

ELOVL2 gene polymorphisms are associated with increases in plasma eicosapentaenoic and docosahexaenoic acid proportions after fish oil supplement

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Online resource 3 Characteristics of 3-locus haplotypes

| Haplotype number | <i>ELOVL2</i> SNP | | | Haplotype frequency % |
|-------------------------|-------------------|-----------|----------|-----------------------|
| | rs3734398 | rs2236212 | rs953413 | |
| Haplotype 1 (Reference) | 1 | 1 | 1 | 50.4 |
| Haplotype 2 | 2 | 2 | 2 | 45.1 |
| Haplotype 3 | 1 | 1 | 2 | 2.7 |
| Haplotype 4 | 2 | 1 | 2 | 1.6 |
| Haplotype 5 | 1 | 2 | 2 | 0.2 |

Estimated reconstructed haplotype frequencies under linkage disequilibrium based on 255 subjects with no missing genotype data.

1 = major allele; 2 = minor allele.