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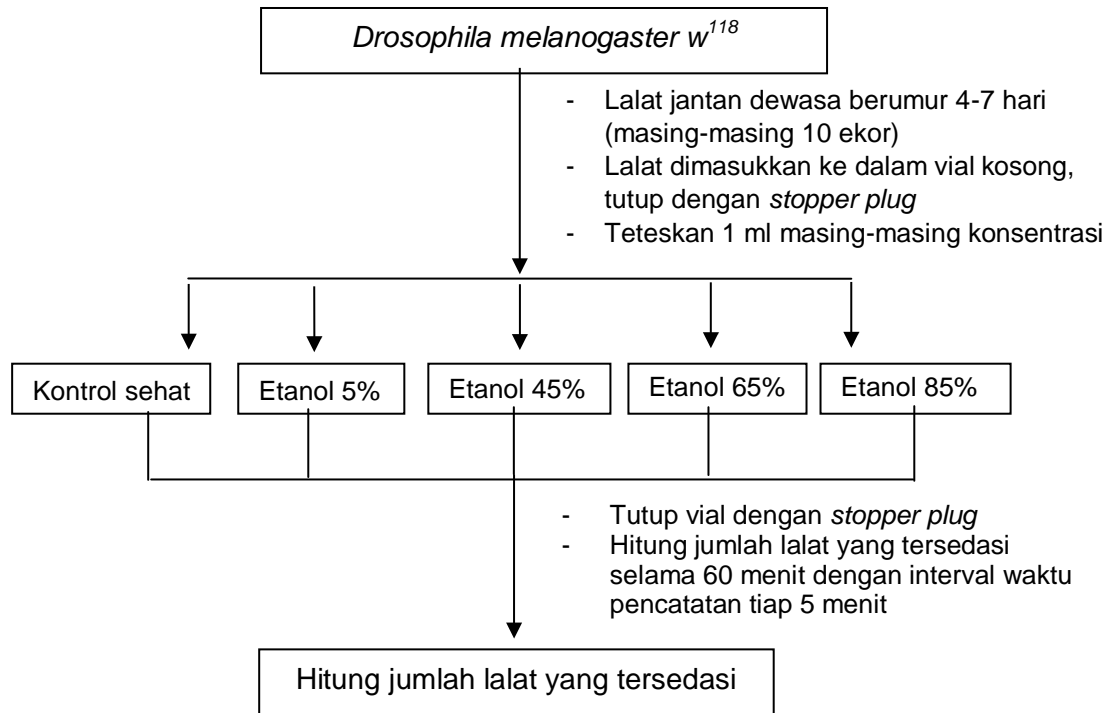
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