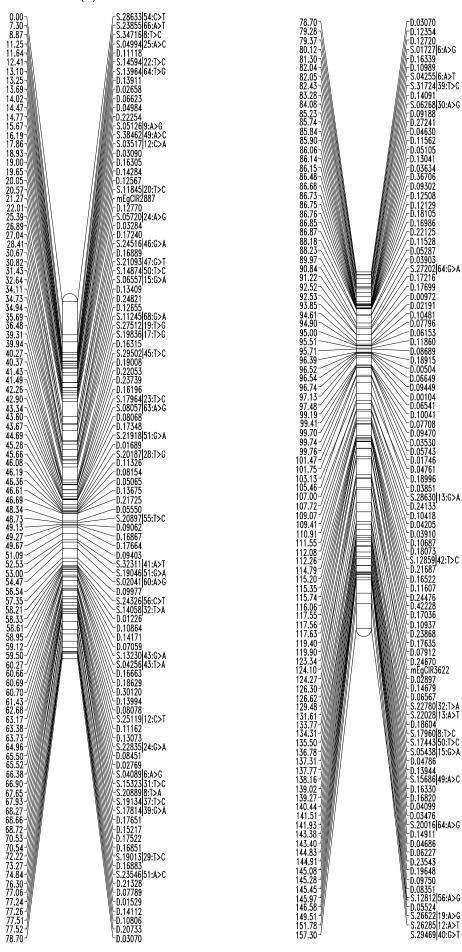
"High Density SNP and DArT-based Genetic Linkage Maps of Two Closely Related Oil Palm Populations"

