 at Generation # 38 : 0.9916495996264149  
--> Family: # 33

FV at Mutated Child #1 at Generation # 38 : 31.46965358613737  
FV at Mutated Child #2 at Generation # 38 : 7.986496219046188  
--> Family: # 34

FV at Mutated Child #1 at Generation # 38 : 0.730389985932796  
FV at Mutated Child #2 at Generation # 38 : 18.560781618310354  
--> Family: # 35

FV at Mutated Child #1 at Generation # 38 : 2137.797429798199

FV at Mutated Child #2 at Generation # 38 : 18.36545867771431  
--> Family: # 36

FV at Mutated Child #1 at Generation # 38 : 93.17971523247883  
FV at Mutated Child #2 at Generation # 38 : 483.54764242794766  
--> Family: # 37

FV at Mutated Child #1 at Generation # 38 : 140.29131752258502  
FV at Mutated Child #2 at Generation # 38 : 0.8151947618648631  
--> Family: # 38

FV at Mutated Child #1 at Generation # 38 : 147.19822946757472  
FV at Mutated Child #2 at Generation # 38 : 120.64763685789131  
--> Family: # 39

FV at Mutated Child #1 at Generation # 38 : 106.77274024454717  
FV at Mutated Child #2 at Generation # 38 : 21.481564373180127  
--> Family: # 40

FV at Mutated Child #1 at Generation # 38 : 7.172586206689231  
FV at Mutated Child #2 at Generation # 38 : 34.054839046123945  
--> Family: # 41

FV at Mutated Child #1 at Generation # 38 : 2360.954563983272  
FV at Mutated Child #2 at Generation # 38 : 0.8456448510380845  
--> Family: # 42

FV at Mutated Child #1 at Generation # 38 : 13.757059792264922  
FV at Mutated Child #2 at Generation # 38 : 0.6819903673699282  
--> Family: # 43

FV at Mutated Child #1 at Generation # 38 : 141.69175512196142  
FV at Mutated Child #2 at Generation # 38 : 590.5620144521412  
--> Family: # 44

FV at Mutated Child #1 at Generation # 38 : 521.5781582202932  
FV at Mutated Child #2 at Generation # 38 : 553.0908349859844  
--> Family: # 45

FV at Mutated Child #1 at Generation # 38 : 545.8807814604892  
FV at Mutated Child #2 at Generation # 38 : 84.40719808741557  
--> Family: # 46

FV at Mutated Child #1 at Generation # 38 : 467.5049750464543  
FV at Mutated Child #2 at Generation # 38 : 4.58753702572722  
--> Family: # 47

FV at Mutated Child #1 at Generation # 38 : 0.7616663001747217  
FV at Mutated Child #2 at Generation # 38 : 105.69121289518941  
--> Family: # 48

FV at Mutated Child #1 at Generation # 38 : 549.8140268462656  
FV at Mutated Child #2 at Generation # 38 : 34.90635297220712  
--> Family: # 49

FV at Mutated Child #1 at Generation # 38 : 1.2200572694198486  
FV at Mutated Child #2 at Generation # 38 : 2430.0479609721465  
--> Family: # 50

FV at Mutated Child #1 at Generation # 38 : 534.3442342625109  
FV at Mutated Child #2 at Generation # 38 : 11.981681850715677



--> Family: # 51

FV at Mutated Child #1 at Generation # 38 : 28.33226265439264

FV at Mutated Child #2 at Generation # 38 : 27.774665849752207

--> Family: # 52

FV at Mutated Child #1 at Generation # 38 : 1.02888343417592

FV at Mutated Child #2 at Generation # 38 : 22.670924526217508

--> Family: # 53

FV at Mutated Child #1 at Generation # 38 : 6.8781079040406246

FV at Mutated Child #2 at Generation # 38 : 32.798960689876345

--> Family: # 54

FV at Mutated Child #1 at Generation # 38 : 0.6365798356793109

FV at Mutated Child #2 at Generation # 38 : 5.747655915502888

--> Family: # 55

FV at Mutated Child #1 at Generation # 38 : 1.6277902512798912

FV at Mutated Child #2 at Generation # 38 : 0.8760897162344927

--> Family: # 56

FV at Mutated Child #1 at Generation # 38 : 123.4079391891352

FV at Mutated Child #2 at Generation # 38 : 27.399680804192617

--> Family: # 57

FV at Mutated Child #1 at Generation # 38 : 0.6822614038050319

FV at Mutated Child #2 at Generation # 38 : 1.5044531444676426

--> Family: # 58

FV at Mutated Child #1 at Generation # 38 : 9.959025124885573

FV at Mutated Child #2 at Generation # 38 : 0.8738425230693616

--> Family: # 59

FV at Mutated Child #1 at Generation # 38 : 521.5781582202932

FV at Mutated Child #2 at Generation # 38 : 9.371597757760656

--> Family: # 60

FV at Mutated Child #1 at Generation # 38 : 0.6254638334230455

FV at Mutated Child #2 at Generation # 38 : 32.3840055616096

--> Family: # 61

FV at Mutated Child #1 at Generation # 38 : 0.935275522879073

FV at Mutated Child #2 at Generation # 38 : 17.080129866026567

--> Family: # 62

FV at Mutated Child #1 at Generation # 38 : 459.1007103188741

FV at Mutated Child #2 at Generation # 38 : 1.519392478388228

--> Family: # 63

FV at Mutated Child #1 at Generation # 38 : 1.6657554096499467

FV at Mutated Child #2 at Generation # 38 : 2367.713059399416

--> Family: # 64

FV at Mutated Child #1 at Generation # 38 : 4.123199668587921

FV at Mutated Child #2 at Generation # 38 : 2.4762768639685735

--> Family: # 65

FV at Mutated Child #1 at Generation # 38 : 84.17583880711383

FV at Mutated Child #2 at Generation # 38 : 3.3363897652222505

--> Family: # 66

FV at Mutated Child #1 at Generation # 38 : 1.347548505289113  
FV at Mutated Child #2 at Generation # 38 : 4.975079749463478  
--> Family: # 67

FV at Mutated Child #1 at Generation # 38 : 550.9871722111291  
FV at Mutated Child #2 at Generation # 38 : 3.174474825984518  
--> Family: # 68

FV at Mutated Child #1 at Generation # 38 : 1.6129245282389364  
FV at Mutated Child #2 at Generation # 38 : 0.6503540305479394  
--> Family: # 69

FV at Mutated Child #1 at Generation # 38 : 13.182924690515623  
FV at Mutated Child #2 at Generation # 38 : 1.2663366720445097  
--> Family: # 70

FV at Mutated Child #1 at Generation # 38 : 1.7019293137115659  
FV at Mutated Child #2 at Generation # 38 : 1.3455848943022812  
--> Family: # 71

FV at Mutated Child #1 at Generation # 38 : 2.5059863459235863  
FV at Mutated Child #2 at Generation # 38 : 32.59345259900307  
--> Family: # 72

FV at Mutated Child #1 at Generation # 38 : 1.7300080896081904  
FV at Mutated Child #2 at Generation # 38 : 34.90635297220712  
--> Family: # 73

FV at Mutated Child #1 at Generation # 38 : 0.7016879581528672  
FV at Mutated Child #2 at Generation # 38 : 1.2284427611992204  
--> Family: # 74

FV at Mutated Child #1 at Generation # 38 : 593.3589532216151  
FV at Mutated Child #2 at Generation # 38 : 141.53158303879977  
--> Family: # 75

FV at Mutated Child #1 at Generation # 38 : 1.6129245282389364  
FV at Mutated Child #2 at Generation # 38 : 3.848213535111656  
--> Family: # 76

FV at Mutated Child #1 at Generation # 38 : 0.6754618575575029  
FV at Mutated Child #2 at Generation # 38 : 3.4231745007357914  
--> Family: # 77

FV at Mutated Child #1 at Generation # 38 : 136.23558248534425  
FV at Mutated Child #2 at Generation # 38 : 4.123199668587921  
--> Family: # 78

FV at Mutated Child #1 at Generation # 38 : 6.3249660340035705  
FV at Mutated Child #2 at Generation # 38 : 0.9884811024839609  
--> Family: # 79

FV at Mutated Child #1 at Generation # 38 : 1.5792754689277653  
FV at Mutated Child #2 at Generation # 38 : 32.97495538795343  
--> Family: # 80

FV at Mutated Child #1 at Generation # 38 : 2.70609120495511  
FV at Mutated Child #2 at Generation # 38 : 112.05457325655307  
--> Generation: # 39  
--> Family: # 1

FV at Mutated Child #1 at Generation # 39 : 8.27764322365408  
FV at Mutated Child #2 at Generation # 39 : 550.87196875621  
--> Family: # 2

FV at Mutated Child #1 at Generation # 39 : 1.0799948209300072  
FV at Mutated Child #2 at Generation # 39 : 2.7539982995768413  
--> Family: # 3

FV at Mutated Child #1 at Generation # 39 : 12.05371638725607  
FV at Mutated Child #2 at Generation # 39 : 3.422527834476634  
--> Family: # 4

FV at Mutated Child #1 at Generation # 39 : 535.6709654497735  
FV at Mutated Child #2 at Generation # 39 : 1.5806981511373353  
--> Family: # 5

FV at Mutated Child #1 at Generation # 39 : 12.66628762358104  
FV at Mutated Child #2 at Generation # 39 : 9.78292532527352  
--> Family: # 6

FV at Mutated Child #1 at Generation # 39 : 3.0067217645874695  
FV at Mutated Child #2 at Generation # 39 : 572.6456378229307  
--> Family: # 7

FV at Mutated Child #1 at Generation # 39 : 110.56192261067376  
FV at Mutated Child #2 at Generation # 39 : 119.32572768515965  
--> Family: # 8

FV at Mutated Child #1 at Generation # 39 : 4.343053943171973  
FV at Mutated Child #2 at Generation # 39 : 434.2690329033668  
--> Family: # 9

FV at Mutated Child #1 at Generation # 39 : 10.688253561672003  
FV at Mutated Child #2 at Generation # 39 : 5.346235104731766  
--> Family: # 10

FV at Mutated Child #1 at Generation # 39 : 584.2245442548776  
FV at Mutated Child #2 at Generation # 39 : 102.91073997213459  
--> Family: # 11

FV at Mutated Child #1 at Generation # 39 : 0.9710178650364304  
FV at Mutated Child #2 at Generation # 39 : 27.62671913934059  
--> Family: # 12

FV at Mutated Child #1 at Generation # 39 : 3.893777060470066  
FV at Mutated Child #2 at Generation # 39 : 1.0536643722528627  
--> Family: # 13

FV at Mutated Child #1 at Generation # 39 : 43.135645141120825  
FV at Mutated Child #2 at Generation # 39 : 4.087202967404679  
--> Family: # 14

FV at Mutated Child #1 at Generation # 39 : 7.07484021489816  
FV at Mutated Child #2 at Generation # 39 : 613.6434844177065  
--> Family: # 15

FV at Mutated Child #1 at Generation # 39 : 11.620159771732572  
FV at Mutated Child #2 at Generation # 39 : 33.27528584152039  
--> Family: # 16

FV at Mutated Child #1 at Generation # 39 : 2104.175492007397  
FV at Mutated Child #2 at Generation # 39 : 2106.0826615567585  
--> Family: # 17

FV at Mutated Child #1 at Generation # 39 : 8.339609084152627  
FV at Mutated Child #2 at Generation # 39 : 3.585662784093777  
--> Family: # 18

FV at Mutated Child #1 at Generation # 39 : 1.2422336246708046  
FV at Mutated Child #2 at Generation # 39 : 4.202284925628565  
--> Family: # 19

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FV at Mutated Child #2 at Generation # 39 : 9.940532070550322  
--> Family: # 20

FV at Mutated Child #1 at Generation # 39 : 142.55516117358405  
FV at Mutated Child #2 at Generation # 39 : 31.130562469129856  
--> Family: # 21

FV at Mutated Child #1 at Generation # 39 : 35.21382922521703  
FV at Mutated Child #2 at Generation # 39 : 154.98279350167593  
--> Family: # 22

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FV at Mutated Child #2 at Generation # 39 : 3.6960430809715676  
--> Family: # 23

FV at Mutated Child #1 at Generation # 39 : 13.039984835753046  
FV at Mutated Child #2 at Generation # 39 : 3.2835811133852815  
--> Family: # 24

FV at Mutated Child #1 at Generation # 39 : 2398.231712533986  
FV at Mutated Child #2 at Generation # 39 : 3.9755551134154663  
--> Family: # 25

FV at Mutated Child #1 at Generation # 39 : 1.079653843668076  
FV at Mutated Child #2 at Generation # 39 : 6.022870346322743  
--> Family: # 26

FV at Mutated Child #1 at Generation # 39 : 6.178001700612508  
FV at Mutated Child #2 at Generation # 39 : 122.83485862651125  
--> Family: # 27

FV at Mutated Child #1 at Generation # 39 : 1.237336981455419  
FV at Mutated Child #2 at Generation # 39 : 1.250578381135084  
--> Family: # 28

FV at Mutated Child #1 at Generation # 39 : 5.4539760607127725  
FV at Mutated Child #2 at Generation # 39 : 29.224743574736237  
--> Family: # 29

FV at Mutated Child #1 at Generation # 39 : 3.5314953419828883  
FV at Mutated Child #2 at Generation # 39 : 152.512776372055  
--> Family: # 30

FV at Mutated Child #1 at Generation # 39 : 3.893777060470066  
FV at Mutated Child #2 at Generation # 39 : 1.4358386524438376  
--> Family: # 31

FV at Mutated Child #1 at Generation # 39 : 7.483169812289803

FV at Mutated Child #2 at Generation # 39 : 84.24096804018369  
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FV at Mutated Child #1 at Generation # 39 : 1.6870101357431828  
FV at Mutated Child #2 at Generation # 39 : 2.596851482447871  
--> Family: # 33

FV at Mutated Child #1 at Generation # 39 : 11.63589531285509  
FV at Mutated Child #2 at Generation # 39 : 147.75087297793092  
--> Family: # 34

FV at Mutated Child #1 at Generation # 39 : 16.525221766078886  
FV at Mutated Child #2 at Generation # 39 : 7.4882543083978765  
--> Family: # 35

FV at Mutated Child #1 at Generation # 39 : 1.3781674692927446  
FV at Mutated Child #2 at Generation # 39 : 1.9806616790187994  
--> Family: # 36

FV at Mutated Child #1 at Generation # 39 : 610.2229593924277  
FV at Mutated Child #2 at Generation # 39 : 9.940532070550322  
--> Family: # 37

FV at Mutated Child #1 at Generation # 39 : 15.187475314174785  
FV at Mutated Child #2 at Generation # 39 : 1.5347368713164717  
--> Family: # 38

FV at Mutated Child #1 at Generation # 39 : 35.306160249571064  
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--> Family: # 39

FV at Mutated Child #1 at Generation # 39 : 14.372799564408325  
FV at Mutated Child #2 at Generation # 39 : 1.1829486374943263  
--> Family: # 40

FV at Mutated Child #1 at Generation # 39 : 5.334802528424409  
FV at Mutated Child #2 at Generation # 39 : 1.205592197604036  
--> Family: # 41

FV at Mutated Child #1 at Generation # 39 : 34.04180596777547  
FV at Mutated Child #2 at Generation # 39 : 2.678142527527682  
--> Family: # 42

FV at Mutated Child #1 at Generation # 39 : 9.39752629042329  
FV at Mutated Child #2 at Generation # 39 : 46.96857455314113  
--> Family: # 43

FV at Mutated Child #1 at Generation # 39 : 1.5185809836702955  
FV at Mutated Child #2 at Generation # 39 : 150.40274222588255  
--> Family: # 44

FV at Mutated Child #1 at Generation # 39 : 1.9818235282279422  
FV at Mutated Child #2 at Generation # 39 : 6.443203267143106  
--> Family: # 45

FV at Mutated Child #1 at Generation # 39 : 121.39748036069723  
FV at Mutated Child #2 at Generation # 39 : 34.7706756808557  
--> Family: # 46

FV at Mutated Child #1 at Generation # 39 : 40.7422727998682  
FV at Mutated Child #2 at Generation # 39 : 1.2283901757850906

--> Family: # 47

FV at Mutated Child #1 at Generation # 39 : 1.8447809622487177

FV at Mutated Child #2 at Generation # 39 : 9.559283717397374

--> Family: # 48

FV at Mutated Child #1 at Generation # 39 : 8.955191897005129

FV at Mutated Child #2 at Generation # 39 : 2357.6291917105805

--> Family: # 49

FV at Mutated Child #1 at Generation # 39 : 0.9460912437960596

FV at Mutated Child #2 at Generation # 39 : 9.347276854027417

--> Family: # 50

FV at Mutated Child #1 at Generation # 39 : 11.773247391420245

FV at Mutated Child #2 at Generation # 39 : 113.7179388210335

--> Family: # 51

FV at Mutated Child #1 at Generation # 39 : 33.50775651089229

FV at Mutated Child #2 at Generation # 39 : 121.5809757178823

--> Family: # 52

FV at Mutated Child #1 at Generation # 39 : 6.9832268329034495

FV at Mutated Child #2 at Generation # 39 : 4.139238059338286

--> Family: # 53

FV at Mutated Child #1 at Generation # 39 : 28.021586342486735

FV at Mutated Child #2 at Generation # 39 : 8.767649920228088

--> Family: # 54

FV at Mutated Child #1 at Generation # 39 : 2.6438317001344216

FV at Mutated Child #2 at Generation # 39 : 3.8896337911210037

--> Family: # 55

FV at Mutated Child #1 at Generation # 39 : 11.814409950217604

FV at Mutated Child #2 at Generation # 39 : 15.658391798332515

--> Family: # 56

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FV at Mutated Child #2 at Generation # 39 : 28.236384883529617

--> Family: # 57

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FV at Mutated Child #2 at Generation # 39 : 32.49470297472804

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FV at Mutated Child #1 at Generation # 39 : 11.31847017436774

FV at Mutated Child #2 at Generation # 39 : 42.339621875761

--> Family: # 59

FV at Mutated Child #1 at Generation # 39 : 5.24225780986287

FV at Mutated Child #2 at Generation # 39 : 2449.8367194726434

--> Family: # 60

FV at Mutated Child #1 at Generation # 39 : 12.698157854184938

FV at Mutated Child #2 at Generation # 39 : 0.7941766722191093

--> Family: # 61

FV at Mutated Child #1 at Generation # 39 : 1.168981234423148

FV at Mutated Child #2 at Generation # 39 : 1.8179000802235654

--> Family: # 62

FV at Mutated Child #1 at Generation # 39 : 168.45938255979192  
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--> Family: # 63

FV at Mutated Child #1 at Generation # 39 : 18.948207459466417  
FV at Mutated Child #2 at Generation # 39 : 28.69987085933701  
--> Family: # 64

FV at Mutated Child #1 at Generation # 39 : 151.52163804223488  
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--> Family: # 65

FV at Mutated Child #1 at Generation # 39 : 11.68785614375727  
FV at Mutated Child #2 at Generation # 39 : 21.54289644699804  
--> Family: # 66

FV at Mutated Child #1 at Generation # 39 : 8.298933560337469  
FV at Mutated Child #2 at Generation # 39 : 5.415225419700204  
--> Family: # 67

FV at Mutated Child #1 at Generation # 39 : 9.08511553330081  
FV at Mutated Child #2 at Generation # 39 : 147.54451955507133  
--> Family: # 68

FV at Mutated Child #1 at Generation # 39 : 2.3702515578777534  
FV at Mutated Child #2 at Generation # 39 : 12.621085665465127  
--> Family: # 69

FV at Mutated Child #1 at Generation # 39 : 11.773247391420245  
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FV at Mutated Child #1 at Generation # 39 : 149.7947350689631  
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FV at Mutated Child #1 at Generation # 39 : 490.8666568369891  
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FV at Mutated Child #1 at Generation # 39 : 9.08511553330081  
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FV at Mutated Child #1 at Generation # 39 : 1.4211815819172502  
FV at Mutated Child #2 at Generation # 39 : 1.6737282900456358  
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FV at Mutated Child #1 at Generation # 39 : 12.225582788782988  
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--> Family: # 75

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--> Family: # 76

FV at Mutated Child #1 at Generation # 39 : 6.94264541302185  
FV at Mutated Child #2 at Generation # 39 : 5.367210839910428  
--> Family: # 77

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FV at Mutated Child #1 at Generation # 39 : 30.381371801838302
FV at Mutated Child #2 at Generation # 39 : 18.04335926471898
--> Family: # 78

FV at Mutated Child #1 at Generation # 39 : 13.391445834668772
FV at Mutated Child #2 at Generation # 39 : 1.2696740482132567
--> Family: # 79

FV at Mutated Child #1 at Generation # 39 : 2.2213591642826316
FV at Mutated Child #2 at Generation # 39 : 17.615224040068487
--> Family: # 80

FV at Mutated Child #1 at Generation # 39 : 4.365161999130101
FV at Mutated Child #2 at Generation # 39 : 30.357183174457465
--> Generation: # 40
--> Family: # 1

FV at Mutated Child #1 at Generation # 40 : 0.8133862192969284
FV at Mutated Child #2 at Generation # 40 : 29.826308482179616
--> Family: # 2

FV at Mutated Child #1 at Generation # 40 : 0.65671938634875
FV at Mutated Child #2 at Generation # 40 : 0.6279821641256506
--> Family: # 3

FV at Mutated Child #1 at Generation # 40 : 0.9705608985862881
FV at Mutated Child #2 at Generation # 40 : 0.648495361429707
--> Family: # 4

FV at Mutated Child #1 at Generation # 40 : 0.826952324839038
FV at Mutated Child #2 at Generation # 40 : 0.625270366806063
--> Family: # 5

FV at Mutated Child #1 at Generation # 40 : 1.2663366720445097
FV at Mutated Child #2 at Generation # 40 : 522.6932843574867
--> Family: # 6

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FV at Mutated Child #2 at Generation # 40 : 129.06691092341924
--> Family: # 7

FV at Mutated Child #1 at Generation # 40 : 0.661021578750909
FV at Mutated Child #2 at Generation # 40 : 94.1884375673506
--> Family: # 8

FV at Mutated Child #1 at Generation # 40 : 3.588249589813205
FV at Mutated Child #2 at Generation # 40 : 136.0783131897415
--> Family: # 9

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FV at Mutated Child #2 at Generation # 40 : 128.8699936072838
--> Family: # 10

FV at Mutated Child #1 at Generation # 40 : 0.7086523444413426
FV at Mutated Child #2 at Generation # 40 : 3.764330973259649
--> Family: # 11

FV at Mutated Child #1 at Generation # 40 : 0.7304309220780956
FV at Mutated Child #2 at Generation # 40 : 0.7391606111196177
--> Family: # 12
```



FV at Mutated Child #1 at Generation # 40 : 139.2234896616628  
FV at Mutated Child #2 at Generation # 40 : 0.619726385391685  
--> Family: # 13

FV at Mutated Child #1 at Generation # 40 : 0.7268850034106713  
FV at Mutated Child #2 at Generation # 40 : 84.97936095951816  
--> Family: # 14

FV at Mutated Child #1 at Generation # 40 : 1.2469330100425373  
FV at Mutated Child #2 at Generation # 40 : 3.9326811726769817  
--> Family: # 15

FV at Mutated Child #1 at Generation # 40 : 345.09323029160595  
FV at Mutated Child #2 at Generation # 40 : 1.218523333475047  
--> Family: # 16

FV at Mutated Child #1 at Generation # 40 : 103.68452721424723  
FV at Mutated Child #2 at Generation # 40 : 0.6335846645334892  
--> Family: # 17

FV at Mutated Child #1 at Generation # 40 : 30.959734850160807  
FV at Mutated Child #2 at Generation # 40 : 14.402300827113528  
--> Family: # 18

FV at Mutated Child #1 at Generation # 40 : 2.4956094141988237  
FV at Mutated Child #2 at Generation # 40 : 13.738585725484917  
--> Family: # 19

FV at Mutated Child #1 at Generation # 40 : 106.26131462546698  
FV at Mutated Child #2 at Generation # 40 : 0.6698325804305985  
--> Family: # 20

FV at Mutated Child #1 at Generation # 40 : 0.6485128847140982  
FV at Mutated Child #2 at Generation # 40 : 0.8354380158025893  
--> Family: # 21

FV at Mutated Child #1 at Generation # 40 : 16.20435232697366  
FV at Mutated Child #2 at Generation # 40 : 544.4868286862081  
--> Family: # 22

FV at Mutated Child #1 at Generation # 40 : 477.7730141363496  
FV at Mutated Child #2 at Generation # 40 : 2.54871448249932  
--> Family: # 23

FV at Mutated Child #1 at Generation # 40 : 97.83490967733236  
FV at Mutated Child #2 at Generation # 40 : 32.26823550782404  
--> Family: # 24

FV at Mutated Child #1 at Generation # 40 : 0.6819903673699282  
FV at Mutated Child #2 at Generation # 40 : 0.826952324839038  
--> Family: # 25

FV at Mutated Child #1 at Generation # 40 : 124.4176217133633  
FV at Mutated Child #2 at Generation # 40 : 30.488418418688358  
--> Family: # 26

FV at Mutated Child #1 at Generation # 40 : 0.7721164188519489  
FV at Mutated Child #2 at Generation # 40 : 1.2565678230688326  
--> Family: # 27

FV at Mutated Child #1 at Generation # 40 : 10.8759376951863

FV at Mutated Child #2 at Generation # 40 : 470.3357611037344  
--> Family: # 28

FV at Mutated Child #1 at Generation # 40 : 28.444178008191805  
FV at Mutated Child #2 at Generation # 40 : 1.4496625023162757  
--> Family: # 29

FV at Mutated Child #1 at Generation # 40 : 17.744429574858515  
FV at Mutated Child #2 at Generation # 40 : 5.110302141414014  
--> Family: # 30

FV at Mutated Child #1 at Generation # 40 : 0.9673770658483838  
FV at Mutated Child #2 at Generation # 40 : 73.46574964034001  
--> Family: # 31

FV at Mutated Child #1 at Generation # 40 : 0.6560270617055608  
FV at Mutated Child #2 at Generation # 40 : 14.935583261601543  
--> Family: # 32

FV at Mutated Child #1 at Generation # 40 : 31.56209412714508  
FV at Mutated Child #2 at Generation # 40 : 1.6287224460968825  
--> Family: # 33

FV at Mutated Child #1 at Generation # 40 : 30.752598962624575  
FV at Mutated Child #2 at Generation # 40 : 0.6344036733675132  
--> Family: # 34

FV at Mutated Child #1 at Generation # 40 : 3.0554790352871106  
FV at Mutated Child #2 at Generation # 40 : 0.7088162510247016  
--> Family: # 35

FV at Mutated Child #1 at Generation # 40 : 0.7458321657767085  
FV at Mutated Child #2 at Generation # 40 : 0.7138815589632651  
--> Family: # 36

FV at Mutated Child #1 at Generation # 40 : 538.961666502207  
FV at Mutated Child #2 at Generation # 40 : 20.444633951869857  
--> Family: # 37

FV at Mutated Child #1 at Generation # 40 : 2332.975677975315  
FV at Mutated Child #2 at Generation # 40 : 137.7887726613592  
--> Family: # 38

FV at Mutated Child #1 at Generation # 40 : 0.5408553136776902  
FV at Mutated Child #2 at Generation # 40 : 0.7554747943286406  
--> Family: # 39

FV at Mutated Child #1 at Generation # 40 : 0.6251383152148681  
FV at Mutated Child #2 at Generation # 40 : 0.818006642355029  
--> Family: # 40

FV at Mutated Child #1 at Generation # 40 : 5.548891736667407  
FV at Mutated Child #2 at Generation # 40 : 0.7344943668308066  
--> Family: # 41

FV at Mutated Child #1 at Generation # 40 : 0.6865804805770255  
FV at Mutated Child #2 at Generation # 40 : 5.211572194521442  
--> Family: # 42

FV at Mutated Child #1 at Generation # 40 : 20.58683641940902  
FV at Mutated Child #2 at Generation # 40 : 12.826799684416216

--> Family: # 43

FV at Mutated Child #1 at Generation # 40 : 0.7304829875803064

FV at Mutated Child #2 at Generation # 40 : 139.86058221980915

--> Family: # 44

FV at Mutated Child #1 at Generation # 40 : 51.781961925642705

FV at Mutated Child #2 at Generation # 40 : 133.45173484460256

--> Family: # 45

FV at Mutated Child #1 at Generation # 40 : 3.9771071560488798

FV at Mutated Child #2 at Generation # 40 : 1.1825432202935224

--> Family: # 46

FV at Mutated Child #1 at Generation # 40 : 470.3357611037344

FV at Mutated Child #2 at Generation # 40 : 127.7747762644507

--> Family: # 47

FV at Mutated Child #1 at Generation # 40 : 51.85853838992278

FV at Mutated Child #2 at Generation # 40 : 2.0285818023753315

--> Family: # 48

FV at Mutated Child #1 at Generation # 40 : 518.4989835325927

FV at Mutated Child #2 at Generation # 40 : 0.7333187475586564

--> Family: # 49

FV at Mutated Child #1 at Generation # 40 : 0.8087877614314583

FV at Mutated Child #2 at Generation # 40 : 136.99110560635086

--> Family: # 50

FV at Mutated Child #1 at Generation # 40 : 2413.606730287431

FV at Mutated Child #2 at Generation # 40 : 604.4754373906642

--> Family: # 51

FV at Mutated Child #1 at Generation # 40 : 2325.666083898298

FV at Mutated Child #2 at Generation # 40 : 32.54329459065344

--> Family: # 52

FV at Mutated Child #1 at Generation # 40 : 0.6837794505870113

FV at Mutated Child #2 at Generation # 40 : 0.619569658446242

--> Family: # 53

FV at Mutated Child #1 at Generation # 40 : 1.2284427611992204

FV at Mutated Child #2 at Generation # 40 : 0.66521976067313

--> Family: # 54

FV at Mutated Child #1 at Generation # 40 : 1579.6235210862976

FV at Mutated Child #2 at Generation # 40 : 2355.685371426517

--> Family: # 55

FV at Mutated Child #1 at Generation # 40 : 28.029454404800713

FV at Mutated Child #2 at Generation # 40 : 5.53536083715053

--> Family: # 56

FV at Mutated Child #1 at Generation # 40 : 4.469002307538619

FV at Mutated Child #2 at Generation # 40 : 3.1282107134684156

--> Family: # 57

FV at Mutated Child #1 at Generation # 40 : 4.123199668587921

FV at Mutated Child #2 at Generation # 40 : 0.8159750152734058

--> Family: # 58

FV at Mutated Child #1 at Generation # 40 : 1.3456017142286472  
FV at Mutated Child #2 at Generation # 40 : 0.711042498969474  
--> Family: # 59

FV at Mutated Child #1 at Generation # 40 : 1.3456017142286472  
FV at Mutated Child #2 at Generation # 40 : 19.260154330521313  
--> Family: # 60

FV at Mutated Child #1 at Generation # 40 : 7.553433705972561  
FV at Mutated Child #2 at Generation # 40 : 0.6503540305479394  
--> Family: # 61

FV at Mutated Child #1 at Generation # 40 : 1.7230771087886545  
FV at Mutated Child #2 at Generation # 40 : 115.87934298278772  
--> Family: # 62

FV at Mutated Child #1 at Generation # 40 : 597.7665898024353  
FV at Mutated Child #2 at Generation # 40 : 0.6871626080988481  
--> Family: # 63

FV at Mutated Child #1 at Generation # 40 : 0.7453700457761292  
FV at Mutated Child #2 at Generation # 40 : 1.8249067886314725  
--> Family: # 64

FV at Mutated Child #1 at Generation # 40 : 1.442674264502472  
FV at Mutated Child #2 at Generation # 40 : 0.7025075791933525  
--> Family: # 65

FV at Mutated Child #1 at Generation # 40 : 3.8903654633947666  
FV at Mutated Child #2 at Generation # 40 : 4.07764322339606  
--> Family: # 66

FV at Mutated Child #1 at Generation # 40 : 0.701324590937346  
FV at Mutated Child #2 at Generation # 40 : 7.436649725348102  
--> Family: # 67

FV at Mutated Child #1 at Generation # 40 : 107.53725538897591  
FV at Mutated Child #2 at Generation # 40 : 0.6831409902587249  
--> Family: # 68

FV at Mutated Child #1 at Generation # 40 : 1.306859912043155  
FV at Mutated Child #2 at Generation # 40 : 135.10416645837253  
--> Family: # 69

FV at Mutated Child #1 at Generation # 40 : 100.98817644948781  
FV at Mutated Child #2 at Generation # 40 : 3.1937977416338788  
--> Family: # 70

FV at Mutated Child #1 at Generation # 40 : 6.391165657575672  
FV at Mutated Child #2 at Generation # 40 : 16.168766121469815  
--> Family: # 71

FV at Mutated Child #1 at Generation # 40 : 122.43399325717422  
FV at Mutated Child #2 at Generation # 40 : 27.65300126102234  
--> Family: # 72

FV at Mutated Child #1 at Generation # 40 : 0.7807117046652388  
FV at Mutated Child #2 at Generation # 40 : 130.50042260126943  
--> Family: # 73

FV at Mutated Child #1 at Generation # 40 : 32.26823550782404  
FV at Mutated Child #2 at Generation # 40 : 0.6361982906051047  
--> Family: # 74

FV at Mutated Child #1 at Generation # 40 : 4.949282566058718  
FV at Mutated Child #2 at Generation # 40 : 2.41750767407245  
--> Family: # 75

FV at Mutated Child #1 at Generation # 40 : 33.147564253847385  
FV at Mutated Child #2 at Generation # 40 : 24.850287758394376  
--> Family: # 76

FV at Mutated Child #1 at Generation # 40 : 599.9239083423778  
FV at Mutated Child #2 at Generation # 40 : 558.8146998617037  
--> Family: # 77

FV at Mutated Child #1 at Generation # 40 : 14.820543396937122  
FV at Mutated Child #2 at Generation # 40 : 1.0734725503976588  
--> Family: # 78

FV at Mutated Child #1 at Generation # 40 : 1.3989586376064098  
FV at Mutated Child #2 at Generation # 40 : 30.959734850160807  
--> Family: # 79

FV at Mutated Child #1 at Generation # 40 : 6.400102111483939  
FV at Mutated Child #2 at Generation # 40 : 1.1637611684530986  
--> Family: # 80

FV at Mutated Child #1 at Generation # 40 : 0.7217115515731425  
FV at Mutated Child #2 at Generation # 40 : 556.6518615995798  
--> Generation: # 41  
--> Family: # 1

FV at Mutated Child #1 at Generation # 41 : 10.459164755525382  
FV at Mutated Child #2 at Generation # 41 : 1.1252553994976031  
--> Family: # 2

FV at Mutated Child #1 at Generation # 41 : 9.383210622518119  
FV at Mutated Child #2 at Generation # 41 : 596.8133342845751  
--> Family: # 3

FV at Mutated Child #1 at Generation # 41 : 3.6577872618896214  
FV at Mutated Child #2 at Generation # 41 : 3.223655674906961  
--> Family: # 4

FV at Mutated Child #1 at Generation # 41 : 3.2381778208155336  
FV at Mutated Child #2 at Generation # 41 : 0.9971997263244288  
--> Family: # 5

FV at Mutated Child #1 at Generation # 41 : 28.193168609773256  
FV at Mutated Child #2 at Generation # 41 : 1.3277687539170326  
--> Family: # 6

FV at Mutated Child #1 at Generation # 41 : 12.851425944306733  
FV at Mutated Child #2 at Generation # 41 : 0.9364412121440402  
--> Family: # 7

FV at Mutated Child #1 at Generation # 41 : 1.362933538988255  
FV at Mutated Child #2 at Generation # 41 : 4.635347478434744  
--> Family: # 8

FV at Mutated Child #1 at Generation # 41 : 10.701924693221756  
FV at Mutated Child #2 at Generation # 41 : 155.11052797939462  
--> Family: # 9

FV at Mutated Child #1 at Generation # 41 : 157.4192519258664  
FV at Mutated Child #2 at Generation # 41 : 9.895446219264885  
--> Family: # 10

FV at Mutated Child #1 at Generation # 41 : 12.344529187055855  
FV at Mutated Child #2 at Generation # 41 : 1.3225793910693715  
--> Family: # 11

FV at Mutated Child #1 at Generation # 41 : 4.460199777679466  
FV at Mutated Child #2 at Generation # 41 : 8.927725448308863  
--> Family: # 12

FV at Mutated Child #1 at Generation # 41 : 36.570554711497095  
FV at Mutated Child #2 at Generation # 41 : 0.976751802003735  
--> Family: # 13

FV at Mutated Child #1 at Generation # 41 : 144.3779715676214  
FV at Mutated Child #2 at Generation # 41 : 5.4406861828081965  
--> Family: # 14

FV at Mutated Child #1 at Generation # 41 : 1.7734593973627306  
FV at Mutated Child #2 at Generation # 41 : 1.1862623582108611  
--> Family: # 15

FV at Mutated Child #1 at Generation # 41 : 0.7782940621932469  
FV at Mutated Child #2 at Generation # 41 : 1.3646258851402213  
--> Family: # 16

FV at Mutated Child #1 at Generation # 41 : 10.661895058878994  
FV at Mutated Child #2 at Generation # 41 : 3.841770320932798  
--> Family: # 17

FV at Mutated Child #1 at Generation # 41 : 4.736044506025792  
FV at Mutated Child #2 at Generation # 41 : 149.69595822203  
--> Family: # 18

FV at Mutated Child #1 at Generation # 41 : 631.3394666864498  
FV at Mutated Child #2 at Generation # 41 : 21.121534235286394  
--> Family: # 19

FV at Mutated Child #1 at Generation # 41 : 10.732378288715182  
FV at Mutated Child #2 at Generation # 41 : 3.0445525339668547  
--> Family: # 20

FV at Mutated Child #1 at Generation # 41 : 39.04004229461329  
FV at Mutated Child #2 at Generation # 41 : 1.3622295100298243  
--> Family: # 21

FV at Mutated Child #1 at Generation # 41 : 1.3224992202617267  
FV at Mutated Child #2 at Generation # 41 : 108.10898807211353  
--> Family: # 22

FV at Mutated Child #1 at Generation # 41 : 151.81301917583383  
FV at Mutated Child #2 at Generation # 41 : 165.14883095547276  
--> Family: # 23

FV at Mutated Child #1 at Generation # 41 : 159.49032414139114

FV at Mutated Child #2 at Generation # 41 : 3.628422877744976  
--> Family: # 24

FV at Mutated Child #1 at Generation # 41 : 2.067106006148891  
FV at Mutated Child #2 at Generation # 41 : 7.356395491462545  
--> Family: # 25

FV at Mutated Child #1 at Generation # 41 : 596.8133342845751  
FV at Mutated Child #2 at Generation # 41 : 37.83988852323488  
--> Family: # 26

FV at Mutated Child #1 at Generation # 41 : 4.139238059338286  
FV at Mutated Child #2 at Generation # 41 : 7.131572313832791  
--> Family: # 27

FV at Mutated Child #1 at Generation # 41 : 30.14781428512734  
FV at Mutated Child #2 at Generation # 41 : 11.653413050982236  
--> Family: # 28

FV at Mutated Child #1 at Generation # 41 : 2541.8094303403022  
FV at Mutated Child #2 at Generation # 41 : 43.718783910996024  
--> Family: # 29

FV at Mutated Child #1 at Generation # 41 : 6.028852534373344  
FV at Mutated Child #2 at Generation # 41 : 2.022747545070139  
--> Family: # 30

FV at Mutated Child #1 at Generation # 41 : 4.087202967404679  
FV at Mutated Child #2 at Generation # 41 : 3.4916989885184337  
--> Family: # 31

FV at Mutated Child #1 at Generation # 41 : 11.31847017436774  
FV at Mutated Child #2 at Generation # 41 : 1.6784622834289318  
--> Family: # 32

FV at Mutated Child #1 at Generation # 41 : 38.73709761886701  
FV at Mutated Child #2 at Generation # 41 : 154.60437331758953  
--> Family: # 33

FV at Mutated Child #1 at Generation # 41 : 541.9427725185365  
FV at Mutated Child #2 at Generation # 41 : 152.81912282178467  
--> Family: # 34

FV at Mutated Child #1 at Generation # 41 : 625.2967745906985  
FV at Mutated Child #2 at Generation # 41 : 10.317031117561246  
--> Family: # 35

FV at Mutated Child #1 at Generation # 41 : 9.822322181092144  
FV at Mutated Child #2 at Generation # 41 : 3.087143612817339  
--> Family: # 36

FV at Mutated Child #1 at Generation # 41 : 37.79699505717818  
FV at Mutated Child #2 at Generation # 41 : 158.12959046867127  
--> Family: # 37

FV at Mutated Child #1 at Generation # 41 : 35.21382922521703  
FV at Mutated Child #2 at Generation # 41 : 1.0531406008617608  
--> Family: # 38

FV at Mutated Child #1 at Generation # 41 : 37.01477904102056  
FV at Mutated Child #2 at Generation # 41 : 1.843946924120583

--> Family: # 39

FV at Mutated Child #1 at Generation # 41 : 10.23008431303052  
FV at Mutated Child #2 at Generation # 41 : 1.6723708913045106

--> Family: # 40

FV at Mutated Child #1 at Generation # 41 : 38.370226606945046  
FV at Mutated Child #2 at Generation # 41 : 4.437909610578879

--> Family: # 41

FV at Mutated Child #1 at Generation # 41 : 137.36843341786854  
FV at Mutated Child #2 at Generation # 41 : 11.814409950217604

--> Family: # 42

FV at Mutated Child #1 at Generation # 41 : 34.402640322980844  
FV at Mutated Child #2 at Generation # 41 : 628.4426889801457

--> Family: # 43

FV at Mutated Child #1 at Generation # 41 : 40.935864893872534  
FV at Mutated Child #2 at Generation # 41 : 2.6292502236336426

--> Family: # 44

FV at Mutated Child #1 at Generation # 41 : 39.65319319754108  
FV at Mutated Child #2 at Generation # 41 : 1.2696740482132567

--> Family: # 45

FV at Mutated Child #1 at Generation # 41 : 591.3243056720232  
FV at Mutated Child #2 at Generation # 41 : 10.78052894710178

--> Family: # 46

FV at Mutated Child #1 at Generation # 41 : 28.959208699208038  
FV at Mutated Child #2 at Generation # 41 : 12.718240484007403

--> Family: # 47

FV at Mutated Child #1 at Generation # 41 : 18.601429106580667  
FV at Mutated Child #2 at Generation # 41 : 5.779540229695828

--> Family: # 48

FV at Mutated Child #1 at Generation # 41 : 16.46631772716269  
FV at Mutated Child #2 at Generation # 41 : 1.3638975436417873

--> Family: # 49

FV at Mutated Child #1 at Generation # 41 : 11.171561468701826  
FV at Mutated Child #2 at Generation # 41 : 1.7571697508485369

--> Family: # 50

FV at Mutated Child #1 at Generation # 41 : 1.8179000802235654  
FV at Mutated Child #2 at Generation # 41 : 0.8579943184031148

--> Family: # 51

FV at Mutated Child #1 at Generation # 41 : 36.12719441093358  
FV at Mutated Child #2 at Generation # 41 : 155.9312674356894

--> Family: # 52

FV at Mutated Child #1 at Generation # 41 : 1.8165447832845811  
FV at Mutated Child #2 at Generation # 41 : 2.012326270332028

--> Family: # 53

FV at Mutated Child #1 at Generation # 41 : 10.68994362688471  
FV at Mutated Child #2 at Generation # 41 : 1.3287496254284699

--> Family: # 54



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FV at Mutated Child #1 at Generation # 41 : 12.452639627810303
FV at Mutated Child #2 at Generation # 41 : 1.7749151466501998
--> Family: # 55

FV at Mutated Child #1 at Generation # 41 : 1.109157545382489
FV at Mutated Child #2 at Generation # 41 : 2.652305076015444
--> Family: # 56

FV at Mutated Child #1 at Generation # 41 : 10.079395276345041
FV at Mutated Child #2 at Generation # 41 : 10.438915989764684
--> Family: # 57

FV at Mutated Child #1 at Generation # 41 : 12.380515917587818
FV at Mutated Child #2 at Generation # 41 : 2.8856684808967
--> Family: # 58

FV at Mutated Child #1 at Generation # 41 : 1.7650326041635744
FV at Mutated Child #2 at Generation # 41 : 5.813280597662386
--> Family: # 59

FV at Mutated Child #1 at Generation # 41 : 41.832042526188914
FV at Mutated Child #2 at Generation # 41 : 636.2184861670471
--> Family: # 60

FV at Mutated Child #1 at Generation # 41 : 7.276896824265357
FV at Mutated Child #2 at Generation # 41 : 0.8684527219054122
--> Family: # 61

FV at Mutated Child #1 at Generation # 41 : 601.3960065690401
FV at Mutated Child #2 at Generation # 41 : 6.9966654064507345
--> Family: # 62

FV at Mutated Child #1 at Generation # 41 : 10.154590746689419
FV at Mutated Child #2 at Generation # 41 : 1.915096570608649
--> Family: # 63

FV at Mutated Child #1 at Generation # 41 : 633.5951161161252
FV at Mutated Child #2 at Generation # 41 : 35.989294911918805
--> Family: # 64

FV at Mutated Child #1 at Generation # 41 : 11.98011490879929
FV at Mutated Child #2 at Generation # 41 : 1.4283470233827664
--> Family: # 65

FV at Mutated Child #1 at Generation # 41 : 3.841770320932798
FV at Mutated Child #2 at Generation # 41 : 1.168981234423148
--> Family: # 66

FV at Mutated Child #1 at Generation # 41 : 10.080340073958848
FV at Mutated Child #2 at Generation # 41 : 136.13171810478497
--> Family: # 67

FV at Mutated Child #1 at Generation # 41 : 0.8163230072914391
FV at Mutated Child #2 at Generation # 41 : 1.0536643722528627
--> Family: # 68

FV at Mutated Child #1 at Generation # 41 : 154.98279350167593
FV at Mutated Child #2 at Generation # 41 : 10.766885965328232
--> Family: # 69
```