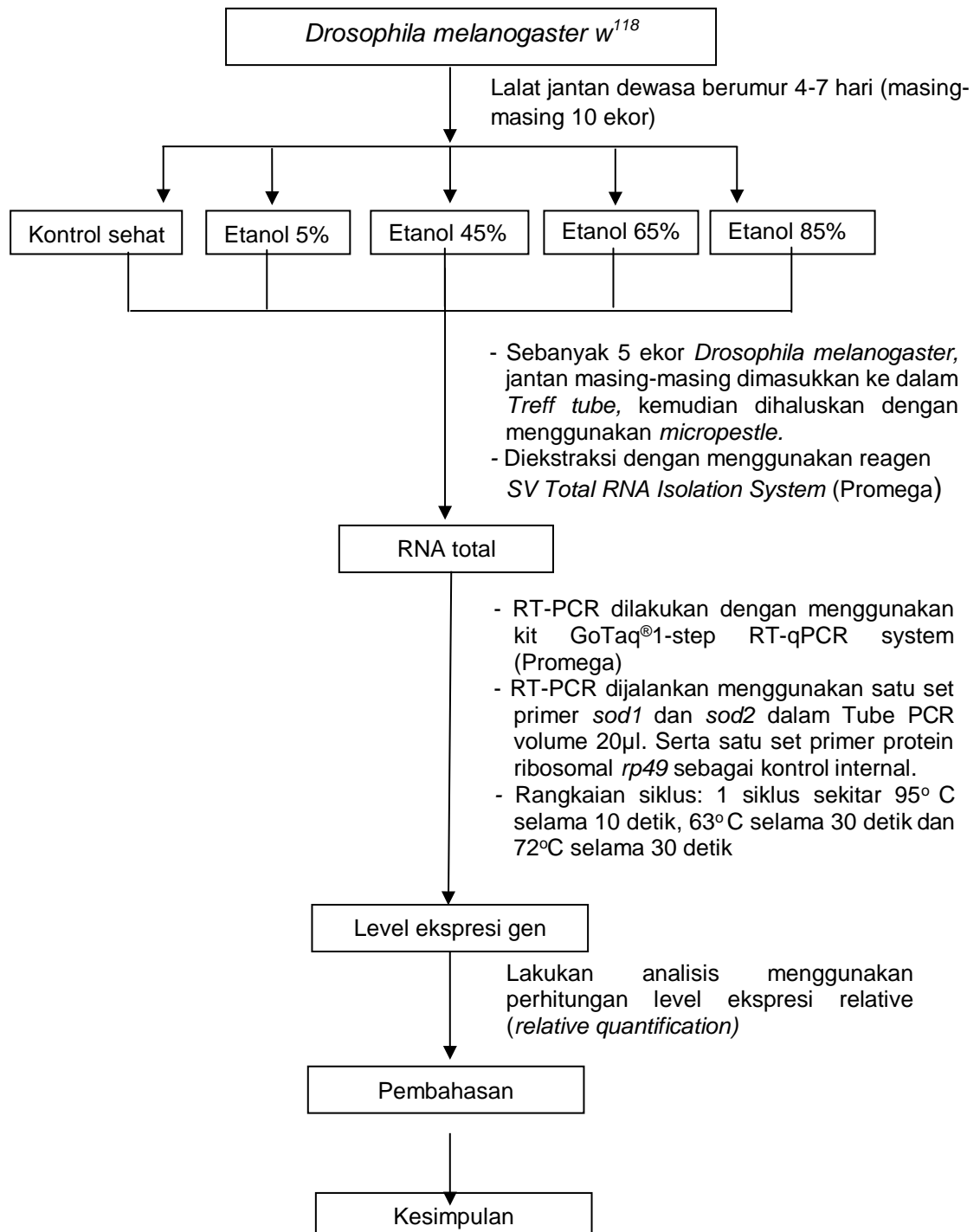
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LAMPIRAN