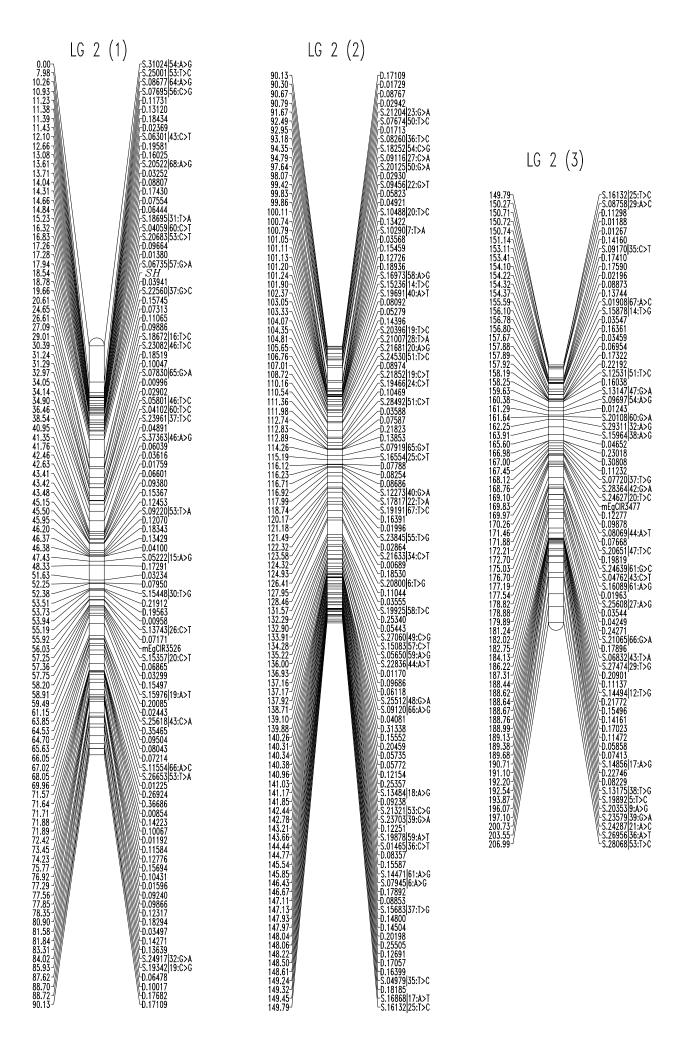
Journal of Applied Genetics

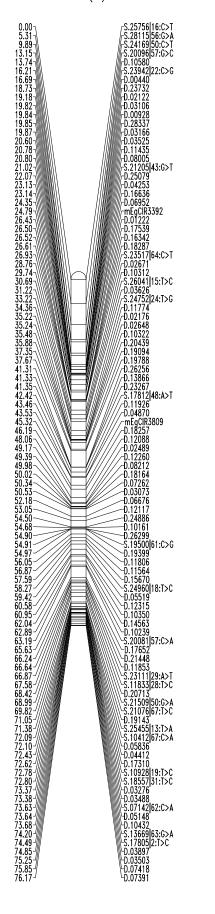
Siou Ting Gan, Wei Chee Wong, Choo Kien Wong, Aik Chin Soh, Andrzej Kilian, Eng-Ti Leslie Low, Festo Massawe and Sean Mayes

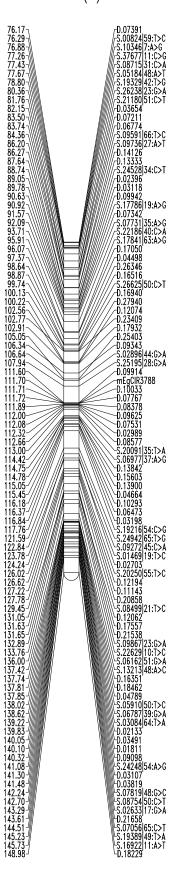
Corresponding author: Siou Ting Gan, Biotechnology Research Centre, Advanced Agriecological Research Sdn. Bhd., 43500 Semenyih, Selangor Darul Ehsan, Malaysia.

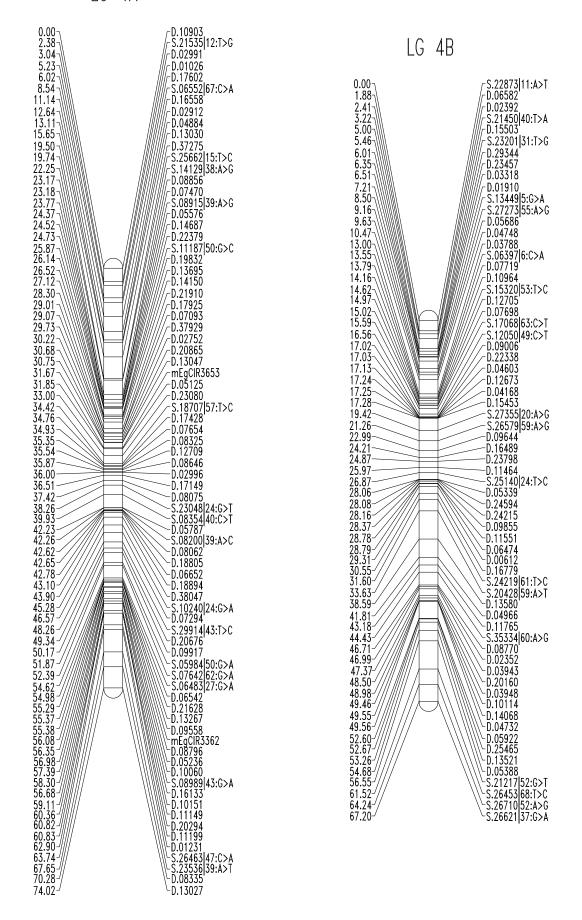
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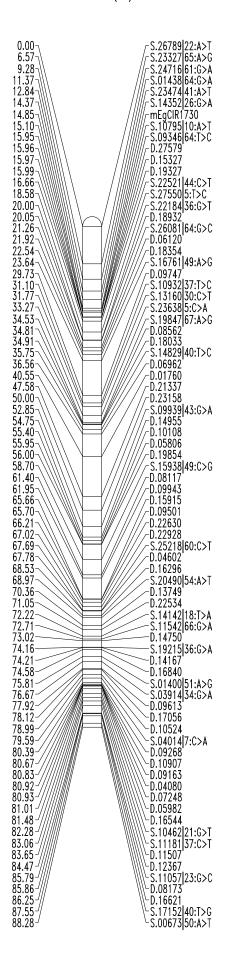




