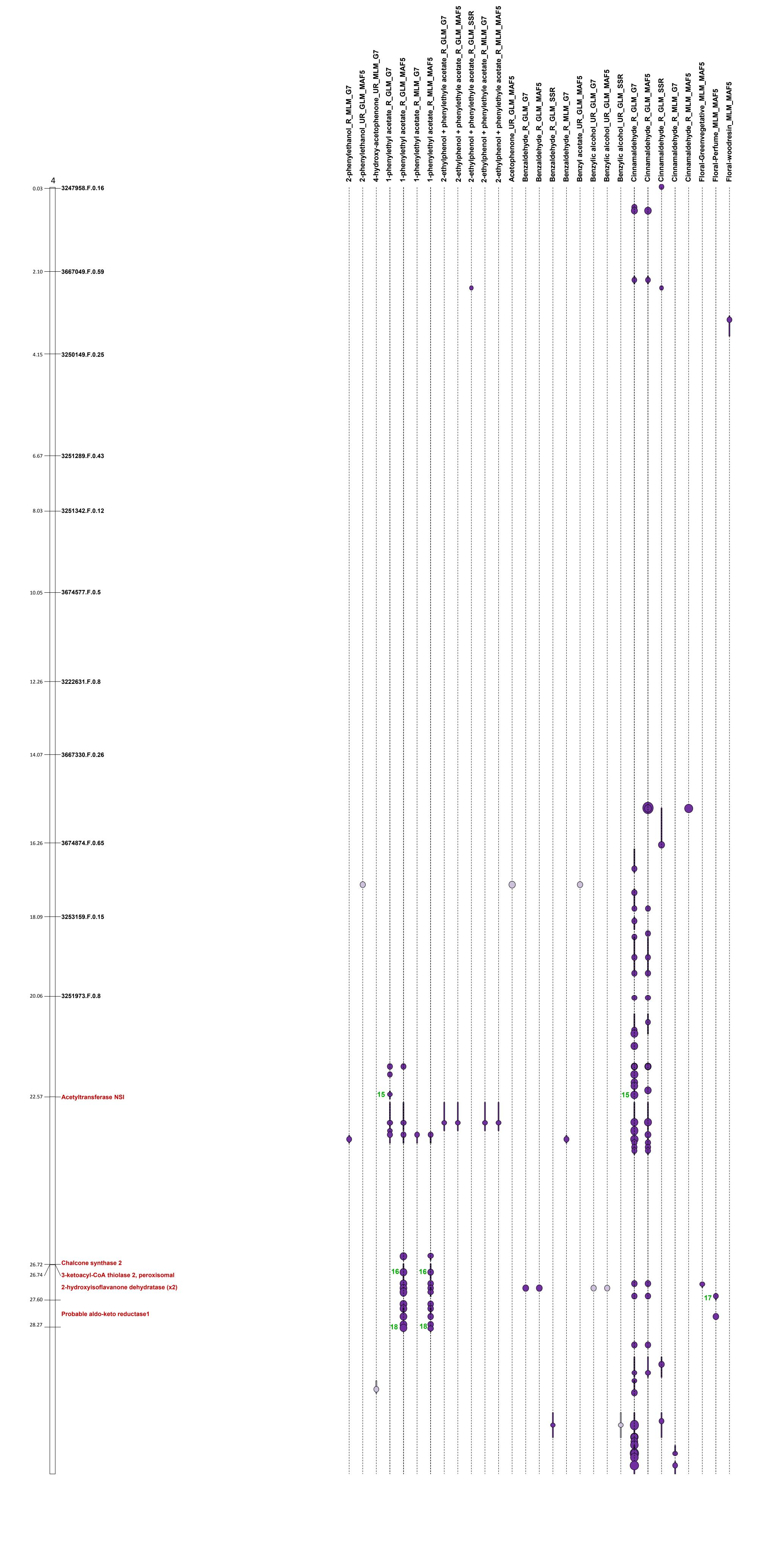
| 0.06 | −3677132.F.0.13 | 2-phenylethanol_R_GLM_MAF5 4-hvdroxv-acetophenone UR GLM MAF5 | GLM_G7 | 1-phenylethyle acetate_R_GLM_MAF5 | 1-phenylethyle acetate_R_GLM_SSR | ··· 1-phenylethyle acetate_R_MLM_MAF5 ··· 2-ethylphenol + phenylethyle acetate_R_GLM_G7 | | | acetate_R_MLM_ | Ethylphenyle acetate_R_MLM_MAF5 | Acetophenone_R_GLM_G7 | Acetophenone_R_GLM_MAF5 | Acetophenone_K_GLM_SSK Acetophenone R_MIM_G7 | Acetophenone R MLM MAF5 | Acetophenone_UR_GLM_G7 | Acetophenone_UR_GLM_MAF5 | Benzaldehyde_R_GLM_G7 | Benzaldehyde_R_GLM_MAF5 | Benzaldehyde_R_GLM_SSR | Benzaldehyde_R_MLM_MAF5 | Benzyl acetate_UR_GLM_G7 | Benzyl acetate_UR_GLM_MAF5 | Benzylic alcohol_UR_GLM_G7 | Benzylic alcohol_UR_GLM_MAF5 | benzync alconol_or_gcm_ssr Cinnamaldehyde_R_GLM_G7 | Cinnamaldehyde_R_GLM_MAF5 | Cinnamaldehyde_R_GLM_SSR | Cinnamaldehyde_R_MLM_G7 | Cinnamaldehyde_R_MLM_MAF5 Floral-Lightwood_MLM_G7 | Floral-Lightwood_MLM_MAF5 | Floral-Otherspice_MLM_MAF5 | Floral-Tobacco_MLM_MAF5 |
|-------|--|---|--------|-----------------------------------|----------------------------------|--|----|---|----------------|---------------------------------|---|-------------------------|---|-------------------------|------------------------|--------------------------|---|-------------------------|------------------------|-------------------------|--------------------------|----------------------------|----------------------------|------------------------------|---|---------------------------|--------------------------|-------------------------|--|---------------------------|----------------------------|-------------------------|
| | -Aldehyde dehydrogenase family 3 member F1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2.04 | ─3254626.F.0.28 | | 10 | 10 | | | | | | | | | | | | 1 | 0 10 | 0 | 10 | 10 | | | | | 10 | 10 | | | | | | |
| 3.11 | – Probable cinnamyl alcohol dehydrogenase 7/8 (x2) | | 11 | 11 | | 11 | 11 | | | 11 | 11 | | | | | 11 | 8 • • • • • • • • • • • • • • • • • • • | | 11 | 11 | | | | | 11 | 11 | | | 11 | | | |
| | | | | | • | | | • | | | | | | | | | | | | | | | | | | | | | | | • | • |
| 6.04 | —Shikimate kinase 1, chloroplastic | | 12 | 12 | | | | | | | | | | | | | | • | | | | | | | 12 | 12 | | | | | | |
| 7.12 | –Alcohol dehydrogenase 1 (x2) | | 13 | 13 13 | | 13 | 13 | | | 1: | () () () () () () () () () () () () () () | 3 | 13 | 13 |) | 1 | 3 1: | 3 | 13 | | | | | | 13 | 13 | 13 | | | | | |
