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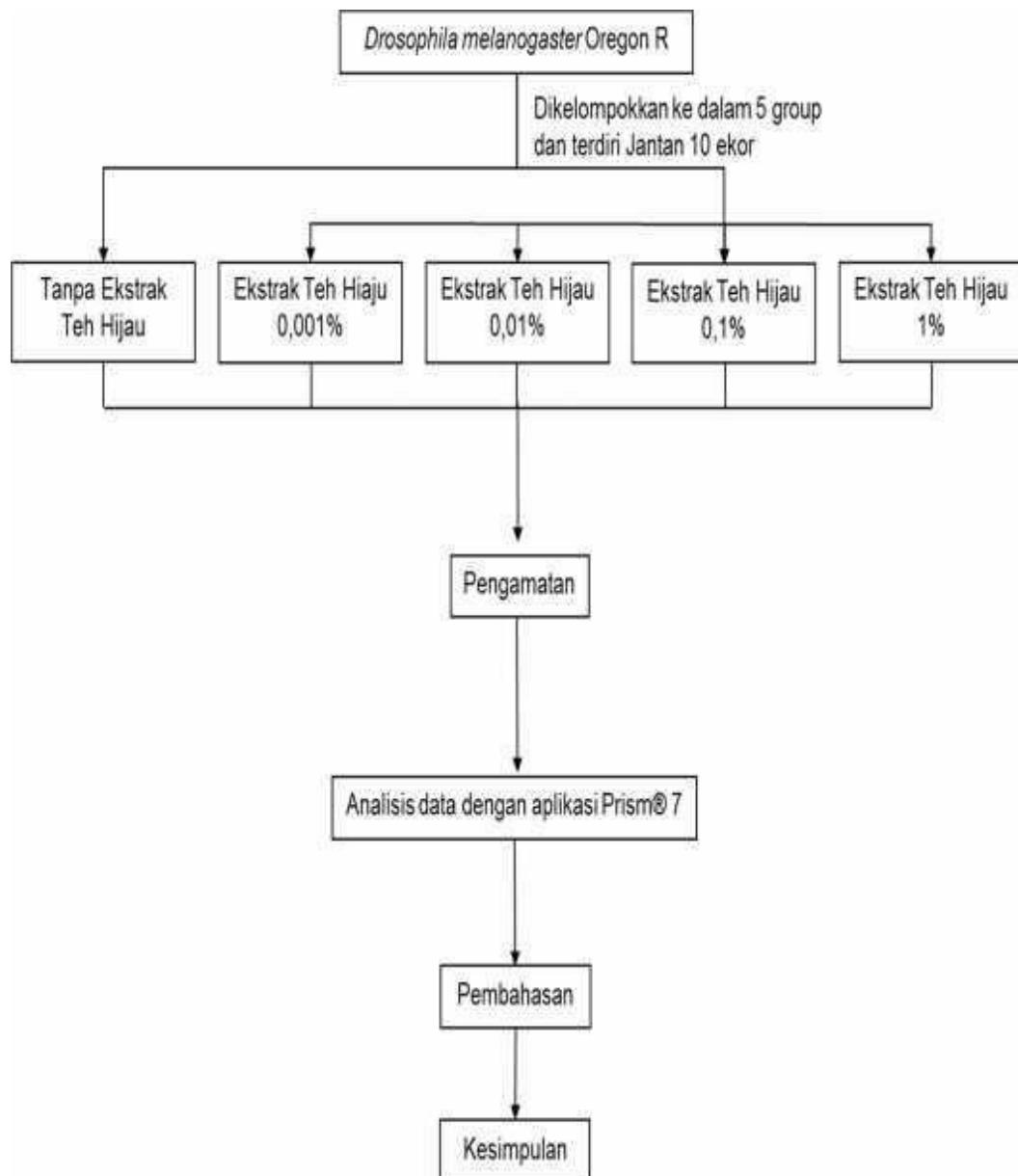
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