FV at Mutated Child #1 at Generation # 41 : 5.962924862241004  
FV at Mutated Child #2 at Generation # 41 : 32.23209152188359  
--> Family: # 70

FV at Mutated Child #1 at Generation # 41 : 2.013019740417989  
FV at Mutated Child #2 at Generation # 41 : 1.7151161585763015  
--> Family: # 71

FV at Mutated Child #1 at Generation # 41 : 10.347971563928608  
FV at Mutated Child #2 at Generation # 41 : 28.082649180064326  
--> Family: # 72

FV at Mutated Child #1 at Generation # 41 : 8.064241355387253  
FV at Mutated Child #2 at Generation # 41 : 2.954137198934583  
--> Family: # 73

FV at Mutated Child #1 at Generation # 41 : 7.027494522875148  
FV at Mutated Child #2 at Generation # 41 : 44.37779442118637  
--> Family: # 74

FV at Mutated Child #1 at Generation # 41 : 3.0274674579274654  
FV at Mutated Child #2 at Generation # 41 : 1.1114115589632458  
--> Family: # 75

FV at Mutated Child #1 at Generation # 41 : 607.4126022034645  
FV at Mutated Child #2 at Generation # 41 : 1.2062886554761252  
--> Family: # 76

FV at Mutated Child #1 at Generation # 41 : 11.773247391420245  
FV at Mutated Child #2 at Generation # 41 : 1.5183358596292185  
--> Family: # 77

FV at Mutated Child #1 at Generation # 41 : 1.8447809622487177  
FV at Mutated Child #2 at Generation # 41 : 3.011024649008669  
--> Family: # 78

FV at Mutated Child #1 at Generation # 41 : 32.30669747937268  
FV at Mutated Child #2 at Generation # 41 : 2.8756669897181815  
--> Family: # 79

FV at Mutated Child #1 at Generation # 41 : 1.526992853057099  
FV at Mutated Child #2 at Generation # 41 : 12.14491364477415  
--> Family: # 80

FV at Mutated Child #1 at Generation # 41 : 7.833483046376389  
FV at Mutated Child #2 at Generation # 41 : 10.193596817845227  
--> Generation: # 42  
--> Family: # 1

FV at Mutated Child #1 at Generation # 42 : 0.6418078171516476  
FV at Mutated Child #2 at Generation # 42 : 0.7114635097252916  
--> Family: # 2

FV at Mutated Child #1 at Generation # 42 : 0.7505628328174441  
FV at Mutated Child #2 at Generation # 42 : 1.0889317811318018  
--> Family: # 3

FV at Mutated Child #1 at Generation # 42 : 0.7453700457761292  
FV at Mutated Child #2 at Generation # 42 : 6.0023103094257895  
--> Family: # 4

FV at Mutated Child #1 at Generation # 42 : 0.6260874476280004  
FV at Mutated Child #2 at Generation # 42 : 27.6428927509214  
--> Family: # 5

FV at Mutated Child #1 at Generation # 42 : 0.6863365240266511  
FV at Mutated Child #2 at Generation # 42 : 533.7502433423753  
--> Family: # 6

FV at Mutated Child #1 at Generation # 42 : 1.4313142605112865  
FV at Mutated Child #2 at Generation # 42 : 0.7314891439391958  
--> Family: # 7

FV at Mutated Child #1 at Generation # 42 : 1.7007885089614372  
FV at Mutated Child #2 at Generation # 42 : 0.875157612781005  
--> Family: # 8

FV at Mutated Child #1 at Generation # 42 : 0.7545247148839109  
FV at Mutated Child #2 at Generation # 42 : 7.529088605521193  
--> Family: # 9

FV at Mutated Child #1 at Generation # 42 : 0.8138985705839491  
FV at Mutated Child #2 at Generation # 42 : 0.6811378404779103  
--> Family: # 10

FV at Mutated Child #1 at Generation # 42 : 146.86848432678636  
FV at Mutated Child #2 at Generation # 42 : 1.4496625023162757  
--> Family: # 11

FV at Mutated Child #1 at Generation # 42 : 0.6332605477710953  
FV at Mutated Child #2 at Generation # 42 : 0.6683799766297454  
--> Family: # 12

FV at Mutated Child #1 at Generation # 42 : 31.994368808981736  
FV at Mutated Child #2 at Generation # 42 : 6.57711856371684  
--> Family: # 13

FV at Mutated Child #1 at Generation # 42 : 1.3164090281065408  
FV at Mutated Child #2 at Generation # 42 : 7.172586206689231  
--> Family: # 14

FV at Mutated Child #1 at Generation # 42 : 88.67275403810807  
FV at Mutated Child #2 at Generation # 42 : 28.643382780308656  
--> Family: # 15

FV at Mutated Child #1 at Generation # 42 : 0.8883433997814211  
FV at Mutated Child #2 at Generation # 42 : 0.7616663001747217  
--> Family: # 16

FV at Mutated Child #1 at Generation # 42 : 1.112386613137779  
FV at Mutated Child #2 at Generation # 42 : 0.6753942944394125  
--> Family: # 17

FV at Mutated Child #1 at Generation # 42 : 1.9991862492184511  
FV at Mutated Child #2 at Generation # 42 : 125.3356643028045  
--> Family: # 18

FV at Mutated Child #1 at Generation # 42 : 5.945869630057353  
FV at Mutated Child #2 at Generation # 42 : 538.3811057362253  
--> Family: # 19

FV at Mutated Child #1 at Generation # 42 : 1.0591752749618817

FV at Mutated Child #2 at Generation # 42 : 129.61305976460926  
--> Family: # 20

FV at Mutated Child #1 at Generation # 42 : 2.0636458755292986  
FV at Mutated Child #2 at Generation # 42 : 0.9914046248972359  
--> Family: # 21

FV at Mutated Child #1 at Generation # 42 : 0.7391606111196177  
FV at Mutated Child #2 at Generation # 42 : 5.4424589892872826  
--> Family: # 22

FV at Mutated Child #1 at Generation # 42 : 0.6979330358553135  
FV at Mutated Child #2 at Generation # 42 : 3.371009378366395  
--> Family: # 23

FV at Mutated Child #1 at Generation # 42 : 0.6421919199116669  
FV at Mutated Child #2 at Generation # 42 : 5.9900883754520615  
--> Family: # 24

FV at Mutated Child #1 at Generation # 42 : 4.6049215253111955  
FV at Mutated Child #2 at Generation # 42 : 0.8463964570457319  
--> Family: # 25

FV at Mutated Child #1 at Generation # 42 : 0.95419495609846  
FV at Mutated Child #2 at Generation # 42 : 0.7797340420421328  
--> Family: # 26

FV at Mutated Child #1 at Generation # 42 : 0.7003683902579978  
FV at Mutated Child #2 at Generation # 42 : 0.6488285039952673  
--> Family: # 27

FV at Mutated Child #1 at Generation # 42 : 23.903293466762108  
FV at Mutated Child #2 at Generation # 42 : 141.81268048498978  
--> Family: # 28

FV at Mutated Child #1 at Generation # 42 : 29.95383525398808  
FV at Mutated Child #2 at Generation # 42 : 149.23980198836512  
--> Family: # 29

FV at Mutated Child #1 at Generation # 42 : 117.87175556560835  
FV at Mutated Child #2 at Generation # 42 : 5.036942288836011  
--> Family: # 30

FV at Mutated Child #1 at Generation # 42 : 578.6313686670085  
FV at Mutated Child #2 at Generation # 42 : 25.438518147604686  
--> Family: # 31

FV at Mutated Child #1 at Generation # 42 : 0.7664934107458349  
FV at Mutated Child #2 at Generation # 42 : 4.777495107559792  
--> Family: # 32

FV at Mutated Child #1 at Generation # 42 : 147.45173736435876  
FV at Mutated Child #2 at Generation # 42 : 0.8034377884853181  
--> Family: # 33

FV at Mutated Child #1 at Generation # 42 : 99.77036826610595  
FV at Mutated Child #2 at Generation # 42 : 0.6323818196152702  
--> Family: # 34

FV at Mutated Child #1 at Generation # 42 : 99.456731171461  
FV at Mutated Child #2 at Generation # 42 : 1.8071864769402446

--> Family: # 35

FV at Mutated Child #1 at Generation # 42 : 3.124187642198957

FV at Mutated Child #2 at Generation # 42 : 7.581614618499756

--> Family: # 36

FV at Mutated Child #1 at Generation # 42 : 120.07724402273897

FV at Mutated Child #2 at Generation # 42 : 0.6567146195671311

--> Family: # 37

FV at Mutated Child #1 at Generation # 42 : 28.95593328703993

FV at Mutated Child #2 at Generation # 42 : 7.1839866009434505

--> Family: # 38

FV at Mutated Child #1 at Generation # 42 : 4.381366070436241

FV at Mutated Child #2 at Generation # 42 : 1.2187683958472981

--> Family: # 39

FV at Mutated Child #1 at Generation # 42 : 26.274494500299298

FV at Mutated Child #2 at Generation # 42 : 31.0212383001443

--> Family: # 40

FV at Mutated Child #1 at Generation # 42 : 83.03805414372009

FV at Mutated Child #2 at Generation # 42 : 1.2169940684146323

--> Family: # 41

FV at Mutated Child #1 at Generation # 42 : 5.1617489940724575

FV at Mutated Child #2 at Generation # 42 : 0.7167667718706086

--> Family: # 42

FV at Mutated Child #1 at Generation # 42 : 131.2902891208615

FV at Mutated Child #2 at Generation # 42 : 0.7508026227159169

--> Family: # 43

FV at Mutated Child #1 at Generation # 42 : 84.85458919182655

FV at Mutated Child #2 at Generation # 42 : 0.91882826994452

--> Family: # 44

FV at Mutated Child #1 at Generation # 42 : 31.314918741819564

FV at Mutated Child #2 at Generation # 42 : 130.35112431535447

--> Family: # 45

FV at Mutated Child #1 at Generation # 42 : 0.8428993844345193

FV at Mutated Child #2 at Generation # 42 : 89.13349623256103

--> Family: # 46

FV at Mutated Child #1 at Generation # 42 : 1.2962847096611307

FV at Mutated Child #2 at Generation # 42 : 2.9560030248969524

--> Family: # 47

FV at Mutated Child #1 at Generation # 42 : 7.529088605521193

FV at Mutated Child #2 at Generation # 42 : 0.6180469497246314

--> Family: # 48

FV at Mutated Child #1 at Generation # 42 : 0.6356229711962793

FV at Mutated Child #2 at Generation # 42 : 22.75388150026126

--> Family: # 49

FV at Mutated Child #1 at Generation # 42 : 0.8773556089989569

FV at Mutated Child #2 at Generation # 42 : 1.1637611684530986

--> Family: # 50

FV at Mutated Child #1 at Generation # 42 : 1.8754635789646694  
FV at Mutated Child #2 at Generation # 42 : 2413.606730287431  
--> Family: # 51

FV at Mutated Child #1 at Generation # 42 : 33.77321279463266  
FV at Mutated Child #2 at Generation # 42 : 1.2233370828889063  
--> Family: # 52

FV at Mutated Child #1 at Generation # 42 : 539.7558802308545  
FV at Mutated Child #2 at Generation # 42 : 1.3024675196558468  
--> Family: # 53

FV at Mutated Child #1 at Generation # 42 : 0.6193238047646119  
FV at Mutated Child #2 at Generation # 42 : 1.7007885089614372  
--> Family: # 54

FV at Mutated Child #1 at Generation # 42 : 10.37757326448443  
FV at Mutated Child #2 at Generation # 42 : 5.772141967469183  
--> Family: # 55

FV at Mutated Child #1 at Generation # 42 : 0.8669142886376477  
FV at Mutated Child #2 at Generation # 42 : 142.50779875629877  
--> Family: # 56

FV at Mutated Child #1 at Generation # 42 : 28.39472232829385  
FV at Mutated Child #2 at Generation # 42 : 589.4424713734453  
--> Family: # 57

FV at Mutated Child #1 at Generation # 42 : 96.80462374134336  
FV at Mutated Child #2 at Generation # 42 : 131.72770184946114  
--> Family: # 58

FV at Mutated Child #1 at Generation # 42 : 0.713930612817054  
FV at Mutated Child #2 at Generation # 42 : 28.60610083555766  
--> Family: # 59

FV at Mutated Child #1 at Generation # 42 : 4.7906510380682965  
FV at Mutated Child #2 at Generation # 42 : 6.211085957694763  
--> Family: # 60

FV at Mutated Child #1 at Generation # 42 : 0.7074987882344512  
FV at Mutated Child #2 at Generation # 42 : 0.7213760241698628  
--> Family: # 61

FV at Mutated Child #1 at Generation # 42 : 6.817313843982293  
FV at Mutated Child #2 at Generation # 42 : 29.722490739196193  
--> Family: # 62

FV at Mutated Child #1 at Generation # 42 : 0.9605301604085668  
FV at Mutated Child #2 at Generation # 42 : 31.45021256325848  
--> Family: # 63

FV at Mutated Child #1 at Generation # 42 : 116.98614622334654  
FV at Mutated Child #2 at Generation # 42 : 1.065586689920881  
--> Family: # 64

FV at Mutated Child #1 at Generation # 42 : 0.7474805362237318  
FV at Mutated Child #2 at Generation # 42 : 124.20460561965706  
--> Family: # 65

FV at Mutated Child #1 at Generation # 42 : 2.0440767650394607

FV at Mutated Child #2 at Generation # 42 : 86.2318315401133

--> Family: # 66

FV at Mutated Child #1 at Generation # 42 : 1.2202267658926278

FV at Mutated Child #2 at Generation # 42 : 0.652523488259037

--> Family: # 67

FV at Mutated Child #1 at Generation # 42 : 13.395329112554188

FV at Mutated Child #2 at Generation # 42 : 3.371009378366395

--> Family: # 68

FV at Mutated Child #1 at Generation # 42 : 549.683439906188

FV at Mutated Child #2 at Generation # 42 : 1.0591752749618817

--> Family: # 69

FV at Mutated Child #1 at Generation # 42 : 1.2663366720445097

FV at Mutated Child #2 at Generation # 42 : 1.0431303334510147

--> Family: # 70

FV at Mutated Child #1 at Generation # 42 : 6.806849643541446

FV at Mutated Child #2 at Generation # 42 : 0.6888563037730879

--> Family: # 71

FV at Mutated Child #1 at Generation # 42 : 1.8268605336712778

FV at Mutated Child #2 at Generation # 42 : 5.155466383755847

--> Family: # 72

FV at Mutated Child #1 at Generation # 42 : 30.785852693973798

FV at Mutated Child #2 at Generation # 42 : 586.0447412580593

--> Family: # 73

FV at Mutated Child #1 at Generation # 42 : 3.2244050819104517

FV at Mutated Child #2 at Generation # 42 : 6.310711200665731

--> Family: # 74

FV at Mutated Child #1 at Generation # 42 : 0.6693578585409826

FV at Mutated Child #2 at Generation # 42 : 0.6315628644156005

--> Family: # 75

FV at Mutated Child #1 at Generation # 42 : 96.69943049192726

FV at Mutated Child #2 at Generation # 42 : 5.106460488318924

--> Family: # 76

FV at Mutated Child #1 at Generation # 42 : 120.34165555515351

FV at Mutated Child #2 at Generation # 42 : 8.156589264530163

--> Family: # 77

FV at Mutated Child #1 at Generation # 42 : 5.584055271223863

FV at Mutated Child #2 at Generation # 42 : 1.2663366720445097

--> Family: # 78

FV at Mutated Child #1 at Generation # 42 : 601.351954888952

FV at Mutated Child #2 at Generation # 42 : 0.6693837077625154

--> Family: # 79

FV at Mutated Child #1 at Generation # 42 : 4.565342158920692

FV at Mutated Child #2 at Generation # 42 : 6.221029462809315

--> Family: # 80

FV at Mutated Child #1 at Generation # 42 : 7.151055352199879

FV at Mutated Child #2 at Generation # 42 : 0.7088162510247016  
--> Generation: # 43  
--> Family: # 1

FV at Mutated Child #1 at Generation # 43 : 3.973355938806799  
FV at Mutated Child #2 at Generation # 43 : 40.0109876905728  
--> Family: # 2

FV at Mutated Child #1 at Generation # 43 : 30.140984730468105  
FV at Mutated Child #2 at Generation # 43 : 110.14355698162016  
--> Family: # 3

FV at Mutated Child #1 at Generation # 43 : 3.647785594271209  
FV at Mutated Child #2 at Generation # 43 : 4.0110754059121625  
--> Family: # 4

FV at Mutated Child #1 at Generation # 43 : 3.55142266989386  
FV at Mutated Child #2 at Generation # 43 : 12.048366884039629  
--> Family: # 5

FV at Mutated Child #1 at Generation # 43 : 147.00773832557996  
FV at Mutated Child #2 at Generation # 43 : 42.120407586883886  
--> Family: # 6

FV at Mutated Child #1 at Generation # 43 : 1.3572228361775132  
FV at Mutated Child #2 at Generation # 43 : 0.9222312944217689  
--> Family: # 7

FV at Mutated Child #1 at Generation # 43 : 154.9075095241013  
FV at Mutated Child #2 at Generation # 43 : 44.1526877811866  
--> Family: # 8

FV at Mutated Child #1 at Generation # 43 : 154.9075095241013  
FV at Mutated Child #2 at Generation # 43 : 52715.1842080284  
--> Family: # 9

FV at Mutated Child #1 at Generation # 43 : 4.366428801882707  
FV at Mutated Child #2 at Generation # 43 : 1.5330137240978159  
--> Family: # 10

FV at Mutated Child #1 at Generation # 43 : 34.399957793228594  
FV at Mutated Child #2 at Generation # 43 : 15.736117682352416  
--> Family: # 11

FV at Mutated Child #1 at Generation # 43 : 159.86806057271366  
FV at Mutated Child #2 at Generation # 43 : 2.1040286013415437  
--> Family: # 12

FV at Mutated Child #1 at Generation # 43 : 2.9658338290148842  
FV at Mutated Child #2 at Generation # 43 : 11.523548938046622  
--> Family: # 13

FV at Mutated Child #1 at Generation # 43 : 2.955538196445434  
FV at Mutated Child #2 at Generation # 43 : 3.0489350829146287  
--> Family: # 14

FV at Mutated Child #1 at Generation # 43 : 1.488290331481053  
FV at Mutated Child #2 at Generation # 43 : 1.565486539794728  
--> Family: # 15

FV at Mutated Child #1 at Generation # 43 : 166.09709679290927



FV at Mutated Child #2 at Generation # 43 : 10.641748244926735

--> Family: # 16

FV at Mutated Child #1 at Generation # 43 : 0.8112516662320832

FV at Mutated Child #2 at Generation # 43 : 1.5029391429479135

--> Family: # 17

FV at Mutated Child #1 at Generation # 43 : 1.787659668972828

FV at Mutated Child #2 at Generation # 43 : 635.3782986194122

--> Family: # 18

FV at Mutated Child #1 at Generation # 43 : 22.193859659426845

FV at Mutated Child #2 at Generation # 43 : 3.383423774528369

--> Family: # 19

FV at Mutated Child #1 at Generation # 43 : 154.22381725205997

FV at Mutated Child #2 at Generation # 43 : 0.8579943184031148

--> Family: # 20

FV at Mutated Child #1 at Generation # 43 : 7.561759013096665

FV at Mutated Child #2 at Generation # 43 : 1.1755019010604546

--> Family: # 21

FV at Mutated Child #1 at Generation # 43 : 42.75410934802955

FV at Mutated Child #2 at Generation # 43 : 585.9954603132076

--> Family: # 22

FV at Mutated Child #1 at Generation # 43 : 1.1997825631871823

FV at Mutated Child #2 at Generation # 43 : 0.8476756568062931

--> Family: # 23

FV at Mutated Child #1 at Generation # 43 : 1.1755019010604546

FV at Mutated Child #2 at Generation # 43 : 3.195062626666118

--> Family: # 24

FV at Mutated Child #1 at Generation # 43 : 2.6803667823803266

FV at Mutated Child #2 at Generation # 43 : 28.446529601851253

--> Family: # 25

FV at Mutated Child #1 at Generation # 43 : 31.618168217209423

FV at Mutated Child #2 at Generation # 43 : 1.3428825990436843

--> Family: # 26

FV at Mutated Child #1 at Generation # 43 : 1.2834708831716877

FV at Mutated Child #2 at Generation # 43 : 593.6409562547586

--> Family: # 27

FV at Mutated Child #1 at Generation # 43 : 2526.147918420248

FV at Mutated Child #2 at Generation # 43 : 1.9057908883632062

--> Family: # 28

FV at Mutated Child #1 at Generation # 43 : 2.948351826503538

FV at Mutated Child #2 at Generation # 43 : 1.1680262600922524

--> Family: # 29

FV at Mutated Child #1 at Generation # 43 : 4.117436674475461

FV at Mutated Child #2 at Generation # 43 : 145.35500653012664

--> Family: # 30

FV at Mutated Child #1 at Generation # 43 : 1.3380690834268223

FV at Mutated Child #2 at Generation # 43 : 11.31524519317895

--> Family: # 31

FV at Mutated Child #1 at Generation # 43 : 2.7148070654362817

FV at Mutated Child #2 at Generation # 43 : 9.109957962446302

--> Family: # 32

FV at Mutated Child #1 at Generation # 43 : 580.2621088728173

FV at Mutated Child #2 at Generation # 43 : 2.8816160665702886

--> Family: # 33

FV at Mutated Child #1 at Generation # 43 : 11.840857991114447

FV at Mutated Child #2 at Generation # 43 : 1.0487202611718263

--> Family: # 34

FV at Mutated Child #1 at Generation # 43 : 30.948452603066002

FV at Mutated Child #2 at Generation # 43 : 11.460403619710386

--> Family: # 35

FV at Mutated Child #1 at Generation # 43 : 0.8112516662320832

FV at Mutated Child #2 at Generation # 43 : 33.83732803222683

--> Family: # 36

FV at Mutated Child #1 at Generation # 43 : 4.57624251615112

FV at Mutated Child #2 at Generation # 43 : 1.5185809836702955

--> Family: # 37

FV at Mutated Child #1 at Generation # 43 : 621.9562251791193

FV at Mutated Child #2 at Generation # 43 : 572.7246014060136

--> Family: # 38

FV at Mutated Child #1 at Generation # 43 : 44.905032106372815

FV at Mutated Child #2 at Generation # 43 : 1.2255226144933586

--> Family: # 39

FV at Mutated Child #1 at Generation # 43 : 12.095105104386885

FV at Mutated Child #2 at Generation # 43 : 1.5220735409000894

--> Family: # 40

FV at Mutated Child #1 at Generation # 43 : 34.399957793228594

FV at Mutated Child #2 at Generation # 43 : 2.948351826503538

--> Family: # 41

FV at Mutated Child #1 at Generation # 43 : 34.5891507939285

FV at Mutated Child #2 at Generation # 43 : 2.8990819232715115

--> Family: # 42

FV at Mutated Child #1 at Generation # 43 : 38.636550318865865

FV at Mutated Child #2 at Generation # 43 : 3.4600783883940593

--> Family: # 43

FV at Mutated Child #1 at Generation # 43 : 641.2397461398965

FV at Mutated Child #2 at Generation # 43 : 4.017814003425045

--> Family: # 44

FV at Mutated Child #1 at Generation # 43 : 2474.5625087852754

FV at Mutated Child #2 at Generation # 43 : 617.6221396968068

--> Family: # 45

FV at Mutated Child #1 at Generation # 43 : 3.0633050105217934

FV at Mutated Child #2 at Generation # 43 : 39.94745066595097

--> Family: # 46

FV at Mutated Child #1 at Generation # 43 : 32.99699851740523  
FV at Mutated Child #2 at Generation # 43 : 11.124237413421149  
--> Family: # 47

FV at Mutated Child #1 at Generation # 43 : 0.8684527219054122  
FV at Mutated Child #2 at Generation # 43 : 634.4597643009437  
--> Family: # 48

FV at Mutated Child #1 at Generation # 43 : 11.31847017436774  
FV at Mutated Child #2 at Generation # 43 : 1.0294614448255368  
--> Family: # 49

FV at Mutated Child #1 at Generation # 43 : 6.443434008324042  
FV at Mutated Child #2 at Generation # 43 : 31.754246201075606  
--> Family: # 50

FV at Mutated Child #1 at Generation # 43 : 3.297791885283818  
FV at Mutated Child #2 at Generation # 43 : 5.303060641009543  
--> Family: # 51

FV at Mutated Child #1 at Generation # 43 : 614.6347048288914  
FV at Mutated Child #2 at Generation # 43 : 22.533612420980205  
--> Family: # 52

FV at Mutated Child #1 at Generation # 43 : 30.327387641541254  
FV at Mutated Child #2 at Generation # 43 : 34.45370405058985  
--> Family: # 53

FV at Mutated Child #1 at Generation # 43 : 1.6643704710695144  
FV at Mutated Child #2 at Generation # 43 : 38.275797528184334  
--> Family: # 54

FV at Mutated Child #1 at Generation # 43 : 1.2890678112882212  
FV at Mutated Child #2 at Generation # 43 : 8.851869311883679  
--> Family: # 55

FV at Mutated Child #1 at Generation # 43 : 2.0202153115923367  
FV at Mutated Child #2 at Generation # 43 : 20.78477040050647  
--> Family: # 56

FV at Mutated Child #1 at Generation # 43 : 1.0360554977339715  
FV at Mutated Child #2 at Generation # 43 : 148.36091007512846  
--> Family: # 57

FV at Mutated Child #1 at Generation # 43 : 3.087143612817339  
FV at Mutated Child #2 at Generation # 43 : 12.887682347813442  
--> Family: # 58

FV at Mutated Child #1 at Generation # 43 : 10.043571009269293  
FV at Mutated Child #2 at Generation # 43 : 614.3362364777457  
--> Family: # 59

FV at Mutated Child #1 at Generation # 43 : 1.931998938241711  
FV at Mutated Child #2 at Generation # 43 : 1.3160229699532275  
--> Family: # 60

FV at Mutated Child #1 at Generation # 43 : 3.1843019994778095  
FV at Mutated Child #2 at Generation # 43 : 5.775584482493904  
--> Family: # 61

FV at Mutated Child #1 at Generation # 43 : 1.4806141923920497  
FV at Mutated Child #2 at Generation # 43 : 0.9222312944217689  
--> Family: # 62

FV at Mutated Child #1 at Generation # 43 : 3.9599184361651347  
FV at Mutated Child #2 at Generation # 43 : 3.1402473810359695  
--> Family: # 63

FV at Mutated Child #1 at Generation # 43 : 147.19606205363263  
FV at Mutated Child #2 at Generation # 43 : 44.63725305041412  
--> Family: # 64

FV at Mutated Child #1 at Generation # 43 : 140.76468397620243  
FV at Mutated Child #2 at Generation # 43 : 1.6071738478307154  
--> Family: # 65

FV at Mutated Child #1 at Generation # 43 : 7.931643481243869  
FV at Mutated Child #2 at Generation # 43 : 1.0502328871885385  
--> Family: # 66

FV at Mutated Child #1 at Generation # 43 : 34.83711866571387  
FV at Mutated Child #2 at Generation # 43 : 133.46828499333057  
--> Family: # 67

FV at Mutated Child #1 at Generation # 43 : 2.295333370068643  
FV at Mutated Child #2 at Generation # 43 : 10.244690511352374  
--> Family: # 68

FV at Mutated Child #1 at Generation # 43 : 2.5301285655980728  
FV at Mutated Child #2 at Generation # 43 : 0.8200820685272765  
--> Family: # 69

FV at Mutated Child #1 at Generation # 43 : 0.8112516662320832  
FV at Mutated Child #2 at Generation # 43 : 3.600958302493744  
--> Family: # 70

FV at Mutated Child #1 at Generation # 43 : 1.2313796401573551  
FV at Mutated Child #2 at Generation # 43 : 9.866126549138437  
--> Family: # 71

FV at Mutated Child #1 at Generation # 43 : 38.442041607570175  
FV at Mutated Child #2 at Generation # 43 : 31.896295110181793  
--> Family: # 72

FV at Mutated Child #1 at Generation # 43 : 5.910612801952912  
FV at Mutated Child #2 at Generation # 43 : 3.649466629366951  
--> Family: # 73

FV at Mutated Child #1 at Generation # 43 : 31.673016844879662  
FV at Mutated Child #2 at Generation # 43 : 2.0965169738524914  
--> Family: # 74

FV at Mutated Child #1 at Generation # 43 : 3.3538437450358334  
FV at Mutated Child #2 at Generation # 43 : 3.4856241916673656  
--> Family: # 75

FV at Mutated Child #1 at Generation # 43 : 1.428266358868536  
FV at Mutated Child #2 at Generation # 43 : 2483.6572713867417  
--> Family: # 76

FV at Mutated Child #1 at Generation # 43 : 44.15318514820158

FV at Mutated Child #2 at Generation # 43 : 4.3248627385947565

--> Family: # 77

FV at Mutated Child #1 at Generation # 43 : 12.685596625615721

FV at Mutated Child #2 at Generation # 43 : 38.09724205591513

--> Family: # 78

FV at Mutated Child #1 at Generation # 43 : 35.916902437710945

FV at Mutated Child #2 at Generation # 43 : 36.70669660187579

--> Family: # 79

FV at Mutated Child #1 at Generation # 43 : 7.277570377910431

FV at Mutated Child #2 at Generation # 43 : 1.2149008920611872

--> Family: # 80

FV at Mutated Child #1 at Generation # 43 : 33.09280224064485

FV at Mutated Child #2 at Generation # 43 : 2.8033003578194817

--> Generation: # 44

--> Family: # 1

FV at Mutated Child #1 at Generation # 44 : 31.928565141753044

FV at Mutated Child #2 at Generation # 44 : 30.396061948135603

--> Family: # 2

FV at Mutated Child #1 at Generation # 44 : 29.74688590074032

FV at Mutated Child #2 at Generation # 44 : 139.1394632363835

--> Family: # 3

FV at Mutated Child #1 at Generation # 44 : 2.159839184646223

FV at Mutated Child #2 at Generation # 44 : 3.9663840486873227

--> Family: # 4

FV at Mutated Child #1 at Generation # 44 : 515.8914312903818

FV at Mutated Child #2 at Generation # 44 : 2.7879843727064104

--> Family: # 5

FV at Mutated Child #1 at Generation # 44 : 602.3171241773681

FV at Mutated Child #2 at Generation # 44 : 7.825790324528581

--> Family: # 6

FV at Mutated Child #1 at Generation # 44 : 0.6933952018197878

FV at Mutated Child #2 at Generation # 44 : 1.5012698533010216

--> Family: # 7

FV at Mutated Child #1 at Generation # 44 : 34.054839046123945

FV at Mutated Child #2 at Generation # 44 : 0.6559312014203265

--> Family: # 8

FV at Mutated Child #1 at Generation # 44 : 34.10338049909016

FV at Mutated Child #2 at Generation # 44 : 0.756051005080608

--> Family: # 9

FV at Mutated Child #1 at Generation # 44 : 1.135036057689239

FV at Mutated Child #2 at Generation # 44 : 138.23323131960177

--> Family: # 10

FV at Mutated Child #1 at Generation # 44 : 1.8868804440387263

FV at Mutated Child #2 at Generation # 44 : 27.114281113689543

--> Family: # 11

FV at Mutated Child #1 at Generation # 44 : 1.295673595884755

FV at Mutated Child #2 at Generation # 44 : 4.050228728159814  
--> Family: # 12

FV at Mutated Child #1 at Generation # 44 : 1.112386613137779  
FV at Mutated Child #2 at Generation # 44 : 1.1263360009731058  
--> Family: # 13