| 8.12 | ─3677069.F.0.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10.02 | —3227331.F.0.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12.20 | —3229094.F.0.58 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14.16 | ─4744067.F.0.42 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16.16 | ─3253737.F.0.16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18.55 | ─3667835.F.0.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20.14 | ─3228395.F.0.27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22.09 | ─3227601.F.0.45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24.18 | ─3231822.F.0.43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26.18 | ─3223506.F.0.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28.08 | —3226879.F.0.54 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30.03 | ─3675237.F.0.36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32.04 | ─3249544.F.0.57 | | | | | | | | | | | | | | | | | | • | | | | | | | | | | | | | |
| 34.02 | ─3249913.F.0.36 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 3674760.F.0.30 | | | | | | |
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| 38.06 ———3222767.F.0.54 | |
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| 40.03 —— 3251100.F.0.25 41.19 —— 3251950.F.0.41 | |

| | J R | R_GLM_MAF5 | _GLM_MAF5 | acetate_R_GLM_ | nyle acetate_R_GLM_SSR 7 | MAF5 | MAF5 | _G7 MAF5 | | SSR G7 | 1 _G7 | 1_MAF5 1_SSR | _ _G7 MAF5 | SSR | MAF5 | | | | | | | φ | -13 |
|--|----------|---|---|----------------|------------------------------|-------------------|--------|--|-------------------|--|----------------------------|--|---|-------------------|---|--|--|--|--|--|--|-----------------------------|-----|
| 3 0.20 — 3223090 F.0.39 | ophenone | 1-phenylethyle acetate_R_ 1 phonylothylo 2001210 B | enyletinyle acetate_ enylethyle acetate_ | + | 2-ethylphenol + phenylethyle | 0 0 2 2 1 2 | UR_GLI | Benzaldehyde_R_GLM_G7 Benzaldehvde_R_GLM_MA | ַבְּיְ צַיְ מַ | Benzyl acetate_UR_GLM_SSRBenzyl acetate_UR_MLM_G7 | Benzylic alcohol_UR_GLM_G7 | ···· Benzylic alcohol_UR_GLM_MA ···· Benzylic alcohol_UR_GLM_SS | Cinnamaldehyde_R_GLM_G7 Cinnamaldehyde_R_GLM_MAI | ין אין אין אין | Cinnamaidenyde_K_MLM_N Floral-Perfume_MLM_MAF5 | | | | | | | FIOral-Pertume_IVILIVI_IVIA | |
| 0.20 | | | | | | | | | | | | | | | | | | | | | | | |
| 4.36 3240349.F.0.35 | | | | | | | | | | | | | | | | | | | | | | | |
| 6.14 3251626.F.0.48 | | | | | | | | | | | | (| | | | | | | | | | | |
| 8.29 —— 3249093.F.0.11 | | | | | | | | | | | | | | | | | | | | | | | |
| 10.32 —— 3229351.F.0.32 | | | | | | | | | | | | | | | | | | | | | | | |
| 12.19 3252636.F.0.20 14.17 3234913.F.0.16 | | | | | | | | | | | | | | | | | | | | | | | |
| 16.29 —— 3230995.F.0.11 | | | | | | | | | | | | | | | | | | | | | | | |
| 18.34 —— 3228117.F.0.43 | | | | | | | | | | | | | | | | | | | | | | | |