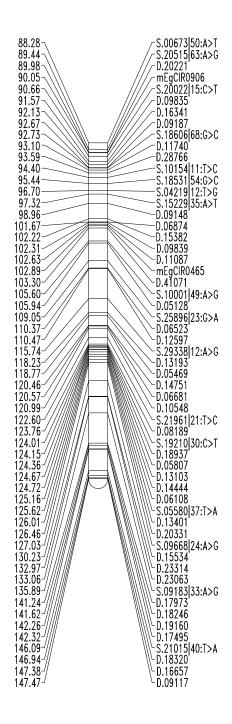




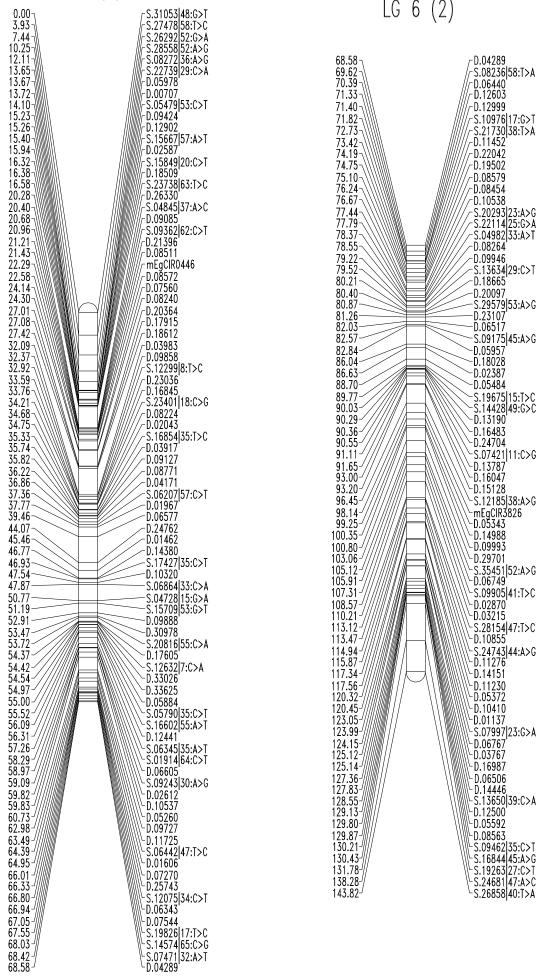


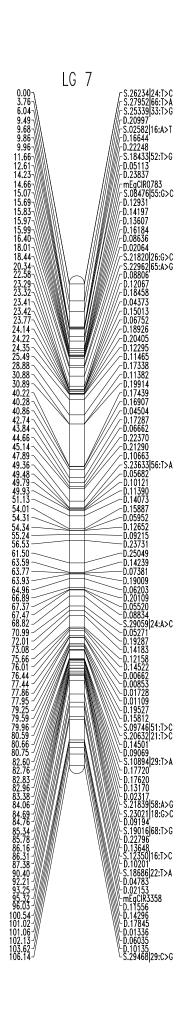


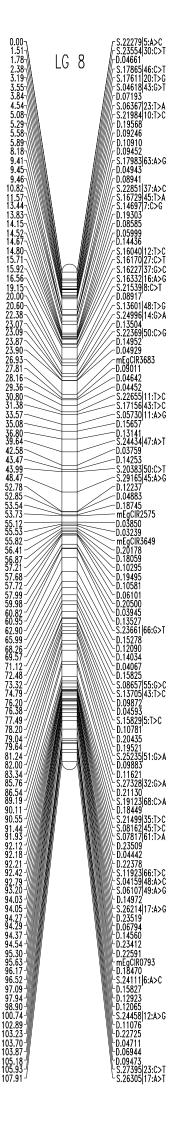
LG 5 (2)