FV at Mutated Child #1 at Generation # 44 : 532.6532923997348  
FV at Mutated Child #2 at Generation # 44 : 2435.0862541110887  
--> Family: # 14

FV at Mutated Child #1 at Generation # 44 : 0.7873181393020134  
FV at Mutated Child #2 at Generation # 44 : 1.0072583837986486  
--> Family: # 15

FV at Mutated Child #1 at Generation # 44 : 0.9083162832569732  
FV at Mutated Child #2 at Generation # 44 : 19.1210425976525  
--> Family: # 16

FV at Mutated Child #1 at Generation # 44 : 0.6567146195671311  
FV at Mutated Child #2 at Generation # 44 : 362.2160632991847  
--> Family: # 17

FV at Mutated Child #1 at Generation # 44 : 0.6254638334230455  
FV at Mutated Child #2 at Generation # 44 : 33.954308297217445  
--> Family: # 18

FV at Mutated Child #1 at Generation # 44 : 118.04801203578863  
FV at Mutated Child #2 at Generation # 44 : 1.3874336073453768  
--> Family: # 19

FV at Mutated Child #1 at Generation # 44 : 0.753831785159645  
FV at Mutated Child #2 at Generation # 44 : 0.7305497903635559  
--> Family: # 20

FV at Mutated Child #1 at Generation # 44 : 147.0987886053674  
FV at Mutated Child #2 at Generation # 44 : 4.660694787343215  
--> Family: # 21

FV at Mutated Child #1 at Generation # 44 : 1.8793760155326558  
FV at Mutated Child #2 at Generation # 44 : 0.6863365240266511  
--> Family: # 22

FV at Mutated Child #1 at Generation # 44 : 23.260446948780054  
FV at Mutated Child #2 at Generation # 44 : 2.243292621880048  
--> Family: # 23

FV at Mutated Child #1 at Generation # 44 : 0.6326001192960554  
FV at Mutated Child #2 at Generation # 44 : 147.4595251662004  
--> Family: # 24

FV at Mutated Child #1 at Generation # 44 : 127.51486819216349  
FV at Mutated Child #2 at Generation # 44 : 137.5739951184092  
--> Family: # 25

FV at Mutated Child #1 at Generation # 44 : 132.75143077876498  
FV at Mutated Child #2 at Generation # 44 : 114.54451608896996  
--> Family: # 26

FV at Mutated Child #1 at Generation # 44 : 5.793794214112308  
FV at Mutated Child #2 at Generation # 44 : 0.9997799835963105

--> Family: # 27

FV at Mutated Child #1 at Generation # 44 : 7.124265104241638  
FV at Mutated Child #2 at Generation # 44 : 0.8498012319606438

--> Family: # 28

FV at Mutated Child #1 at Generation # 44 : 1.0273834879369375  
FV at Mutated Child #2 at Generation # 44 : 5.334384899850332

--> Family: # 29

FV at Mutated Child #1 at Generation # 44 : 28.73542225584418  
FV at Mutated Child #2 at Generation # 44 : 18.84111340823135

--> Family: # 30

FV at Mutated Child #1 at Generation # 44 : 2239.3578111875217  
FV at Mutated Child #2 at Generation # 44 : 0.6382784129558824

--> Family: # 31

FV at Mutated Child #1 at Generation # 44 : 0.6173896172995547  
FV at Mutated Child #2 at Generation # 44 : 0.6753942944394125

--> Family: # 32

FV at Mutated Child #1 at Generation # 44 : 1.173147164017632  
FV at Mutated Child #2 at Generation # 44 : 133.81439393673745

--> Family: # 33

FV at Mutated Child #1 at Generation # 44 : 1.0704003809110598  
FV at Mutated Child #2 at Generation # 44 : 3.2244050819104517

--> Family: # 34

FV at Mutated Child #1 at Generation # 44 : 0.6851911119655145  
FV at Mutated Child #2 at Generation # 44 : 1.2475812722205362

--> Family: # 35

FV at Mutated Child #1 at Generation # 44 : 2.9138114359772933  
FV at Mutated Child #2 at Generation # 44 : 0.7448644417610379

--> Family: # 36

FV at Mutated Child #1 at Generation # 44 : 3.4639961290099635  
FV at Mutated Child #2 at Generation # 44 : 0.6390653943827583

--> Family: # 37

FV at Mutated Child #1 at Generation # 44 : 1.003504380105481  
FV at Mutated Child #2 at Generation # 44 : 1.3575519529876807

--> Family: # 38

FV at Mutated Child #1 at Generation # 44 : 0.7207790639200068  
FV at Mutated Child #2 at Generation # 44 : 90.53953690960178

--> Family: # 39

FV at Mutated Child #1 at Generation # 44 : 8.418967248376346  
FV at Mutated Child #2 at Generation # 44 : 4.962625404320103

--> Family: # 40

FV at Mutated Child #1 at Generation # 44 : 3.2131855444673487  
FV at Mutated Child #2 at Generation # 44 : 8.51853395380185

--> Family: # 41

FV at Mutated Child #1 at Generation # 44 : 4.390110498023599  
FV at Mutated Child #2 at Generation # 44 : 1.1706993747541514

--> Family: # 42

FV at Mutated Child #1 at Generation # 44 : 1.0006478366786467  
FV at Mutated Child #2 at Generation # 44 : 427.7574403344638  
--> Family: # 43

FV at Mutated Child #1 at Generation # 44 : 0.714272306675653  
FV at Mutated Child #2 at Generation # 44 : 0.7903030535759872  
--> Family: # 44

FV at Mutated Child #1 at Generation # 44 : 23.095166279331348  
FV at Mutated Child #2 at Generation # 44 : 1.2648589484339778  
--> Family: # 45

FV at Mutated Child #1 at Generation # 44 : 548.035046808552  
FV at Mutated Child #2 at Generation # 44 : 146.09251666656857  
--> Family: # 46

FV at Mutated Child #1 at Generation # 44 : 0.7295227036959819  
FV at Mutated Child #2 at Generation # 44 : 4.719481605089789  
--> Family: # 47

FV at Mutated Child #1 at Generation # 44 : 486.3680986460321  
FV at Mutated Child #2 at Generation # 44 : 148.8696326292676  
--> Family: # 48

FV at Mutated Child #1 at Generation # 44 : 0.6834170680484983  
FV at Mutated Child #2 at Generation # 44 : 11.717442220328483  
--> Family: # 49

FV at Mutated Child #1 at Generation # 44 : 1.296721010930476  
FV at Mutated Child #2 at Generation # 44 : 1.2377003303055962  
--> Family: # 50

FV at Mutated Child #1 at Generation # 44 : 134.46691267777757  
FV at Mutated Child #2 at Generation # 44 : 2.62813778424536  
--> Family: # 51

FV at Mutated Child #1 at Generation # 44 : 0.6837794505870113  
FV at Mutated Child #2 at Generation # 44 : 7.020409547466217  
--> Family: # 52

FV at Mutated Child #1 at Generation # 44 : 22.342108932990154  
FV at Mutated Child #2 at Generation # 44 : 32.798960689876345  
--> Family: # 53

FV at Mutated Child #1 at Generation # 44 : 601.5049802998132  
FV at Mutated Child #2 at Generation # 44 : 116.90906363830914  
--> Family: # 54

FV at Mutated Child #1 at Generation # 44 : 0.7003683902579978  
FV at Mutated Child #2 at Generation # 44 : 0.740413749654269  
--> Family: # 55

FV at Mutated Child #1 at Generation # 44 : 33.53569413063966  
FV at Mutated Child #2 at Generation # 44 : 2.616592168034657  
--> Family: # 56

FV at Mutated Child #1 at Generation # 44 : 24.225039139632212  
FV at Mutated Child #2 at Generation # 44 : 571.0567784854867  
--> Family: # 57



FV at Mutated Child #1 at Generation # 44 : 0.7439511677772116  
FV at Mutated Child #2 at Generation # 44 : 0.6283680024534566  
--> Family: # 58

FV at Mutated Child #1 at Generation # 44 : 127.29252254085758  
FV at Mutated Child #2 at Generation # 44 : 27.329281912515665  
--> Family: # 59

FV at Mutated Child #1 at Generation # 44 : 1.1822143842040163  
FV at Mutated Child #2 at Generation # 44 : 6.481769058887578  
--> Family: # 60

FV at Mutated Child #1 at Generation # 44 : 5.814426326500287  
FV at Mutated Child #2 at Generation # 44 : 139.96097198420262  
--> Family: # 61

FV at Mutated Child #1 at Generation # 44 : 6.411981040546539  
FV at Mutated Child #2 at Generation # 44 : 28.662930484885887  
--> Family: # 62

FV at Mutated Child #1 at Generation # 44 : 4.6267334112607355  
FV at Mutated Child #2 at Generation # 44 : 137.67829392775974  
--> Family: # 63

FV at Mutated Child #1 at Generation # 44 : 120.08217349012403  
FV at Mutated Child #2 at Generation # 44 : 133.26115074463948  
--> Family: # 64

FV at Mutated Child #1 at Generation # 44 : 140.14882352540891  
FV at Mutated Child #2 at Generation # 44 : 35.67376787897314  
--> Family: # 65

FV at Mutated Child #1 at Generation # 44 : 0.7074987882344512  
FV at Mutated Child #2 at Generation # 44 : 0.8242597442070776  
--> Family: # 66

FV at Mutated Child #1 at Generation # 44 : 8.910579380250022  
FV at Mutated Child #2 at Generation # 44 : 5.029298608415177  
--> Family: # 67

FV at Mutated Child #1 at Generation # 44 : 4.565342158920692  
FV at Mutated Child #2 at Generation # 44 : 468.36167874501876  
--> Family: # 68

FV at Mutated Child #1 at Generation # 44 : 478.4803449852174  
FV at Mutated Child #2 at Generation # 44 : 5.768168109432929  
--> Family: # 69

FV at Mutated Child #1 at Generation # 44 : 2.122298167419073  
FV at Mutated Child #2 at Generation # 44 : 0.9562361702972659  
--> Family: # 70

FV at Mutated Child #1 at Generation # 44 : 545.7523175562183  
FV at Mutated Child #2 at Generation # 44 : 0.7907284907730565  
--> Family: # 71

FV at Mutated Child #1 at Generation # 44 : 0.9736046231684853  
FV at Mutated Child #2 at Generation # 44 : 0.9997799835963105  
--> Family: # 72

FV at Mutated Child #1 at Generation # 44 : 16.49428860546496

FV at Mutated Child #2 at Generation # 44 : 1.0079286132848282  
--> Family: # 73

FV at Mutated Child #1 at Generation # 44 : 7.436649725348102  
FV at Mutated Child #2 at Generation # 44 : 0.9056555491487503  
--> Family: # 74

FV at Mutated Child #1 at Generation # 44 : 1.2599193682959622  
FV at Mutated Child #2 at Generation # 44 : 8.253977454892187  
--> Family: # 75

FV at Mutated Child #1 at Generation # 44 : 0.6966900654397411  
FV at Mutated Child #2 at Generation # 44 : 31.83431061662614  
--> Family: # 76

FV at Mutated Child #1 at Generation # 44 : 1.0617953055776905  
FV at Mutated Child #2 at Generation # 44 : 0.6193238047646119  
--> Family: # 77

FV at Mutated Child #1 at Generation # 44 : 31.585915004125816  
FV at Mutated Child #2 at Generation # 44 : 0.91731724752557  
--> Family: # 78

FV at Mutated Child #1 at Generation # 44 : 0.6546502376556965  
FV at Mutated Child #2 at Generation # 44 : 1.1787032391570174  
--> Family: # 79

FV at Mutated Child #1 at Generation # 44 : 28.029454404800713  
FV at Mutated Child #2 at Generation # 44 : 2.246857427427833  
--> Family: # 80

FV at Mutated Child #1 at Generation # 44 : 4.903886079757433  
FV at Mutated Child #2 at Generation # 44 : 0.9056555491487503  
--> Generation: # 45  
--> Family: # 1

FV at Mutated Child #1 at Generation # 45 : 10.272075412896509  
FV at Mutated Child #2 at Generation # 45 : 4.318090253850569  
--> Family: # 2

FV at Mutated Child #1 at Generation # 45 : 24.141460101976268  
FV at Mutated Child #2 at Generation # 45 : 3.2453719200858764  
--> Family: # 3

FV at Mutated Child #1 at Generation # 45 : 30.140984730468105  
FV at Mutated Child #2 at Generation # 45 : 139.7952653866139  
--> Family: # 4

FV at Mutated Child #1 at Generation # 45 : 44.21644920777326  
FV at Mutated Child #2 at Generation # 45 : 1.5183358596292185  
--> Family: # 5

FV at Mutated Child #1 at Generation # 45 : 1.46388437186798  
FV at Mutated Child #2 at Generation # 45 : 3.8853340975606763  
--> Family: # 6

FV at Mutated Child #1 at Generation # 45 : 1.3428825990436843  
FV at Mutated Child #2 at Generation # 45 : 153.2183659938832  
--> Family: # 7

FV at Mutated Child #1 at Generation # 45 : 161.47032804520083

FV at Mutated Child #2 at Generation # 45 : 629.6367880528462  
--> Family: # 8

FV at Mutated Child #1 at Generation # 45 : 1.843946924120583  
FV at Mutated Child #2 at Generation # 45 : 2.2751607380699976  
--> Family: # 9

FV at Mutated Child #1 at Generation # 45 : 4.703010903996473  
FV at Mutated Child #2 at Generation # 45 : 6.279315641351293  
--> Family: # 10

FV at Mutated Child #1 at Generation # 45 : 159.8747884938507  
FV at Mutated Child #2 at Generation # 45 : 19.47904855203713  
--> Family: # 11

FV at Mutated Child #1 at Generation # 45 : 0.7377899088760034  
FV at Mutated Child #2 at Generation # 45 : 7.044178511088337  
--> Family: # 12

FV at Mutated Child #1 at Generation # 45 : 6.120978443815023  
FV at Mutated Child #2 at Generation # 45 : 0.877451354592566  
--> Family: # 13

FV at Mutated Child #1 at Generation # 45 : 2.2213591642826316  
FV at Mutated Child #2 at Generation # 45 : 10.393225214953798  
--> Family: # 14

FV at Mutated Child #1 at Generation # 45 : 1.2277390481816974  
FV at Mutated Child #2 at Generation # 45 : 153.39480945151024  
--> Family: # 15

FV at Mutated Child #1 at Generation # 45 : 3.6983279273216136  
FV at Mutated Child #2 at Generation # 45 : 6.542998527940073  
--> Family: # 16

FV at Mutated Child #1 at Generation # 45 : 0.8594888259340535  
FV at Mutated Child #2 at Generation # 45 : 27.98037526672016  
--> Family: # 17

FV at Mutated Child #1 at Generation # 45 : 2.6391488598698998  
FV at Mutated Child #2 at Generation # 45 : 1.9570175722474286  
--> Family: # 18

FV at Mutated Child #1 at Generation # 45 : 594.2952086756969  
FV at Mutated Child #2 at Generation # 45 : 22.38902359576828  
--> Family: # 19

FV at Mutated Child #1 at Generation # 45 : 1.495255691509383  
FV at Mutated Child #2 at Generation # 45 : 558.1141031426203  
--> Family: # 20

FV at Mutated Child #1 at Generation # 45 : 8.78581524757397  
FV at Mutated Child #2 at Generation # 45 : 152.80996483994275  
--> Family: # 21

FV at Mutated Child #1 at Generation # 45 : 149.57051651049332  
FV at Mutated Child #2 at Generation # 45 : 161.7289609517036  
--> Family: # 22

FV at Mutated Child #1 at Generation # 45 : 156.113470307603  
FV at Mutated Child #2 at Generation # 45 : 1.6664755243487823

--> Family: # 23

FV at Mutated Child #1 at Generation # 45 : 22.20943527018688  
FV at Mutated Child #2 at Generation # 45 : 3.8426616362035966

--> Family: # 24

FV at Mutated Child #1 at Generation # 45 : 0.8226556272472063  
FV at Mutated Child #2 at Generation # 45 : 1.6784622834289318

--> Family: # 25

FV at Mutated Child #1 at Generation # 45 : 2.8439206718882755  
FV at Mutated Child #2 at Generation # 45 : 141.1047153437678

--> Family: # 26

FV at Mutated Child #1 at Generation # 45 : 1.1862623582108611  
FV at Mutated Child #2 at Generation # 45 : 16.662596506747967

--> Family: # 27

FV at Mutated Child #1 at Generation # 45 : 609.5066932337754  
FV at Mutated Child #2 at Generation # 45 : 2.38438886967091

--> Family: # 28

FV at Mutated Child #1 at Generation # 45 : 2.8402807336665967  
FV at Mutated Child #2 at Generation # 45 : 12.988831017813325

--> Family: # 29

FV at Mutated Child #1 at Generation # 45 : 3.424111039425651  
FV at Mutated Child #2 at Generation # 45 : 1.4210876155029837

--> Family: # 30

FV at Mutated Child #1 at Generation # 45 : 5.86105801363594  
FV at Mutated Child #2 at Generation # 45 : 1.1205601563941636

--> Family: # 31

FV at Mutated Child #1 at Generation # 45 : 139.85114594287322  
FV at Mutated Child #2 at Generation # 45 : 1.174641162225814

--> Family: # 32

FV at Mutated Child #1 at Generation # 45 : 10.27198450696166  
FV at Mutated Child #2 at Generation # 45 : 3.2789607913794883

--> Family: # 33

FV at Mutated Child #1 at Generation # 45 : 10.244690511352374  
FV at Mutated Child #2 at Generation # 45 : 1.9836568123262088

--> Family: # 34

FV at Mutated Child #1 at Generation # 45 : 0.9626995080390791  
FV at Mutated Child #2 at Generation # 45 : 2.472006296182687

--> Family: # 35

FV at Mutated Child #1 at Generation # 45 : 3.3538437450358334  
FV at Mutated Child #2 at Generation # 45 : 6.443434008324042

--> Family: # 36

FV at Mutated Child #1 at Generation # 45 : 1.2115025100310255  
FV at Mutated Child #2 at Generation # 45 : 137.3470180884998

--> Family: # 37

FV at Mutated Child #1 at Generation # 45 : 12.284498107108274  
FV at Mutated Child #2 at Generation # 45 : 7.567121351936537

--> Family: # 38

FV at Mutated Child #1 at Generation # 45 : 10.67171498075378  
FV at Mutated Child #2 at Generation # 45 : 2.7430115500435823  
--> Family: # 39

FV at Mutated Child #1 at Generation # 45 : 19.052891396650658  
FV at Mutated Child #2 at Generation # 45 : 0.8476756568062931  
--> Family: # 40

FV at Mutated Child #1 at Generation # 45 : 9.09746761321159  
FV at Mutated Child #2 at Generation # 45 : 616.8734488458102  
--> Family: # 41

FV at Mutated Child #1 at Generation # 45 : 39.45452442533933  
FV at Mutated Child #2 at Generation # 45 : 7.34970879943917  
--> Family: # 42

FV at Mutated Child #1 at Generation # 45 : 41.337644383766  
FV at Mutated Child #2 at Generation # 45 : 0.9422730405773128  
--> Family: # 43

FV at Mutated Child #1 at Generation # 45 : 105.14531886007612  
FV at Mutated Child #2 at Generation # 45 : 10.27198450696166  
--> Family: # 44

FV at Mutated Child #1 at Generation # 45 : 6.881460454526085  
FV at Mutated Child #2 at Generation # 45 : 1.6187094688090076  
--> Family: # 45

FV at Mutated Child #1 at Generation # 45 : 141.78615951475467  
FV at Mutated Child #2 at Generation # 45 : 2.7148070654362817  
--> Family: # 46

FV at Mutated Child #1 at Generation # 45 : 10.210715825284145  
FV at Mutated Child #2 at Generation # 45 : 2.407021930711176  
--> Family: # 47

FV at Mutated Child #1 at Generation # 45 : 28.87616182182689  
FV at Mutated Child #2 at Generation # 45 : 12.530162395490848  
--> Family: # 48

FV at Mutated Child #1 at Generation # 45 : 32.033002694920185  
FV at Mutated Child #2 at Generation # 45 : 37.500142030815816  
--> Family: # 49

FV at Mutated Child #1 at Generation # 45 : 6.542785047827474  
FV at Mutated Child #2 at Generation # 45 : 10.393225214953798  
--> Family: # 50

FV at Mutated Child #1 at Generation # 45 : 11.620159771732572  
FV at Mutated Child #2 at Generation # 45 : 3.0489350829146287  
--> Family: # 51

FV at Mutated Child #1 at Generation # 45 : 1.3095706823047575  
FV at Mutated Child #2 at Generation # 45 : 137.18278113216786  
--> Family: # 52

FV at Mutated Child #1 at Generation # 45 : 7.719676286147125  
FV at Mutated Child #2 at Generation # 45 : 1.915096570608649  
--> Family: # 53

FV at Mutated Child #1 at Generation # 45 : 39.606824057481404  
FV at Mutated Child #2 at Generation # 45 : 3.8588043158356617  
--> Family: # 54

FV at Mutated Child #1 at Generation # 45 : 1.6784622834289318  
FV at Mutated Child #2 at Generation # 45 : 1.8706635120430501  
--> Family: # 55

FV at Mutated Child #1 at Generation # 45 : 1.9762050895205738  
FV at Mutated Child #2 at Generation # 45 : 2500.005004914534  
--> Family: # 56

FV at Mutated Child #1 at Generation # 45 : 1960.2694033958053  
FV at Mutated Child #2 at Generation # 45 : 2.291607258270484  
--> Family: # 57

FV at Mutated Child #1 at Generation # 45 : 2543.0404483292123  
FV at Mutated Child #2 at Generation # 45 : 5.055466512705  
--> Family: # 58

FV at Mutated Child #1 at Generation # 45 : 163.20486738670104  
FV at Mutated Child #2 at Generation # 45 : 1.7123208732578994  
--> Family: # 59

FV at Mutated Child #1 at Generation # 45 : 154.97662108503096  
FV at Mutated Child #2 at Generation # 45 : 1.894748402271114  
--> Family: # 60

FV at Mutated Child #1 at Generation # 45 : 124.50081539368401  
FV at Mutated Child #2 at Generation # 45 : 5.757782499946562  
--> Family: # 61

FV at Mutated Child #1 at Generation # 45 : 3.4392555075836326  
FV at Mutated Child #2 at Generation # 45 : 598.8379565346664  
--> Family: # 62

FV at Mutated Child #1 at Generation # 45 : 156.24892941211414  
FV at Mutated Child #2 at Generation # 45 : 7.201795060081615  
--> Family: # 63

FV at Mutated Child #1 at Generation # 45 : 6.648135666150759  
FV at Mutated Child #2 at Generation # 45 : 3.17356064078228  
--> Family: # 64

FV at Mutated Child #1 at Generation # 45 : 1.4502980404187125  
FV at Mutated Child #2 at Generation # 45 : 31.211722841591325  
--> Family: # 65

FV at Mutated Child #1 at Generation # 45 : 5.135286034066351  
FV at Mutated Child #2 at Generation # 45 : 22.90801070726516  
--> Family: # 66

FV at Mutated Child #1 at Generation # 45 : 9.014269222045112  
FV at Mutated Child #2 at Generation # 45 : 130.19724747192697  
--> Family: # 67

FV at Mutated Child #1 at Generation # 45 : 26.317095885700574  
FV at Mutated Child #2 at Generation # 45 : 5.447795649471605  
--> Family: # 68

FV at Mutated Child #1 at Generation # 45 : 4.003149557862086

FV at Mutated Child #2 at Generation # 45 : 33.74735364928308  
--> Family: # 69

FV at Mutated Child #1 at Generation # 45 : 157.4695014673163  
FV at Mutated Child #2 at Generation # 45 : 0.9907774418718989  
--> Family: # 70

FV at Mutated Child #1 at Generation # 45 : 10.244690511352374  
FV at Mutated Child #2 at Generation # 45 : 1.1634205289060575  
--> Family: # 71

FV at Mutated Child #1 at Generation # 45 : 6.120978443815023  
FV at Mutated Child #2 at Generation # 45 : 10.244690511352374  
--> Family: # 72

FV at Mutated Child #1 at Generation # 45 : 9.895446219264885  
FV at Mutated Child #2 at Generation # 45 : 4.437909610578879  
--> Family: # 73

FV at Mutated Child #1 at Generation # 45 : 575.5996775148335  
FV at Mutated Child #2 at Generation # 45 : 0.7304309220780956  
--> Family: # 74

FV at Mutated Child #1 at Generation # 45 : 8.42764495693517  
FV at Mutated Child #2 at Generation # 45 : 2.7338744681088025  
--> Family: # 75

FV at Mutated Child #1 at Generation # 45 : 542.4329320250855  
FV at Mutated Child #2 at Generation # 45 : 8.67568754087302  
--> Family: # 76

FV at Mutated Child #1 at Generation # 45 : 4.3123953511477575  
FV at Mutated Child #2 at Generation # 45 : 6.208005653813421  
--> Family: # 77

FV at Mutated Child #1 at Generation # 45 : 3.088062959056586  
FV at Mutated Child #2 at Generation # 45 : 34.260865106297125  
--> Family: # 78

FV at Mutated Child #1 at Generation # 45 : 7.047600824950848  
FV at Mutated Child #2 at Generation # 45 : 40.055842444178744  
--> Family: # 79

FV at Mutated Child #1 at Generation # 45 : 1.541884713734114  
FV at Mutated Child #2 at Generation # 45 : 145.37785396617656  
--> Family: # 80

FV at Mutated Child #1 at Generation # 45 : 153.89894356762602  
FV at Mutated Child #2 at Generation # 45 : 0.9204629065936966  
--> Generation: # 46  
--> Family: # 1

FV at Mutated Child #1 at Generation # 46 : 27.267607868550723  
FV at Mutated Child #2 at Generation # 46 : 0.6307300611245441  
--> Family: # 2

FV at Mutated Child #1 at Generation # 46 : 24.332826397719835  
FV at Mutated Child #2 at Generation # 46 : 26.823177152077623  
--> Family: # 3

FV at Mutated Child #1 at Generation # 46 : 0.7629028651632288

FV at Mutated Child #2 at Generation # 46 : 5.106460488318924  
--> Family: # 4

FV at Mutated Child #1 at Generation # 46 : 0.6451142953276054  
FV at Mutated Child #2 at Generation # 46 : 1.0065818216767057  
--> Family: # 5

FV at Mutated Child #1 at Generation # 46 : 28.64577084154226  
FV at Mutated Child #2 at Generation # 46 : 0.9541963934576801  
--> Family: # 6

FV at Mutated Child #1 at Generation # 46 : 10.23052986990647  
FV at Mutated Child #2 at Generation # 46 : 138.44368270700136  
--> Family: # 7

FV at Mutated Child #1 at Generation # 46 : 107.35115487994833  
FV at Mutated Child #2 at Generation # 46 : 91.85579783546878  
--> Family: # 8

FV at Mutated Child #1 at Generation # 46 : 26.419646221986802  
FV at Mutated Child #2 at Generation # 46 : 32.400712716852986  
--> Family: # 9

FV at Mutated Child #1 at Generation # 46 : 6.106025548484551  
FV at Mutated Child #2 at Generation # 46 : 4.517023185231284  
--> Family: # 10

FV at Mutated Child #1 at Generation # 46 : 1.295673595884755  
FV at Mutated Child #2 at Generation # 46 : 0.7688511732511936  
--> Family: # 11

FV at Mutated Child #1 at Generation # 46 : 138.73047847811304  
FV at Mutated Child #2 at Generation # 46 : 21.503766952952436  
--> Family: # 12

FV at Mutated Child #1 at Generation # 46 : 28.39472232829385  
FV at Mutated Child #2 at Generation # 46 : 31.037960611339006  
--> Family: # 13

FV at Mutated Child #1 at Generation # 46 : 21.952490554839425  
FV at Mutated Child #2 at Generation # 46 : 6.138766757373134  
--> Family: # 14

FV at Mutated Child #1 at Generation # 46 : 1.19605513017787  
FV at Mutated Child #2 at Generation # 46 : 1.0006478366786467  
--> Family: # 15

FV at Mutated Child #1 at Generation # 46 : 54.570743475717954  
FV at Mutated Child #2 at Generation # 46 : 36.86554744907884  
--> Family: # 16

FV at Mutated Child #1 at Generation # 46 : 2.472006296182687  
FV at Mutated Child #2 at Generation # 46 : 3.748015172918111  
--> Family: # 17

FV at Mutated Child #1 at Generation # 46 : 2383.0157137179544  
FV at Mutated Child #2 at Generation # 46 : 2.509667009234955  
--> Family: # 18

FV at Mutated Child #1 at Generation # 46 : 132.32849777409172  
FV at Mutated Child #2 at Generation # 46 : 132.32849777409172



--> Family: # 19

FV at Mutated Child #1 at Generation # 46 : 6.132415908557941  
FV at Mutated Child #2 at Generation # 46 : 1.2377003303055962

--> Family: # 20

FV at Mutated Child #1 at Generation # 46 : 7.338730546875012  
FV at Mutated Child #2 at Generation # 46 : 7.417717114795984

--> Family: # 21

FV at Mutated Child #1 at Generation # 46 : 28.43913680213241  
FV at Mutated Child #2 at Generation # 46 : 0.7522850999005353

--> Family: # 22

FV at Mutated Child #1 at Generation # 46 : 5.619005947836731  
FV at Mutated Child #2 at Generation # 46 : 588.0075975909438

--> Family: # 23

FV at Mutated Child #1 at Generation # 46 : 0.7117644107710934  
FV at Mutated Child #2 at Generation # 46 : 0.7629028651632288

--> Family: # 24

FV at Mutated Child #1 at Generation # 46 : 1.9836568123262088  
FV at Mutated Child #2 at Generation # 46 : 2.292499196030858

--> Family: # 25

FV at Mutated Child #1 at Generation # 46 : 17.813706739191936  
FV at Mutated Child #2 at Generation # 46 : 1.3164090281065408

--> Family: # 26

FV at Mutated Child #1 at Generation # 46 : 4.4504414728408594  
FV at Mutated Child #2 at Generation # 46 : 1.2259337248921116

--> Family: # 27

FV at Mutated Child #1 at Generation # 46 : 1.1146548853397122  
FV at Mutated Child #2 at Generation # 46 : 545.0809155898006

--> Family: # 28

FV at Mutated Child #1 at Generation # 46 : 6.485902256908039  
FV at Mutated Child #2 at Generation # 46 : 1.1483892919470273

--> Family: # 29

FV at Mutated Child #1 at Generation # 46 : 24.81808087747319  
FV at Mutated Child #2 at Generation # 46 : 3.3335221394684376

--> Family: # 30

FV at Mutated Child #1 at Generation # 46 : 2235.083848020694  
FV at Mutated Child #2 at Generation # 46 : 31.20819022529506

--> Family: # 31

FV at Mutated Child #1 at Generation # 46 : 91.76094519095282  
FV at Mutated Child #2 at Generation # 46 : 0.6811378404779103

--> Family: # 32

FV at Mutated Child #1 at Generation # 46 : 0.8117807288596802  
FV at Mutated Child #2 at Generation # 46 : 23.362782790109375

--> Family: # 33

FV at Mutated Child #1 at Generation # 46 : 2.303300279022567  
FV at Mutated Child #2 at Generation # 46 : 12.49951603132312

--> Family: # 34

FV at Mutated Child #1 at Generation # 46 : 0.7117644107710934  
FV at Mutated Child #2 at Generation # 46 : 13.560133345641619  
--> Family: # 35

FV at Mutated Child #1 at Generation # 46 : 1.572293748438058  
FV at Mutated Child #2 at Generation # 46 : 462.2546658472345  
--> Family: # 36

FV at Mutated Child #1 at Generation # 46 : 548.6208458137683  
FV at Mutated Child #2 at Generation # 46 : 1.4878838108321717  
--> Family: # 37

FV at Mutated Child #1 at Generation # 46 : 26.60377584575274  
FV at Mutated Child #2 at Generation # 46 : 27.297228112622605  
--> Family: # 38

FV at Mutated Child #1 at Generation # 46 : 2.3964463101413145  
FV at Mutated Child #2 at Generation # 46 : 135.4288764138724  
--> Family: # 39

FV at Mutated Child #1 at Generation # 46 : 4.630211049792548  
FV at Mutated Child #2 at Generation # 46 : 31.340540476485796  
--> Family: # 40

FV at Mutated Child #1 at Generation # 46 : 20.900633716324474  
FV at Mutated Child #2 at Generation # 46 : 28.3885022043671  
--> Family: # 41

FV at Mutated Child #1 at Generation # 46 : 0.6926886098480834  
FV at Mutated Child #2 at Generation # 46 : 144.15227095763174  
--> Family: # 42

FV at Mutated Child #1 at Generation # 46 : 1.1817988149210494  
FV at Mutated Child #2 at Generation # 46 : 0.6997608675489638  
--> Family: # 43

FV at Mutated Child #1 at Generation # 46 : 133.81439393673745  
FV at Mutated Child #2 at Generation # 46 : 144.2527657325965  
--> Family: # 44

FV at Mutated Child #1 at Generation # 46 : 1.32586505523357  
FV at Mutated Child #2 at Generation # 46 : 6.427301100326923  
--> Family: # 45

FV at Mutated Child #1 at Generation # 46 : 6.56270567116435  
FV at Mutated Child #2 at Generation # 46 : 1.0921594459739379  
--> Family: # 46

FV at Mutated Child #1 at Generation # 46 : 145.19320474785712  
FV at Mutated Child #2 at Generation # 46 : 0.756051005080608  
--> Family: # 47

FV at Mutated Child #1 at Generation # 46 : 125.58222041426264  
FV at Mutated Child #2 at Generation # 46 : 125.02804658584691  
--> Family: # 48

FV at Mutated Child #1 at Generation # 46 : 134.25254035492907  
FV at Mutated Child #2 at Generation # 46 : 4.777495107559792  
--> Family: # 49

FV at Mutated Child #1 at Generation # 46 : 3.5872779125822722  
FV at Mutated Child #2 at Generation # 46 : 545.8121904722503  
--> Family: # 50

FV at Mutated Child #1 at Generation # 46 : 0.6259503365710037  
FV at Mutated Child #2 at Generation # 46 : 0.7058524504101736  
--> Family: # 51

FV at Mutated Child #1 at Generation # 46 : 31.73725027352497  
FV at Mutated Child #2 at Generation # 46 : 115.15016721088274  
--> Family: # 52

FV at Mutated Child #1 at Generation # 46 : 130.80344872196108  
FV at Mutated Child #2 at Generation # 46 : 24.854122090151986  
--> Family: # 53

FV at Mutated Child #1 at Generation # 46 : 4.2333693590270665  
FV at Mutated Child #2 at Generation # 46 : 1.3989586376064098  
--> Family: # 54

FV at Mutated Child #1 at Generation # 46 : 0.9937320346555409  
FV at Mutated Child #2 at Generation # 46 : 0.769036520745528  
--> Family: # 55

FV at Mutated Child #1 at Generation # 46 : 156.75410797729373  
FV at Mutated Child #2 at Generation # 46 : 0.7629028651632288  
--> Family: # 56

FV at Mutated Child #1 at Generation # 46 : 23.660670739740077  
FV at Mutated Child #2 at Generation # 46 : 19.44280287076376  
--> Family: # 57

FV at Mutated Child #1 at Generation # 46 : 6.353402338516805  
FV at Mutated Child #2 at Generation # 46 : 134.25254035492907  
--> Family: # 58

FV at Mutated Child #1 at Generation # 46 : 0.6254638334230455  
FV at Mutated Child #2 at Generation # 46 : 4.2333693590270665  
--> Family: # 59

FV at Mutated Child #1 at Generation # 46 : 6.1849470382083815  
FV at Mutated Child #2 at Generation # 46 : 26.83076572485283  
--> Family: # 60

FV at Mutated Child #1 at Generation # 46 : 1.1090986754751264  
FV at Mutated Child #2 at Generation # 46 : 1.1835661033011884  
--> Family: # 61

FV at Mutated Child #1 at Generation # 46 : 0.9156998805275788  
FV at Mutated Child #2 at Generation # 46 : 4.155027861466938  
--> Family: # 62

FV at Mutated Child #1 at Generation # 46 : 4.486307163477893  
FV at Mutated Child #2 at Generation # 46 : 0.7406744965059643  
--> Family: # 63

FV at Mutated Child #1 at Generation # 46 : 1.0780443760649745  
FV at Mutated Child #2 at Generation # 46 : 33.693312075308896  
--> Family: # 64