| 20.65 —— 3253489.F.0.51 | | | | | | | | | | | | | | • | | | | | | | | | |
| 22.03 —— 3230350.F.0.11 | | | | | | | | | | | | | | | | | | | | | | | |
| 24.32 | | | | | | | | | | | | | | | | | | | | | | | |
| 28.04 — 3254090.F.0.52 | | | | | | | | | | | | | | | | | | | | | | | |
| 30.01 3252075.F.0.18 | | | | | | | | | | | | | | | | | | | | | | | |
| 32.01 3253701.F.0.21 | | | | | | | | | | | | •••••••••••••••••••••••••••••••••••••• | | | | | | | | | | | |
| 34.02 ———————————————————————————————————— | | | | | | | | | | | | | | | | | | | | | | | |
| 36.00 ——3231163.F.0.27 | | | | | | | | | I | | | ······ | | | | | | | | | | | |



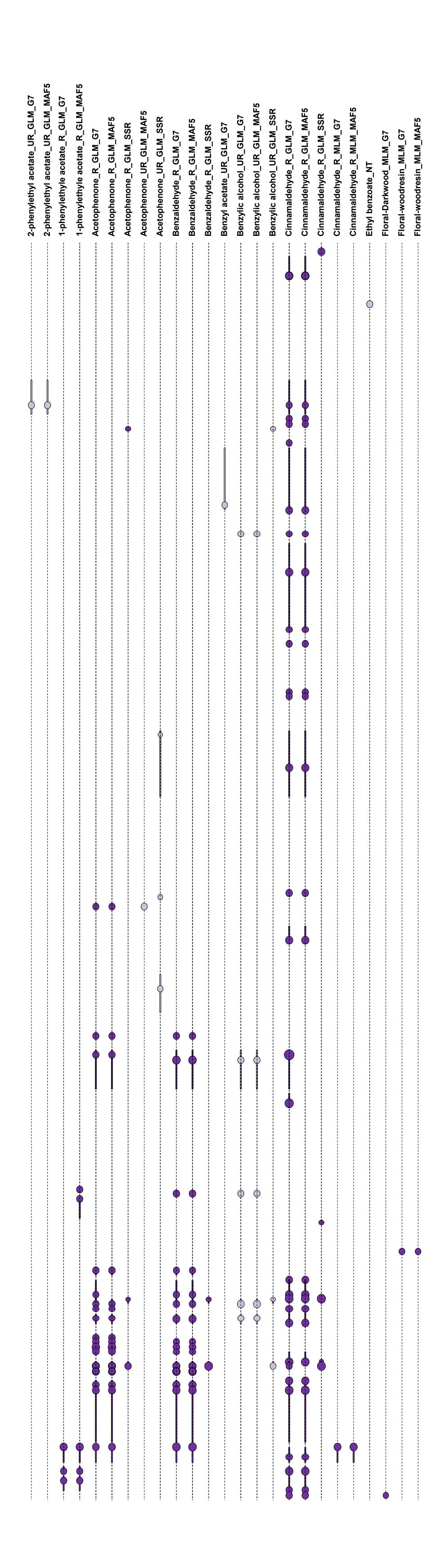
| | | 2-Phenylethanol_UR_GLM_MAF5 | a, | 2-phenylethyl acetate_UR_GLM_G7 | 2-phenylethyl acetate_UR_GLM_MAF5 | 4-hydroxy-acetophenone_UR_GLM_MAF5 | roxy-acetophenone_UR_MLM_G7 | <u>ခ</u> ြ | 1-phenylethyle acetate_R_GLM_MAF5 1-phenylethyle acetate_R_MLM_MAF5 | | Acetophenone_UR_GLM_G/ Acetophenone_UR_GLM_MAF5 | ٦. ا | _R_GLM | Benzaldehyde_R_GLM_MAF5 | acetate UR GLM | acetate_UR_GLM_ | rl acetate_UR_MLM_MAF5 | lic alcohol_UR_GLM_G7 | alcohol_UR_ | alcohol_UR | בי ^י נ | Cinnamaidenyde_K_GLM_MAF5 Cinnamaidehyde_R_GLM_SSR | ֓֞֝֓֓֓֓֓֓֓֓֓֟֝֟֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓֓ | Ethyl benzoate_UR | |
|------------|---|-----------------------------|-------|---------------------------------|-----------------------------------|------------------------------------|-----------------------------|-------------|--|---|--|---------|--------|-------------------------|----------------|-----------------|------------------------|-----------------------|-------------|--|-------------------|---|---|-------------------|--|
| 0.00 | 3248280.F.0.37 | 2-Phe | 2-Phe | 2-phei | 2-phei | 4-hydi | 4-hydroxy | 4-hydi | 1-phei | | Aceto | Aceto | Benza | Benza | Benzyl | Benzyl | Benzyl | Benzylic | Benzylic | Benzylic | Cinna | Cinna | Cinna | Ethyl I | |
| / = | Aldehyde oxidase GLOX Aldo-keto reductase family 4 member C9 (x4) Aldo-keto reductase family 4 member C8 (x2) | | | | 19 | | 19 | | | | 19 20 | 199 | | | 19 | | 920 | | | 20 | 200 | | | | |
| 2.98 —— | —Phenylalanine ammonia-lyase | | | | | | | | | (| • | | | | • |) | | | | 21 | 21 | | | | |
| 4.04 | 3231459.F.0.38 | | | | | | | | | | | | • | | | | | | | | | | | | |
| 6.02 —— | ──3247315.F.0.18 | | | | | | | | • | | | | | | | | | | Φ | | | | | | |
| 8.10 | ──3253285.F.0.58 | | | | | | | | | | | | | | | | | | | | | | | | |
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| 12.21 | 3229869.F.0.12 | | | | | | | | | | | | | | | | | | | | | | | | |