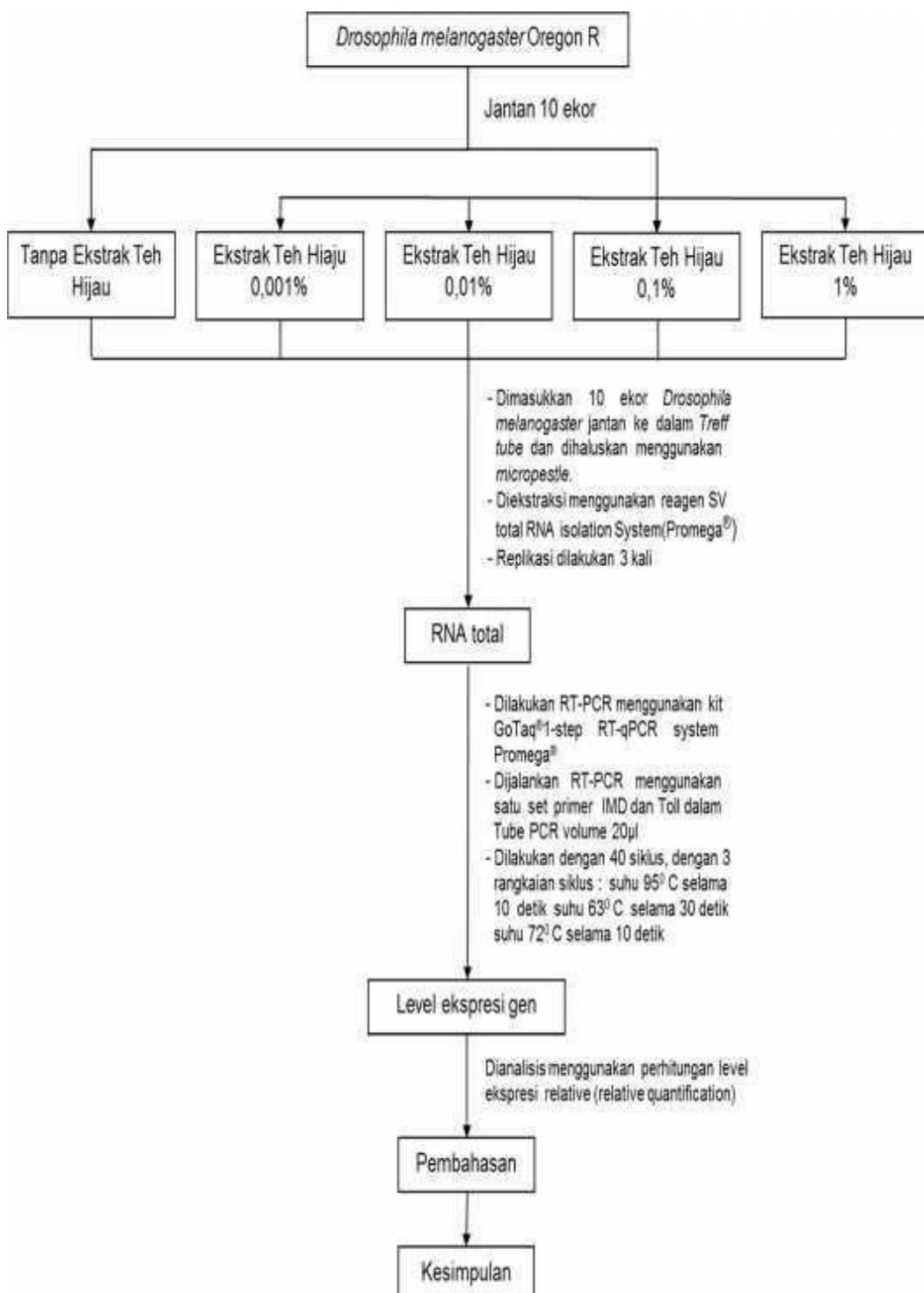
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## LAMPIRAN