FV at Mutated Child #1 at Generation # 46 : 5.619005947836731

FV at Mutated Child #2 at Generation # 46 : 20.576406378581495

--> Family: # 65

FV at Mutated Child #1 at Generation # 46 : 94.57870023899707

FV at Mutated Child #2 at Generation # 46 : 2.832090458998218

--> Family: # 66

FV at Mutated Child #1 at Generation # 46 : 4.742560191789133

FV at Mutated Child #2 at Generation # 46 : 7.983690768916096

--> Family: # 67

FV at Mutated Child #1 at Generation # 46 : 1.0830922081647836

FV at Mutated Child #2 at Generation # 46 : 5.122241774191376

--> Family: # 68

FV at Mutated Child #1 at Generation # 46 : 14.291509163036244

FV at Mutated Child #2 at Generation # 46 : 0.7886497161013513

--> Family: # 69

FV at Mutated Child #1 at Generation # 46 : 4.882202909234239

FV at Mutated Child #2 at Generation # 46 : 3.387027734334449

--> Family: # 70

FV at Mutated Child #1 at Generation # 46 : 0.7566407878673149

FV at Mutated Child #2 at Generation # 46 : 30.959734850160807

--> Family: # 71

FV at Mutated Child #1 at Generation # 46 : 1.605068982537185

FV at Mutated Child #2 at Generation # 46 : 28.70233481872728

--> Family: # 72

FV at Mutated Child #1 at Generation # 46 : 1.636149676177094

FV at Mutated Child #2 at Generation # 46 : 0.7434886844174678

--> Family: # 73

FV at Mutated Child #1 at Generation # 46 : 21.57257761715482

FV at Mutated Child #2 at Generation # 46 : 0.8551584295586179

--> Family: # 74

FV at Mutated Child #1 at Generation # 46 : 32.87490918602714

FV at Mutated Child #2 at Generation # 46 : 121.5844996608438

--> Family: # 75

FV at Mutated Child #1 at Generation # 46 : 23.362782790109375

FV at Mutated Child #2 at Generation # 46 : 6.247674574680708

--> Family: # 76

FV at Mutated Child #1 at Generation # 46 : 1.0531406008617608

FV at Mutated Child #2 at Generation # 46 : 37.500142030815816

--> Family: # 77

FV at Mutated Child #1 at Generation # 46 : 13.009841019912844

FV at Mutated Child #2 at Generation # 46 : 0.6193238047646119

--> Family: # 78

FV at Mutated Child #1 at Generation # 46 : 0.6193238047646119

FV at Mutated Child #2 at Generation # 46 : 136.60763263490952

--> Family: # 79

FV at Mutated Child #1 at Generation # 46 : 598.2800891836164

FV at Mutated Child #2 at Generation # 46 : 16.168766121469815

--> Family: # 80

FV at Mutated Child #1 at Generation # 46 : 0.6279821641256506

FV at Mutated Child #2 at Generation # 46 : 1.0868116886914998

--> Generation: # 47

--> Family: # 1

FV at Mutated Child #1 at Generation # 47 : 2.7945452364677568

FV at Mutated Child #2 at Generation # 47 : 38.346916580816355

--> Family: # 2

FV at Mutated Child #1 at Generation # 47 : 70.4413032655744

FV at Mutated Child #2 at Generation # 47 : 2.3591870538106434

--> Family: # 3

FV at Mutated Child #1 at Generation # 47 : 44.475968268289286

FV at Mutated Child #2 at Generation # 47 : 2.6391488598698998

--> Family: # 4

FV at Mutated Child #1 at Generation # 47 : 157.02818810018113

FV at Mutated Child #2 at Generation # 47 : 135.25647393668902

--> Family: # 5

FV at Mutated Child #1 at Generation # 47 : 1.281914288755534

FV at Mutated Child #2 at Generation # 47 : 3.288324630293934

--> Family: # 6

FV at Mutated Child #1 at Generation # 47 : 6.454628786669673

FV at Mutated Child #2 at Generation # 47 : 40.87156361385669

--> Family: # 7

FV at Mutated Child #1 at Generation # 47 : 12.885379334657925

FV at Mutated Child #2 at Generation # 47 : 11.077887611387983

--> Family: # 8

FV at Mutated Child #1 at Generation # 47 : 158.87540694446105

FV at Mutated Child #2 at Generation # 47 : 44.248999554336805

--> Family: # 9

FV at Mutated Child #1 at Generation # 47 : 1.9535318307454475

FV at Mutated Child #2 at Generation # 47 : 4.365161999130101

--> Family: # 10

FV at Mutated Child #1 at Generation # 47 : 8.579712565385051

FV at Mutated Child #2 at Generation # 47 : 29.798832741139815

--> Family: # 11

FV at Mutated Child #1 at Generation # 47 : 1.6723708913045106

FV at Mutated Child #2 at Generation # 47 : 8.002190935469944

--> Family: # 12

FV at Mutated Child #1 at Generation # 47 : 121.79805275974051

FV at Mutated Child #2 at Generation # 47 : 38.587748910370614

--> Family: # 13

FV at Mutated Child #1 at Generation # 47 : 102.2312344592403

FV at Mutated Child #2 at Generation # 47 : 2416.061212467838

--> Family: # 14

FV at Mutated Child #1 at Generation # 47 : 36.502340281832

FV at Mutated Child #2 at Generation # 47 : 17.61428442808301

--> Family: # 15

FV at Mutated Child #1 at Generation # 47 : 1.2889834954273356

FV at Mutated Child #2 at Generation # 47 : 528.2012801695889

--> Family: # 16

FV at Mutated Child #1 at Generation # 47 : 28.446529601851253

FV at Mutated Child #2 at Generation # 47 : 145.28877342915345

--> Family: # 17

FV at Mutated Child #1 at Generation # 47 : 12.681267974569328

FV at Mutated Child #2 at Generation # 47 : 6.007111450371633

--> Family: # 18

FV at Mutated Child #1 at Generation # 47 : 16.81870495385386

FV at Mutated Child #2 at Generation # 47 : 9.347276854027417

--> Family: # 19

FV at Mutated Child #1 at Generation # 47 : 1.3428825990436843

FV at Mutated Child #2 at Generation # 47 : 109.94205671420693

--> Family: # 20

FV at Mutated Child #1 at Generation # 47 : 33.32712056046043

FV at Mutated Child #2 at Generation # 47 : 44.410415697929224

--> Family: # 21

FV at Mutated Child #1 at Generation # 47 : 41.246542062946666

FV at Mutated Child #2 at Generation # 47 : 22.961576715073463

--> Family: # 22

FV at Mutated Child #1 at Generation # 47 : 138.98834500182426

FV at Mutated Child #2 at Generation # 47 : 10.42425671689239

--> Family: # 23

FV at Mutated Child #1 at Generation # 47 : 6.881460454526085

FV at Mutated Child #2 at Generation # 47 : 1.766579206001674

--> Family: # 24

FV at Mutated Child #1 at Generation # 47 : 109.96708783427324

FV at Mutated Child #2 at Generation # 47 : 10.362551172274411

--> Family: # 25

FV at Mutated Child #1 at Generation # 47 : 8.42764495693517

FV at Mutated Child #2 at Generation # 47 : 122.83206038436593

--> Family: # 26

FV at Mutated Child #1 at Generation # 47 : 2468.805068294769

FV at Mutated Child #2 at Generation # 47 : 0.933980793080263

--> Family: # 27

FV at Mutated Child #1 at Generation # 47 : 13.143460919241416

FV at Mutated Child #2 at Generation # 47 : 37.0004046808987

--> Family: # 28

FV at Mutated Child #1 at Generation # 47 : 1.993950711165318

FV at Mutated Child #2 at Generation # 47 : 155.83640855766882

--> Family: # 29

FV at Mutated Child #1 at Generation # 47 : 1.6157457770259276

FV at Mutated Child #2 at Generation # 47 : 12.817736273116383

--> Family: # 30

FV at Mutated Child #1 at Generation # 47 : 6.913786311632815  
FV at Mutated Child #2 at Generation # 47 : 140.456586052365  
--> Family: # 31

FV at Mutated Child #1 at Generation # 47 : 546.3961297485478  
FV at Mutated Child #2 at Generation # 47 : 2.732800660889201  
--> Family: # 32

FV at Mutated Child #1 at Generation # 47 : 30.00848389856325  
FV at Mutated Child #2 at Generation # 47 : 644.4796263538051  
--> Family: # 33

FV at Mutated Child #1 at Generation # 47 : 157.77538972110875  
FV at Mutated Child #2 at Generation # 47 : 3.240206576170289  
--> Family: # 34

FV at Mutated Child #1 at Generation # 47 : 40.37279365814377  
FV at Mutated Child #2 at Generation # 47 : 1.9535318307454475  
--> Family: # 35

FV at Mutated Child #1 at Generation # 47 : 8.500513215954138  
FV at Mutated Child #2 at Generation # 47 : 12.817736273116383  
--> Family: # 36

FV at Mutated Child #1 at Generation # 47 : 132.27828876510912  
FV at Mutated Child #2 at Generation # 47 : 8.890121045042864  
--> Family: # 37

FV at Mutated Child #1 at Generation # 47 : 12.868475152975435  
FV at Mutated Child #2 at Generation # 47 : 0.9460912437960596  
--> Family: # 38

FV at Mutated Child #1 at Generation # 47 : 12.851425944306733  
FV at Mutated Child #2 at Generation # 47 : 4.437909610578879  
--> Family: # 39

FV at Mutated Child #1 at Generation # 47 : 8.400952720689354  
FV at Mutated Child #2 at Generation # 47 : 1.2823912759271479  
--> Family: # 40

FV at Mutated Child #1 at Generation # 47 : 3.2174811669671235  
FV at Mutated Child #2 at Generation # 47 : 3.3743761478008456  
--> Family: # 41

FV at Mutated Child #1 at Generation # 47 : 140.87046601292593  
FV at Mutated Child #2 at Generation # 47 : 2.2751607380699976  
--> Family: # 42

FV at Mutated Child #1 at Generation # 47 : 2.472006296182687  
FV at Mutated Child #2 at Generation # 47 : 0.8367365061370045  
--> Family: # 43

FV at Mutated Child #1 at Generation # 47 : 6.635788542455778  
FV at Mutated Child #2 at Generation # 47 : 0.8806472355619042  
--> Family: # 44

FV at Mutated Child #1 at Generation # 47 : 2.9524948044235817  
FV at Mutated Child #2 at Generation # 47 : 4.419463654203659  
--> Family: # 45

FV at Mutated Child #1 at Generation # 47 : 111.34129636204584  
FV at Mutated Child #2 at Generation # 47 : 53.56956000713204  
--> Family: # 46

FV at Mutated Child #1 at Generation # 47 : 3.2486553899745583  
FV at Mutated Child #2 at Generation # 47 : 8.707319579190205  
--> Family: # 47

FV at Mutated Child #1 at Generation # 47 : 34.79522745786368  
FV at Mutated Child #2 at Generation # 47 : 17.840480537328652  
--> Family: # 48

FV at Mutated Child #1 at Generation # 47 : 128.65689430847095  
FV at Mutated Child #2 at Generation # 47 : 9.500047052819372  
--> Family: # 49

FV at Mutated Child #1 at Generation # 47 : 18.407509797762053  
FV at Mutated Child #2 at Generation # 47 : 12.732632704699142  
--> Family: # 50

FV at Mutated Child #1 at Generation # 47 : 31.09383510500513  
FV at Mutated Child #2 at Generation # 47 : 155.78222546103558  
--> Family: # 51

FV at Mutated Child #1 at Generation # 47 : 2.171203154545978  
FV at Mutated Child #2 at Generation # 47 : 143.76993381761181  
--> Family: # 52

FV at Mutated Child #1 at Generation # 47 : 3.362950010046204  
FV at Mutated Child #2 at Generation # 47 : 15.509457964134423  
--> Family: # 53

FV at Mutated Child #1 at Generation # 47 : 155.41416932232872  
FV at Mutated Child #2 at Generation # 47 : 3.7786853547420356  
--> Family: # 54

FV at Mutated Child #1 at Generation # 47 : 3.1988565714522306  
FV at Mutated Child #2 at Generation # 47 : 6.852704054504759  
--> Family: # 55

FV at Mutated Child #1 at Generation # 47 : 14.2123376744637  
FV at Mutated Child #2 at Generation # 47 : 10.732378288715182  
--> Family: # 56

FV at Mutated Child #1 at Generation # 47 : 3.7555370556673413  
FV at Mutated Child #2 at Generation # 47 : 30.434047240731868  
--> Family: # 57

FV at Mutated Child #1 at Generation # 47 : 1.1862623582108611  
FV at Mutated Child #2 at Generation # 47 : 9.435862547984403  
--> Family: # 58

FV at Mutated Child #1 at Generation # 47 : 3.4392555075836326  
FV at Mutated Child #2 at Generation # 47 : 10.701924693221756  
--> Family: # 59

FV at Mutated Child #1 at Generation # 47 : 606.1933852877119  
FV at Mutated Child #2 at Generation # 47 : 0.7566407878673149  
--> Family: # 60

FV at Mutated Child #1 at Generation # 47 : 3.279282645124542



FV at Mutated Child #2 at Generation # 47 : 39.153319000442124

--> Family: # 61

FV at Mutated Child #1 at Generation # 47 : 1.251856370774959

FV at Mutated Child #2 at Generation # 47 : 2.939299426153766

--> Family: # 62

FV at Mutated Child #1 at Generation # 47 : 1.446070865895578

FV at Mutated Child #2 at Generation # 47 : 546.9666963861184

--> Family: # 63

FV at Mutated Child #1 at Generation # 47 : 0.83415819749336

FV at Mutated Child #2 at Generation # 47 : 11.915990535497496

--> Family: # 64

FV at Mutated Child #1 at Generation # 47 : 116.96999861648814

FV at Mutated Child #2 at Generation # 47 : 0.7088162510247016

--> Family: # 65

FV at Mutated Child #1 at Generation # 47 : 7.230813554622402

FV at Mutated Child #2 at Generation # 47 : 1.0354967602794969

--> Family: # 66

FV at Mutated Child #1 at Generation # 47 : 3.8143982772368275

FV at Mutated Child #2 at Generation # 47 : 8.77685122559575

--> Family: # 67

FV at Mutated Child #1 at Generation # 47 : 122.44943414378751

FV at Mutated Child #2 at Generation # 47 : 2.1172141720797892

--> Family: # 68

FV at Mutated Child #1 at Generation # 47 : 5.107009697936165

FV at Mutated Child #2 at Generation # 47 : 1.3019389628548108

--> Family: # 69

FV at Mutated Child #1 at Generation # 47 : 40.46444090715349

FV at Mutated Child #2 at Generation # 47 : 10.57772131081023

--> Family: # 70

FV at Mutated Child #1 at Generation # 47 : 6.904581948160711

FV at Mutated Child #2 at Generation # 47 : 2.570529331097039

--> Family: # 71

FV at Mutated Child #1 at Generation # 47 : 39.392995136617934

FV at Mutated Child #2 at Generation # 47 : 2.1458289133717

--> Family: # 72

FV at Mutated Child #1 at Generation # 47 : 4.39033272887702

FV at Mutated Child #2 at Generation # 47 : 586.1302210479794

--> Family: # 73

FV at Mutated Child #1 at Generation # 47 : 2500.8332710656096

FV at Mutated Child #2 at Generation # 47 : 6.117764511336575

--> Family: # 74

FV at Mutated Child #1 at Generation # 47 : 8.130987436454136

FV at Mutated Child #2 at Generation # 47 : 1.7163256289616537

--> Family: # 75

FV at Mutated Child #1 at Generation # 47 : 165.88979098812933

FV at Mutated Child #2 at Generation # 47 : 3.4700009193357766

--> Family: # 76

FV at Mutated Child #1 at Generation # 47 : 42.04594757894542

FV at Mutated Child #2 at Generation # 47 : 16.34787334987291

--> Family: # 77

FV at Mutated Child #1 at Generation # 47 : 3.0489350829146287

FV at Mutated Child #2 at Generation # 47 : 418.1308998244681

--> Family: # 78

FV at Mutated Child #1 at Generation # 47 : 4.365161999130101

FV at Mutated Child #2 at Generation # 47 : 4.295143338939125

--> Family: # 79

FV at Mutated Child #1 at Generation # 47 : 2.9184280835094856

FV at Mutated Child #2 at Generation # 47 : 1.6870101357431828

--> Family: # 80

FV at Mutated Child #1 at Generation # 47 : 579.496639704044

FV at Mutated Child #2 at Generation # 47 : 1.3638015611332803

--> Generation: # 48

--> Family: # 1

FV at Mutated Child #1 at Generation # 48 : 34.23680627812101

FV at Mutated Child #2 at Generation # 48 : 0.6294141771050719

--> Family: # 2

FV at Mutated Child #1 at Generation # 48 : 1.8888214698295962

FV at Mutated Child #2 at Generation # 48 : 29.780725074020015

--> Family: # 3

FV at Mutated Child #1 at Generation # 48 : 0.6480333142153553

FV at Mutated Child #2 at Generation # 48 : 1.704424076200426

--> Family: # 4

FV at Mutated Child #1 at Generation # 48 : 1.1487770461364264

FV at Mutated Child #2 at Generation # 48 : 118.76640038675248

--> Family: # 5

FV at Mutated Child #1 at Generation # 48 : 2342.2627135550374

FV at Mutated Child #2 at Generation # 48 : 0.6253815667888474

--> Family: # 6

FV at Mutated Child #1 at Generation # 48 : 2434.7049929833256

FV at Mutated Child #2 at Generation # 48 : 2244.4265649999234

--> Family: # 7

FV at Mutated Child #1 at Generation # 48 : 4.609323222216235

FV at Mutated Child #2 at Generation # 48 : 29.780725074020015

--> Family: # 8

FV at Mutated Child #1 at Generation # 48 : 0.7058524504101736

FV at Mutated Child #2 at Generation # 48 : 1.2259337248921116

--> Family: # 9

FV at Mutated Child #1 at Generation # 48 : 27.70919758146214

FV at Mutated Child #2 at Generation # 48 : 0.6270091578297339

--> Family: # 10

FV at Mutated Child #1 at Generation # 48 : 0.9736046231684853

FV at Mutated Child #2 at Generation # 48 : 0.7464777884230932

--> Family: # 11

FV at Mutated Child #1 at Generation # 48 : 2454.559196391981

FV at Mutated Child #2 at Generation # 48 : 144.89977775105007

--> Family: # 12

FV at Mutated Child #1 at Generation # 48 : 24.50530301496384

FV at Mutated Child #2 at Generation # 48 : 26.616533784556214

--> Family: # 13

FV at Mutated Child #1 at Generation # 48 : 13.844338141937047

FV at Mutated Child #2 at Generation # 48 : 8.114164022885578

--> Family: # 14

FV at Mutated Child #1 at Generation # 48 : 0.7202440200446862

FV at Mutated Child #2 at Generation # 48 : 12.042628835583335

--> Family: # 15

FV at Mutated Child #1 at Generation # 48 : 0.7071759433771825

FV at Mutated Child #2 at Generation # 48 : 4.2333693590270665

--> Family: # 16

FV at Mutated Child #1 at Generation # 48 : 118.93143803098806

FV at Mutated Child #2 at Generation # 48 : 5.822604881241663

--> Family: # 17

FV at Mutated Child #1 at Generation # 48 : 7.361363239283842

FV at Mutated Child #2 at Generation # 48 : 4.3183067553519

--> Family: # 18

FV at Mutated Child #1 at Generation # 48 : 5.128189965433757

FV at Mutated Child #2 at Generation # 48 : 4.421279525842767

--> Family: # 19

FV at Mutated Child #1 at Generation # 48 : 1.1090986754751264

FV at Mutated Child #2 at Generation # 48 : 6.278965054606485

--> Family: # 20

FV at Mutated Child #1 at Generation # 48 : 8.771508386598065

FV at Mutated Child #2 at Generation # 48 : 592.3766970177198

--> Family: # 21

FV at Mutated Child #1 at Generation # 48 : 0.7886497161013513

FV at Mutated Child #2 at Generation # 48 : 36.058398249470926

--> Family: # 22

FV at Mutated Child #1 at Generation # 48 : 2.8041745369199362

FV at Mutated Child #2 at Generation # 48 : 0.6856229073835887

--> Family: # 23

FV at Mutated Child #1 at Generation # 48 : 5.106460488318924

FV at Mutated Child #2 at Generation # 48 : 1.4767323447625604

--> Family: # 24

FV at Mutated Child #1 at Generation # 48 : 87.79169573018365

FV at Mutated Child #2 at Generation # 48 : 2379.6377972009154

--> Family: # 25

FV at Mutated Child #1 at Generation # 48 : 585.7292478690019

FV at Mutated Child #2 at Generation # 48 : 0.7016879581528672

--> Family: # 26

FV at Mutated Child #1 at Generation # 48 : 1.2360199698932797  
FV at Mutated Child #2 at Generation # 48 : 603.5493303690761  
--> Family: # 27

FV at Mutated Child #1 at Generation # 48 : 3.0428988338849208  
FV at Mutated Child #2 at Generation # 48 : 1.0269515337371837  
--> Family: # 28

FV at Mutated Child #1 at Generation # 48 : 1.3144097396832306  
FV at Mutated Child #2 at Generation # 48 : 2.3337723249640416  
--> Family: # 29

FV at Mutated Child #1 at Generation # 48 : 573.3207124245221  
FV at Mutated Child #2 at Generation # 48 : 38.456237797220595  
--> Family: # 30

FV at Mutated Child #1 at Generation # 48 : 5.265536987379641  
FV at Mutated Child #2 at Generation # 48 : 556.73026581117  
--> Family: # 31

FV at Mutated Child #1 at Generation # 48 : 1.1090986754751264  
FV at Mutated Child #2 at Generation # 48 : 7.797487362004464  
--> Family: # 32

FV at Mutated Child #1 at Generation # 48 : 5.325898283875447  
FV at Mutated Child #2 at Generation # 48 : 0.937982729486995  
--> Family: # 33

FV at Mutated Child #1 at Generation # 48 : 1.4801402877379966  
FV at Mutated Child #2 at Generation # 48 : 2340.675475944714  
--> Family: # 34

FV at Mutated Child #1 at Generation # 48 : 1.117014011365948  
FV at Mutated Child #2 at Generation # 48 : 2389.144232077631  
--> Family: # 35

FV at Mutated Child #1 at Generation # 48 : 6.0336618942233375  
FV at Mutated Child #2 at Generation # 48 : 118.23619209311482  
--> Family: # 36

FV at Mutated Child #1 at Generation # 48 : 0.7058524504101736  
FV at Mutated Child #2 at Generation # 48 : 1.8738203741440254  
--> Family: # 37

FV at Mutated Child #1 at Generation # 48 : 2.8071189265017162  
FV at Mutated Child #2 at Generation # 48 : 1.0434483769197183  
--> Family: # 38

FV at Mutated Child #1 at Generation # 48 : 5.849485923194615  
FV at Mutated Child #2 at Generation # 48 : 119.90742872317232  
--> Family: # 39

FV at Mutated Child #1 at Generation # 48 : 10.703400797925596  
FV at Mutated Child #2 at Generation # 48 : 3.0428988338849208  
--> Family: # 40

FV at Mutated Child #1 at Generation # 48 : 0.7148989458387494  
FV at Mutated Child #2 at Generation # 48 : 30.177632214782736  
--> Family: # 41

FV at Mutated Child #1 at Generation # 48 : 0.8953592070731633  
FV at Mutated Child #2 at Generation # 48 : 116.22949285579917  
--> Family: # 42

FV at Mutated Child #1 at Generation # 48 : 10.247883989282338  
FV at Mutated Child #2 at Generation # 48 : 0.7069109161128969  
--> Family: # 43

FV at Mutated Child #1 at Generation # 48 : 12.612184527559188  
FV at Mutated Child #2 at Generation # 48 : 2442.7227764290487  
--> Family: # 44

FV at Mutated Child #1 at Generation # 48 : 3.873098095754216  
FV at Mutated Child #2 at Generation # 48 : 0.6254638334230455  
--> Family: # 45

FV at Mutated Child #1 at Generation # 48 : 3.7128675670297646  
FV at Mutated Child #2 at Generation # 48 : 9.796032481854688  
--> Family: # 46

FV at Mutated Child #1 at Generation # 48 : 4.254692974684422  
FV at Mutated Child #2 at Generation # 48 : 4.225153266673024  
--> Family: # 47

FV at Mutated Child #1 at Generation # 48 : 4.919679834061522  
FV at Mutated Child #2 at Generation # 48 : 1.053167063808268  
--> Family: # 48

FV at Mutated Child #1 at Generation # 48 : 6.353402338516805  
FV at Mutated Child #2 at Generation # 48 : 10.703400797925596  
--> Family: # 49

FV at Mutated Child #1 at Generation # 48 : 3.0056623276640217  
FV at Mutated Child #2 at Generation # 48 : 2.8041745369199362  
--> Family: # 50

FV at Mutated Child #1 at Generation # 48 : 30.218897439546467  
FV at Mutated Child #2 at Generation # 48 : 1.74267374934148  
--> Family: # 51

FV at Mutated Child #1 at Generation # 48 : 5.2584011636326675  
FV at Mutated Child #2 at Generation # 48 : 3.90850608019545  
--> Family: # 52

FV at Mutated Child #1 at Generation # 48 : 19.17932036238726  
FV at Mutated Child #2 at Generation # 48 : 533.7502433423753  
--> Family: # 53

FV at Mutated Child #1 at Generation # 48 : 3.3363897652222505  
FV at Mutated Child #2 at Generation # 48 : 0.8954707331841179  
--> Family: # 54

FV at Mutated Child #1 at Generation # 48 : 0.9056555491487503  
FV at Mutated Child #2 at Generation # 48 : 22.35539191179114  
--> Family: # 55

FV at Mutated Child #1 at Generation # 48 : 1.908710329143707  
FV at Mutated Child #2 at Generation # 48 : 24.43519810822744  
--> Family: # 56

FV at Mutated Child #1 at Generation # 48 : 2.8994957782251563

FV at Mutated Child #2 at Generation # 48 : 0.9083162832569732  
--> Family: # 57

FV at Mutated Child #1 at Generation # 48 : 1.0218121397237856  
FV at Mutated Child #2 at Generation # 48 : 0.6294452218981413  
--> Family: # 58

FV at Mutated Child #1 at Generation # 48 : 17.813706739191936  
FV at Mutated Child #2 at Generation # 48 : 1.3164090281065408  
--> Family: # 59

FV at Mutated Child #1 at Generation # 48 : 0.6453577472305926  
FV at Mutated Child #2 at Generation # 48 : 5.228920057422462  
--> Family: # 60

FV at Mutated Child #1 at Generation # 48 : 0.6408220196314772  
FV at Mutated Child #2 at Generation # 48 : 0.8357144227715375  
--> Family: # 61

FV at Mutated Child #1 at Generation # 48 : 1.6870101357431828  
FV at Mutated Child #2 at Generation # 48 : 1.7503230308550357  
--> Family: # 62

FV at Mutated Child #1 at Generation # 48 : 0.6895079167839544  
FV at Mutated Child #2 at Generation # 48 : 0.8431733026671793  
--> Family: # 63

FV at Mutated Child #1 at Generation # 48 : 528.5655965409  
FV at Mutated Child #2 at Generation # 48 : 0.6339610603150392  
--> Family: # 64

FV at Mutated Child #1 at Generation # 48 : 14.24991856872232  
FV at Mutated Child #2 at Generation # 48 : 24.095923602478003  
--> Family: # 65

FV at Mutated Child #1 at Generation # 48 : 0.7296721256511843  
FV at Mutated Child #2 at Generation # 48 : 31.928565141753044  
--> Family: # 66

FV at Mutated Child #1 at Generation # 48 : 23.086917925979495  
FV at Mutated Child #2 at Generation # 48 : 29.370995293013515  
--> Family: # 67

FV at Mutated Child #1 at Generation # 48 : 5.265536987379641  
FV at Mutated Child #2 at Generation # 48 : 129.42361271772322  
--> Family: # 68

FV at Mutated Child #1 at Generation # 48 : 5.421860923853406  
FV at Mutated Child #2 at Generation # 48 : 23.364162251994614  
--> Family: # 69

FV at Mutated Child #1 at Generation # 48 : 1.1722993220024551  
FV at Mutated Child #2 at Generation # 48 : 22.841963853416484  
--> Family: # 70

FV at Mutated Child #1 at Generation # 48 : 144.15227095763174  
FV at Mutated Child #2 at Generation # 48 : 1.2090199740289405  
--> Family: # 71

FV at Mutated Child #1 at Generation # 48 : 31.079403392966636  
FV at Mutated Child #2 at Generation # 48 : 10.138661864857259

--> Family: # 72

FV at Mutated Child #1 at Generation # 48 : 1.0554265109605794

FV at Mutated Child #2 at Generation # 48 : 14.544151779334245

--> Family: # 73

FV at Mutated Child #1 at Generation # 48 : 127.29252254085758

FV at Mutated Child #2 at Generation # 48 : 12.255467684391627

--> Family: # 74

FV at Mutated Child #1 at Generation # 48 : 1.2001345573857916

FV at Mutated Child #2 at Generation # 48 : 30.57722221951656

--> Family: # 75

FV at Mutated Child #1 at Generation # 48 : 0.6259503365710037

FV at Mutated Child #2 at Generation # 48 : 0.7629028651632288

--> Family: # 76

FV at Mutated Child #1 at Generation # 48 : 1.1090986754751264

FV at Mutated Child #2 at Generation # 48 : 509.94132396298244

--> Family: # 77

FV at Mutated Child #1 at Generation # 48 : 26.646873737626102

FV at Mutated Child #2 at Generation # 48 : 138.07489257595097

--> Family: # 78

FV at Mutated Child #1 at Generation # 48 : 0.9884811024839609

FV at Mutated Child #2 at Generation # 48 : 26.097799409085578

--> Family: # 79

FV at Mutated Child #1 at Generation # 48 : 136.3626445283526

FV at Mutated Child #2 at Generation # 48 : 0.6241086986071667

--> Family: # 80

FV at Mutated Child #1 at Generation # 48 : 6.508442030724854

FV at Mutated Child #2 at Generation # 48 : 9.781594354935416

--> Generation: # 49

--> Family: # 1

FV at Mutated Child #1 at Generation # 49 : 156.97052303182485

FV at Mutated Child #2 at Generation # 49 : 579.496639704044

--> Family: # 2

FV at Mutated Child #1 at Generation # 49 : 38.09724205591513

FV at Mutated Child #2 at Generation # 49 : 129.2589145142676

--> Family: # 3

FV at Mutated Child #1 at Generation # 49 : 154.82949773108427

FV at Mutated Child #2 at Generation # 49 : 33.509226598729285

--> Family: # 4

FV at Mutated Child #1 at Generation # 49 : 2.201788564431466

FV at Mutated Child #2 at Generation # 49 : 0.7103350710499404

--> Family: # 5

FV at Mutated Child #1 at Generation # 49 : 3.5013952541635494

FV at Mutated Child #2 at Generation # 49 : 3.1670652206221814

--> Family: # 6

FV at Mutated Child #1 at Generation # 49 : 40.31047716348063

FV at Mutated Child #2 at Generation # 49 : 4.4413132412649405

--> Family: # 7

FV at Mutated Child #1 at Generation # 49 : 627.2486569859788

FV at Mutated Child #2 at Generation # 49 : 32.2196152141248

--> Family: # 8

FV at Mutated Child #1 at Generation # 49 : 156.47378455252252

FV at Mutated Child #2 at Generation # 49 : 8.550311933969708

--> Family: # 9

FV at Mutated Child #1 at Generation # 49 : 4.533957661972896

FV at Mutated Child #2 at Generation # 49 : 10.318140290684589

--> Family: # 10

FV at Mutated Child #1 at Generation # 49 : 125.95723731790983

FV at Mutated Child #2 at Generation # 49 : 139.89885647461384

--> Family: # 11

FV at Mutated Child #1 at Generation # 49 : 617.7032953613971

FV at Mutated Child #2 at Generation # 49 : 644.4796263538051

--> Family: # 12

FV at Mutated Child #1 at Generation # 49 : 3.2826577022826426

FV at Mutated Child #2 at Generation # 49 : 130.60303679262398

--> Family: # 13

FV at Mutated Child #1 at Generation # 49 : 7.719676286147125

FV at Mutated Child #2 at Generation # 49 : 591.2649221911778

--> Family: # 14

FV at Mutated Child #1 at Generation # 49 : 539.6729025546759

FV at Mutated Child #2 at Generation # 49 : 1.3428825990436843

--> Family: # 15

FV at Mutated Child #1 at Generation # 49 : 3.180989916896567

FV at Mutated Child #2 at Generation # 49 : 2444.1467573359364

--> Family: # 16

FV at Mutated Child #1 at Generation # 49 : 156.63171565403286

FV at Mutated Child #2 at Generation # 49 : 9.783537634024942

--> Family: # 17

FV at Mutated Child #1 at Generation # 49 : 3.0489350829146287

FV at Mutated Child #2 at Generation # 49 : 10.091446801123668

--> Family: # 18

FV at Mutated Child #1 at Generation # 49 : 12.817736273116383

FV at Mutated Child #2 at Generation # 49 : 585.193702835361

--> Family: # 19

FV at Mutated Child #1 at Generation # 49 : 112.92089323330029

FV at Mutated Child #2 at Generation # 49 : 144.18240656764786

--> Family: # 20

FV at Mutated Child #1 at Generation # 49 : 1.2627443623511958

FV at Mutated Child #2 at Generation # 49 : 15.509457964134423

--> Family: # 21

FV at Mutated Child #1 at Generation # 49 : 20.90138551957828

FV at Mutated Child #2 at Generation # 49 : 551.6298996276619

--> Family: # 22



FV at Mutated Child #1 at Generation # 49 : 1.8978427237707707  
FV at Mutated Child #2 at Generation # 49 : 3.0633050105217934  
--> Family: # 23

FV at Mutated Child #1 at Generation # 49 : 2416.9192764869244  
FV at Mutated Child #2 at Generation # 49 : 10.759758557637547  
--> Family: # 24

FV at Mutated Child #1 at Generation # 49 : 1.9224765317554149  
FV at Mutated Child #2 at Generation # 49 : 7.772575545284487  
--> Family: # 25

FV at Mutated Child #1 at Generation # 49 : 1.1862623582108611  
FV at Mutated Child #2 at Generation # 49 : 5.966592526139418  
--> Family: # 26

FV at Mutated Child #1 at Generation # 49 : 1.9437393339323794  
FV at Mutated Child #2 at Generation # 49 : 3.2901893438781387  
--> Family: # 27

FV at Mutated Child #1 at Generation # 49 : 1.7229976517106274  
FV at Mutated Child #2 at Generation # 49 : 3.234310762263366  
--> Family: # 28

FV at Mutated Child #1 at Generation # 49 : 7.34970879943917  
FV at Mutated Child #2 at Generation # 49 : 4.343053943171973  
--> Family: # 29

FV at Mutated Child #1 at Generation # 49 : 40.074931505486724  
FV at Mutated Child #2 at Generation # 49 : 6.200473561883219  
--> Family: # 30

FV at Mutated Child #1 at Generation # 49 : 1.151877690179122  
FV at Mutated Child #2 at Generation # 49 : 2.211533645857861  
--> Family: # 31

FV at Mutated Child #1 at Generation # 49 : 3.803710743356345  
FV at Mutated Child #2 at Generation # 49 : 1.2627443623511958  
--> Family: # 32

FV at Mutated Child #1 at Generation # 49 : 1.3309799948550616  
FV at Mutated Child #2 at Generation # 49 : 158.3168655842051  
--> Family: # 33

FV at Mutated Child #1 at Generation # 49 : 39.45452442533933  
FV at Mutated Child #2 at Generation # 49 : 34.17026960207683  
--> Family: # 34

FV at Mutated Child #1 at Generation # 49 : 0.82335146245304  
FV at Mutated Child #2 at Generation # 49 : 3.2826577022826426  
--> Family: # 35

FV at Mutated Child #1 at Generation # 49 : 157.34333063207944  
FV at Mutated Child #2 at Generation # 49 : 151.00840721715247  
--> Family: # 36

FV at Mutated Child #1 at Generation # 49 : 33.19043271383371  
FV at Mutated Child #2 at Generation # 49 : 10.1184348655589  
--> Family: # 37

FV at Mutated Child #1 at Generation # 49 : 3.7407813136482555  
FV at Mutated Child #2 at Generation # 49 : 0.8336577569165868  
--> Family: # 38

FV at Mutated Child #1 at Generation # 49 : 1.6870101357431828  
FV at Mutated Child #2 at Generation # 49 : 524.4913936921805  
--> Family: # 39

FV at Mutated Child #1 at Generation # 49 : 9.038958872898032  
FV at Mutated Child #2 at Generation # 49 : 38.346916580816355  
--> Family: # 40

FV at Mutated Child #1 at Generation # 49 : 2502.955025332502  
FV at Mutated Child #2 at Generation # 49 : 7.34970879943917  
--> Family: # 41

FV at Mutated Child #1 at Generation # 49 : 8.511004276790654  
FV at Mutated Child #2 at Generation # 49 : 84.7407406597177  
--> Family: # 42

FV at Mutated Child #1 at Generation # 49 : 2422.469671728101  
FV at Mutated Child #2 at Generation # 49 : 119.55689377811805  
--> Family: # 43

FV at Mutated Child #1 at Generation # 49 : 13.645584504857574  
FV at Mutated Child #2 at Generation # 49 : 40.68126817038614  
--> Family: # 44

FV at Mutated Child #1 at Generation # 49 : 624.8061680772258  
FV at Mutated Child #2 at Generation # 49 : 7.73498239000465  
--> Family: # 45

FV at Mutated Child #1 at Generation # 49 : 7.3885720581924605  
FV at Mutated Child #2 at Generation # 49 : 1.6870101357431828  
--> Family: # 46

FV at Mutated Child #1 at Generation # 49 : 6.095242526193299  
FV at Mutated Child #2 at Generation # 49 : 629.5011660116712  
--> Family: # 47

FV at Mutated Child #1 at Generation # 49 : 20.866172316467235  
FV at Mutated Child #2 at Generation # 49 : 1.3781674692927446  
--> Family: # 48

FV at Mutated Child #1 at Generation # 49 : 3.4202164852535577  
FV at Mutated Child #2 at Generation # 49 : 628.4716900163359  
--> Family: # 49

FV at Mutated Child #1 at Generation # 49 : 529.2000913468283  
FV at Mutated Child #2 at Generation # 49 : 3.4905324356401666  
--> Family: # 50

FV at Mutated Child #1 at Generation # 49 : 0.9341814118156022  
FV at Mutated Child #2 at Generation # 49 : 1.3160229699532275  
--> Family: # 51

FV at Mutated Child #1 at Generation # 49 : 31.43193908536634  
FV at Mutated Child #2 at Generation # 49 : 19.135566362410806  
--> Family: # 52

FV at Mutated Child #1 at Generation # 49 : 10.592135003939127

FV at Mutated Child #2 at Generation # 49 : 41.61384601103592  
--> Family: # 53

FV at Mutated Child #1 at Generation # 49 : 5.835165703310654  
FV at Mutated Child #2 at Generation # 49 : 1.1459947925710972  
--> Family: # 54

FV at Mutated Child #1 at Generation # 49 : 3.907858866189956  
FV at Mutated Child #2 at Generation # 49 : 115.74661641277184  
--> Family: # 55

FV at Mutated Child #1 at Generation # 49 : 461.3135101496151  
FV at Mutated Child #2 at Generation # 49 : 12.14491364477415  
--> Family: # 56

FV at Mutated Child #1 at Generation # 49 : 144.18240656764786  
FV at Mutated Child #2 at Generation # 49 : 32.00056238492819  
--> Family: # 57

FV at Mutated Child #1 at Generation # 49 : 158.26168213151806  
FV at Mutated Child #2 at Generation # 49 : 4.419463654203659  
--> Family: # 58

FV at Mutated Child #1 at Generation # 49 : 11.98011490879929  
FV at Mutated Child #2 at Generation # 49 : 138.3264714238919  
--> Family: # 59

FV at Mutated Child #1 at Generation # 49 : 1.6870101357431828  
FV at Mutated Child #2 at Generation # 49 : 10.500839965852892  
--> Family: # 60

FV at Mutated Child #1 at Generation # 49 : 31.296551260514057  
FV at Mutated Child #2 at Generation # 49 : 1.6524463710549506  
--> Family: # 61

FV at Mutated Child #1 at Generation # 49 : 22.973533563294747  
FV at Mutated Child #2 at Generation # 49 : 1.3996717827130145  
--> Family: # 62

FV at Mutated Child #1 at Generation # 49 : 139.6108434994112  
FV at Mutated Child #2 at Generation # 49 : 7.316015179928913  
--> Family: # 63

FV at Mutated Child #1 at Generation # 49 : 614.6744312286415  
FV at Mutated Child #2 at Generation # 49 : 20.464665240123388  
--> Family: # 64

FV at Mutated Child #1 at Generation # 49 : 1.3996717827130145  
FV at Mutated Child #2 at Generation # 49 : 64.64742798749353  
--> Family: # 65