| 14.25 | ──3247360.F.0.65 | | | | | • | | | | | | | | | | | | | | | | | | | |
| 16.54 | 3229192.F.0.14 | | | | | | | | | | | | | | | | | | | | | | | | |
| 18.02 | 3252286.F.0.32 | | | | | | | | | | | | | | | | | | | | | | | | |
| 20.03 | ─3234143.F.0.17 | | | | | | | | | | | | | | | | | | | | | | | | |
| 22.16 | ─3229629.F.0.21 | | | | | | | | | | | | | | | | | | | | | | | | |
| 24.15 —— | ──3232175.F.0.23 | | | | | | | | | | | | | | | | | | | | | | | | |
| 26.00 | ──3675283.F.0.42 | | | | | | 0 | | | | | | | | | | | | | \oplus | | | | | |
| 28.03 | ──3223068.F.0.11 | | | | | <u> </u> | | | | | | | | | | 0 | | | | ······································ | | | | | |
| | —Alcohol dehydrogenase-like 6 | | | • | | | | | | | | 22 | 22 | • | | | | | | | | | | | |
| | — 3247825.F.0.45 — Cytochrome P450 89A2 — Cytochrome P450 89A9 Cytochrome P450 89A2 (x4) | 6 | 6 | | | | | | | | | | | | | | | | | | | | | | |
| | 4735710.F.0.19 | | | | | | | | | | | | | | | | | | | | | | | | |
| 36.01 | —3250437.F.0.49 | | | | | | | | | | | | | | | | | | | | • | | | | |

38.01 **3250743.F.0.9**

39.35 — **18681789.F.0.46**

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| 0.13 | 3251640.F.0.67 |
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| 2.05 | 4737528.F.0.11 |
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| 4.17 | |
| 4.17 — | 3251521.F.0.12 |
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| 6.02 | 3248707.F.0.40 |
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| 8.11 | 3667681.F.0.38 |
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| 10.17 | 3249943.F.0.26 |
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| 12.02 — | 3237149.F.0.5 |
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| 14.20 — | 3250973.F.0.14 |
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| 16.02 | ——3247115.F.0.23 |
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| 18.06 — | 3232856.F.0.66 |
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| 20.02 | 3228257.F.0.63 |
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| 22.01 | 3251033.F.0.45 |
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| 24.37 | 3247986.F.0.26 |
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26.20 **3248243.F.0.28**



| 7 0.06—3248986.F.0.57 | - 2-Phenylethanol_UR_GLM_MAF5 | - 2-Phenylethanol_UR_MLM_MAF5 | - 4-Hydroxy-acetophenone_UR_GLM_MAF5 | - 4-Hydroxy-acetophenone_UR_MLM_MAF5 | - 1-phenylethyl acetate_R_GLM_G7 | - 1-phenylethyl acetate_R_GLM_MAF5 | - Acetophenone_R_GLM_MAF | - Acetophenone_UR_GLM_MAF | - Acetophenone_UR_MLM_MAF; | - Benzaldehyde_R_GLM_MAF5 | - Benzaldehyde_UR_GLM_MAF | - Benzyl acetate_UR_GLM_G7 | - Benzyl acetate_UR_GLM_MAF5 | - Benzyl acetate_UR_MLM_MAF5 | \sim | Cinnamaldehyde_R_GLM_G7Cinnamaldehyde_R_GLM_MAF |