### Lampiran 1. Uji Survival



## Lampiran 2. Skema Kerja



**Lampiran 3. Komposisi Pakan dan Skema Kerja Pembuatan Pakan *Drosophila melanogaster***

Komposisi pakan *Drosophila melanogaster* untuk 1.000 ml

No.	Uraian	Jumlah
1.	Corn meal (tepung jagung)	75 gram
2.	Gula pasir	45 gram
3.	Yeast	25 gram
4.	Serbuk agar	9 gram
5.	Metil paraben	4,2 ml
6.	Asam propionat	3,8 ml
7.	Air steril	Ad 1.000 ml
8.	pH	4-5

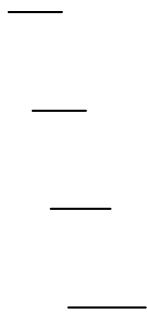
Adapun skema kerja pembuatan pakan untuk 1000 ml

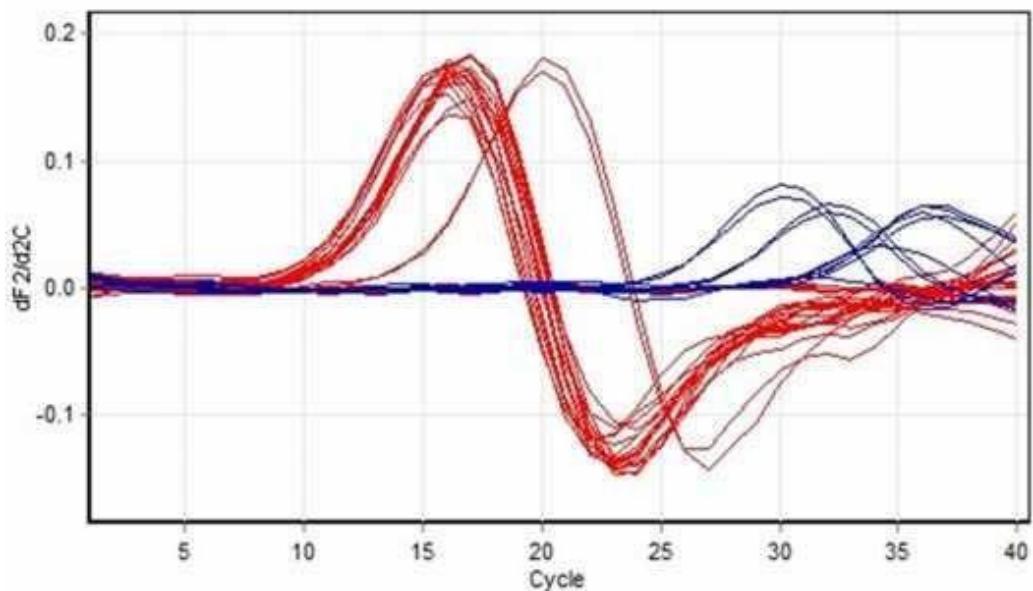
1. Disiapkan alat dan bahan yang akan digunakan.
2. Ditimbang semua bahan:
  - a. Tepung jagung sebanyak 75 gram.
  - b. Ragi (yeast) sebanyak 25 gram.
  - c. Gula pasir sebanyak 45 gram.
  - d. Serbuk agar sebanyak 9 gram
3. Dicampurkan semua bahan dalam gelas Beaker kapasitas 1.000 mL dan dihomogenkan.
4. Dicukupkan dengan aquadest yang telah disterilkan sampai 1.000 mL.
5. Dipanaskan dengan electric hotplate sampai mengental. Kemudian tambahkan asam propionate dan metil paraben.
6. Setelah suhu pakan menjadi hangat, tuangkan ke dalam botol kultur. Selanjutnya masukkan ke dalam masing-masing vial yang telah disediakan.