FV at Mutated Child #1 at Generation # 49 : 1.1689479187478713  
FV at Mutated Child #2 at Generation # 49 : 1.9535318307454475  
--> Family: # 66

FV at Mutated Child #1 at Generation # 49 : 6.5025092580012  
FV at Mutated Child #2 at Generation # 49 : 11.63589531285509  
--> Family: # 67

FV at Mutated Child #1 at Generation # 49 : 141.08977523825195  
FV at Mutated Child #2 at Generation # 49 : 1.495255691509383

--> Family: # 68

FV at Mutated Child #1 at Generation # 49 : 141.49009482991988

FV at Mutated Child #2 at Generation # 49 : 0.9052586236675928

--> Family: # 69

FV at Mutated Child #1 at Generation # 49 : 154.92924012826873

FV at Mutated Child #2 at Generation # 49 : 105.4561199104873

--> Family: # 70

FV at Mutated Child #1 at Generation # 49 : 159.815350742231

FV at Mutated Child #2 at Generation # 49 : 10.155285923934244

--> Family: # 71

FV at Mutated Child #1 at Generation # 49 : 35.92174416693973

FV at Mutated Child #2 at Generation # 49 : 3.32265480816602

--> Family: # 72

FV at Mutated Child #1 at Generation # 49 : 1.9437393339323794

FV at Mutated Child #2 at Generation # 49 : 2.827749712179073

--> Family: # 73

FV at Mutated Child #1 at Generation # 49 : 1.0344612215707125

FV at Mutated Child #2 at Generation # 49 : 1.6020599675239744

--> Family: # 74

FV at Mutated Child #1 at Generation # 49 : 3.6205089643708632

FV at Mutated Child #2 at Generation # 49 : 8.296389716689122

--> Family: # 75

FV at Mutated Child #1 at Generation # 49 : 145.67171429579187

FV at Mutated Child #2 at Generation # 49 : 11.946485761468228

--> Family: # 76

FV at Mutated Child #1 at Generation # 49 : 148.6042493466776

FV at Mutated Child #2 at Generation # 49 : 140.7166297478932

--> Family: # 77

FV at Mutated Child #1 at Generation # 49 : 39.02860228378817

FV at Mutated Child #2 at Generation # 49 : 40.133644067587156

--> Family: # 78

FV at Mutated Child #1 at Generation # 49 : 638.2988800827285

FV at Mutated Child #2 at Generation # 49 : 31.228599988925165

--> Family: # 79

FV at Mutated Child #1 at Generation # 49 : 44.41889487297916

FV at Mutated Child #2 at Generation # 49 : 592.0781283208102

--> Family: # 80

FV at Mutated Child #1 at Generation # 49 : 39.4939498346443

FV at Mutated Child #2 at Generation # 49 : 17.742240862409982

--> Generation: # 50

--> Family: # 1

FV at Mutated Child #1 at Generation # 50 : 29.321282939849922

FV at Mutated Child #2 at Generation # 50 : 87.07625801988249

--> Family: # 2

FV at Mutated Child #1 at Generation # 50 : 11.533223910874165

FV at Mutated Child #2 at Generation # 50 : 1.4767323447625604

--> Family: # 3

FV at Mutated Child #1 at Generation # 50 : 5.187587791670424

FV at Mutated Child #2 at Generation # 50 : 29.64901888575927

--> Family: # 4

FV at Mutated Child #1 at Generation # 50 : 0.7886502319126429

FV at Mutated Child #2 at Generation # 50 : 31.836600138668377

--> Family: # 5

FV at Mutated Child #1 at Generation # 50 : 3.011024649008669

FV at Mutated Child #2 at Generation # 50 : 1.3973473911191543

--> Family: # 6

FV at Mutated Child #1 at Generation # 50 : 5.284796540821054

FV at Mutated Child #2 at Generation # 50 : 136.72916809626304

--> Family: # 7

FV at Mutated Child #1 at Generation # 50 : 15.246056928553049

FV at Mutated Child #2 at Generation # 50 : 1.146868724722095

--> Family: # 8

FV at Mutated Child #1 at Generation # 50 : 1.6907201942229748

FV at Mutated Child #2 at Generation # 50 : 537.4904729362052

--> Family: # 9

FV at Mutated Child #1 at Generation # 50 : 28.73542225584418

FV at Mutated Child #2 at Generation # 50 : 0.7603295979211905

--> Family: # 10

FV at Mutated Child #1 at Generation # 50 : 9.00702410137361

FV at Mutated Child #2 at Generation # 50 : 0.6852456542746924

--> Family: # 11

FV at Mutated Child #1 at Generation # 50 : 2323.3119649673204

FV at Mutated Child #2 at Generation # 50 : 1830.621597289312

--> Family: # 12

FV at Mutated Child #1 at Generation # 50 : 37.69002454864336

FV at Mutated Child #2 at Generation # 50 : 0.6193238047646119

--> Family: # 13

FV at Mutated Child #1 at Generation # 50 : 2.2241852570261855

FV at Mutated Child #2 at Generation # 50 : 124.13406444242021

--> Family: # 14

FV at Mutated Child #1 at Generation # 50 : 0.6276085691470515

FV at Mutated Child #2 at Generation # 50 : 1.559339247203312

--> Family: # 15

FV at Mutated Child #1 at Generation # 50 : 0.7400205804034503

FV at Mutated Child #2 at Generation # 50 : 0.7505628328174441

--> Family: # 16

FV at Mutated Child #1 at Generation # 50 : 0.7709930145541918

FV at Mutated Child #2 at Generation # 50 : 0.6343015357600953

--> Family: # 17

FV at Mutated Child #1 at Generation # 50 : 1.1263360009731058

FV at Mutated Child #2 at Generation # 50 : 89.91992824951834

--> Family: # 18

FV at Mutated Child #1 at Generation # 50 : 0.7179734399507156  
FV at Mutated Child #2 at Generation # 50 : 0.741115128876802  
--> Family: # 19

FV at Mutated Child #1 at Generation # 50 : 118.15098381337802  
FV at Mutated Child #2 at Generation # 50 : 7.436649725348102  
--> Family: # 20

FV at Mutated Child #1 at Generation # 50 : 2.616592168034657  
FV at Mutated Child #2 at Generation # 50 : 7.370900300405948  
--> Family: # 21

FV at Mutated Child #1 at Generation # 50 : 1.931504130783018  
FV at Mutated Child #2 at Generation # 50 : 81.80721102225581  
--> Family: # 22

FV at Mutated Child #1 at Generation # 50 : 1.1207445305904102  
FV at Mutated Child #2 at Generation # 50 : 2.5885182533106055  
--> Family: # 23

FV at Mutated Child #1 at Generation # 50 : 0.7165336070097252  
FV at Mutated Child #2 at Generation # 50 : 85.84418924570507  
--> Family: # 24

FV at Mutated Child #1 at Generation # 50 : 8.299896355759959  
FV at Mutated Child #2 at Generation # 50 : 5.962924862241004  
--> Family: # 25

FV at Mutated Child #1 at Generation # 50 : 0.7155976011018056  
FV at Mutated Child #2 at Generation # 50 : 9.959025124885573  
--> Family: # 26

FV at Mutated Child #1 at Generation # 50 : 2326.546293597459  
FV at Mutated Child #2 at Generation # 50 : 2386.455585442671  
--> Family: # 27

FV at Mutated Child #1 at Generation # 50 : 40.0156442504064  
FV at Mutated Child #2 at Generation # 50 : 98.6613187584764  
--> Family: # 28

FV at Mutated Child #1 at Generation # 50 : 26.866094978282145  
FV at Mutated Child #2 at Generation # 50 : 585.2205280209474  
--> Family: # 29

FV at Mutated Child #1 at Generation # 50 : 0.6482153909666011  
FV at Mutated Child #2 at Generation # 50 : 0.6369359790258948  
--> Family: # 30

FV at Mutated Child #1 at Generation # 50 : 30.35187567632078  
FV at Mutated Child #2 at Generation # 50 : 570.6353136179539  
--> Family: # 31

FV at Mutated Child #1 at Generation # 50 : 1.1114368050298877  
FV at Mutated Child #2 at Generation # 50 : 1.8358547056678938  
--> Family: # 32

FV at Mutated Child #1 at Generation # 50 : 9.432170187427111  
FV at Mutated Child #2 at Generation # 50 : 6.391165657575672  
--> Family: # 33

FV at Mutated Child #1 at Generation # 50 : 28.517307097186524  
FV at Mutated Child #2 at Generation # 50 : 584.9604114911233  
--> Family: # 34

FV at Mutated Child #1 at Generation # 50 : 130.06817685815753  
FV at Mutated Child #2 at Generation # 50 : 15.44430514152166  
--> Family: # 35

FV at Mutated Child #1 at Generation # 50 : 440.47496728306464  
FV at Mutated Child #2 at Generation # 50 : 2.535743659157192  
--> Family: # 36

FV at Mutated Child #1 at Generation # 50 : 129.97842421214978  
FV at Mutated Child #2 at Generation # 50 : 6.7232878432002  
--> Family: # 37

FV at Mutated Child #1 at Generation # 50 : 5.933743701287121  
FV at Mutated Child #2 at Generation # 50 : 136.7520749260439  
--> Family: # 38

FV at Mutated Child #1 at Generation # 50 : 0.7088162510247016  
FV at Mutated Child #2 at Generation # 50 : 5.013627241980548  
--> Family: # 39

FV at Mutated Child #1 at Generation # 50 : 12.675406644066943  
FV at Mutated Child #2 at Generation # 50 : 0.7225971994398309  
--> Family: # 40

FV at Mutated Child #1 at Generation # 50 : 0.6451142953276054  
FV at Mutated Child #2 at Generation # 50 : 29.780725074020015  
--> Family: # 41

FV at Mutated Child #1 at Generation # 50 : 140.67128246412193  
FV at Mutated Child #2 at Generation # 50 : 0.9736046231684853  
--> Family: # 42

FV at Mutated Child #1 at Generation # 50 : 132.32849777409172  
FV at Mutated Child #2 at Generation # 50 : 0.6254638334230455  
--> Family: # 43

FV at Mutated Child #1 at Generation # 50 : 39.22526793554649  
FV at Mutated Child #2 at Generation # 50 : 0.6698169209700894  
--> Family: # 44

FV at Mutated Child #1 at Generation # 50 : 30.01100463121136  
FV at Mutated Child #2 at Generation # 50 : 0.6343015357600953  
--> Family: # 45

FV at Mutated Child #1 at Generation # 50 : 2.1129569464821953  
FV at Mutated Child #2 at Generation # 50 : 0.9655550988747235  
--> Family: # 46

FV at Mutated Child #1 at Generation # 50 : 8.794075827681585  
FV at Mutated Child #2 at Generation # 50 : 5.519807108652323  
--> Family: # 47

FV at Mutated Child #1 at Generation # 50 : 0.7750467369786406  
FV at Mutated Child #2 at Generation # 50 : 5.895504178162751  
--> Family: # 48

FV at Mutated Child #1 at Generation # 50 : 1613.9467966174436

FV at Mutated Child #2 at Generation # 50 : 1637.9036926814013

--> Family: # 49

FV at Mutated Child #1 at Generation # 50 : 132.77036744408917

FV at Mutated Child #2 at Generation # 50 : 20.37631492231697

--> Family: # 50

FV at Mutated Child #1 at Generation # 50 : 3.140274918122023

FV at Mutated Child #2 at Generation # 50 : 541.0758625317894

--> Family: # 51

FV at Mutated Child #1 at Generation # 50 : 10.70135544664328

FV at Mutated Child #2 at Generation # 50 : 1.1653466671718262

--> Family: # 52

FV at Mutated Child #1 at Generation # 50 : 18.70332097943042

FV at Mutated Child #2 at Generation # 50 : 0.6986050246796588

--> Family: # 53

FV at Mutated Child #1 at Generation # 50 : 523.4236508422865

FV at Mutated Child #2 at Generation # 50 : 7.150121810190629

--> Family: # 54

FV at Mutated Child #1 at Generation # 50 : 6.247674574680708

FV at Mutated Child #2 at Generation # 50 : 13.627654056989488

--> Family: # 55

FV at Mutated Child #1 at Generation # 50 : 27.65300126102234

FV at Mutated Child #2 at Generation # 50 : 6.803080733412968

--> Family: # 56

FV at Mutated Child #1 at Generation # 50 : 1.1114368050298877

FV at Mutated Child #2 at Generation # 50 : 0.6391164903148145

--> Family: # 57

FV at Mutated Child #1 at Generation # 50 : 5.728710951976797

FV at Mutated Child #2 at Generation # 50 : 117.09483934096897

--> Family: # 58

FV at Mutated Child #1 at Generation # 50 : 4.517023185231284

FV at Mutated Child #2 at Generation # 50 : 1.5335850460280998

--> Family: # 59

FV at Mutated Child #1 at Generation # 50 : 0.7571623240176542

FV at Mutated Child #2 at Generation # 50 : 29.958241253968136

--> Family: # 60

FV at Mutated Child #1 at Generation # 50 : 1.1285801635075177

FV at Mutated Child #2 at Generation # 50 : 469.6974324204158

--> Family: # 61

FV at Mutated Child #1 at Generation # 50 : 118.50114719193516

FV at Mutated Child #2 at Generation # 50 : 5.2566843623990485

--> Family: # 62

FV at Mutated Child #1 at Generation # 50 : 8.72474321521646

FV at Mutated Child #2 at Generation # 50 : 0.6999258915375007

--> Family: # 63

FV at Mutated Child #1 at Generation # 50 : 15.633909967904021

FV at Mutated Child #2 at Generation # 50 : 0.8202864522555011



--> Family: # 64

FV at Mutated Child #1 at Generation # 50 : 0.9419107872079695

FV at Mutated Child #2 at Generation # 50 : 22.58367230489152

--> Family: # 65

FV at Mutated Child #1 at Generation # 50 : 0.9121401797082774

FV at Mutated Child #2 at Generation # 50 : 0.7117644107710934

--> Family: # 66

FV at Mutated Child #1 at Generation # 50 : 2349.7688853548766

FV at Mutated Child #2 at Generation # 50 : 1483.6430241421176

--> Family: # 67

FV at Mutated Child #1 at Generation # 50 : 6.467615468501152

FV at Mutated Child #2 at Generation # 50 : 0.628088431195575

--> Family: # 68

FV at Mutated Child #1 at Generation # 50 : 0.9065620447662646

FV at Mutated Child #2 at Generation # 50 : 9.212864040778054

--> Family: # 69

FV at Mutated Child #1 at Generation # 50 : 0.9083162832569732

FV at Mutated Child #2 at Generation # 50 : 102.14498239693128

--> Family: # 70

FV at Mutated Child #1 at Generation # 50 : 0.6871626080988481

FV at Mutated Child #2 at Generation # 50 : 28.905510351625647

--> Family: # 71

FV at Mutated Child #1 at Generation # 50 : 0.6865804805770255

FV at Mutated Child #2 at Generation # 50 : 20.32910270108422

--> Family: # 72

FV at Mutated Child #1 at Generation # 50 : 0.8649701040759361

FV at Mutated Child #2 at Generation # 50 : 5.116525205291736

--> Family: # 73

FV at Mutated Child #1 at Generation # 50 : 139.6309442725017

FV at Mutated Child #2 at Generation # 50 : 0.8461808126322161

--> Family: # 74

FV at Mutated Child #1 at Generation # 50 : 574.7232959772493

FV at Mutated Child #2 at Generation # 50 : 4.421279525842767

--> Family: # 75

FV at Mutated Child #1 at Generation # 50 : 1.3469322800201513

FV at Mutated Child #2 at Generation # 50 : 5.106460488318924

--> Family: # 76

FV at Mutated Child #1 at Generation # 50 : 6.253286206564325

FV at Mutated Child #2 at Generation # 50 : 1.3356209172381441

--> Family: # 77

FV at Mutated Child #1 at Generation # 50 : 2.7050396033998116

FV at Mutated Child #2 at Generation # 50 : 134.45984199109816

--> Family: # 78

FV at Mutated Child #1 at Generation # 50 : 1.0006478366786467

FV at Mutated Child #2 at Generation # 50 : 0.8431733026671793

--> Family: # 79

FV at Mutated Child #1 at Generation # 50 : 102.3911574479548  
FV at Mutated Child #2 at Generation # 50 : 136.0783131897415  
--> Family: # 80

FV at Mutated Child #1 at Generation # 50 : 1.4824358018043824  
FV at Mutated Child #2 at Generation # 50 : 10.166713201647179  
--> Generation: # 51  
--> Family: # 1

FV at Mutated Child #1 at Generation # 51 : 8.63808602878139  
FV at Mutated Child #2 at Generation # 51 : 4.9539521820444525  
--> Family: # 2

FV at Mutated Child #1 at Generation # 51 : 40.835952570502435  
FV at Mutated Child #2 at Generation # 51 : 1.3380690834268223  
--> Family: # 3

FV at Mutated Child #1 at Generation # 51 : 42.078137744898065  
FV at Mutated Child #2 at Generation # 51 : 0.9387416940392744  
--> Family: # 4

FV at Mutated Child #1 at Generation # 51 : 2.147169981093069  
FV at Mutated Child #2 at Generation # 51 : 1.2518715550899353  
--> Family: # 5

FV at Mutated Child #1 at Generation # 51 : 35.31175772775364  
FV at Mutated Child #2 at Generation # 51 : 1.3053975599176055  
--> Family: # 6

FV at Mutated Child #1 at Generation # 51 : 2.2751607380699976  
FV at Mutated Child #2 at Generation # 51 : 10.120904681018043  
--> Family: # 7

FV at Mutated Child #1 at Generation # 51 : 1.0475827256529704  
FV at Mutated Child #2 at Generation # 51 : 1.6549654369930824  
--> Family: # 8

FV at Mutated Child #1 at Generation # 51 : 1.915096570608649  
FV at Mutated Child #2 at Generation # 51 : 3.8697439203569197  
--> Family: # 9

FV at Mutated Child #1 at Generation # 51 : 2.521285356408304  
FV at Mutated Child #2 at Generation # 51 : 133.349976332138  
--> Family: # 10

FV at Mutated Child #1 at Generation # 51 : 148.29829829604435  
FV at Mutated Child #2 at Generation # 51 : 1.855127563995729  
--> Family: # 11

FV at Mutated Child #1 at Generation # 51 : 26.802389508719425  
FV at Mutated Child #2 at Generation # 51 : 7.765176609173907  
--> Family: # 12

FV at Mutated Child #1 at Generation # 51 : 3.5634792716058508  
FV at Mutated Child #2 at Generation # 51 : 1.3571545401827994  
--> Family: # 13

FV at Mutated Child #1 at Generation # 51 : 625.573681600337  
FV at Mutated Child #2 at Generation # 51 : 2.177423886103149  
--> Family: # 14

FV at Mutated Child #1 at Generation # 51 : 2.074367834792164  
FV at Mutated Child #2 at Generation # 51 : 5.101601275718802  
--> Family: # 15

FV at Mutated Child #1 at Generation # 51 : 139.95224597734224  
FV at Mutated Child #2 at Generation # 51 : 31.082935658711218  
--> Family: # 16

FV at Mutated Child #1 at Generation # 51 : 140.11586679456602  
FV at Mutated Child #2 at Generation # 51 : 618.4693100666348  
--> Family: # 17

FV at Mutated Child #1 at Generation # 51 : 4.4281271415355254  
FV at Mutated Child #2 at Generation # 51 : 1.0921811194831823  
--> Family: # 18

FV at Mutated Child #1 at Generation # 51 : 0.8742684347260655  
FV at Mutated Child #2 at Generation # 51 : 1.3639598901987067  
--> Family: # 19

FV at Mutated Child #1 at Generation # 51 : 142.62677226125322  
FV at Mutated Child #2 at Generation # 51 : 4.612242637382799  
--> Family: # 20

FV at Mutated Child #1 at Generation # 51 : 139.9974168330062  
FV at Mutated Child #2 at Generation # 51 : 40.61870274682323  
--> Family: # 21

FV at Mutated Child #1 at Generation # 51 : 1.147324655565131  
FV at Mutated Child #2 at Generation # 51 : 1.6870101357431828  
--> Family: # 22

FV at Mutated Child #1 at Generation # 51 : 3.17356064078228  
FV at Mutated Child #2 at Generation # 51 : 31.634683216665742  
--> Family: # 23

FV at Mutated Child #1 at Generation # 51 : 7.840316670669207  
FV at Mutated Child #2 at Generation # 51 : 4.533957661972896  
--> Family: # 24

FV at Mutated Child #1 at Generation # 51 : 8.619224351540584  
FV at Mutated Child #2 at Generation # 51 : 154.22381725205997  
--> Family: # 25

FV at Mutated Child #1 at Generation # 51 : 3.9011951990519234  
FV at Mutated Child #2 at Generation # 51 : 79.41580370468132  
--> Family: # 26

FV at Mutated Child #1 at Generation # 51 : 492.40334584658933  
FV at Mutated Child #2 at Generation # 51 : 1.2850799604304548  
--> Family: # 27

FV at Mutated Child #1 at Generation # 51 : 5.49017058047365  
FV at Mutated Child #2 at Generation # 51 : 8.484168669433  
--> Family: # 28

FV at Mutated Child #1 at Generation # 51 : 27.019200534800024  
FV at Mutated Child #2 at Generation # 51 : 107.15188173269402  
--> Family: # 29

FV at Mutated Child #1 at Generation # 51 : 2.8634691124853333  
FV at Mutated Child #2 at Generation # 51 : 3.3430346056278353  
--> Family: # 30

FV at Mutated Child #1 at Generation # 51 : 1.2637759261228605  
FV at Mutated Child #2 at Generation # 51 : 139.70930989078323  
--> Family: # 31

FV at Mutated Child #1 at Generation # 51 : 3.3430346056278353  
FV at Mutated Child #2 at Generation # 51 : 4.4413132412649405  
--> Family: # 32

FV at Mutated Child #1 at Generation # 51 : 2.2241852570261855  
FV at Mutated Child #2 at Generation # 51 : 34.91351590562754  
--> Family: # 33

FV at Mutated Child #1 at Generation # 51 : 2.9053609337740705  
FV at Mutated Child #2 at Generation # 51 : 3.125650238716855  
--> Family: # 34

FV at Mutated Child #1 at Generation # 51 : 2.218888563971988  
FV at Mutated Child #2 at Generation # 51 : 611.0349580246044  
--> Family: # 35

FV at Mutated Child #1 at Generation # 51 : 13.161191644382496  
FV at Mutated Child #2 at Generation # 51 : 24.046385620016135  
--> Family: # 36

FV at Mutated Child #1 at Generation # 51 : 2.0320000276707635  
FV at Mutated Child #2 at Generation # 51 : 9.76133087337419  
--> Family: # 37

FV at Mutated Child #1 at Generation # 51 : 0.7204630341377157  
FV at Mutated Child #2 at Generation # 51 : 2.605124155138911  
--> Family: # 38

FV at Mutated Child #1 at Generation # 51 : 2.724441690472226  
FV at Mutated Child #2 at Generation # 51 : 2.160145000312858  
--> Family: # 39

FV at Mutated Child #1 at Generation # 51 : 4.017814003425045  
FV at Mutated Child #2 at Generation # 51 : 9.834986077954671  
--> Family: # 40

FV at Mutated Child #1 at Generation # 51 : 0.7418524476876245  
FV at Mutated Child #2 at Generation # 51 : 29.227299615385675  
--> Family: # 41

FV at Mutated Child #1 at Generation # 51 : 2.9524948044235817  
FV at Mutated Child #2 at Generation # 51 : 3.9583829160302635  
--> Family: # 42

FV at Mutated Child #1 at Generation # 51 : 2484.59997741206  
FV at Mutated Child #2 at Generation # 51 : 5.476158682464257  
--> Family: # 43

FV at Mutated Child #1 at Generation # 51 : 42.49309631060822  
FV at Mutated Child #2 at Generation # 51 : 38.33607523143949  
--> Family: # 44

FV at Mutated Child #1 at Generation # 51 : 42.17771642334294

FV at Mutated Child #2 at Generation # 51 : 39.641797784623286  
--> Family: # 45

FV at Mutated Child #1 at Generation # 51 : 146.95121306254953  
FV at Mutated Child #2 at Generation # 51 : 9.614914752203505  
--> Family: # 46

FV at Mutated Child #1 at Generation # 51 : 2.9875274869086756  
FV at Mutated Child #2 at Generation # 51 : 637.8653156351724  
--> Family: # 47

FV at Mutated Child #1 at Generation # 51 : 1.3428825990436843  
FV at Mutated Child #2 at Generation # 51 : 2.8990819232715115  
--> Family: # 48

FV at Mutated Child #1 at Generation # 51 : 2.699480541058483  
FV at Mutated Child #2 at Generation # 51 : 1.6784622834289318  
--> Family: # 49

FV at Mutated Child #1 at Generation # 51 : 24.415014123271693  
FV at Mutated Child #2 at Generation # 51 : 31.5676250062155  
--> Family: # 50

FV at Mutated Child #1 at Generation # 51 : 9.239465789085688  
FV at Mutated Child #2 at Generation # 51 : 16.522739247610353  
--> Family: # 51

FV at Mutated Child #1 at Generation # 51 : 638.2988800827285  
FV at Mutated Child #2 at Generation # 51 : 1.6784622834289318  
--> Family: # 52

FV at Mutated Child #1 at Generation # 51 : 589.6805273376273  
FV at Mutated Child #2 at Generation # 51 : 12.048710833987224  
--> Family: # 53

FV at Mutated Child #1 at Generation # 51 : 10.857525126214055  
FV at Mutated Child #2 at Generation # 51 : 1.1857705447118028  
--> Family: # 54

FV at Mutated Child #1 at Generation # 51 : 44.15318514820158  
FV at Mutated Child #2 at Generation # 51 : 531.7247030442178  
--> Family: # 55

FV at Mutated Child #1 at Generation # 51 : 0.9299514890696846  
FV at Mutated Child #2 at Generation # 51 : 2499.2921039907287  
--> Family: # 56

FV at Mutated Child #1 at Generation # 51 : 1.5330745089733318  
FV at Mutated Child #2 at Generation # 51 : 1.619027274108375  
--> Family: # 57

FV at Mutated Child #1 at Generation # 51 : 1.6535741063608569  
FV at Mutated Child #2 at Generation # 51 : 1.2651395055854082  
--> Family: # 58

FV at Mutated Child #1 at Generation # 51 : 143.3060866037549  
FV at Mutated Child #2 at Generation # 51 : 1.017315696879847  
--> Family: # 59

FV at Mutated Child #1 at Generation # 51 : 6.561426765771209  
FV at Mutated Child #2 at Generation # 51 : 3.7558786188824436

--> Family: # 60

FV at Mutated Child #1 at Generation # 51 : 521.8276553212603  
FV at Mutated Child #2 at Generation # 51 : 38.346916580816355

--> Family: # 61

FV at Mutated Child #1 at Generation # 51 : 11.71099012558564  
FV at Mutated Child #2 at Generation # 51 : 2.15483112822863

--> Family: # 62

FV at Mutated Child #1 at Generation # 51 : 31.131188011582964  
FV at Mutated Child #2 at Generation # 51 : 617.7240184695873

--> Family: # 63

FV at Mutated Child #1 at Generation # 51 : 7.72361339039602  
FV at Mutated Child #2 at Generation # 51 : 5.3615635668364225

--> Family: # 64

FV at Mutated Child #1 at Generation # 51 : 1.1634205289060575  
FV at Mutated Child #2 at Generation # 51 : 4.161403230186737

--> Family: # 65

FV at Mutated Child #1 at Generation # 51 : 1.179032755392349  
FV at Mutated Child #2 at Generation # 51 : 3.0489350829146287

--> Family: # 66

FV at Mutated Child #1 at Generation # 51 : 6.528902944765369  
FV at Mutated Child #2 at Generation # 51 : 2.858379647037652

--> Family: # 67

FV at Mutated Child #1 at Generation # 51 : 3.9969347248037614  
FV at Mutated Child #2 at Generation # 51 : 32.99699851740523

--> Family: # 68

FV at Mutated Child #1 at Generation # 51 : 1.4411581130178632  
FV at Mutated Child #2 at Generation # 51 : 0.9460912437960596

--> Family: # 69

FV at Mutated Child #1 at Generation # 51 : 35.0337979345159  
FV at Mutated Child #2 at Generation # 51 : 37.15790579865507

--> Family: # 70

FV at Mutated Child #1 at Generation # 51 : 6.551152861092398  
FV at Mutated Child #2 at Generation # 51 : 0.830870498475121

--> Family: # 71

FV at Mutated Child #1 at Generation # 51 : 3.2240851911277115  
FV at Mutated Child #2 at Generation # 51 : 590.7322238514744

--> Family: # 72

FV at Mutated Child #1 at Generation # 51 : 139.94671955051425  
FV at Mutated Child #2 at Generation # 51 : 33.72795126411453

--> Family: # 73

FV at Mutated Child #1 at Generation # 51 : 1403.5684938602126  
FV at Mutated Child #2 at Generation # 51 : 2328.4735063720327

--> Family: # 74

FV at Mutated Child #1 at Generation # 51 : 146.11652279494464  
FV at Mutated Child #2 at Generation # 51 : 42.14608816910871

--> Family: # 75

FV at Mutated Child #1 at Generation # 51 : 139.25206686253773  
FV at Mutated Child #2 at Generation # 51 : 107.90295772387752  
--> Family: # 76

FV at Mutated Child #1 at Generation # 51 : 9.719586238457621  
FV at Mutated Child #2 at Generation # 51 : 1.0344612215707125  
--> Family: # 77

FV at Mutated Child #1 at Generation # 51 : 4.6967310911654465  
FV at Mutated Child #2 at Generation # 51 : 1.4881357415524694  
--> Family: # 78

FV at Mutated Child #1 at Generation # 51 : 29.881452858718404  
FV at Mutated Child #2 at Generation # 51 : 1.095180478601433  
--> Family: # 79

FV at Mutated Child #1 at Generation # 51 : 12.851425944306733  
FV at Mutated Child #2 at Generation # 51 : 618.3099624759384  
--> Family: # 80

FV at Mutated Child #1 at Generation # 51 : 1.3781674692927446  
FV at Mutated Child #2 at Generation # 51 : 1.3160229699532275  
--> Generation: # 52  
--> Family: # 1

FV at Mutated Child #1 at Generation # 52 : 6.368798158939092  
FV at Mutated Child #2 at Generation # 52 : 31.297601204896445  
--> Family: # 2

FV at Mutated Child #1 at Generation # 52 : 6.024747849250465  
FV at Mutated Child #2 at Generation # 52 : 1.2346061112812294  
--> Family: # 3

FV at Mutated Child #1 at Generation # 52 : 2.9166413841963124  
FV at Mutated Child #2 at Generation # 52 : 32.15687245140243  
--> Family: # 4

FV at Mutated Child #1 at Generation # 52 : 3.3146749727113214  
FV at Mutated Child #2 at Generation # 52 : 4.999472683820835  
--> Family: # 5

FV at Mutated Child #1 at Generation # 52 : 22.49279984561543  
FV at Mutated Child #2 at Generation # 52 : 0.7001154581156941  
--> Family: # 6

FV at Mutated Child #1 at Generation # 52 : 1.0692916698456703  
FV at Mutated Child #2 at Generation # 52 : 4.676907909435961  
--> Family: # 7

FV at Mutated Child #1 at Generation # 52 : 133.8240065729847  
FV at Mutated Child #2 at Generation # 52 : 422.0958057134831  
--> Family: # 8

FV at Mutated Child #1 at Generation # 52 : 1.1591875386910409  
FV at Mutated Child #2 at Generation # 52 : 1.3579344091670575  
--> Family: # 9

FV at Mutated Child #1 at Generation # 52 : 121.78145211439833  
FV at Mutated Child #2 at Generation # 52 : 0.8423512333428529  
--> Family: # 10

FV at Mutated Child #1 at Generation # 52 : 46.18070362731652  
FV at Mutated Child #2 at Generation # 52 : 2266.4957161578914  
--> Family: # 11

FV at Mutated Child #1 at Generation # 52 : 3.7009656540098277  
FV at Mutated Child #2 at Generation # 52 : 0.7948233958472004  
--> Family: # 12

FV at Mutated Child #1 at Generation # 52 : 0.6355207781983145  
FV at Mutated Child #2 at Generation # 52 : 1.7503230308550357  
--> Family: # 13

FV at Mutated Child #1 at Generation # 52 : 1.4555227904800825  
FV at Mutated Child #2 at Generation # 52 : 27.24738430449356  
--> Family: # 14

FV at Mutated Child #1 at Generation # 52 : 129.61305976460926  
FV at Mutated Child #2 at Generation # 52 : 25.65070446832155  
--> Family: # 15

FV at Mutated Child #1 at Generation # 52 : 124.69047609052326  
FV at Mutated Child #2 at Generation # 52 : 4.225153266673024  
--> Family: # 16

FV at Mutated Child #1 at Generation # 52 : 7.830534911624562  
FV at Mutated Child #2 at Generation # 52 : 25.35251673871641  
--> Family: # 17

FV at Mutated Child #1 at Generation # 52 : 6.909462338799669  
FV at Mutated Child #2 at Generation # 52 : 1.0349857015200226  
--> Family: # 18

FV at Mutated Child #1 at Generation # 52 : 0.7117644107710934  
FV at Mutated Child #2 at Generation # 52 : 5.013627241980548  
--> Family: # 19

FV at Mutated Child #1 at Generation # 52 : 0.8948461868908764  
FV at Mutated Child #2 at Generation # 52 : 4.327693554441016  
--> Family: # 20

FV at Mutated Child #1 at Generation # 52 : 1.1637611684530986  
FV at Mutated Child #2 at Generation # 52 : 1.3363383749287605  
--> Family: # 21

FV at Mutated Child #1 at Generation # 52 : 26.92027720870827  
FV at Mutated Child #2 at Generation # 52 : 136.4674187424972  
--> Family: # 22

FV at Mutated Child #1 at Generation # 52 : 2.616592168034657  
FV at Mutated Child #2 at Generation # 52 : 125.05317587031352  
--> Family: # 23

FV at Mutated Child #1 at Generation # 52 : 0.7750467369786406  
FV at Mutated Child #2 at Generation # 52 : 3.6166880091183025  
--> Family: # 24

FV at Mutated Child #1 at Generation # 52 : 0.7545247148839109  
FV at Mutated Child #2 at Generation # 52 : 0.8965210042816574  
--> Family: # 25



FV at Mutated Child #1 at Generation # 52 : 1.2646250640417231  
FV at Mutated Child #2 at Generation # 52 : 19.23160336736082  
--> Family: # 26

FV at Mutated Child #1 at Generation # 52 : 119.75408185951161  
FV at Mutated Child #2 at Generation # 52 : 4.87601278025258  
--> Family: # 27

FV at Mutated Child #1 at Generation # 52 : 127.33295396415492  
FV at Mutated Child #2 at Generation # 52 : 0.6293914678019349  
--> Family: # 28

FV at Mutated Child #1 at Generation # 52 : 136.63879090974154  
FV at Mutated Child #2 at Generation # 52 : 26.616533784556214  
--> Family: # 29

FV at Mutated Child #1 at Generation # 52 : 30.01100463121136  
FV at Mutated Child #2 at Generation # 52 : 0.6323667504439301  
--> Family: # 30

FV at Mutated Child #1 at Generation # 52 : 1.1637611684530986  
FV at Mutated Child #2 at Generation # 52 : 565.6450386560226  
--> Family: # 31

FV at Mutated Child #1 at Generation # 52 : 19.354100349677832  
FV at Mutated Child #2 at Generation # 52 : 594.5484047243868  
--> Family: # 32

FV at Mutated Child #1 at Generation # 52 : 31.931531398591797  
FV at Mutated Child #2 at Generation # 52 : 557.0773790932958  
--> Family: # 33

FV at Mutated Child #1 at Generation # 52 : 549.2420061218249  
FV at Mutated Child #2 at Generation # 52 : 141.82918848846438  
--> Family: # 34

FV at Mutated Child #1 at Generation # 52 : 0.8405349403200634  
FV at Mutated Child #2 at Generation # 52 : 598.3634054101959  
--> Family: # 35

FV at Mutated Child #1 at Generation # 52 : 4.412652628017886  
FV at Mutated Child #2 at Generation # 52 : 0.6395424908550938  
--> Family: # 36

FV at Mutated Child #1 at Generation # 52 : 2.241965713730543  
FV at Mutated Child #2 at Generation # 52 : 31.928565141753044  
--> Family: # 37

FV at Mutated Child #1 at Generation # 52 : 125.23483897634782  
FV at Mutated Child #2 at Generation # 52 : 2403.8819211685927  
--> Family: # 38

FV at Mutated Child #1 at Generation # 52 : 29.780725074020015  
FV at Mutated Child #2 at Generation # 52 : 0.62761992379862  
--> Family: # 39

FV at Mutated Child #1 at Generation # 52 : 25.713982664079417  
FV at Mutated Child #2 at Generation # 52 : 7.172586206689231  
--> Family: # 40

FV at Mutated Child #1 at Generation # 52 : 18.886391389140336

FV at Mutated Child #2 at Generation # 52 : 0.7074987882344512  
--> Family: # 41

FV at Mutated Child #1 at Generation # 52 : 29.6899654524168  
FV at Mutated Child #2 at Generation # 52 : 0.7071759433771825  
--> Family: # 42

FV at Mutated Child #1 at Generation # 52 : 8.041478045456673  
FV at Mutated Child #2 at Generation # 52 : 115.3558358260172  
--> Family: # 43

FV at Mutated Child #1 at Generation # 52 : 22.377782540616117  
FV at Mutated Child #2 at Generation # 52 : 1.501875802126437  
--> Family: # 44

FV at Mutated Child #1 at Generation # 52 : 1.154386139984386  
FV at Mutated Child #2 at Generation # 52 : 15.51125199908217  
--> Family: # 45

FV at Mutated Child #1 at Generation # 52 : 9.148536177646502  
FV at Mutated Child #2 at Generation # 52 : 7.088309102541779  
--> Family: # 46

FV at Mutated Child #1 at Generation # 52 : 5.265536987379641  
FV at Mutated Child #2 at Generation # 52 : 1.3336567293294168  
--> Family: # 47

FV at Mutated Child #1 at Generation # 52 : 25.474064626245458  
FV at Mutated Child #2 at Generation # 52 : 141.3793017302796  
--> Family: # 48

FV at Mutated Child #1 at Generation # 52 : 0.8252860311312697  
FV at Mutated Child #2 at Generation # 52 : 30.714188668163974  
--> Family: # 49

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FV at Mutated Child #2 at Generation # 52 : 1.8533365996795599  
--> Family: # 50

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FV at Mutated Child #2 at Generation # 52 : 135.86526133547113  
--> Family: # 51

FV at Mutated Child #1 at Generation # 52 : 34.670257111456365  
FV at Mutated Child #2 at Generation # 52 : 118.51476452644702  
--> Family: # 52