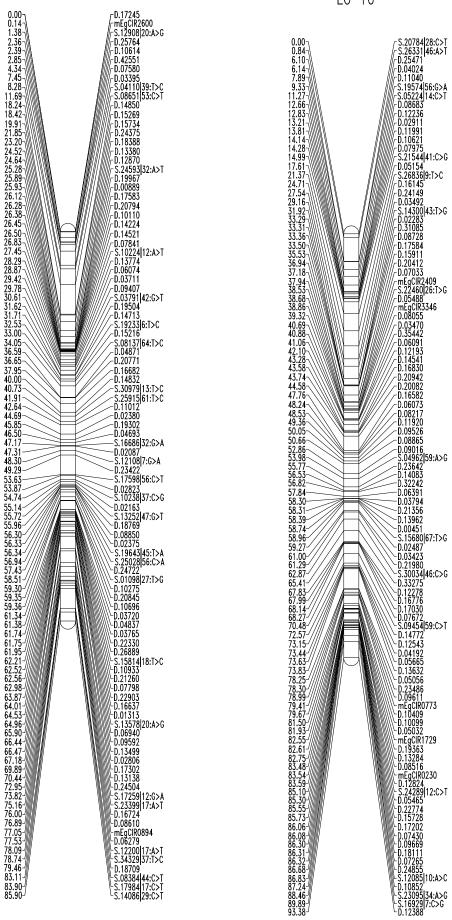


68.58





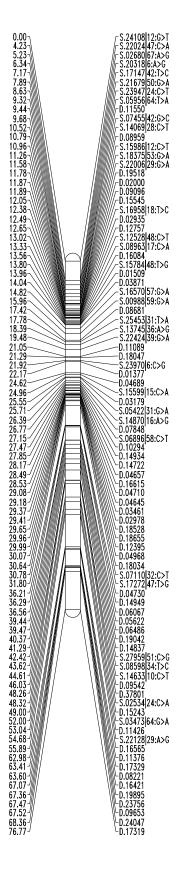


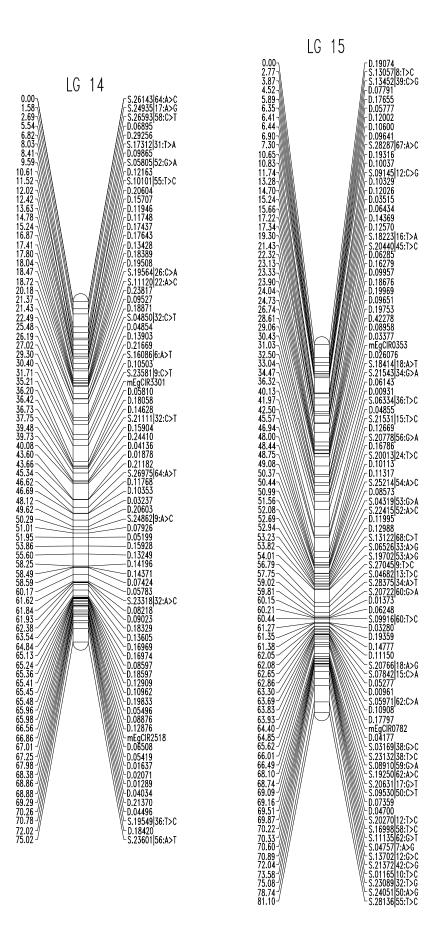


LG 11 (1)