**Lampiran 4. Pembuatan Pakan Yang Mengandung Ekstrak Daun Teh Hijau (*Camellia sinensis*) 1 %, 0,1 %, 0,01 % dan 0,001 %**

Ekstrak daun teh hijau yang telah dalam bentuk serbuk ditimbang dengan berat masing-masing 1%, 0,1%, 0,01% dan 0,001% yang akan diakumulasikan sesuai dengan total flyfood yang dibuat.

Pakan dibuat sebanyak 1 liter = 1000 ml



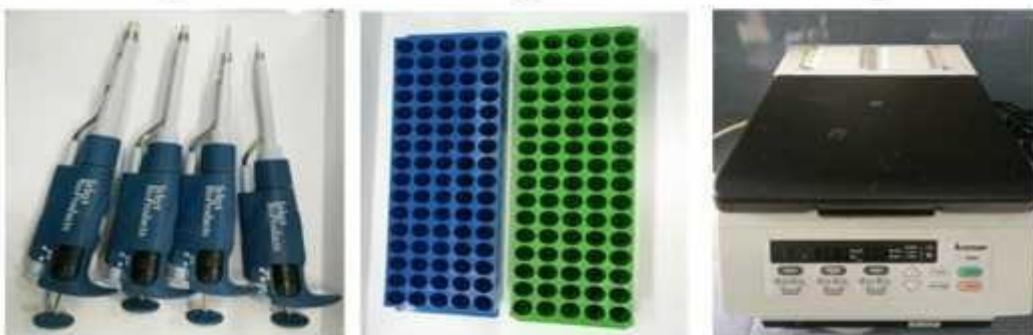
**Lampiran 5. Gambar Hasil PCR**

## Lampiran 6. One Way ANNOVA Test Gen Drs

Number of families	1							
Number of comparisons per family	10							
Alpha	0,05							
Tukey's multiple comparisons test	Mean Diff,	95% CI of diff,	Significant (Yes / No)	Summary	Adjusted P Value			
Kontrol Sehat vs. ETH 1%	-16,9	-23,02 to -10,78	Yes	***	0,0006			
Kontrol Sehat vs. ETH 0,1%	-1,315	-7,432 to 4,802	No	ns	0,8994			
Kontrol Sehat vs. ETH 0,01%	-1,101	-7,218 to 5,015	No	ns	0,9423			
Kontrol Sehat vs. ETH 0,001%	-2,965	-9,082 to 3,152	No	ns	0,4014			
ETH 1% vs. ETH 0,1%	15,59	9,468 to 21,70	Yes	***	0,0008			
ETH 1% vs. ETH 0,01%	15,8	9,682 to 21,92	Yes	***	0,0008			
ETH 1% vs. ETH 0,001%	13,94	7,818 to 20,05	Yes	**	0,0014			
ETH 0,1% vs. ETH 0,01%	0,2135	-5,903 to 6,330	No	ns	0,9999			
ETH 0,1% vs. ETH 0,001%	-1,65	-7,767 to 4,467	No	ns	0,8095			
ETH 0,01% vs. ETH 0,001%	-1,864	-7,980 to 4,253	No	ns	0,7425			
Test details	Mean 1	Mean 2	Mean Diff,	SE of diff,	n1	n2	q	DF
Kontrol Sehat vs. ETH 1%	0,00001175	16,9	-16,9	1,525	2	2	15,67	5
Kontrol Sehat vs. ETH 0,1%	0,00001175	1,315	-1,315	1,525	2	2	1,22	5
Kontrol Sehat vs. ETH 0,01%	0,00001175	1,102	-1,101	1,525	2	2	1,022	5
Kontrol Sehat vs. ETH 0,001%	0,00001175	2,965	-2,965	1,525	2	2	2,75	5
ETH 1% vs. ETH 0,1%	16,9	1,315	15,59	1,525	2	2	14,45	5
ETH 1% vs. ETH 0,01%	16,9	1,102	15,8	1,525	2	2	14,65	5
ETH 1% vs. ETH 0,001%	16,9	2,965	13,94	1,525	2	2	12,92	5
ETH 0,1% vs. ETH 0,01%	1,315	1,102	0,2135	1,525	2	2	0,198	5
ETH 0,1% vs. ETH 0,001%	1,315	2,965	-1,65	1,525	2	2	1,53	5
ETH 0,01% vs. ETH 0,001%	1,102	2,965	-1,864	1,525	2	2	1,728	5