FV at Mutated Child #1 at Generation # 52 : 141.447941344735  
FV at Mutated Child #2 at Generation # 52 : 23.160236261381794  
--> Family: # 53

FV at Mutated Child #1 at Generation # 52 : 20.60059655371539  
FV at Mutated Child #2 at Generation # 52 : 28.696938852592613  
--> Family: # 54

FV at Mutated Child #1 at Generation # 52 : 3.590641561918164  
FV at Mutated Child #2 at Generation # 52 : 31.704114490065262  
--> Family: # 55

FV at Mutated Child #1 at Generation # 52 : 1.0281109961517765  
FV at Mutated Child #2 at Generation # 52 : 0.6516871999237099

--> Family: # 56

FV at Mutated Child #1 at Generation # 52 : 0.6323667504439301

FV at Mutated Child #2 at Generation # 52 : 132.60885989772413

--> Family: # 57

FV at Mutated Child #1 at Generation # 52 : 30.785852693973798

FV at Mutated Child #2 at Generation # 52 : 24.690416310558373

--> Family: # 58

FV at Mutated Child #1 at Generation # 52 : 30.503280055532628

FV at Mutated Child #2 at Generation # 52 : 1.2387164633859493

--> Family: # 59

FV at Mutated Child #1 at Generation # 52 : 404.84844194211826

FV at Mutated Child #2 at Generation # 52 : 7.720525547853317

--> Family: # 60

FV at Mutated Child #1 at Generation # 52 : 0.8900579474788917

FV at Mutated Child #2 at Generation # 52 : 134.45984199109816

--> Family: # 61

FV at Mutated Child #1 at Generation # 52 : 95.26965516399765

FV at Mutated Child #2 at Generation # 52 : 3.5634792716058508

--> Family: # 62

FV at Mutated Child #1 at Generation # 52 : 0.690963414529172

FV at Mutated Child #2 at Generation # 52 : 7.625762733475877

--> Family: # 63

FV at Mutated Child #1 at Generation # 52 : 1.062497951914772

FV at Mutated Child #2 at Generation # 52 : 2.178002973333119

--> Family: # 64

FV at Mutated Child #1 at Generation # 52 : 1.267363702784309

FV at Mutated Child #2 at Generation # 52 : 1.6462619129668241

--> Family: # 65

FV at Mutated Child #1 at Generation # 52 : 497.29911530158114

FV at Mutated Child #2 at Generation # 52 : 1.580846617178871

--> Family: # 66

FV at Mutated Child #1 at Generation # 52 : 136.47214482152683

FV at Mutated Child #2 at Generation # 52 : 1.9877906864059915

--> Family: # 67

FV at Mutated Child #1 at Generation # 52 : 5.793794214112308

FV at Mutated Child #2 at Generation # 52 : 1.8078798907156994

--> Family: # 68

FV at Mutated Child #1 at Generation # 52 : 34.15271778466123

FV at Mutated Child #2 at Generation # 52 : 125.05317587031352

--> Family: # 69

FV at Mutated Child #1 at Generation # 52 : 0.7302620116103441

FV at Mutated Child #2 at Generation # 52 : 0.7266874619609116

--> Family: # 70

FV at Mutated Child #1 at Generation # 52 : 3.5129883962842223

FV at Mutated Child #2 at Generation # 52 : 6.431777166222873

--> Family: # 71

FV at Mutated Child #1 at Generation # 52 : 7.839467561044105  
FV at Mutated Child #2 at Generation # 52 : 6.632933186844472  
--> Family: # 72

FV at Mutated Child #1 at Generation # 52 : 393.1532364235278  
FV at Mutated Child #2 at Generation # 52 : 82.03822293492921  
--> Family: # 73

FV at Mutated Child #1 at Generation # 52 : 26.624870386420778  
FV at Mutated Child #2 at Generation # 52 : 143.75869860055712  
--> Family: # 74

FV at Mutated Child #1 at Generation # 52 : 0.6893333109535634  
FV at Mutated Child #2 at Generation # 52 : 1.8888214698295962  
--> Family: # 75

FV at Mutated Child #1 at Generation # 52 : 625.7973310563339  
FV at Mutated Child #2 at Generation # 52 : 363.4711292078961  
--> Family: # 76

FV at Mutated Child #1 at Generation # 52 : 25.63975886735262  
FV at Mutated Child #2 at Generation # 52 : 0.818006642355029  
--> Family: # 77

FV at Mutated Child #1 at Generation # 52 : 29.780725074020015  
FV at Mutated Child #2 at Generation # 52 : 0.7439511677772116  
--> Family: # 78

FV at Mutated Child #1 at Generation # 52 : 594.1919561718028  
FV at Mutated Child #2 at Generation # 52 : 0.6652131931828782  
--> Family: # 79

FV at Mutated Child #1 at Generation # 52 : 4.123404183533259  
FV at Mutated Child #2 at Generation # 52 : 1.1284361420751519  
--> Family: # 80

FV at Mutated Child #1 at Generation # 52 : 1.6385489043893675  
FV at Mutated Child #2 at Generation # 52 : 6.6637043902576965  
--> Generation: # 53  
--> Family: # 1

FV at Mutated Child #1 at Generation # 53 : 627.2196936530547  
FV at Mutated Child #2 at Generation # 53 : 623.3342140247476  
--> Family: # 2

FV at Mutated Child #1 at Generation # 53 : 0.8379844644721253  
FV at Mutated Child #2 at Generation # 53 : 54.15993595886406  
--> Family: # 3

FV at Mutated Child #1 at Generation # 53 : 30.00848389856325  
FV at Mutated Child #2 at Generation # 53 : 38.53877619871827  
--> Family: # 4

FV at Mutated Child #1 at Generation # 53 : 119.97917105410966  
FV at Mutated Child #2 at Generation # 53 : 30.327387641541254  
--> Family: # 5

FV at Mutated Child #1 at Generation # 53 : 144.35479248596437  
FV at Mutated Child #2 at Generation # 53 : 1.2908295829789427  
--> Family: # 6

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FV at Mutated Child #1 at Generation # 53 : 43.135645141120825
FV at Mutated Child #2 at Generation # 53 : 6.407828431160202
--> Family: # 7

FV at Mutated Child #1 at Generation # 53 : 6.380765048119133
FV at Mutated Child #2 at Generation # 53 : 11.773247391420245
--> Family: # 8

FV at Mutated Child #1 at Generation # 53 : 154.22381725205997
FV at Mutated Child #2 at Generation # 53 : 32.85360152788951
--> Family: # 9

FV at Mutated Child #1 at Generation # 53 : 2317.6267238657656
FV at Mutated Child #2 at Generation # 53 : 2356.8325600843573
--> Family: # 10

FV at Mutated Child #1 at Generation # 53 : 2.1458289133717
FV at Mutated Child #2 at Generation # 53 : 39.39295471737548
--> Family: # 11

FV at Mutated Child #1 at Generation # 53 : 116.53761945341247
FV at Mutated Child #2 at Generation # 53 : 30.91747932528338
--> Family: # 12

FV at Mutated Child #1 at Generation # 53 : 149.1988960158268
FV at Mutated Child #2 at Generation # 53 : 143.03770278513795
--> Family: # 13

FV at Mutated Child #1 at Generation # 53 : 0.8536093521761148
FV at Mutated Child #2 at Generation # 53 : 2.597851386940826
--> Family: # 14

FV at Mutated Child #1 at Generation # 53 : 1.3185680334517844
FV at Mutated Child #2 at Generation # 53 : 0.8546336946467538
--> Family: # 15

FV at Mutated Child #1 at Generation # 53 : 40.83110644009301
FV at Mutated Child #2 at Generation # 53 : 100.32415926444541
--> Family: # 16

FV at Mutated Child #1 at Generation # 53 : 10.050762666978494
FV at Mutated Child #2 at Generation # 53 : 36.03376265881065
--> Family: # 17

FV at Mutated Child #1 at Generation # 53 : 0.9047199709080187
FV at Mutated Child #2 at Generation # 53 : 28.17496354939246
--> Family: # 18

FV at Mutated Child #1 at Generation # 53 : 154.5214807042209
FV at Mutated Child #2 at Generation # 53 : 40.065504305332894
--> Family: # 19

FV at Mutated Child #1 at Generation # 53 : 643.2116388562322
FV at Mutated Child #2 at Generation # 53 : 1.1426542222182035
--> Family: # 20

FV at Mutated Child #1 at Generation # 53 : 20.06568070180668
FV at Mutated Child #2 at Generation # 53 : 10.091446801123668
--> Family: # 21
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FV at Mutated Child #1 at Generation # 53 : 30.86206217091528  
FV at Mutated Child #2 at Generation # 53 : 150.81729783483948  
--> Family: # 22

FV at Mutated Child #1 at Generation # 53 : 1.1335626552293714  
FV at Mutated Child #2 at Generation # 53 : 559.2677289728251  
--> Family: # 23

FV at Mutated Child #1 at Generation # 53 : 136.84463574837613  
FV at Mutated Child #2 at Generation # 53 : 30.863261450875  
--> Family: # 24

FV at Mutated Child #1 at Generation # 53 : 17.49270075667385  
FV at Mutated Child #2 at Generation # 53 : 1.0487202611718263  
--> Family: # 25

FV at Mutated Child #1 at Generation # 53 : 7.0595614075117545  
FV at Mutated Child #2 at Generation # 53 : 14.603755660411386  
--> Family: # 26

FV at Mutated Child #1 at Generation # 53 : 6.492470527668625  
FV at Mutated Child #2 at Generation # 53 : 39.75004442711242  
--> Family: # 27

FV at Mutated Child #1 at Generation # 53 : 10.695803211365252  
FV at Mutated Child #2 at Generation # 53 : 6.852704054504759  
--> Family: # 28

FV at Mutated Child #1 at Generation # 53 : 33.131421319560765  
FV at Mutated Child #2 at Generation # 53 : 22.833477898565974  
--> Family: # 29

FV at Mutated Child #1 at Generation # 53 : 34.88212207297453  
FV at Mutated Child #2 at Generation # 53 : 147.54451955507133  
--> Family: # 30

FV at Mutated Child #1 at Generation # 53 : 3.4845769994184144  
FV at Mutated Child #2 at Generation # 53 : 9.644698560883562  
--> Family: # 31

FV at Mutated Child #1 at Generation # 53 : 36.36525065583822  
FV at Mutated Child #2 at Generation # 53 : 3.3982994279680265  
--> Family: # 32

FV at Mutated Child #1 at Generation # 53 : 541.3621203298649  
FV at Mutated Child #2 at Generation # 53 : 32.99699851740523  
--> Family: # 33

FV at Mutated Child #1 at Generation # 53 : 1.1715360702685576  
FV at Mutated Child #2 at Generation # 53 : 4.1854429573359  
--> Family: # 34

FV at Mutated Child #1 at Generation # 53 : 133.86787949892152  
FV at Mutated Child #2 at Generation # 53 : 1.8425104700623205  
--> Family: # 35

FV at Mutated Child #1 at Generation # 53 : 0.6328409348557754  
FV at Mutated Child #2 at Generation # 53 : 2314.358368251175  
--> Family: # 36

FV at Mutated Child #1 at Generation # 53 : 33.55038672704354

FV at Mutated Child #2 at Generation # 53 : 2.9929464053781865

--> Family: # 37

FV at Mutated Child #1 at Generation # 53 : 629.4421726120987

FV at Mutated Child #2 at Generation # 53 : 10.857525126214055

--> Family: # 38

FV at Mutated Child #1 at Generation # 53 : 1.1649875985313334

FV at Mutated Child #2 at Generation # 53 : 1.2760837837107672

--> Family: # 39

FV at Mutated Child #1 at Generation # 53 : 589.6805273376273

FV at Mutated Child #2 at Generation # 53 : 1.3160229699532275

--> Family: # 40

FV at Mutated Child #1 at Generation # 53 : 2.090457247054627

FV at Mutated Child #2 at Generation # 53 : 8.268855800982685

--> Family: # 41

FV at Mutated Child #1 at Generation # 53 : 40.055842444178744

FV at Mutated Child #2 at Generation # 53 : 4.295143338939125

--> Family: # 42

FV at Mutated Child #1 at Generation # 53 : 192.56570275992834

FV at Mutated Child #2 at Generation # 53 : 0.8579943184031148

--> Family: # 43

FV at Mutated Child #1 at Generation # 53 : 1.9372513313459883

FV at Mutated Child #2 at Generation # 53 : 2402.8897775536802

--> Family: # 44

FV at Mutated Child #1 at Generation # 53 : 1.6423838627389382

FV at Mutated Child #2 at Generation # 53 : 3.891345289083276

--> Family: # 45

FV at Mutated Child #1 at Generation # 53 : 610.6286033506522

FV at Mutated Child #2 at Generation # 53 : 40.4735922331024

--> Family: # 46

FV at Mutated Child #1 at Generation # 53 : 447.73986420954384

FV at Mutated Child #2 at Generation # 53 : 42.02841779006294

--> Family: # 47

FV at Mutated Child #1 at Generation # 53 : 9.254091129220384

FV at Mutated Child #2 at Generation # 53 : 37.70913092951036

--> Family: # 48

FV at Mutated Child #1 at Generation # 53 : 1.2929663164277638

FV at Mutated Child #2 at Generation # 53 : 1.3160229699532275

--> Family: # 49

FV at Mutated Child #1 at Generation # 53 : 557.7908803564233

FV at Mutated Child #2 at Generation # 53 : 0.7814658674465897

--> Family: # 50

FV at Mutated Child #1 at Generation # 53 : 3.159833418085734

FV at Mutated Child #2 at Generation # 53 : 515.019122324808

--> Family: # 51

FV at Mutated Child #1 at Generation # 53 : 107.6034678480066

FV at Mutated Child #2 at Generation # 53 : 1.2298467125094532

--> Family: # 52

FV at Mutated Child #1 at Generation # 53 : 565.053743883656

FV at Mutated Child #2 at Generation # 53 : 1.0326588713832912

--> Family: # 53

FV at Mutated Child #1 at Generation # 53 : 596.0475444521845

FV at Mutated Child #2 at Generation # 53 : 1.6423838627389382

--> Family: # 54

FV at Mutated Child #1 at Generation # 53 : 8.761458088908753

FV at Mutated Child #2 at Generation # 53 : 19.32044647817044

--> Family: # 55

FV at Mutated Child #1 at Generation # 53 : 1.4411581130178632

FV at Mutated Child #2 at Generation # 53 : 37.14770586440526

--> Family: # 56

FV at Mutated Child #1 at Generation # 53 : 1.1237308195137956

FV at Mutated Child #2 at Generation # 53 : 2.1273939006688374

--> Family: # 57

FV at Mutated Child #1 at Generation # 53 : 147.35577209108416

FV at Mutated Child #2 at Generation # 53 : 138.0348695538408

--> Family: # 58

FV at Mutated Child #1 at Generation # 53 : 1.0475827256529704

FV at Mutated Child #2 at Generation # 53 : 1.3086663365218718

--> Family: # 59

FV at Mutated Child #1 at Generation # 53 : 39.39295471737548

FV at Mutated Child #2 at Generation # 53 : 3.206175955126914

--> Family: # 60

FV at Mutated Child #1 at Generation # 53 : 8.886290364197837

FV at Mutated Child #2 at Generation # 53 : 159.91743564430348

--> Family: # 61

FV at Mutated Child #1 at Generation # 53 : 2.7945452364677568

FV at Mutated Child #2 at Generation # 53 : 2.1172141720797892

--> Family: # 62

FV at Mutated Child #1 at Generation # 53 : 504.36916535903805

FV at Mutated Child #2 at Generation # 53 : 2.9929464053781865

--> Family: # 63

FV at Mutated Child #1 at Generation # 53 : 39.11946161446705

FV at Mutated Child #2 at Generation # 53 : 6.1131827297876145

--> Family: # 64

FV at Mutated Child #1 at Generation # 53 : 20.267954188825257

FV at Mutated Child #2 at Generation # 53 : 158.64463544188433

--> Family: # 65

FV at Mutated Child #1 at Generation # 53 : 35.54103205224613

FV at Mutated Child #2 at Generation # 53 : 3.4916989885184337

--> Family: # 66

FV at Mutated Child #1 at Generation # 53 : 6.593932158796918

FV at Mutated Child #2 at Generation # 53 : 2.241877114321474

--> Family: # 67



FV at Mutated Child #1 at Generation # 53 : 2315.55198595034  
FV at Mutated Child #2 at Generation # 53 : 3.79081724166996  
--> Family: # 68

FV at Mutated Child #1 at Generation # 53 : 19.426014222128106  
FV at Mutated Child #2 at Generation # 53 : 161.07843503821266  
--> Family: # 69

FV at Mutated Child #1 at Generation # 53 : 6.352289582663136  
FV at Mutated Child #2 at Generation # 53 : 36.09172826826412  
--> Family: # 70

FV at Mutated Child #1 at Generation # 53 : 563.5688494776109  
FV at Mutated Child #2 at Generation # 53 : 636.8110715884947  
--> Family: # 71

FV at Mutated Child #1 at Generation # 53 : 21.476055105412357  
FV at Mutated Child #2 at Generation # 53 : 0.8472509337485955  
--> Family: # 72

FV at Mutated Child #1 at Generation # 53 : 1.6423838627389382  
FV at Mutated Child #2 at Generation # 53 : 7.065909618003759  
--> Family: # 73

FV at Mutated Child #1 at Generation # 53 : 2195.2853325754127  
FV at Mutated Child #2 at Generation # 53 : 1.6046920402150588  
--> Family: # 74

FV at Mutated Child #1 at Generation # 53 : 6.352289582663136  
FV at Mutated Child #2 at Generation # 53 : 11.072066211005131  
--> Family: # 75

FV at Mutated Child #1 at Generation # 53 : 19.922904742917876  
FV at Mutated Child #2 at Generation # 53 : 35.25307699668443  
--> Family: # 76

FV at Mutated Child #1 at Generation # 53 : 1.8224595143952114  
FV at Mutated Child #2 at Generation # 53 : 11.814409950217604  
--> Family: # 77

FV at Mutated Child #1 at Generation # 53 : 3.5634792716058508  
FV at Mutated Child #2 at Generation # 53 : 628.2181961266543  
--> Family: # 78

FV at Mutated Child #1 at Generation # 53 : 1.399478494399483  
FV at Mutated Child #2 at Generation # 53 : 2.237272125854669  
--> Family: # 79

FV at Mutated Child #1 at Generation # 53 : 136.95337695462246  
FV at Mutated Child #2 at Generation # 53 : 2.058196842043541  
--> Family: # 80

FV at Mutated Child #1 at Generation # 53 : 1.022019492509056  
FV at Mutated Child #2 at Generation # 53 : 3.3029435327241092  
--> Generation: # 54  
--> Family: # 1

FV at Mutated Child #1 at Generation # 54 : 9.385212989642707  
FV at Mutated Child #2 at Generation # 54 : 0.690963414529172  
--> Family: # 2

FV at Mutated Child #1 at Generation # 54 : 0.8116563509790331  
FV at Mutated Child #2 at Generation # 54 : 6.106025548484551  
--> Family: # 3

FV at Mutated Child #1 at Generation # 54 : 1.2106818115770022  
FV at Mutated Child #2 at Generation # 54 : 30.01100463121136  
--> Family: # 4

FV at Mutated Child #1 at Generation # 54 : 2.1129569464821953  
FV at Mutated Child #2 at Generation # 54 : 2.8039687032066585  
--> Family: # 5

FV at Mutated Child #1 at Generation # 54 : 0.7277006961550285  
FV at Mutated Child #2 at Generation # 54 : 6.7232878432002  
--> Family: # 6

FV at Mutated Child #1 at Generation # 54 : 0.8551584295586179  
FV at Mutated Child #2 at Generation # 54 : 126.85493410599254  
--> Family: # 7

FV at Mutated Child #1 at Generation # 54 : 102.73461933588021  
FV at Mutated Child #2 at Generation # 54 : 2.1009634824318915  
--> Family: # 8

FV at Mutated Child #1 at Generation # 54 : 11.981681850715677  
FV at Mutated Child #2 at Generation # 54 : 31.45021256325848  
--> Family: # 9

FV at Mutated Child #1 at Generation # 54 : 31.966420951004725  
FV at Mutated Child #2 at Generation # 54 : 32.79109990497605  
--> Family: # 10

FV at Mutated Child #1 at Generation # 54 : 1.8636800375662652  
FV at Mutated Child #2 at Generation # 54 : 0.7439511677772116  
--> Family: # 11

FV at Mutated Child #1 at Generation # 54 : 33.273435347858545  
FV at Mutated Child #2 at Generation # 54 : 0.9794821290718703  
--> Family: # 12

FV at Mutated Child #1 at Generation # 54 : 1.2498993792210702  
FV at Mutated Child #2 at Generation # 54 : 470.8570814222207  
--> Family: # 13

FV at Mutated Child #1 at Generation # 54 : 3.548756235707987  
FV at Mutated Child #2 at Generation # 54 : 2414.1094823952303  
--> Family: # 14

FV at Mutated Child #1 at Generation # 54 : 30.580418844766942  
FV at Mutated Child #2 at Generation # 54 : 2.9154556216667937  
--> Family: # 15

FV at Mutated Child #1 at Generation # 54 : 0.9391624307847748  
FV at Mutated Child #2 at Generation # 54 : 0.655189072728734  
--> Family: # 16

FV at Mutated Child #1 at Generation # 54 : 1.9224297550437317  
FV at Mutated Child #2 at Generation # 54 : 3.5955100006389973  
--> Family: # 17

FV at Mutated Child #1 at Generation # 54 : 139.8690002048128  
FV at Mutated Child #2 at Generation # 54 : 26.667909200550117  
--> Family: # 18

FV at Mutated Child #1 at Generation # 54 : 0.9349016713930087  
FV at Mutated Child #2 at Generation # 54 : 0.7075234248296592  
--> Family: # 19

FV at Mutated Child #1 at Generation # 54 : 1.7919127441753462  
FV at Mutated Child #2 at Generation # 54 : 4.6049215253111955  
--> Family: # 20

FV at Mutated Child #1 at Generation # 54 : 0.6198966661368197  
FV at Mutated Child #2 at Generation # 54 : 578.0045906284084  
--> Family: # 21

FV at Mutated Child #1 at Generation # 54 : 126.58076106811325  
FV at Mutated Child #2 at Generation # 54 : 145.91227796309119  
--> Family: # 22

FV at Mutated Child #1 at Generation # 54 : 577.7541387660866  
FV at Mutated Child #2 at Generation # 54 : 597.7341469274227  
--> Family: # 23

FV at Mutated Child #1 at Generation # 54 : 600.6700558413886  
FV at Mutated Child #2 at Generation # 54 : 2.0022435035085295  
--> Family: # 24

FV at Mutated Child #1 at Generation # 54 : 23.064198522746313  
FV at Mutated Child #2 at Generation # 54 : 28.021645967301986  
--> Family: # 25

FV at Mutated Child #1 at Generation # 54 : 593.3589532216151  
FV at Mutated Child #2 at Generation # 54 : 6.45772185419831  
--> Family: # 26

FV at Mutated Child #1 at Generation # 54 : 7.020409547466217  
FV at Mutated Child #2 at Generation # 54 : 7.8741290442616325  
--> Family: # 27

FV at Mutated Child #1 at Generation # 54 : 6.625616685289209  
FV at Mutated Child #2 at Generation # 54 : 32.16688029851569  
--> Family: # 28

FV at Mutated Child #1 at Generation # 54 : 27.716435348752498  
FV at Mutated Child #2 at Generation # 54 : 5.338936389392002  
--> Family: # 29

FV at Mutated Child #1 at Generation # 54 : 35.24190325977103  
FV at Mutated Child #2 at Generation # 54 : 135.8990006633944  
--> Family: # 30

FV at Mutated Child #1 at Generation # 54 : 35.05280387437148  
FV at Mutated Child #2 at Generation # 54 : 18.87196545458473  
--> Family: # 31

FV at Mutated Child #1 at Generation # 54 : 2422.6632312765273  
FV at Mutated Child #2 at Generation # 54 : 133.5353332868612  
--> Family: # 32

FV at Mutated Child #1 at Generation # 54 : 147.39505103345246

FV at Mutated Child #2 at Generation # 54 : 0.7268850034106713

--> Family: # 33

FV at Mutated Child #1 at Generation # 54 : 7.779056617036389

FV at Mutated Child #2 at Generation # 54 : 147.78989903442618

--> Family: # 34

FV at Mutated Child #1 at Generation # 54 : 2.1306978029533648

FV at Mutated Child #2 at Generation # 54 : 99.69436927106372

--> Family: # 35

FV at Mutated Child #1 at Generation # 54 : 0.7058524504101736

FV at Mutated Child #2 at Generation # 54 : 510.4924779676487

--> Family: # 36

FV at Mutated Child #1 at Generation # 54 : 382.0776866632927

FV at Mutated Child #2 at Generation # 54 : 425.44638266190606

--> Family: # 37

FV at Mutated Child #1 at Generation # 54 : 0.648515030201997

FV at Mutated Child #2 at Generation # 54 : 1.4648256444144414

--> Family: # 38

FV at Mutated Child #1 at Generation # 54 : 22.101424061314688

FV at Mutated Child #2 at Generation # 54 : 599.709258137675

--> Family: # 39

FV at Mutated Child #1 at Generation # 54 : 0.95419495609846

FV at Mutated Child #2 at Generation # 54 : 32.79109990497605

--> Family: # 40

FV at Mutated Child #1 at Generation # 54 : 20.837787564223532

FV at Mutated Child #2 at Generation # 54 : 31.836600138668377

--> Family: # 41

FV at Mutated Child #1 at Generation # 54 : 11.8407082150495

FV at Mutated Child #2 at Generation # 54 : 31.174227417505204

--> Family: # 42

FV at Mutated Child #1 at Generation # 54 : 5.886924847604695

FV at Mutated Child #2 at Generation # 54 : 123.12149181175927

--> Family: # 43

FV at Mutated Child #1 at Generation # 54 : 2.026246646303175

FV at Mutated Child #2 at Generation # 54 : 1.306859912043155

--> Family: # 44

FV at Mutated Child #1 at Generation # 54 : 4.271580963014056

FV at Mutated Child #2 at Generation # 54 : 0.7129378294607374

--> Family: # 45

FV at Mutated Child #1 at Generation # 54 : 31.693912734321835

FV at Mutated Child #2 at Generation # 54 : 32.15687245140243

--> Family: # 46

FV at Mutated Child #1 at Generation # 54 : 61.75598803919715

FV at Mutated Child #2 at Generation # 54 : 1.3169876285145445

--> Family: # 47

FV at Mutated Child #1 at Generation # 54 : 64.57084858137848

FV at Mutated Child #2 at Generation # 54 : 84.63074459162259

--> Family: # 48

FV at Mutated Child #1 at Generation # 54 : 31.836600138668377

FV at Mutated Child #2 at Generation # 54 : 425.65356287401715

--> Family: # 49

FV at Mutated Child #1 at Generation # 54 : 0.7997261099649797

FV at Mutated Child #2 at Generation # 54 : 7.050941461736703

--> Family: # 50

FV at Mutated Child #1 at Generation # 54 : 1.1207445305904102

FV at Mutated Child #2 at Generation # 54 : 550.2557319776868

--> Family: # 51

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FV at Mutated Child #2 at Generation # 54 : 71.25806706357203

--> Family: # 52

FV at Mutated Child #1 at Generation # 54 : 133.91892741043316

FV at Mutated Child #2 at Generation # 54 : 7.143869765760132

--> Family: # 53

FV at Mutated Child #1 at Generation # 54 : 78.19601266220772

FV at Mutated Child #2 at Generation # 54 : 1.0006478366786467

--> Family: # 54

FV at Mutated Child #1 at Generation # 54 : 1.2386203303639467

FV at Mutated Child #2 at Generation # 54 : 357.01099110850697

--> Family: # 55

FV at Mutated Child #1 at Generation # 54 : 436.6950397629968

FV at Mutated Child #2 at Generation # 54 : 35.989665567295674

--> Family: # 56

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FV at Mutated Child #2 at Generation # 54 : 15.491066356248258

--> Family: # 57

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FV at Mutated Child #2 at Generation # 54 : 2.009682166437296

--> Family: # 59

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--> Family: # 60

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FV at Mutated Child #2 at Generation # 54 : 128.3941630640858

--> Family: # 61

FV at Mutated Child #1 at Generation # 54 : 10.168033703906293

FV at Mutated Child #2 at Generation # 54 : 15.404395050944974

--> Family: # 62

FV at Mutated Child #1 at Generation # 54 : 23.903293466762108

FV at Mutated Child #2 at Generation # 54 : 2525.4193149756647

--> Family: # 63

FV at Mutated Child #1 at Generation # 54 : 4.120308118170665  
FV at Mutated Child #2 at Generation # 54 : 26.376803930673066  
--> Family: # 64

FV at Mutated Child #1 at Generation # 54 : 1.7029293931123441  
FV at Mutated Child #2 at Generation # 54 : 6.745102193244449  
--> Family: # 65

FV at Mutated Child #1 at Generation # 54 : 135.7962872289365  
FV at Mutated Child #2 at Generation # 54 : 4.533977029585988  
--> Family: # 66

FV at Mutated Child #1 at Generation # 54 : 0.6328409348557754  
FV at Mutated Child #2 at Generation # 54 : 589.7373157512088  
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FV at Mutated Child #1 at Generation # 54 : 32.90679411146801  
FV at Mutated Child #2 at Generation # 54 : 0.7103350710499404  
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FV at Mutated Child #1 at Generation # 54 : 4.533977029585988  
FV at Mutated Child #2 at Generation # 54 : 2.54871448249932  
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FV at Mutated Child #2 at Generation # 54 : 1.2259337248921116  
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FV at Mutated Child #2 at Generation # 54 : 6.391165657575672  
--> Family: # 71

FV at Mutated Child #1 at Generation # 54 : 45.034291367220554  
FV at Mutated Child #2 at Generation # 54 : 20.780924188861636  
--> Family: # 72

FV at Mutated Child #1 at Generation # 54 : 3.871857633241009  
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--> Family: # 73

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FV at Mutated Child #2 at Generation # 54 : 1.4275293101767061  
--> Family: # 74

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FV at Mutated Child #2 at Generation # 54 : 0.7026420756249643  
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FV at Mutated Child #1 at Generation # 54 : 136.85006327182577  
FV at Mutated Child #2 at Generation # 54 : 26.385689769000383  
--> Family: # 76

FV at Mutated Child #1 at Generation # 54 : 0.7658533817686692  
FV at Mutated Child #2 at Generation # 54 : 117.87175556560835  
--> Family: # 77

FV at Mutated Child #1 at Generation # 54 : 0.7927198333127564  
FV at Mutated Child #2 at Generation # 54 : 0.8900579474788917  
--> Family: # 78

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FV at Mutated Child #2 at Generation # 54 : 0.9481024313024254  
--> Family: # 79

FV at Mutated Child #1 at Generation # 54 : 8.58964217647761  
FV at Mutated Child #2 at Generation # 54 : 0.8551584295586179  
--> Family: # 80

FV at Mutated Child #1 at Generation # 54 : 94.52528630650755  
FV at Mutated Child #2 at Generation # 54 : 5.108216405836129  
--> Generation: # 55  
--> Family: # 1

FV at Mutated Child #1 at Generation # 55 : 7.211026909312209  
FV at Mutated Child #2 at Generation # 55 : 138.79950300789426  
--> Family: # 2

FV at Mutated Child #1 at Generation # 55 : 42.43795414186361  
FV at Mutated Child #2 at Generation # 55 : 0.933980793080263  
--> Family: # 3

FV at Mutated Child #1 at Generation # 55 : 38.787693218765455  
FV at Mutated Child #2 at Generation # 55 : 1.8706635120430501  
--> Family: # 4

FV at Mutated Child #1 at Generation # 55 : 8.602957043863935  
FV at Mutated Child #2 at Generation # 55 : 9.580891072504476  
--> Family: # 5

FV at Mutated Child #1 at Generation # 55 : 1.2480627421500459  
FV at Mutated Child #2 at Generation # 55 : 3.06540092867456  
--> Family: # 6

FV at Mutated Child #1 at Generation # 55 : 140.30853322858187  
FV at Mutated Child #2 at Generation # 55 : 1.4148579705686348  
--> Family: # 7

FV at Mutated Child #1 at Generation # 55 : 156.97052303182485  
FV at Mutated Child #2 at Generation # 55 : 3.7822973086706875  
--> Family: # 8

FV at Mutated Child #1 at Generation # 55 : 16.303204718569845  
FV at Mutated Child #2 at Generation # 55 : 152.78245845990168  
--> Family: # 9

FV at Mutated Child #1 at Generation # 55 : 11.773247391420245  
FV at Mutated Child #2 at Generation # 55 : 7.434421035719769  
--> Family: # 10

FV at Mutated Child #1 at Generation # 55 : 3.6696436772093493  
FV at Mutated Child #2 at Generation # 55 : 5.473506464344701  
--> Family: # 11

FV at Mutated Child #1 at Generation # 55 : 1.1237308195137956  
FV at Mutated Child #2 at Generation # 55 : 142.4237516764402  
--> Family: # 12

FV at Mutated Child #1 at Generation # 55 : 0.8200820685272765  
FV at Mutated Child #2 at Generation # 55 : 8.149535663133179  
--> Family: # 13

FV at Mutated Child #1 at Generation # 55 : 1.1421517753455843  
FV at Mutated Child #2 at Generation # 55 : 39.707358054501256  
--> Family: # 14

FV at Mutated Child #1 at Generation # 55 : 3.7417642246106837  
FV at Mutated Child #2 at Generation # 55 : 2.4942369163341773  
--> Family: # 15

FV at Mutated Child #1 at Generation # 55 : 2497.564200570242  
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--> Family: # 16

FV at Mutated Child #1 at Generation # 55 : 135.75013843122454  
FV at Mutated Child #2 at Generation # 55 : 3.323702112414024  
--> Family: # 17

FV at Mutated Child #1 at Generation # 55 : 2.727897923880933  
FV at Mutated Child #2 at Generation # 55 : 7.230813554622402  
--> Family: # 18

FV at Mutated Child #1 at Generation # 55 : 4.244575766467841  
FV at Mutated Child #2 at Generation # 55 : 10.688253561672003  
--> Family: # 19

FV at Mutated Child #1 at Generation # 55 : 2.561392173538869  
FV at Mutated Child #2 at Generation # 55 : 5.5600192952042224  
--> Family: # 20

FV at Mutated Child #1 at Generation # 55 : 14.3450901649207  
FV at Mutated Child #2 at Generation # 55 : 552.5170754713431  
--> Family: # 21

FV at Mutated Child #1 at Generation # 55 : 154.0740401765513  
FV at Mutated Child #2 at Generation # 55 : 3.0274674579274654  
--> Family: # 22

FV at Mutated Child #1 at Generation # 55 : 2.115944034537585  
FV at Mutated Child #2 at Generation # 55 : 0.7745841661443422  
--> Family: # 23

FV at Mutated Child #1 at Generation # 55 : 33.22856520832681  
FV at Mutated Child #2 at Generation # 55 : 132.2623095997954  
--> Family: # 24

FV at Mutated Child #1 at Generation # 55 : 139.46424850749503  
FV at Mutated Child #2 at Generation # 55 : 153.82209390955518  
--> Family: # 25

FV at Mutated Child #1 at Generation # 55 : 0.8803660976224034  
FV at Mutated Child #2 at Generation # 55 : 40.980390799300366  
--> Family: # 26

FV at Mutated Child #1 at Generation # 55 : 6.54199982937095  
FV at Mutated Child #2 at Generation # 55 : 18.12912129311893  
--> Family: # 27

FV at Mutated Child #1 at Generation # 55 : 33.382990121557036  
FV at Mutated Child #2 at Generation # 55 : 3.783532795971644  
--> Family: # 28

FV at Mutated Child #1 at Generation # 55 : 15.362600941331968



FV at Mutated Child #2 at Generation # 55 : 36.12051931533088  
--> Family: # 29

FV at Mutated Child #1 at Generation # 55 : 149.6721777805572  
FV at Mutated Child #2 at Generation # 55 : 0.8653813053859557  
--> Family: # 30

FV at Mutated Child #1 at Generation # 55 : 3.0067217645874695  
FV at Mutated Child #2 at Generation # 55 : 580.2931454498315  
--> Family: # 31

FV at Mutated Child #1 at Generation # 55 : 3.819975391563262  
FV at Mutated Child #2 at Generation # 55 : 2.830044153460676  
--> Family: # 32

FV at Mutated Child #1 at Generation # 55 : 39.518441758271734  
FV at Mutated Child #2 at Generation # 55 : 1.3839937302100607  
--> Family: # 33

FV at Mutated Child #1 at Generation # 55 : 15.155781917037247  
FV at Mutated Child #2 at Generation # 55 : 14.31060007676792  
--> Family: # 34

FV at Mutated Child #1 at Generation # 55 : 14.3450901649207  
FV at Mutated Child #2 at Generation # 55 : 20.900144740769235  
--> Family: # 35

FV at Mutated Child #1 at Generation # 55 : 1.6046920402150588  
FV at Mutated Child #2 at Generation # 55 : 32.9408794945294  
--> Family: # 36

FV at Mutated Child #1 at Generation # 55 : 15.95093693070396  
FV at Mutated Child #2 at Generation # 55 : 1.446070865895578  
--> Family: # 37

FV at Mutated Child #1 at Generation # 55 : 0.8038995473340103  
FV at Mutated Child #2 at Generation # 55 : 9.432170187427111  
--> Family: # 38

FV at Mutated Child #1 at Generation # 55 : 157.56479845318444  
FV at Mutated Child #2 at Generation # 55 : 5.408538148241084  
--> Family: # 39

FV at Mutated Child #1 at Generation # 55 : 5.436750302923839  
FV at Mutated Child #2 at Generation # 55 : 21.970216239834667  
--> Family: # 40

FV at Mutated Child #1 at Generation # 55 : 3.1455602010769246  
FV at Mutated Child #2 at Generation # 55 : 3.4791344298475635  
--> Family: # 41

FV at Mutated Child #1 at Generation # 55 : 0.9321141438443894  
FV at Mutated Child #2 at Generation # 55 : 3.872104763531094  
--> Family: # 42

FV at Mutated Child #1 at Generation # 55 : 1.0411363867983612  
FV at Mutated Child #2 at Generation # 55 : 2.617772214233642  
--> Family: # 43

FV at Mutated Child #1 at Generation # 55 : 13.457999640742754  
FV at Mutated Child #2 at Generation # 55 : 1.022019492509056