0.00 - 3.66 - 4.87 - 5.75 - 7.26 - 10.04 - 13.50 - 13.86 - 14.30 - 17.64 - 18.28 - 20.39 - 22.21 - 25.01 - 25.90 - 25.90 - 26.97 - 125.90 - 26.97 - 26.97 - 125.90 - 26.97 - 125.90 - 26.97 - 125.90 - 26.97 - 125.90 - 26.97 - 125.90 - 26.97 - 125.90 - 26.97 - 125.90 - 26.97 - 125.90 - 26.97 - 125.90 - 26.97 - 26.97 - 125.90 - 26.97 -	S.24206 47:T>C D.20770 S.04628 64:A>C D.06372 S.26058 47:A>C D.04228 D.03305 D.03456 D.01263 S.15795 11:T>C S.34485 25:G>A D.12742 S.04851 20:A>T D.09555 S.19424 28:C>T D.11857 D.13891 D.19416	55.18 57.30 57.52 57.52 58.38 59.77	
27.01 ¬ 28.34 ¬ 29.55 ¬ 29.94 ¬ 29.98 ¬ 31.13 ¬ 31.40 ¬ 32.91 ¬ 34.05 ¬ 34.29 ¬ 34.60 ¬ 34.66 ¬ 34.74 ¬ 34.87 ¬ 34.98 ¬ 35.00 ¬ 35.79 ¬ 37.05 ¬ 37.00 ¬ 37.55 ¬	D.24084	59.89 D.16367 59.95 D.02830 61.19 S.15890 4 61.54 S.04388 5 61.87 D.08673 62.50 D.08655 62.89 S.05175 5 64.54 S.35696 1 64.59 S.08303 4 64.89 S.14326 65.07 S.17467 4 65.34 D.06521 65.72 D.03089 65.73 D.02067 66.59 D.04832 66.76 S.17414 1 67.76 S.17876 4 68.40 D.17395 69.50 D.13012 69.53 D.13012 70.17 S.26270 6 72.74 S.26270 6 5.18560 4 S.26270 6	53:T>A 51:A>G 12:G>T 40:T>A 5:C>G 42:G>A
37.94- 37.96- 38.03- 38.22- 38.74- 39.09- 39.62- 39.74- 39.79- 39.92- 40.16- 40.24- 40.38- 41.17-	D.07500 D.08600 D.19634 D.07955 S.17239 54:T>C D.11692 S.18987 53:G>A D.13347 D.13181 D.11355 D.13769 D.00321 D.00321 D.02538 D.16457 D.05327 D.14364 D.06462 S.07095 18:G>A	73.06 D.23363 73.34 S.03185 4 73.87 D.05924 74.00 D.07233 74.07 D.07233 74.07 D.16364 74.19 D.01644	45:G>C
41.57 / 42.26 / 42.76 / 43.23 / 43.37 / 43.47 / 43.63 / 43.93 / 44.26 / 45.08 / 45.13 / 45.36 / 46.92 / 47.25 / 48.24 / 48.69 / 49.03 / 49.29 / 50.21 / 51.31	D.03467' S.11841 59:C>T D.05536 D.03294 D.07501 S.09875 5:G>C S.06351 67:G>A D.1449 D.17189 D.17189 D.26211 D.08257 S.05945 13:G>A D.16534 D.20464 D.25254 S.09900 30:G>A S.09900 30:G>A S.24579 40:A>G S.20574 47:C>T	77.32	350 24:G>C 56:T>A
52.08 52.14 52.29 53.54 53.97 54.83 55.18	D.06438' D.19492 S.10427 43:C>G S.17792 30:T>C S.21487 45:A>C S.14147 10:T>C S.07043 21:G>C	83.16 84.51 85.27 86.26 91.46 92.85 92.85	:9:T>C ::T>C :0:T>C

LG 12





LG 16

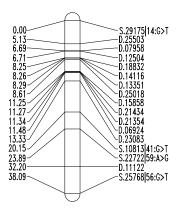


Fig. S3 Genetic linkage maps of the integrated map. The map consists of 2066 markers loci (35 SSR, 1340 DArT, 690 SNP and *Sh* locus). Marker names are shown to the right of each LG, with map distances in centiMorgans (Haldane units) to the left. D: DArT marker, S: SNP marker, mEgCIR: *E. guineensis* SSR marker.