## Lampiran 7. One Way ANNOVA Test Gen Dpt

Number of families	1							
Number of comparisons per family	10							
Alpha	0,05							
Tukey's multiple comparisons test	Mean Diff,	95% CI of diff,	Significant (Yes / No)	Summary	Adjusted P Value			
Kontrol Sehat vs. ETH 1%	-0,0003123	-0,0007437 to 0,0001192	No	ns	0,1496			
Kontrol Sehat vs. ETH 0,1%	-0,0006678	-0,001099 to -0,0002363	Yes	**	0,0083			
Kontrol Sehat vs. ETH 0,01%	0,00004695	-0,0003845 to 0,0004784	No	ns	0,9901			
Kontrol Sehat vs. ETH 0,001%	-0,0004298	-0,0008612 to 1,674e-006	No	ns	0,0507			
ETH 1% vs. ETH 0,1%	-0,0003555	-0,0007869 to 7,592e-005	No	ns	0,0992			
ETH 1% vs. ETH 0,01%	0,0003592	-7,222e-005 to 0,0007906	No	ns	0,0959			
ETH 1% vs. ETH 0,001%	-0,0001175	-0,0005489 to 0,0003139	No	ns	0,8047			
ETH 0,1% vs. ETH 0,01%	0,0007147	0,0002833 to 0,001146	Yes	**	0,0062			
ETH 0,1% vs. ETH 0,001%	0,000238	-0,0001934 to 0,0006694	No	ns	0,3065			
ETH 0,01% vs. ETH 0,001%	-0,0004767	-0,0009081 to -4,528e-005	Yes	*	0,0341			
Test details	Mean 1	Mean 2	Mean Diff,	SE of diff,	n1	n2	q	DF
Kontrol Sehat vs. ETH 1%	0,00008925	0,0004015	-0,000312	0,0001075	2	2	4,106	5
Kontrol Sehat vs. ETH 0,1%	0,00008925	0,000757	-0,000668	0,0001075	2	2	8,781	5
Kontrol Sehat vs. ETH 0,01%	0,00008925	0,0000423	4,695E-05	0,0001075	2	2	0,6174	5
Kontrol Sehat vs. ETH 0,001%	0,00008925	0,000519	-0,00043	0,0001075	2	2	5,651	5
ETH 1% vs. ETH 0,1%	0,0004015	0,000757	-0,000356	0,0001075	2	2	4,675	5
ETH 1% vs. ETH 0,01%	0,0004015	0,0000423	0,0003592	0,0001075	2	2	4,723	5
ETH 1% vs. ETH 0,001%	0,0004015	0,000519	-0,000118	0,0001075	2	2	1,545	5
ETH 0,1% vs. ETH 0,01%	0,000757	0,0000423	0,0007147	0,0001075	2	2	9,398	5
ETH 0,1% vs. ETH 0,001%	0,000757	0,000519	0,000238	0,0001075	2	2	3,13	5
ETH 0,01% vs. ETH 0,001%	0,0000423	0,000519	-0,000477	0,0001075	2	2	6,268	5

**Lampiran 8. Dokumentasi Alat-Alat Penelitian****a****b****c****d****e****f****g****h****i**

(a) BSC II (b) Real Time-qPCR (c) Termomixer (d) Pipet mikro (e) Rak tube  
(f) Sentrifus (g) Kit Isolasi DNA (h) Vial (i) PCR Master mix