--> Family: # 44

FV at Mutated Child #1 at Generation # 55 : 2.554399505427001

FV at Mutated Child #2 at Generation # 55 : 34.97993214154681

--> Family: # 45

FV at Mutated Child #1 at Generation # 55 : 4.564256998090465

FV at Mutated Child #2 at Generation # 55 : 3.2184372097093648

--> Family: # 46

FV at Mutated Child #1 at Generation # 55 : 129.67156068653486

FV at Mutated Child #2 at Generation # 55 : 10.389439718093595

--> Family: # 47

FV at Mutated Child #1 at Generation # 55 : 2.6991715776983902

FV at Mutated Child #2 at Generation # 55 : 34.68074403752235

--> Family: # 48

FV at Mutated Child #1 at Generation # 55 : 11.549470570959846

FV at Mutated Child #2 at Generation # 55 : 30.00848389856325

--> Family: # 49

FV at Mutated Child #1 at Generation # 55 : 4.736024774807811

FV at Mutated Child #2 at Generation # 55 : 9.614914752203505

--> Family: # 50

FV at Mutated Child #1 at Generation # 55 : 645.9407769258258

FV at Mutated Child #2 at Generation # 55 : 625.6343781811286

--> Family: # 51

FV at Mutated Child #1 at Generation # 55 : 4.5597716679722655

FV at Mutated Child #2 at Generation # 55 : 32.35701004642799

--> Family: # 52

FV at Mutated Child #1 at Generation # 55 : 140.04520095160996

FV at Mutated Child #2 at Generation # 55 : 33.27520560459568

--> Family: # 53

FV at Mutated Child #1 at Generation # 55 : 2.160145000312858

FV at Mutated Child #2 at Generation # 55 : 4.278058264644937

--> Family: # 54

FV at Mutated Child #1 at Generation # 55 : 2.6963412323273213

FV at Mutated Child #2 at Generation # 55 : 157.5233563384594

--> Family: # 55

FV at Mutated Child #1 at Generation # 55 : 140.8155204657949

FV at Mutated Child #2 at Generation # 55 : 23.110583567824598

--> Family: # 56

FV at Mutated Child #1 at Generation # 55 : 37.80586359332277

FV at Mutated Child #2 at Generation # 55 : 41.67546684872425

--> Family: # 57

FV at Mutated Child #1 at Generation # 55 : 41.86352892006477

FV at Mutated Child #2 at Generation # 55 : 3.45674134568116

--> Family: # 58

FV at Mutated Child #1 at Generation # 55 : 5.408538148241084

FV at Mutated Child #2 at Generation # 55 : 152.99338526676576

--> Family: # 59

FV at Mutated Child #1 at Generation # 55 : 2.6879033625627105  
FV at Mutated Child #2 at Generation # 55 : 3.279282645124542  
--> Family: # 60

FV at Mutated Child #1 at Generation # 55 : 0.7603295979211905  
FV at Mutated Child #2 at Generation # 55 : 2049.2108648099515  
--> Family: # 61

FV at Mutated Child #1 at Generation # 55 : 10.458050283803708  
FV at Mutated Child #2 at Generation # 55 : 41.60826528562028  
--> Family: # 62

FV at Mutated Child #1 at Generation # 55 : 1.3922554964827372  
FV at Mutated Child #2 at Generation # 55 : 163.33360539199518  
--> Family: # 63

FV at Mutated Child #1 at Generation # 55 : 0.6365798356793109  
FV at Mutated Child #2 at Generation # 55 : 519.8051422575483  
--> Family: # 64

FV at Mutated Child #1 at Generation # 55 : 9.851452813225476  
FV at Mutated Child #2 at Generation # 55 : 2.54204849836206  
--> Family: # 65

FV at Mutated Child #1 at Generation # 55 : 544.3861243963696  
FV at Mutated Child #2 at Generation # 55 : 1.3202762740646525  
--> Family: # 66

FV at Mutated Child #1 at Generation # 55 : 0.8568154990218505  
FV at Mutated Child #2 at Generation # 55 : 3.771446960324431  
--> Family: # 67

FV at Mutated Child #1 at Generation # 55 : 7.896191310072043  
FV at Mutated Child #2 at Generation # 55 : 112.86514871814255  
--> Family: # 68

FV at Mutated Child #1 at Generation # 55 : 1.237336981455419  
FV at Mutated Child #2 at Generation # 55 : 1.1299598085956941  
--> Family: # 69

FV at Mutated Child #1 at Generation # 55 : 2.3346960956930256  
FV at Mutated Child #2 at Generation # 55 : 599.2577986277613  
--> Family: # 70

FV at Mutated Child #1 at Generation # 55 : 379.9805522848662  
FV at Mutated Child #2 at Generation # 55 : 27.44144532993736  
--> Family: # 71

FV at Mutated Child #1 at Generation # 55 : 1.0470922894130916  
FV at Mutated Child #2 at Generation # 55 : 2.2671036201426396  
--> Family: # 72

FV at Mutated Child #1 at Generation # 55 : 3.206175955126914  
FV at Mutated Child #2 at Generation # 55 : 42.43795414186361  
--> Family: # 73

FV at Mutated Child #1 at Generation # 55 : 3.363473690169969  
FV at Mutated Child #2 at Generation # 55 : 4.542160403396721  
--> Family: # 74

FV at Mutated Child #1 at Generation # 55 : 101.79678427689852  
FV at Mutated Child #2 at Generation # 55 : 19.01807430848973  
--> Family: # 75

FV at Mutated Child #1 at Generation # 55 : 35.785526206826475  
FV at Mutated Child #2 at Generation # 55 : 6.647488070937427  
--> Family: # 76

FV at Mutated Child #1 at Generation # 55 : 2270.4454951769317  
FV at Mutated Child #2 at Generation # 55 : 3.2184372097093648  
--> Family: # 77

FV at Mutated Child #1 at Generation # 55 : 1.1904073715363575  
FV at Mutated Child #2 at Generation # 55 : 0.6986050246796588  
--> Family: # 78

FV at Mutated Child #1 at Generation # 55 : 590.431483596321  
FV at Mutated Child #2 at Generation # 55 : 37.30548881043645  
--> Family: # 79

FV at Mutated Child #1 at Generation # 55 : 2.2999981160904492  
FV at Mutated Child #2 at Generation # 55 : 1.0487202611718263  
--> Family: # 80

FV at Mutated Child #1 at Generation # 55 : 161.47065054787166  
FV at Mutated Child #2 at Generation # 55 : 2.803324765710121  
--> Generation: # 56  
--> Family: # 1

FV at Mutated Child #1 at Generation # 56 : 36.399504164245684  
FV at Mutated Child #2 at Generation # 56 : 3.583525508102654  
--> Family: # 2

FV at Mutated Child #1 at Generation # 56 : 2459.4860467248  
FV at Mutated Child #2 at Generation # 56 : 143.08992925125338  
--> Family: # 3

FV at Mutated Child #1 at Generation # 56 : 29.762616610224576  
FV at Mutated Child #2 at Generation # 56 : 23.682146392970843  
--> Family: # 4

FV at Mutated Child #1 at Generation # 56 : 25.560115820913683  
FV at Mutated Child #2 at Generation # 56 : 0.692357124113557  
--> Family: # 5

FV at Mutated Child #1 at Generation # 56 : 0.6560350283392969  
FV at Mutated Child #2 at Generation # 56 : 3.532230597804575  
--> Family: # 6

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FV at Mutated Child #2 at Generation # 56 : 3.532230597804575  
--> Family: # 7

FV at Mutated Child #1 at Generation # 56 : 33.77321279463266  
FV at Mutated Child #2 at Generation # 56 : 4.275050720616732  
--> Family: # 8

FV at Mutated Child #1 at Generation # 56 : 6.247674574680708  
FV at Mutated Child #2 at Generation # 56 : 2396.705413006423  
--> Family: # 9

FV at Mutated Child #1 at Generation # 56 : 3.783532795971644  
FV at Mutated Child #2 at Generation # 56 : 2.026246646303175  
--> Family: # 10

FV at Mutated Child #1 at Generation # 56 : 6.9894713631927  
FV at Mutated Child #2 at Generation # 56 : 0.7948233958472004  
--> Family: # 11

FV at Mutated Child #1 at Generation # 56 : 149.87013254230484  
FV at Mutated Child #2 at Generation # 56 : 10.37644764475727  
--> Family: # 12

FV at Mutated Child #1 at Generation # 56 : 0.7948233958472004  
FV at Mutated Child #2 at Generation # 56 : 0.6871811896330107  
--> Family: # 13

FV at Mutated Child #1 at Generation # 56 : 0.756051005080608  
FV at Mutated Child #2 at Generation # 56 : 4.143965247568882  
--> Family: # 14

FV at Mutated Child #1 at Generation # 56 : 16.441514110439332  
FV at Mutated Child #2 at Generation # 56 : 9.863474768931919  
--> Family: # 15

FV at Mutated Child #1 at Generation # 56 : 2.8495645061414865  
FV at Mutated Child #2 at Generation # 56 : 33.77321279463266  
--> Family: # 16

FV at Mutated Child #1 at Generation # 56 : 4.636278559863323  
FV at Mutated Child #2 at Generation # 56 : 2.122298167419073  
--> Family: # 17

FV at Mutated Child #1 at Generation # 56 : 107.03305041200896  
FV at Mutated Child #2 at Generation # 56 : 7.081990608614762  
--> Family: # 18

FV at Mutated Child #1 at Generation # 56 : 0.9083162832569732  
FV at Mutated Child #2 at Generation # 56 : 1.2259337248921116  
--> Family: # 19

FV at Mutated Child #1 at Generation # 56 : 0.638005737026752  
FV at Mutated Child #2 at Generation # 56 : 142.28653260805302  
--> Family: # 20

FV at Mutated Child #1 at Generation # 56 : 3.5955100006389973  
FV at Mutated Child #2 at Generation # 56 : 477.06083423314703  
--> Family: # 21

FV at Mutated Child #1 at Generation # 56 : 135.6979522609113  
FV at Mutated Child #2 at Generation # 56 : 4.516191397261594  
--> Family: # 22

FV at Mutated Child #1 at Generation # 56 : 0.62761992379862  
FV at Mutated Child #2 at Generation # 56 : 0.7327800571928077  
--> Family: # 23

FV at Mutated Child #1 at Generation # 56 : 19.700587926251114  
FV at Mutated Child #2 at Generation # 56 : 7.4534276625594575  
--> Family: # 24

FV at Mutated Child #1 at Generation # 56 : 4.97642014441403

FV at Mutated Child #2 at Generation # 56 : 21.946128041373882  
--> Family: # 25

FV at Mutated Child #1 at Generation # 56 : 1.4801402877379966  
FV at Mutated Child #2 at Generation # 56 : 8.075004094002207  
--> Family: # 26

FV at Mutated Child #1 at Generation # 56 : 25.43930223276075  
FV at Mutated Child #2 at Generation # 56 : 22.101424061314688  
--> Family: # 27

FV at Mutated Child #1 at Generation # 56 : 119.18224757500265  
FV at Mutated Child #2 at Generation # 56 : 1.2106818115770022  
--> Family: # 28

FV at Mutated Child #1 at Generation # 56 : 3.10363249541846  
FV at Mutated Child #2 at Generation # 56 : 0.7347507147104345  
--> Family: # 29

FV at Mutated Child #1 at Generation # 56 : 144.63621145794065  
FV at Mutated Child #2 at Generation # 56 : 0.7347589449383722  
--> Family: # 30

FV at Mutated Child #1 at Generation # 56 : 7.655962471336638  
FV at Mutated Child #2 at Generation # 56 : 2.231497179694386  
--> Family: # 31

FV at Mutated Child #1 at Generation # 56 : 0.6407757807023412  
FV at Mutated Child #2 at Generation # 56 : 31.070814586154473  
--> Family: # 32

FV at Mutated Child #1 at Generation # 56 : 8.718398336281838  
FV at Mutated Child #2 at Generation # 56 : 0.7004700807893985  
--> Family: # 33

FV at Mutated Child #1 at Generation # 56 : 110.78439905088007  
FV at Mutated Child #2 at Generation # 56 : 7.020409547466217  
--> Family: # 34

FV at Mutated Child #1 at Generation # 56 : 0.6344036733675132  
FV at Mutated Child #2 at Generation # 56 : 2.305039581386701  
--> Family: # 35

FV at Mutated Child #1 at Generation # 56 : 0.7192897764527615  
FV at Mutated Child #2 at Generation # 56 : 54744.25950270003  
--> Family: # 36

FV at Mutated Child #1 at Generation # 56 : 22.724046156607386  
FV at Mutated Child #2 at Generation # 56 : 8.083248687224179  
--> Family: # 37

FV at Mutated Child #1 at Generation # 56 : 7.325229497540063  
FV at Mutated Child #2 at Generation # 56 : 26.192662478976317  
--> Family: # 38

FV at Mutated Child #1 at Generation # 56 : 31.928565141753044  
FV at Mutated Child #2 at Generation # 56 : 22.835669346318596  
--> Family: # 39

FV at Mutated Child #1 at Generation # 56 : 1.4224475372441252  
FV at Mutated Child #2 at Generation # 56 : 22.785718907188457

--> Family: # 40

FV at Mutated Child #1 at Generation # 56 : 0.7182821545658965

FV at Mutated Child #2 at Generation # 56 : 24.07964275242701

--> Family: # 41

FV at Mutated Child #1 at Generation # 56 : 34.337916301375685

FV at Mutated Child #2 at Generation # 56 : 0.675258510025248

--> Family: # 42

FV at Mutated Child #1 at Generation # 56 : 3.8070306914695324

FV at Mutated Child #2 at Generation # 56 : 120.70879302914571

--> Family: # 43

FV at Mutated Child #1 at Generation # 56 : 37.45336991821472

FV at Mutated Child #2 at Generation # 56 : 1.0945915425490482

--> Family: # 44

FV at Mutated Child #1 at Generation # 56 : 4.907495690748093

FV at Mutated Child #2 at Generation # 56 : 0.7382219827500276

--> Family: # 45

FV at Mutated Child #1 at Generation # 56 : 5.741044489382519

FV at Mutated Child #2 at Generation # 56 : 15.306515854450222

--> Family: # 46

FV at Mutated Child #1 at Generation # 56 : 589.2134600922838

FV at Mutated Child #2 at Generation # 56 : 0.9876217184256995

--> Family: # 47

FV at Mutated Child #1 at Generation # 56 : 26.667909200550117

FV at Mutated Child #2 at Generation # 56 : 6.141509965145911

--> Family: # 48

FV at Mutated Child #1 at Generation # 56 : 2.832090458998218

FV at Mutated Child #2 at Generation # 56 : 24.305172595516986

--> Family: # 49

FV at Mutated Child #1 at Generation # 56 : 6.952603678669384

FV at Mutated Child #2 at Generation # 56 : 150.1685011417033

--> Family: # 50

FV at Mutated Child #1 at Generation # 56 : 2.5690066560121503

FV at Mutated Child #2 at Generation # 56 : 0.7036420236485686

--> Family: # 51

FV at Mutated Child #1 at Generation # 56 : 126.86694032339808

FV at Mutated Child #2 at Generation # 56 : 0.7447224557323114

--> Family: # 52

FV at Mutated Child #1 at Generation # 56 : 31.928565141753044

FV at Mutated Child #2 at Generation # 56 : 122.93365580742915

--> Family: # 53

FV at Mutated Child #1 at Generation # 56 : 520.8273546650072

FV at Mutated Child #2 at Generation # 56 : 6.647124498079432

--> Family: # 54

FV at Mutated Child #1 at Generation # 56 : 123.0563379631875

FV at Mutated Child #2 at Generation # 56 : 30.3105307870306

--> Family: # 55

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FV at Mutated Child #2 at Generation # 56 : 124.69047609052326
--> Family: # 56

FV at Mutated Child #1 at Generation # 56 : 1.368339945907251
FV at Mutated Child #2 at Generation # 56 : 8.138140123901458
--> Family: # 57

FV at Mutated Child #1 at Generation # 56 : 3.059755685141225
FV at Mutated Child #2 at Generation # 56 : 3.451641008844167
--> Family: # 58

FV at Mutated Child #1 at Generation # 56 : 611.3259260818392
FV at Mutated Child #2 at Generation # 56 : 0.7522850999005353
--> Family: # 59

FV at Mutated Child #1 at Generation # 56 : 0.95419495609846
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--> Family: # 62

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FV at Mutated Child #2 at Generation # 56 : 16.555527680894322
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FV at Mutated Child #1 at Generation # 56 : 112.66722003621307
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--> Family: # 64

FV at Mutated Child #1 at Generation # 56 : 2.054637878952482
FV at Mutated Child #2 at Generation # 56 : 1.0665784505593625
--> Family: # 65

FV at Mutated Child #1 at Generation # 56 : 121.60138106273338
FV at Mutated Child #2 at Generation # 56 : 36.75764537574039
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FV at Mutated Child #2 at Generation # 56 : 6.909462338799669
--> Family: # 67

FV at Mutated Child #1 at Generation # 56 : 6.911705679778434
FV at Mutated Child #2 at Generation # 56 : 8.382316646900785
--> Family: # 68

FV at Mutated Child #1 at Generation # 56 : 0.7630881612900631
FV at Mutated Child #2 at Generation # 56 : 139.62054755979094
--> Family: # 69

FV at Mutated Child #1 at Generation # 56 : 1.715983074792799
FV at Mutated Child #2 at Generation # 56 : 17.48011910689331
--> Family: # 70
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FV at Mutated Child #1 at Generation # 56 : 2346.50709785046  
FV at Mutated Child #2 at Generation # 56 : 39.707358054501256  
--> Family: # 71

FV at Mutated Child #1 at Generation # 56 : 1.8793760155326558  
FV at Mutated Child #2 at Generation # 56 : 3.5088378706430112  
--> Family: # 72

FV at Mutated Child #1 at Generation # 56 : 0.6822975766192652  
FV at Mutated Child #2 at Generation # 56 : 1.7606407961865276  
--> Family: # 73

FV at Mutated Child #1 at Generation # 56 : 7.195915612681887  
FV at Mutated Child #2 at Generation # 56 : 32.83107791862596  
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FV at Mutated Child #1 at Generation # 56 : 16.400010638366403  
FV at Mutated Child #2 at Generation # 56 : 2.3235323625696864  
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FV at Mutated Child #1 at Generation # 56 : 0.7179734399507156  
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FV at Mutated Child #2 at Generation # 56 : 7.655962471336638  
--> Family: # 77

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FV at Mutated Child #2 at Generation # 56 : 2.2195089704302715  
--> Family: # 78

FV at Mutated Child #1 at Generation # 56 : 3.8987371395511023  
FV at Mutated Child #2 at Generation # 56 : 587.5024642268886  
--> Family: # 79

FV at Mutated Child #1 at Generation # 56 : 98.90322649852467  
FV at Mutated Child #2 at Generation # 56 : 150.90884807703938  
--> Family: # 80

FV at Mutated Child #1 at Generation # 56 : 3.0056623276640217  
FV at Mutated Child #2 at Generation # 56 : 1.8636800375662652  
--> Generation: # 57  
--> Family: # 1

FV at Mutated Child #1 at Generation # 57 : 5.887534272647303  
FV at Mutated Child #2 at Generation # 57 : 37.887598320275806  
--> Family: # 2

FV at Mutated Child #1 at Generation # 57 : 5.732124973858382  
FV at Mutated Child #2 at Generation # 57 : 33.07984447134301  
--> Family: # 3

FV at Mutated Child #1 at Generation # 57 : 7.497940976409806  
FV at Mutated Child #2 at Generation # 57 : 76.02542544249995  
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FV at Mutated Child #1 at Generation # 57 : 0.7853471019031733  
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--> Family: # 5

FV at Mutated Child #1 at Generation # 57 : 3.771446960324431  
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--> Family: # 6

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--> Family: # 7

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FV at Mutated Child #2 at Generation # 57 : 13.590945687638966  
--> Family: # 8

FV at Mutated Child #1 at Generation # 57 : 624.5534209742436  
FV at Mutated Child #2 at Generation # 57 : 162.45501109054734  
--> Family: # 9

FV at Mutated Child #1 at Generation # 57 : 610.4318843297463  
FV at Mutated Child #2 at Generation # 57 : 12.050985660084768  
--> Family: # 10

FV at Mutated Child #1 at Generation # 57 : 41.915670610305995  
FV at Mutated Child #2 at Generation # 57 : 1.9284805163912375  
--> Family: # 11

FV at Mutated Child #1 at Generation # 57 : 622.9486000321348  
FV at Mutated Child #2 at Generation # 57 : 8.960425426438032  
--> Family: # 12

FV at Mutated Child #1 at Generation # 57 : 0.8691926814375928  
FV at Mutated Child #2 at Generation # 57 : 1.3177007150214985  
--> Family: # 13

FV at Mutated Child #1 at Generation # 57 : 3.297791885283818  
FV at Mutated Child #2 at Generation # 57 : 2.8033003578194817  
--> Family: # 14

FV at Mutated Child #1 at Generation # 57 : 121.46345279635983  
FV at Mutated Child #2 at Generation # 57 : 1.6916459844368013  
--> Family: # 15

FV at Mutated Child #1 at Generation # 57 : 27.221227845899666  
FV at Mutated Child #2 at Generation # 57 : 11.139613667032425  
--> Family: # 16

FV at Mutated Child #1 at Generation # 57 : 2.9500858690972698  
FV at Mutated Child #2 at Generation # 57 : 1.1829486374943263  
--> Family: # 17

FV at Mutated Child #1 at Generation # 57 : 1.1590749954173416  
FV at Mutated Child #2 at Generation # 57 : 3.3702627914561964  
--> Family: # 18

FV at Mutated Child #1 at Generation # 57 : 35.123043713376624  
FV at Mutated Child #2 at Generation # 57 : 33.07984447134301  
--> Family: # 19

FV at Mutated Child #1 at Generation # 57 : 1.083717006238249  
FV at Mutated Child #2 at Generation # 57 : 22.629156206887117  
--> Family: # 20

FV at Mutated Child #1 at Generation # 57 : 9.504545191436451

FV at Mutated Child #2 at Generation # 57 : 32.301539096508336  
--> Family: # 21

FV at Mutated Child #1 at Generation # 57 : 8.713007163813618  
FV at Mutated Child #2 at Generation # 57 : 7.389966802404171  
--> Family: # 22

FV at Mutated Child #1 at Generation # 57 : 10.019516907411402  
FV at Mutated Child #2 at Generation # 57 : 10.050762666978494  
--> Family: # 23

FV at Mutated Child #1 at Generation # 57 : 13.748018359662954  
FV at Mutated Child #2 at Generation # 57 : 144.6005666531256  
--> Family: # 24

FV at Mutated Child #1 at Generation # 57 : 2.583537448448643  
FV at Mutated Child #2 at Generation # 57 : 4.384209976254881  
--> Family: # 25

FV at Mutated Child #1 at Generation # 57 : 1.6535097818648494  
FV at Mutated Child #2 at Generation # 57 : 149.71417627320906  
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FV at Mutated Child #1 at Generation # 57 : 11.920483498654827  
FV at Mutated Child #2 at Generation # 57 : 149.42129924340148  
--> Family: # 27

FV at Mutated Child #1 at Generation # 57 : 8.761458088908753  
FV at Mutated Child #2 at Generation # 57 : 28.110960347494366  
--> Family: # 28

FV at Mutated Child #1 at Generation # 57 : 6.542785047827474  
FV at Mutated Child #2 at Generation # 57 : 627.8310422686018  
--> Family: # 29

FV at Mutated Child #1 at Generation # 57 : 3.279282645124542  
FV at Mutated Child #2 at Generation # 57 : 3.323702112414024  
--> Family: # 30

FV at Mutated Child #1 at Generation # 57 : 3.0462047438155055  
FV at Mutated Child #2 at Generation # 57 : 131.1632876016647  
--> Family: # 31

FV at Mutated Child #1 at Generation # 57 : 37.45336991821472  
FV at Mutated Child #2 at Generation # 57 : 1.7971058453818634  
--> Family: # 32

FV at Mutated Child #1 at Generation # 57 : 0.8781786352266268  
FV at Mutated Child #2 at Generation # 57 : 7.121292772221123  
--> Family: # 33

FV at Mutated Child #1 at Generation # 57 : 8.075004094002207  
FV at Mutated Child #2 at Generation # 57 : 8.31856017535984  
--> Family: # 34

FV at Mutated Child #1 at Generation # 57 : 140.59726977167708  
FV at Mutated Child #2 at Generation # 57 : 39.39295471737548  
--> Family: # 35

FV at Mutated Child #1 at Generation # 57 : 38.49688436057196  
FV at Mutated Child #2 at Generation # 57 : 3.3702627914561964

--> Family: # 36

FV at Mutated Child #1 at Generation # 57 : 39.24107764567996

FV at Mutated Child #2 at Generation # 57 : 0.7148287573887212

--> Family: # 37

FV at Mutated Child #1 at Generation # 57 : 0.9321141438443894

FV at Mutated Child #2 at Generation # 57 : 2.8657622626385177

--> Family: # 38

FV at Mutated Child #1 at Generation # 57 : 27.09373163178554

FV at Mutated Child #2 at Generation # 57 : 31.49902404475547

--> Family: # 39

FV at Mutated Child #1 at Generation # 57 : 633.1212563723547

FV at Mutated Child #2 at Generation # 57 : 7.73498239000465

--> Family: # 40

FV at Mutated Child #1 at Generation # 57 : 0.8422652384681965

FV at Mutated Child #2 at Generation # 57 : 10.27198450696166

--> Family: # 41

FV at Mutated Child #1 at Generation # 57 : 40.51677518975399

FV at Mutated Child #2 at Generation # 57 : 31.09383510500513

--> Family: # 42

FV at Mutated Child #1 at Generation # 57 : 0.8065906701105403

FV at Mutated Child #2 at Generation # 57 : 165.46950023506142

--> Family: # 43

FV at Mutated Child #1 at Generation # 57 : 35.54103205224613

FV at Mutated Child #2 at Generation # 57 : 11.611330278417109

--> Family: # 44

FV at Mutated Child #1 at Generation # 57 : 2.010807957662161

FV at Mutated Child #2 at Generation # 57 : 1.8974298285453295

--> Family: # 45

FV at Mutated Child #1 at Generation # 57 : 29.839281325170838

FV at Mutated Child #2 at Generation # 57 : 22.6498368456515

--> Family: # 46

FV at Mutated Child #1 at Generation # 57 : 27.62671913934059

FV at Mutated Child #2 at Generation # 57 : 10.210715825284145

--> Family: # 47

FV at Mutated Child #1 at Generation # 57 : 0.9020305914602325

FV at Mutated Child #2 at Generation # 57 : 2.8787145349068104

--> Family: # 48

FV at Mutated Child #1 at Generation # 57 : 18.19154825841042

FV at Mutated Child #2 at Generation # 57 : 121.79805275974051

--> Family: # 49

FV at Mutated Child #1 at Generation # 57 : 5.2072102770107636

FV at Mutated Child #2 at Generation # 57 : 11.571908195454984

--> Family: # 50

FV at Mutated Child #1 at Generation # 57 : 9.948679063748246

FV at Mutated Child #2 at Generation # 57 : 3.1629487262520875

--> Family: # 51

FV at Mutated Child #1 at Generation # 57 : 1.1775326512732565  
FV at Mutated Child #2 at Generation # 57 : 2.206539146044003  
--> Family: # 52

FV at Mutated Child #1 at Generation # 57 : 166.1348947535855  
FV at Mutated Child #2 at Generation # 57 : 2.0694094072079228  
--> Family: # 53

FV at Mutated Child #1 at Generation # 57 : 39.089498669981324  
FV at Mutated Child #2 at Generation # 57 : 4.6049215253111955  
--> Family: # 54

FV at Mutated Child #1 at Generation # 57 : 31.48238832933991  
FV at Mutated Child #2 at Generation # 57 : 140.88630441076904  
--> Family: # 55

FV at Mutated Child #1 at Generation # 57 : 42.873976507721856  
FV at Mutated Child #2 at Generation # 57 : 6.498420419157516  
--> Family: # 56

FV at Mutated Child #1 at Generation # 57 : 96.46775748021297  
FV at Mutated Child #2 at Generation # 57 : 1.8159745789926751  
--> Family: # 57

FV at Mutated Child #1 at Generation # 57 : 0.8539241353600122  
FV at Mutated Child #2 at Generation # 57 : 71.02517403769475  
--> Family: # 58

FV at Mutated Child #1 at Generation # 57 : 1.0344612215707125  
FV at Mutated Child #2 at Generation # 57 : 147.04865745476292  
--> Family: # 59

FV at Mutated Child #1 at Generation # 57 : 137.41518580888334  
FV at Mutated Child #2 at Generation # 57 : 0.9480734458815319  
--> Family: # 60

FV at Mutated Child #1 at Generation # 57 : 1.004686323314013  
FV at Mutated Child #2 at Generation # 57 : 1.878412330504077  
--> Family: # 61

FV at Mutated Child #1 at Generation # 57 : 0.951303487002259  
FV at Mutated Child #2 at Generation # 57 : 3.5727563443224177  
--> Family: # 62

FV at Mutated Child #1 at Generation # 57 : 0.8483314917220585  
FV at Mutated Child #2 at Generation # 57 : 5.375523988193713  
--> Family: # 63

FV at Mutated Child #1 at Generation # 57 : 2.905889092886144  
FV at Mutated Child #2 at Generation # 57 : 161.25612842351535  
--> Family: # 64

FV at Mutated Child #1 at Generation # 57 : 10.47075976370911  
FV at Mutated Child #2 at Generation # 57 : 4.107624420651836  
--> Family: # 65

FV at Mutated Child #1 at Generation # 57 : 4.564256998090465  
FV at Mutated Child #2 at Generation # 57 : 4.849091384520668  
--> Family: # 66

FV at Mutated Child #1 at Generation # 57 : 6.200473561883219  
FV at Mutated Child #2 at Generation # 57 : 584.5758753169748  
--> Family: # 67

FV at Mutated Child #1 at Generation # 57 : 2.767913665301259  
FV at Mutated Child #2 at Generation # 57 : 40.681185539298305  
--> Family: # 68

FV at Mutated Child #1 at Generation # 57 : 0.884333157387449  
FV at Mutated Child #2 at Generation # 57 : 12.837935214742943  
--> Family: # 69

FV at Mutated Child #1 at Generation # 57 : 1.8513318686417461  
FV at Mutated Child #2 at Generation # 57 : 42.18572787409174  
--> Family: # 70

FV at Mutated Child #1 at Generation # 57 : 0.8434843616536604  
FV at Mutated Child #2 at Generation # 57 : 3.692377768101421  
--> Family: # 71

FV at Mutated Child #1 at Generation # 57 : 5.842372017038372  
FV at Mutated Child #2 at Generation # 57 : 26.63828659471682  
--> Family: # 72

FV at Mutated Child #1 at Generation # 57 : 3.980172218797318  
FV at Mutated Child #2 at Generation # 57 : 3.286428892177496  
--> Family: # 73

FV at Mutated Child #1 at Generation # 57 : 442.46522388759627  
FV at Mutated Child #2 at Generation # 57 : 4.729630916722268  
--> Family: # 74

FV at Mutated Child #1 at Generation # 57 : 39.21079706485038  
FV at Mutated Child #2 at Generation # 57 : 153.5218541579962  
--> Family: # 75

FV at Mutated Child #1 at Generation # 57 : 156.93684747695085  
FV at Mutated Child #2 at Generation # 57 : 7.072160824478152  
--> Family: # 76

FV at Mutated Child #1 at Generation # 57 : 1.1537496640361307  
FV at Mutated Child #2 at Generation # 57 : 27.7065489116466  
--> Family: # 77

FV at Mutated Child #1 at Generation # 57 : 37.887598320275806  
FV at Mutated Child #2 at Generation # 57 : 2.441970510078882  
--> Family: # 78

FV at Mutated Child #1 at Generation # 57 : 5.197126989123488  
FV at Mutated Child #2 at Generation # 57 : 3.0306527103076903  
--> Family: # 79

FV at Mutated Child #1 at Generation # 57 : 0.817754982739645  
FV at Mutated Child #2 at Generation # 57 : 157.2176617324265  
--> Family: # 80

FV at Mutated Child #1 at Generation # 57 : 10.27198450696166  
FV at Mutated Child #2 at Generation # 57 : 162.1856680760256  
--> Generation: # 58  
--> Family: # 1

FV at Mutated Child #1 at Generation # 58 : 0.7148287573887212  
FV at Mutated Child #2 at Generation # 58 : 1.147324655565131  
--> Family: # 2

FV at Mutated Child #1 at Generation # 58 : 27.1344864599765  
FV at Mutated Child #2 at Generation # 58 : 0.8916648470430595  
--> Family: # 3

FV at Mutated Child #1 at Generation # 58 : 0.8438164585593507  
FV at Mutated Child #2 at Generation # 58 : 0.6986050246796588  
--> Family: # 4

FV at Mutated Child #1 at Generation # 58 : 7.646155240465049  
FV at Mutated Child #2 at Generation # 58 : 3.1323266620242984  
--> Family: # 5

FV at Mutated Child #1 at Generation # 58 : 1.1515034504674238  
FV at Mutated Child #2 at Generation # 58 : 7.41071233712778  
--> Family: # 6

FV at Mutated Child #1 at Generation # 58 : 0.6936633300890866  
FV at Mutated Child #2 at Generation # 58 : 18.187937169701478  
--> Family: # 7

FV at Mutated Child #1 at Generation # 58 : 4.712087655969654  
FV at Mutated Child #2 at Generation # 58 : 0.6254638334230455  
--> Family: # 8

FV at Mutated Child #1 at Generation # 58 : 0.6882218871209689  
FV at Mutated Child #2 at Generation # 58 : 7.26852236804116  
--> Family: # 9

FV at Mutated Child #1 at Generation # 58 : 2.303588062866946  
FV at Mutated Child #2 at Generation # 58 : 4.147504133865268  
--> Family: # 10

FV at Mutated Child #1 at Generation # 58 : 2.407044222540075  
FV at Mutated Child #2 at Generation # 58 : 17.52548242976321  
--> Family: # 11

FV at Mutated Child #1 at Generation # 58 : 3.972957248497946  
FV at Mutated Child #2 at Generation # 58 : 1.7164127038606884  
--> Family: # 12

FV at Mutated Child #1 at Generation # 58 : 6.938622791759963  
FV at Mutated Child #2 at Generation # 58 : 3.8843301897659943  
--> Family: # 13

FV at Mutated Child #1 at Generation # 58 : 0.7462243008185833  
FV at Mutated Child #2 at Generation # 58 : 25.926697416821522  
--> Family: # 14

FV at Mutated Child #1 at Generation # 58 : 1.2979349780971208  
FV at Mutated Child #2 at Generation # 58 : 2.7338744681088025  
--> Family: # 15

FV at Mutated Child #1 at Generation # 58 : 2449.809480478632  
FV at Mutated Child #2 at Generation # 58 : 7.438601873115404  
--> Family: # 16

FV at Mutated Child #1 at Generation # 58 : 6.398950668988583

FV at Mutated Child #2 at Generation # 58 : 119.03838559940387

--> Family: # 17

FV at Mutated Child #1 at Generation # 58 : 4.564256998090465

FV at Mutated Child #2 at Generation # 58 : 29.958241253968136

--> Family: # 18

FV at Mutated Child #1 at Generation # 58 : 1.0642475848321094

FV at Mutated Child #2 at Generation # 58 : 1.7948591462457846

--> Family: # 19

FV at Mutated Child #1 at Generation # 58 : 1.1787032391570174

FV at Mutated Child #2 at Generation # 58 : 1.3024675196558468

--> Family: # 20

FV at Mutated Child #1 at Generation # 58 : 0.7069109161128969

FV at Mutated Child #2 at Generation # 58 : 29.386500797228194

--> Family: # 21

FV at Mutated Child #1 at Generation # 58 : 27.67288495467447

FV at Mutated Child #2 at Generation # 58 : 600.0721170329501

--> Family: # 22

FV at Mutated Child #1 at Generation # 58 : 28.567888779364075

FV at Mutated Child #2 at Generation # 58 : 6.508442030724854

--> Family: # 23

FV at Mutated Child #1 at Generation # 58 : 118.65110164917589

FV at Mutated Child #2 at Generation # 58 : 3.194825818736241

--> Family: # 24

FV at Mutated Child #1 at Generation # 58 : 6.168131174283012

FV at Mutated Child #2 at Generation # 58 : 7.8118341320131615

--> Family: # 25

FV at Mutated Child #1 at Generation # 58 : 4.120308118170665

FV at Mutated Child #2 at Generation # 58 : 0.6849348940856119

--> Family: # 26

FV at Mutated Child #1 at Generation # 58 : 19.70156374838319

FV at Mutated Child #2 at Generation # 58 : 601.7101538047472

--> Family: # 27

FV at Mutated Child #1 at Generation # 58 : 0.6271642638147769

FV at Mutated Child #2 at Generation # 58 : 5.747338709102457

--> Family: # 28

FV at Mutated Child #1 at Generation # 58 : 419.07832400326015

FV at Mutated Child #2 at Generation # 58 : 421.1819799331922

--> Family: # 29

FV at Mutated Child #1 at Generation # 58 : 22.69707949186051

FV at Mutated Child #2 at Generation # 58 : 3.0056623276640217

--> Family: # 30

FV at Mutated Child #1 at Generation # 58 : 33.48653000653016

FV at Mutated Child #2 at Generation # 58 : 1.3248977927419676

--> Family: # 31

FV at Mutated Child #1 at Generation # 58 : 0.7645756200585887

FV at Mutated Child #2 at Generation # 58 : 3.5541001504632055



--> Family: # 32

FV at Mutated Child #1 at Generation # 58 : 31.174227417505204

FV at Mutated Child #2 at Generation # 58 : 0.7328777267452891

--> Family: # 33

FV at Mutated Child #1 at Generation # 58 : 10.381965733703112

FV at Mutated Child #2 at Generation # 58 : 32.69264289833842

--> Family: # 34

FV at Mutated Child #1 at Generation # 58 : 0.937982729486995

FV at Mutated Child #2 at Generation # 58 : 0.8942655780634586

--> Family: # 35

FV at Mutated Child #1 at Generation # 58 : 510.63866943395766

FV at Mutated Child #2 at Generation # 58 : 32.4800203524841

--> Family: # 36

FV at Mutated Child #1 at Generation # 58 : 6.936367738409503

FV at Mutated Child #2 at Generation # 58 : 0.7949146841324674

--> Family: # 37

FV at Mutated Child #1 at Generation # 58 : 35.278741776921954

FV at Mutated Child #2 at Generation # 58 : 13.13028583061361

--> Family: # 38

FV at Mutated Child #1 at Generation # 58 : 138.63938238201757

FV at Mutated Child #2 at Generation # 58 : 22.381610336438644

--> Family: # 39

FV at Mutated Child #1 at Generation # 58 : 4.249771629177213

FV at Mutated Child #2 at Generation # 58 : 2.0894625752956877

--> Family: # 40

FV at Mutated Child #1 at Generation # 58 : 0.8809514164319806

FV at Mutated Child #2 at Generation # 58 : 1.8636800375662652

--> Family: # 41

FV at Mutated Child #1 at Generation # 58 : 31.928565141753044

FV at Mutated Child #2 at Generation # 58 : 149.36159062216373

--> Family: # 42

FV at Mutated Child #1 at Generation # 58 : 2.2195089704302715

FV at Mutated Child #2 at Generation # 58 : 19.815869990210377

--> Family: # 43

FV at Mutated Child #1 at Generation # 58 : 2391.6888548513903

FV at Mutated Child #2 at Generation # 58 : 2234.0293533192353

--> Family: # 44

FV at Mutated Child #1 at Generation # 58 : 4.724899541889581

FV at Mutated Child #2 at Generation # 58 : 2.1895250295398476

--> Family: # 45

FV at Mutated Child #1 at Generation # 58 : 15.29805877265929

FV at Mutated Child #2 at Generation # 58 : 33.51119239960964

--> Family: # 46

FV at Mutated Child #1 at Generation # 58 : 4.8323487648169134

FV at Mutated Child #2 at Generation # 58 : 2.747446614704749

--> Family: # 47

FV at Mutated Child #1 at Generation # 58 : 22.228658113001874  
FV at Mutated Child #2 at Generation # 58 : 605.9076641520763  
--> Family: # 48