Lampiran 1. Skema Kerja Uji Mortalitas



Lampiran 2. Skema Kerja Isolasi RNA dan Uji PCR



Lampiran 3. Komposisi Pakan *Drosophila melanogaster*

Komposisi pakan *Drosophila melanogaster* untuk 200 ml:

1. Tepung Jagung : 15 g
2. Ragi : 5 g
3. Gula Pasir : 9 g
4. Agar : 1,8 g
5. Metil Paraben : 900 μ L
6. Asam Propionat : 800 μ L
7. Air Steril : ad 200 ml

Lampiran 4. Analisis Data

Tabel 2. Hasil *one-way anova* ekspresi gen *sod1*

<i>ANOVA summary</i>	<i>Value</i>
F	2,835
P value	0,0646
P value summary	ns
Significant diff. among means (P < 0.05)?	No
R squared	0,5415

Tabel 3. Hasil uji lanjutan *tukey* ekspresi gen *sod1*

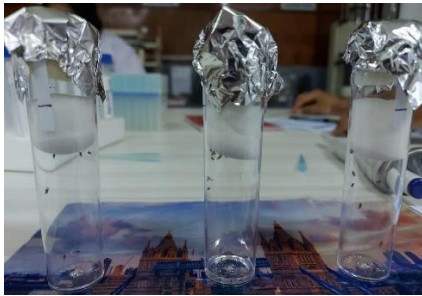
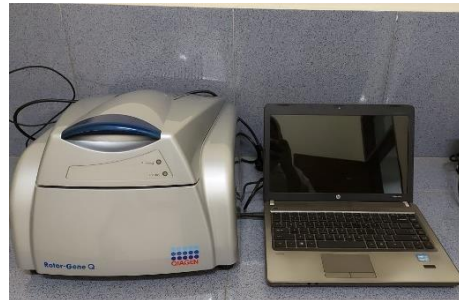
Tukey's Multiple Comparisons Test	Mean Diff	Summary	Adjusted P Value
Kontrol Sehat vs. Etanol 5%	1,323	*	0,0366
Kontrol Sehat vs. Etanol 25%	0,7633	ns	0,3740
Kontrol Sehat vs. Etanol 45%	0,9233	ns	0,2066
Kontrol Sehat vs. Etanol 65%	1,040	ns	0,1279
Kontrol Sehat vs. Etanol 85%	0,7867	ns	0,3451
Etanol 5% vs. Etanol 25%	-0,5600	ns	0,6709
Etanol 5% vs. Etanol 45%	-0,4000	ns	0,8836
Etanol 5% vs. Etanol 65%	-0,2833	ns	0,9696
Etanol 5% vs. Etanol 85%	-0,5367	ns	0,7061
Etanol 25% vs. Etanol 45%	0,1600	ns	0,9977
Etanol 25% vs. Etanol 65%	0,2767	ns	0,9725
Etanol 25% vs. Etanol 85%	0,02333	ns	>0,9999
Etanol 45% vs. Etanol 65%	0,1167	ns	0,9995
Etanol 45% vs. Etanol 85%	-0,1367	ns	0,9989
Etanol 65% vs. Etanol 85%	-0,2533	ns	0,9811

Tabel 4. Hasil *one-way anova* ekspresi gen *sod2*

<i>ANOVA summary</i>	<i>Value</i>
F	3,484
P value	0,0393
P value summary	*
Significant diff. among means (P < 0.05)?	Yes
R squared	0,6129

Tabel 5. Hasil uji lanjutan *tukey* ekspresi gen *sod2*

Tukey's Multiple Comparisons Test	Mean Diff	Summary	Adjusted P Value
Kontrol Sehat vs. Etanol 5%	-0,2133	ns	0,9851
Kontrol Sehat vs. Etanol 25%	-0,3783	ns	0,9030
Kontrol Sehat vs. Etanol 45%	0,3433	ns	0,8977
Kontrol Sehat vs. Etanol 65%	-0,3533	ns	0,8867
Kontrol Sehat vs. Etanol 85%	-0,9767	ns	0,1064
Etanol 5% vs. Etanol 25%	-0,1650	ns	0,9972
Etanol 5% vs. Etanol 45%	0,5567	ns	0,5738
Etanol 5% vs. Etanol 65%	-0,1400	ns	0,9978
Etanol 5% vs. Etanol 85%	-0,7633	ns	0,2735
Etanol 25% vs. Etanol 45%	0,7217	ns	0,4298
Etanol 25% vs. Etanol 65%	0,02500	ns	>0,9999
Etanol 25% vs. Etanol 85%	-0,5983	ns	0,6104
Etanol 45% vs. Etanol 65%	-0,6967	ns	0,3561
Etanol 45% vs. Etanol 85%	-1,320	*	0,0205
Etanol 65% vs. Etanol 85%	-0,6233	ns	0,4641

Lampiran 5. Gambar Penelitian**Gambar 12. Uji Mortalitas****Gambar 13. PCR****Gambar 14. Pembuatan Pakan****Gambar 15. BSC II****Gambar 16. Termomixer****Gambar 17. Mikroskop zoom stereo**