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| 0.06 | | | | | | | | | | | | | | | | |
| 2.06 ——GDSL esterase/lipase At1g28570 | | 2 | 312 | 3 1 | | | • | 23 | 23 | • | | 2 | 3 2 | 3 | | |
| 4.00 ——————————————————————————————————— | • | | | | | | | | | | | | | | | |
| 6.13 ———————————————————————————————————— | | | | | | | | | | | | | | | 8 | |
| 8.09 —— 3675297.F.0.5 | | | | | | | | | | | | | | | | |
| 10.14 —— 3248317.F.0.21 | | | | | | | | | | | | | | | | |
| 12.09 —— 3225367.F.0.46 | | | | | | | | | | | | | | | | |
| 14.56 3227398.F.0.39 | | | | | | | | | | | | | | | | |
| 15.81 —— 3239533.F.0.14 | | | | | | | | | | | | | | | | |
| 17.76 ——3248984.F.0.39 | | | | | | | | | | | | | | | | |
| 20.16 —— 4744485.F.0.54 | | | | | | | | | | | | | | | | |
| 21.03 ——3247971.F.0.5 | | | | | | | | | | | | | | | | |
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| 25.55 —— 3251243.F.0.37 | | | | | | | | | | | | | | | | |



| | −3674812.F.0.32 −3254020.F.0.59 | | |) : | | | Acetophenone R GLM G7 | | | | Benzaldehyde_R_GLM_G7 | Bonzaldehyde_R_GLM_MAF5 | Benzyl acetate IIR GIM MAF5 | | | Benzylic alcohol_UR_GLM_G7 | Benzylic alcohol_UR_GLM_MAF5 | ····································· | | ▶ | Floral-woodresin_MAF5 |
|-------|--|--|--|-----|------|------|---------------------------|----|------|------|-----------------------|-------------------------|-----------------------------|----|---|----------------------------|------------------------------|---------------------------------------|---|--------------|---------------------------|
| 6.07 | —3-hydroxyisobutyryl-CoA hydrolase-like protein 3, mitochondrial | | | | | | | | | | | | | | 2 | 29 2 | 9 | | | 29 | |
| 8.17 | 3225480.F.0.10 | | | | | | | | | | | | | | | | | | • | | |
| 10.16 | 3251703.F.0.22 | | | | | | | | | | | | | | | | | | | | |
| 13.84 | —3249997.F.0.10 | | | | | | | | | | | | | | | | | | | | |
| 17.11 | ─3248496.F.0.12 | | | | | | | | | | | | | | | | | | | | |
| 20.31 | —7361968.F.0.47 | | | | | | | | | | | | | | | | | | | | |
| 23.30 | -3251729.F.0.18 Feruloyl CoA ortho-hydroxylase 2 | | | | | | | 30 | | | 30 | | | 30 | | | | | | | |
| 26.44 | —3249888.F.0.28 | | | | | | | | | | | | | | | | | | | | |
| 28.86 | —3676286.F.0.13 | | | | | | | | | | | | | | | | | | | | |
| 30.16 | —3246680.F.0.24 | | | | | | | | | | | | | | | | | 1 | | | |
| 32.38 | ─3223825.F.0.61 | | | | | | | | | | | | | | | | | | | | |
| 34.07 | —3227179.F.0.28 | | | | | | | | | | | | | | | | | | | | |
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