FV at Mutated Child #1 at Generation # 58 : 16.59153022362233  
FV at Mutated Child #2 at Generation # 58 : 1.4543839499171984  
--> Family: # 49

FV at Mutated Child #1 at Generation # 58 : 7.625762733475877  
FV at Mutated Child #2 at Generation # 58 : 7.981758813887714  
--> Family: # 50

FV at Mutated Child #1 at Generation # 58 : 3.614315442658695  
FV at Mutated Child #2 at Generation # 58 : 412.1299080969686  
--> Family: # 51

FV at Mutated Child #1 at Generation # 58 : 148.8767848894364  
FV at Mutated Child #2 at Generation # 58 : 19.75656790488896  
--> Family: # 52

FV at Mutated Child #1 at Generation # 58 : 15.21333556224285  
FV at Mutated Child #2 at Generation # 58 : 0.7557276382182575  
--> Family: # 53

FV at Mutated Child #1 at Generation # 58 : 1.2203539815479179  
FV at Mutated Child #2 at Generation # 58 : 1.559339247203312  
--> Family: # 54

FV at Mutated Child #1 at Generation # 58 : 21.901530514359532  
FV at Mutated Child #2 at Generation # 58 : 0.7333872819952167  
--> Family: # 55

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FV at Mutated Child #2 at Generation # 58 : 0.838966761037787  
--> Family: # 56

FV at Mutated Child #1 at Generation # 58 : 1.5823792989617518  
FV at Mutated Child #2 at Generation # 58 : 1.0022746961122755  
--> Family: # 57

FV at Mutated Child #1 at Generation # 58 : 4.418112636678059  
FV at Mutated Child #2 at Generation # 58 : 4.831114162997826  
--> Family: # 58

FV at Mutated Child #1 at Generation # 58 : 4.395551849150658  
FV at Mutated Child #2 at Generation # 58 : 0.6959268529890142  
--> Family: # 59

FV at Mutated Child #1 at Generation # 58 : 1.6946019400726993  
FV at Mutated Child #2 at Generation # 58 : 7.331295813176818  
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--> Family: # 61

FV at Mutated Child #1 at Generation # 58 : 6.45772185419831  
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--> Family: # 62

FV at Mutated Child #1 at Generation # 58 : 8.547028223358964  
FV at Mutated Child #2 at Generation # 58 : 1.9428615243359642  
--> Family: # 63

FV at Mutated Child #1 at Generation # 58 : 35.81831894403414  
FV at Mutated Child #2 at Generation # 58 : 6.877466838576011  
--> Family: # 64

FV at Mutated Child #1 at Generation # 58 : 30.651889113637825  
FV at Mutated Child #2 at Generation # 58 : 33.97472037359305  
--> Family: # 65

FV at Mutated Child #1 at Generation # 58 : 1.8513318686417461  
FV at Mutated Child #2 at Generation # 58 : 81.82074119869004  
--> Family: # 66

FV at Mutated Child #1 at Generation # 58 : 8.50308626247157  
FV at Mutated Child #2 at Generation # 58 : 0.7066334226194073  
--> Family: # 67

FV at Mutated Child #1 at Generation # 58 : 68.81815857217427  
FV at Mutated Child #2 at Generation # 58 : 0.7117644107710934  
--> Family: # 68

FV at Mutated Child #1 at Generation # 58 : 33.96240658599049  
FV at Mutated Child #2 at Generation # 58 : 102.16317652945983  
--> Family: # 69

FV at Mutated Child #1 at Generation # 58 : 2.2143997411557583  
FV at Mutated Child #2 at Generation # 58 : 132.23334750891203  
--> Family: # 70

FV at Mutated Child #1 at Generation # 58 : 8.247761615870559  
FV at Mutated Child #2 at Generation # 58 : 570.7860151101273  
--> Family: # 71

FV at Mutated Child #1 at Generation # 58 : 15.027869265818513  
FV at Mutated Child #2 at Generation # 58 : 141.6957072641557  
--> Family: # 72

FV at Mutated Child #1 at Generation # 58 : 33.833867176452635  
FV at Mutated Child #2 at Generation # 58 : 1.4275293101767061  
--> Family: # 73

FV at Mutated Child #1 at Generation # 58 : 3.000370186429758  
FV at Mutated Child #2 at Generation # 58 : 8.076118109792107  
--> Family: # 74

FV at Mutated Child #1 at Generation # 58 : 0.8773556089989569  
FV at Mutated Child #2 at Generation # 58 : 5.305983152226352  
--> Family: # 75

FV at Mutated Child #1 at Generation # 58 : 19.411799776775876  
FV at Mutated Child #2 at Generation # 58 : 3.7215281271469784  
--> Family: # 76

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FV at Mutated Child #2 at Generation # 58 : 88.3124932331662  
--> Family: # 77

FV at Mutated Child #1 at Generation # 58 : 1.6428172163794912

FV at Mutated Child #2 at Generation # 58 : 150.26449596278383

--> Family: # 78

FV at Mutated Child #1 at Generation # 58 : 2.188546439687646

FV at Mutated Child #2 at Generation # 58 : 8.615652625825641

--> Family: # 79

FV at Mutated Child #1 at Generation # 58 : 632.634751710396

FV at Mutated Child #2 at Generation # 58 : 2315.147805832195

--> Family: # 80

FV at Mutated Child #1 at Generation # 58 : 0.772402495967564

FV at Mutated Child #2 at Generation # 58 : 35.26796163905438

--> Generation: # 59

--> Family: # 1

FV at Mutated Child #1 at Generation # 59 : 532.6972615993255

FV at Mutated Child #2 at Generation # 59 : 5.816836263535388

--> Family: # 2

FV at Mutated Child #1 at Generation # 59 : 6.737308313195618

FV at Mutated Child #2 at Generation # 59 : 28.51682008512193

--> Family: # 3

FV at Mutated Child #1 at Generation # 59 : 9.307264160849213

FV at Mutated Child #2 at Generation # 59 : 2.1517409969209464

--> Family: # 4

FV at Mutated Child #1 at Generation # 59 : 0.838966761037787

FV at Mutated Child #2 at Generation # 59 : 149.18976460087381

--> Family: # 5

FV at Mutated Child #1 at Generation # 59 : 1.0344612215707125

FV at Mutated Child #2 at Generation # 59 : 33.243405915908596

--> Family: # 6

FV at Mutated Child #1 at Generation # 59 : 2.495446613604121

FV at Mutated Child #2 at Generation # 59 : 1.256561334584697

--> Family: # 7

FV at Mutated Child #1 at Generation # 59 : 11.611330278417109

FV at Mutated Child #2 at Generation # 59 : 30.580418844766942

--> Family: # 8

FV at Mutated Child #1 at Generation # 59 : 6.906873539654245

FV at Mutated Child #2 at Generation # 59 : 4.7926434389053085

--> Family: # 9

FV at Mutated Child #1 at Generation # 59 : 1.7223776519397869

FV at Mutated Child #2 at Generation # 59 : 7.658998672050621

--> Family: # 10

FV at Mutated Child #1 at Generation # 59 : 144.08535977656808

FV at Mutated Child #2 at Generation # 59 : 0.9385539277683517

--> Family: # 11

FV at Mutated Child #1 at Generation # 59 : 2.9929464053781865

FV at Mutated Child #2 at Generation # 59 : 35.94648023867701

--> Family: # 12

FV at Mutated Child #1 at Generation # 59 : 2.554399505427001

FV at Mutated Child #2 at Generation # 59 : 4.88455306133228  
--> Family: # 13

FV at Mutated Child #1 at Generation # 59 : 3.1629487262520875  
FV at Mutated Child #2 at Generation # 59 : 127.65148230700936  
--> Family: # 14

FV at Mutated Child #1 at Generation # 59 : 3.2631775278039514  
FV at Mutated Child #2 at Generation # 59 : 37.69002454864336  
--> Family: # 15

FV at Mutated Child #1 at Generation # 59 : 1.931998938241711  
FV at Mutated Child #2 at Generation # 59 : 0.9731930814602331  
--> Family: # 16

FV at Mutated Child #1 at Generation # 59 : 2.5908707166187774  
FV at Mutated Child #2 at Generation # 59 : 2.605124155138911  
--> Family: # 17

FV at Mutated Child #1 at Generation # 59 : 25.986098358501568  
FV at Mutated Child #2 at Generation # 59 : 31.677426611546974  
--> Family: # 18

FV at Mutated Child #1 at Generation # 59 : 1.6128664991796646  
FV at Mutated Child #2 at Generation # 59 : 1.4411581130178632  
--> Family: # 19

FV at Mutated Child #1 at Generation # 59 : 9.181255147991404  
FV at Mutated Child #2 at Generation # 59 : 39.30260992280356  
--> Family: # 20

FV at Mutated Child #1 at Generation # 59 : 152.61765251963962  
FV at Mutated Child #2 at Generation # 59 : 1.8974298285453295  
--> Family: # 21

FV at Mutated Child #1 at Generation # 59 : 28.40701942394431  
FV at Mutated Child #2 at Generation # 59 : 3.8427751122574447  
--> Family: # 22

FV at Mutated Child #1 at Generation # 59 : 0.9817000528149569  
FV at Mutated Child #2 at Generation # 59 : 1.92966485349924  
--> Family: # 23

FV at Mutated Child #1 at Generation # 59 : 7.703677288680102  
FV at Mutated Child #2 at Generation # 59 : 4.360403788663352  
--> Family: # 24

FV at Mutated Child #1 at Generation # 59 : 37.501755943198404  
FV at Mutated Child #2 at Generation # 59 : 1.6024818768953535  
--> Family: # 25

FV at Mutated Child #1 at Generation # 59 : 133.91892741043316  
FV at Mutated Child #2 at Generation # 59 : 27.270646018396448  
--> Family: # 26

FV at Mutated Child #1 at Generation # 59 : 7.077837711850454  
FV at Mutated Child #2 at Generation # 59 : 2.9053609337740705  
--> Family: # 27

FV at Mutated Child #1 at Generation # 59 : 23.06753273048375  
FV at Mutated Child #2 at Generation # 59 : 3.1852909504482785

--> Family: # 28

FV at Mutated Child #1 at Generation # 59 : 0.972706618724175

FV at Mutated Child #2 at Generation # 59 : 11.488581810279342

--> Family: # 29

FV at Mutated Child #1 at Generation # 59 : 2.605124155138911

FV at Mutated Child #2 at Generation # 59 : 7.838038186793029

--> Family: # 30

FV at Mutated Child #1 at Generation # 59 : 114.08919785441944

FV at Mutated Child #2 at Generation # 59 : 2390.536340142028

--> Family: # 31

FV at Mutated Child #1 at Generation # 59 : 0.884333157387449

FV at Mutated Child #2 at Generation # 59 : 39.45452442533933

--> Family: # 32

FV at Mutated Child #1 at Generation # 59 : 152.70979866268814

FV at Mutated Child #2 at Generation # 59 : 32.2196152141248

--> Family: # 33

FV at Mutated Child #1 at Generation # 59 : 102.47751399489393

FV at Mutated Child #2 at Generation # 59 : 2.4572032993994664

--> Family: # 34

FV at Mutated Child #1 at Generation # 59 : 2369.14826299707

FV at Mutated Child #2 at Generation # 59 : 11.251444778761348

--> Family: # 35

FV at Mutated Child #1 at Generation # 59 : 119.97917105410966

FV at Mutated Child #2 at Generation # 59 : 17.065355333796283

--> Family: # 36

FV at Mutated Child #1 at Generation # 59 : 6.561426765771209

FV at Mutated Child #2 at Generation # 59 : 1.012484855187897

--> Family: # 37

FV at Mutated Child #1 at Generation # 59 : 5.5748991276725075

FV at Mutated Child #2 at Generation # 59 : 2.595644385821253

--> Family: # 38

FV at Mutated Child #1 at Generation # 59 : 0.8065906701105403

FV at Mutated Child #2 at Generation # 59 : 29.74437652274378

--> Family: # 39

FV at Mutated Child #1 at Generation # 59 : 7.245649789630239

FV at Mutated Child #2 at Generation # 59 : 153.61932915702275

--> Family: # 40

FV at Mutated Child #1 at Generation # 59 : 3.5451705724473

FV at Mutated Child #2 at Generation # 59 : 2.6292502236336426

--> Family: # 41

FV at Mutated Child #1 at Generation # 59 : 1.310755740918606

FV at Mutated Child #2 at Generation # 59 : 1.0075067737150571

--> Family: # 42

FV at Mutated Child #1 at Generation # 59 : 0.7182821545658965

FV at Mutated Child #2 at Generation # 59 : 3.69127239832912

--> Family: # 43

FV at Mutated Child #1 at Generation # 59 : 10.883468708277471  
FV at Mutated Child #2 at Generation # 59 : 26.018069862725532  
--> Family: # 44

FV at Mutated Child #1 at Generation # 59 : 0.8539241353600122  
FV at Mutated Child #2 at Generation # 59 : 100.4504555397787  
--> Family: # 45

FV at Mutated Child #1 at Generation # 59 : 7.681577241255448  
FV at Mutated Child #2 at Generation # 59 : 3.654791177211029  
--> Family: # 46

FV at Mutated Child #1 at Generation # 59 : 2385.0091836809543  
FV at Mutated Child #2 at Generation # 59 : 620.1168349670897  
--> Family: # 47

FV at Mutated Child #1 at Generation # 59 : 575.2142165190196  
FV at Mutated Child #2 at Generation # 59 : 2397.7368211154712  
--> Family: # 48

FV at Mutated Child #1 at Generation # 59 : 6.593932158796918  
FV at Mutated Child #2 at Generation # 59 : 33.243405915908596  
--> Family: # 49

FV at Mutated Child #1 at Generation # 59 : 7.262185032884398  
FV at Mutated Child #2 at Generation # 59 : 157.85403152168544  
--> Family: # 50

FV at Mutated Child #1 at Generation # 59 : 6.342036518747742  
FV at Mutated Child #2 at Generation # 59 : 19.28567169279028  
--> Family: # 51

FV at Mutated Child #1 at Generation # 59 : 0.8016177353105083  
FV at Mutated Child #2 at Generation # 59 : 16.369290318874327  
--> Family: # 52

FV at Mutated Child #1 at Generation # 59 : 2075.5939696124656  
FV at Mutated Child #2 at Generation # 59 : 2463.701993819051  
--> Family: # 53

FV at Mutated Child #1 at Generation # 59 : 2107.7802635417097  
FV at Mutated Child #2 at Generation # 59 : 3.8269055679708726  
--> Family: # 54

FV at Mutated Child #1 at Generation # 59 : 2.1273939006688374  
FV at Mutated Child #2 at Generation # 59 : 35.85293760678725  
--> Family: # 55

FV at Mutated Child #1 at Generation # 59 : 8.820114759644525  
FV at Mutated Child #2 at Generation # 59 : 38.09504046752766  
--> Family: # 56

FV at Mutated Child #1 at Generation # 59 : 4.724899541889581  
FV at Mutated Child #2 at Generation # 59 : 149.18976460087381  
--> Family: # 57

FV at Mutated Child #1 at Generation # 59 : 1.458585534406089  
FV at Mutated Child #2 at Generation # 59 : 145.33152377718238  
--> Family: # 58

FV at Mutated Child #1 at Generation # 59 : 37.35396175985054  
FV at Mutated Child #2 at Generation # 59 : 63.45988288279757  
--> Family: # 59

FV at Mutated Child #1 at Generation # 59 : 535.9526123259413  
FV at Mutated Child #2 at Generation # 59 : 6.525046502540755  
--> Family: # 60

FV at Mutated Child #1 at Generation # 59 : 3.952247747498453  
FV at Mutated Child #2 at Generation # 59 : 0.8937068389580143  
--> Family: # 61

FV at Mutated Child #1 at Generation # 59 : 2.9691890912048344  
FV at Mutated Child #2 at Generation # 59 : 123.37518202225421  
--> Family: # 62

FV at Mutated Child #1 at Generation # 59 : 1.9762878238810715  
FV at Mutated Child #2 at Generation # 59 : 34.21095144724955  
--> Family: # 63

FV at Mutated Child #1 at Generation # 59 : 40.32984416811036  
FV at Mutated Child #2 at Generation # 59 : 2.495446613604121  
--> Family: # 64

FV at Mutated Child #1 at Generation # 59 : 1.7229976517106274  
FV at Mutated Child #2 at Generation # 59 : 2416.100298459371  
--> Family: # 65

FV at Mutated Child #1 at Generation # 59 : 23.12498382657487  
FV at Mutated Child #2 at Generation # 59 : 25.863457149041714  
--> Family: # 66

FV at Mutated Child #1 at Generation # 59 : 136.29752170491082  
FV at Mutated Child #2 at Generation # 59 : 2.226629360600848  
--> Family: # 67

FV at Mutated Child #1 at Generation # 59 : 1.5496178140423327  
FV at Mutated Child #2 at Generation # 59 : 0.9299514890696846  
--> Family: # 68

FV at Mutated Child #1 at Generation # 59 : 53.0379143128672  
FV at Mutated Child #2 at Generation # 59 : 1.0592920459405706  
--> Family: # 69

FV at Mutated Child #1 at Generation # 59 : 0.8126611449656267  
FV at Mutated Child #2 at Generation # 59 : 10.27198450696166  
--> Family: # 70

FV at Mutated Child #1 at Generation # 59 : 5.389973440930953  
FV at Mutated Child #2 at Generation # 59 : 159.29640692604463  
--> Family: # 71

FV at Mutated Child #1 at Generation # 59 : 145.37785396617656  
FV at Mutated Child #2 at Generation # 59 : 8.009744049286898  
--> Family: # 72

FV at Mutated Child #1 at Generation # 59 : 6.226622381241963  
FV at Mutated Child #2 at Generation # 59 : 6.980965743182166  
--> Family: # 73

FV at Mutated Child #1 at Generation # 59 : 2.1784719006607465



FV at Mutated Child #2 at Generation # 59 : 615.5402230455614  
--> Family: # 74

FV at Mutated Child #1 at Generation # 59 : 11.88430938144996  
FV at Mutated Child #2 at Generation # 59 : 4.63849639710871  
--> Family: # 75

FV at Mutated Child #1 at Generation # 59 : 2.54204849836206  
FV at Mutated Child #2 at Generation # 59 : 32.76860721365431  
--> Family: # 76

FV at Mutated Child #1 at Generation # 59 : 0.8649701040759361  
FV at Mutated Child #2 at Generation # 59 : 2.5633409760245707  
--> Family: # 77

FV at Mutated Child #1 at Generation # 59 : 610.2229593924277  
FV at Mutated Child #2 at Generation # 59 : 12.512302388819036  
--> Family: # 78

FV at Mutated Child #1 at Generation # 59 : 1.3202762740646525  
FV at Mutated Child #2 at Generation # 59 : 15.456454906472532  
--> Family: # 79

FV at Mutated Child #1 at Generation # 59 : 0.8038995473340103  
FV at Mutated Child #2 at Generation # 59 : 1.1426542222182035  
--> Family: # 80

FV at Mutated Child #1 at Generation # 59 : 154.22381725205997  
FV at Mutated Child #2 at Generation # 59 : 149.71417627320906  
--> Generation: # 60  
--> Family: # 1

FV at Mutated Child #1 at Generation # 60 : 27.124580449877524  
FV at Mutated Child #2 at Generation # 60 : 150.38255968460132  
--> Family: # 2

FV at Mutated Child #1 at Generation # 60 : 32.29397111654387  
FV at Mutated Child #2 at Generation # 60 : 1.0625292865901776  
--> Family: # 3

FV at Mutated Child #1 at Generation # 60 : 0.7838729809970609  
FV at Mutated Child #2 at Generation # 60 : 0.7089369811794928  
--> Family: # 4

FV at Mutated Child #1 at Generation # 60 : 14.24991856872232  
FV at Mutated Child #2 at Generation # 60 : 0.7289597907738316  
--> Family: # 5

FV at Mutated Child #1 at Generation # 60 : 4.2925419779582645  
FV at Mutated Child #2 at Generation # 60 : 6.597688807335996  
--> Family: # 6

FV at Mutated Child #1 at Generation # 60 : 607.4790661742403  
FV at Mutated Child #2 at Generation # 60 : 0.7443519978490032  
--> Family: # 7

FV at Mutated Child #1 at Generation # 60 : 558.0071851274665  
FV at Mutated Child #2 at Generation # 60 : 0.7103350710499404  
--> Family: # 8

FV at Mutated Child #1 at Generation # 60 : 33.147564253847385

FV at Mutated Child #2 at Generation # 60 : 131.1691310919308  
--> Family: # 9

FV at Mutated Child #1 at Generation # 60 : 6.92656617515312  
FV at Mutated Child #2 at Generation # 60 : 7.839467561044105  
--> Family: # 10

FV at Mutated Child #1 at Generation # 60 : 4.702844549938518  
FV at Mutated Child #2 at Generation # 60 : 26.97230273212961  
--> Family: # 11

FV at Mutated Child #1 at Generation # 60 : 132.7676691652685  
FV at Mutated Child #2 at Generation # 60 : 0.714570738212559  
--> Family: # 12

FV at Mutated Child #1 at Generation # 60 : 1.9981535096506668  
FV at Mutated Child #2 at Generation # 60 : 0.8773556089989569  
--> Family: # 13

FV at Mutated Child #1 at Generation # 60 : 0.7437548314122528  
FV at Mutated Child #2 at Generation # 60 : 21.186668262493274  
--> Family: # 14

FV at Mutated Child #1 at Generation # 60 : 3.1403439405984597  
FV at Mutated Child #2 at Generation # 60 : 4.257379341084451  
--> Family: # 15

FV at Mutated Child #1 at Generation # 60 : 1.089996947400503  
FV at Mutated Child #2 at Generation # 60 : 16.303204718569845  
--> Family: # 16

FV at Mutated Child #1 at Generation # 60 : 0.8905924858515162  
FV at Mutated Child #2 at Generation # 60 : 35.555748922360536  
--> Family: # 17

FV at Mutated Child #1 at Generation # 60 : 30.270561706669774  
FV at Mutated Child #2 at Generation # 60 : 0.7437548314122528  
--> Family: # 18

FV at Mutated Child #1 at Generation # 60 : 22.357159877753414  
FV at Mutated Child #2 at Generation # 60 : 24.67372549207825  
--> Family: # 19

FV at Mutated Child #1 at Generation # 60 : 23.06753273048375  
FV at Mutated Child #2 at Generation # 60 : 2350.45632285679  
--> Family: # 20

FV at Mutated Child #1 at Generation # 60 : 4.108133556571691  
FV at Mutated Child #2 at Generation # 60 : 148.5725557306646  
--> Family: # 21

FV at Mutated Child #1 at Generation # 60 : 7.916003353383924  
FV at Mutated Child #2 at Generation # 60 : 121.42811158779246  
--> Family: # 22

FV at Mutated Child #1 at Generation # 60 : 48.39327262748801  
FV at Mutated Child #2 at Generation # 60 : 1.0411363867983612  
--> Family: # 23

FV at Mutated Child #1 at Generation # 60 : 101.91737108690211  
FV at Mutated Child #2 at Generation # 60 : 142.97554994779205

--> Family: # 24

FV at Mutated Child #1 at Generation # 60 : 10.626042048098801

FV at Mutated Child #2 at Generation # 60 : 3.4100875736822203

--> Family: # 25

FV at Mutated Child #1 at Generation # 60 : 1.1822143842040163

FV at Mutated Child #2 at Generation # 60 : 3.767094794962686

--> Family: # 26

FV at Mutated Child #1 at Generation # 60 : 8.27193423970204

FV at Mutated Child #2 at Generation # 60 : 9.099218789679188

--> Family: # 27

FV at Mutated Child #1 at Generation # 60 : 5.5531544104563695

FV at Mutated Child #2 at Generation # 60 : 8.450393725323833

--> Family: # 28

FV at Mutated Child #1 at Generation # 60 : 147.28484721391774

FV at Mutated Child #2 at Generation # 60 : 133.07369508560387

--> Family: # 29

FV at Mutated Child #1 at Generation # 60 : 8.611636209147079

FV at Mutated Child #2 at Generation # 60 : 6.567527361294634

--> Family: # 30

FV at Mutated Child #1 at Generation # 60 : 3.8987371395511023

FV at Mutated Child #2 at Generation # 60 : 2.911846484514598

--> Family: # 31

FV at Mutated Child #1 at Generation # 60 : 0.838966761037787

FV at Mutated Child #2 at Generation # 60 : 24.3908650943677

--> Family: # 32

FV at Mutated Child #1 at Generation # 60 : 26.948151487683013

FV at Mutated Child #2 at Generation # 60 : 26.376803930673066

--> Family: # 33

FV at Mutated Child #1 at Generation # 60 : 5.856746990362674

FV at Mutated Child #2 at Generation # 60 : 19.48795293285954

--> Family: # 34

FV at Mutated Child #1 at Generation # 60 : 2290.5816419557013

FV at Mutated Child #2 at Generation # 60 : 2440.151992376258

--> Family: # 35

FV at Mutated Child #1 at Generation # 60 : 7.813330129927611

FV at Mutated Child #2 at Generation # 60 : 2.083327207598545

--> Family: # 36

FV at Mutated Child #1 at Generation # 60 : 2.0554754058567672

FV at Mutated Child #2 at Generation # 60 : 0.6910897980736563

--> Family: # 37

FV at Mutated Child #1 at Generation # 60 : 2.0320000276707635

FV at Mutated Child #2 at Generation # 60 : 9.49150473003948

--> Family: # 38

FV at Mutated Child #1 at Generation # 60 : 1.1729131130848807

FV at Mutated Child #2 at Generation # 60 : 32.59345259900307

--> Family: # 39

FV at Mutated Child #1 at Generation # 60 : 0.8844544653768481  
FV at Mutated Child #2 at Generation # 60 : 0.7283948852981229  
--> Family: # 40

FV at Mutated Child #1 at Generation # 60 : 3.6586777835656603  
FV at Mutated Child #2 at Generation # 60 : 2.1940152381438986  
--> Family: # 41

FV at Mutated Child #1 at Generation # 60 : 142.86824254418224  
FV at Mutated Child #2 at Generation # 60 : 29.018916184572355  
--> Family: # 42

FV at Mutated Child #1 at Generation # 60 : 564.8670447714393  
FV at Mutated Child #2 at Generation # 60 : 142.28653260805302  
--> Family: # 43

FV at Mutated Child #1 at Generation # 60 : 0.738986236300597  
FV at Mutated Child #2 at Generation # 60 : 141.61483146905357  
--> Family: # 44

FV at Mutated Child #1 at Generation # 60 : 8.083034762475364  
FV at Mutated Child #2 at Generation # 60 : 3.6754247296760045  
--> Family: # 45

FV at Mutated Child #1 at Generation # 60 : 541.3912236442272  
FV at Mutated Child #2 at Generation # 60 : 5.882729585155726  
--> Family: # 46

FV at Mutated Child #1 at Generation # 60 : 0.7606698230995214  
FV at Mutated Child #2 at Generation # 60 : 0.7152552382660181  
--> Family: # 47

FV at Mutated Child #1 at Generation # 60 : 8.317349479815837  
FV at Mutated Child #2 at Generation # 60 : 87.7076538556499  
--> Family: # 48

FV at Mutated Child #1 at Generation # 60 : 3.2576344888655306  
FV at Mutated Child #2 at Generation # 60 : 7.722129528138327  
--> Family: # 49

FV at Mutated Child #1 at Generation # 60 : 31.0212383001443  
FV at Mutated Child #2 at Generation # 60 : 3.915862551849741  
--> Family: # 50

FV at Mutated Child #1 at Generation # 60 : 0.6586464555632645  
FV at Mutated Child #2 at Generation # 60 : 0.7323033055796462  
--> Family: # 51

FV at Mutated Child #1 at Generation # 60 : 29.740070894304544  
FV at Mutated Child #2 at Generation # 60 : 131.72770184946114  
--> Family: # 52

FV at Mutated Child #1 at Generation # 60 : 0.7133242238421675  
FV at Mutated Child #2 at Generation # 60 : 6.938622791759963  
--> Family: # 53

FV at Mutated Child #1 at Generation # 60 : 143.75869860055712  
FV at Mutated Child #2 at Generation # 60 : 6.295121732483803  
--> Family: # 54

FV at Mutated Child #1 at Generation # 60 : 86.57253215884818  
FV at Mutated Child #2 at Generation # 60 : 565.5259763679068  
--> Family: # 55

FV at Mutated Child #1 at Generation # 60 : 59.02149889191434  
FV at Mutated Child #2 at Generation # 60 : 123.60419090651189  
--> Family: # 56

FV at Mutated Child #1 at Generation # 60 : 4.160964788630866  
FV at Mutated Child #2 at Generation # 60 : 1.6678894010327072  
--> Family: # 57

FV at Mutated Child #1 at Generation # 60 : 7.981758813887714  
FV at Mutated Child #2 at Generation # 60 : 14.201608982193738  
--> Family: # 58

FV at Mutated Child #1 at Generation # 60 : 0.7328777267452891  
FV at Mutated Child #2 at Generation # 60 : 1.4801402877379966  
--> Family: # 59

FV at Mutated Child #1 at Generation # 60 : 129.7250991364128  
FV at Mutated Child #2 at Generation # 60 : 1.7466612772795682  
--> Family: # 60

FV at Mutated Child #1 at Generation # 60 : 113.33372643893387  
FV at Mutated Child #2 at Generation # 60 : 2.101361782849286  
--> Family: # 61

FV at Mutated Child #1 at Generation # 60 : 0.7058524504101736  
FV at Mutated Child #2 at Generation # 60 : 46.63358898540988  
--> Family: # 62

FV at Mutated Child #1 at Generation # 60 : 33.17191395318531  
FV at Mutated Child #2 at Generation # 60 : 26.069486509099345  
--> Family: # 63

FV at Mutated Child #1 at Generation # 60 : 133.0512012952653  
FV at Mutated Child #2 at Generation # 60 : 1.592649631911495  
--> Family: # 64

FV at Mutated Child #1 at Generation # 60 : 2.1475249500205633  
FV at Mutated Child #2 at Generation # 60 : 0.7275655772128365  
--> Family: # 65

FV at Mutated Child #1 at Generation # 60 : 9.97598684563171  
FV at Mutated Child #2 at Generation # 60 : 137.32228158112736  
--> Family: # 66

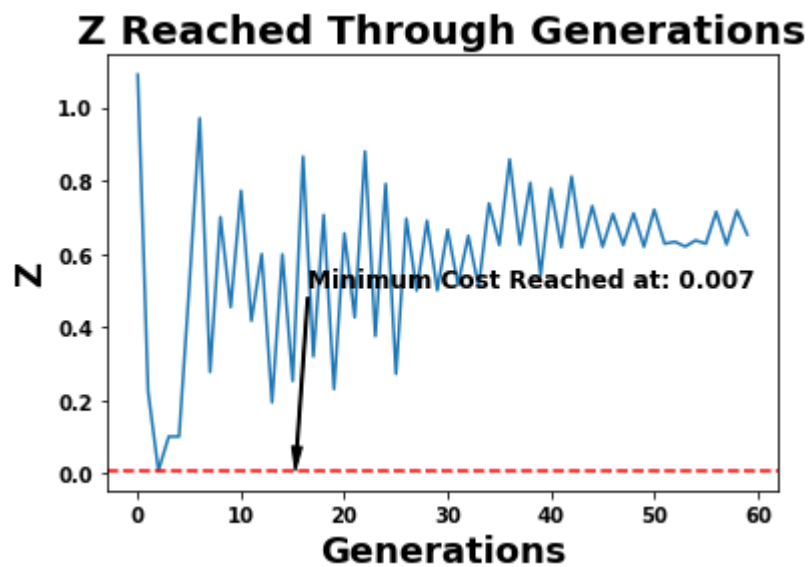
FV at Mutated Child #1 at Generation # 60 : 30.446947117366783  
FV at Mutated Child #2 at Generation # 60 : 5.398508602301667  
--> Family: # 67

FV at Mutated Child #1 at Generation # 60 : 1.9541878354087507  
FV at Mutated Child #2 at Generation # 60 : 34.07358654491065  
--> Family: # 68

FV at Mutated Child #1 at Generation # 60 : 0.6965157242271217  
FV at Mutated Child #2 at Generation # 60 : 149.6594606359004  
--> Family: # 69

FV at Mutated Child #1 at Generation # 60 : 0.6864956343480264





X After: 0.9479916982053469  
Y After: 0.9052618727872055  
OF After: 0.007026102139009082

In [168]:

```
hide_toggle(for_next=True)
```

Out[168]:

[show/hide code next cell](#)

In [61]:

```

from IPython.display import HTML
def hide_toggle(for_next=False):
    this_cell = ""$('div.cell.code_cell.rendered.selected')""
    next_cell = this_cell + '.next()'

    toggle_text = 'show/hide code' # text shown on toggle link
    target_cell = this_cell # target cell to control with toggle
    js_hide_current = '' # bit of JS to permanently hide code in current cell (only wh
en toggling next cell)

    if for_next:
        target_cell = next_cell
        toggle_text += ' next cell'
        js_hide_current = this_cell + '.find("div.input").hide();'

    js_f_name = 'code_toggle_{}'.format(str(random.randint(1,2**64)))

    html = ""
        <script>
            function {f_name}() {{
                {cell_selector}.find('div.input').toggle();
            }}

            {js_hide_current}
        </script>

        <a href="javascript:{f_name}()">{toggle_text}</a>
    """".format(
        f_name=js_f_name,
        cell_selector=target_cell,
        js_hide_current=js_hide_current,
        toggle_text=toggle_text
    )

    return HTML(html)

```

## Egcrate function

*Let's start with a simple Simulated annealing code , and try to find the egcrate fucntion optimumum*

In [400]:

```
hide_toggle(for_next=True)
```

Out[400]:

[show/hide code next cell](#)



In [398]:

```
x0 = 2 # Initial solution we want to start at  
y0 = 1  
  
k = 0.1  
T0 = 1000  
M = 300
```

```
N = 15
alpha = 0.85

z_int = x0**2+y0**2+25*(math.sin(x0)**2+math.sin(y0)**2)

print("Initial X is %.3f" % x0)
print("Initial Y is %.3f" % y0)
print("Initial Z is %.3f" % z_int)

temp = []
min_z = []

for i in range(M):
    for j in range(N):
        xt = 0
        yt = 0

        ran_x_1 = np.random.rand()
        ran_x_2 = np.random.rand()
        ran_y_1 = np.random.rand()
        ran_y_2 = np.random.rand()

        if ran_x_1 >= 0.5:
            x1 = k*ran_x_2
        else:
            x1 = -k*ran_x_2

        if ran_y_1 >= 0.5:
            y1 = k*ran_y_2
        else:
            y1 = -k*ran_y_2

        xt = x0+x1
        yt = y0+y1

        of_new = xt**2+yt**2+25*(math.sin(xt)**2+math.sin(yt)**2)

        of_current = x0**2+y0**2+25*(math.sin(x0)**2+math.sin(y0)**2)

        ran_1 = np.random.rand()
        form = 1/(np.exp((of_new-of_current)/T0))

        if of_new <= of_current:
            x0 = xt
            y0 = yt
        elif ran_1<=form:
            x0 = xt
            y0 = yt
        else:
            x0 = x0
            y0 = y0

        temp = np.append(temp,T0)
        min_z = np.append(min_z,of_current)
        T0 = alpha*T0

print("X is %.3f" % x0)
print("Y is %.3f" % y0)
```

```

print("Final OF is %.3f" % of_current)

plt.plot(temp,min_z)
plt.title("cost(egcrate) vs. Temp.",fontsize=20, fontweight='bold')
plt.xlabel("Temp.",fontsize=18, fontweight='bold')
plt.ylabel("cost(egcrate)",fontsize=18, fontweight='bold')

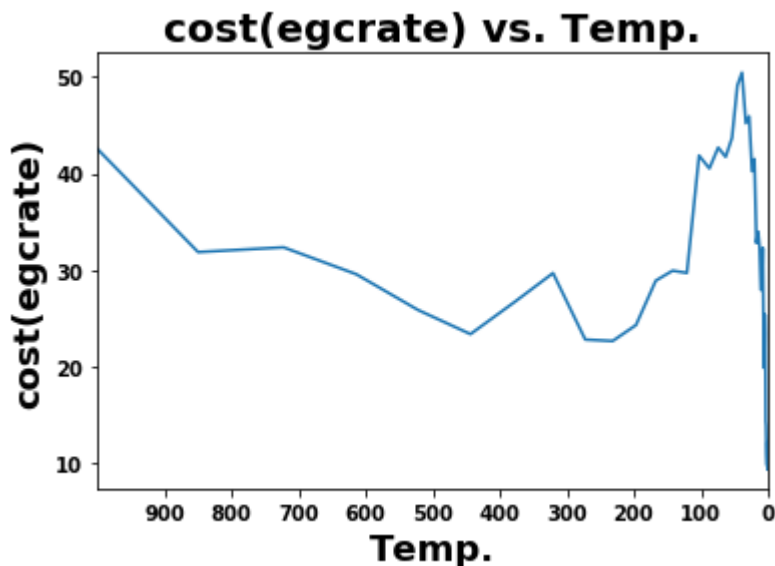
plt.xlim(1000,0)
plt.xticks(np.arange(min(temp),max(temp),100),fontweight='bold')
plt.yticks(fontweight='bold')

plt.show()

```

Initial X is 2.000  
 Initial Y is 1.000  
 Initial Z is 43.372  
 X is -0.000  
 Y is 3.022  
 Final OF is 9.488

C:\ProgramData\Anaconda3\lib\site-packages\ipykernel\_launcher.py:51: RuntimeWarning: divide by zero encountered in double\_scalars



The egcrate function global minimum can be caught more oftenly using S.A than gradient based methods however the run time is higher using stochastic methods and though the cpu pressure is higher ( operations / cycle)