**Table S1.** The potential targets of DHA are predicted by the STITCH database.

|  |  |  |
| --- | --- | --- |
| Proteins | | Score \* |
| TNFSF10B | tumor necrosis factor receptor superfamily, member 10 | 0.835 |
| UGT1A9 | UDP glucuronosyltransferase 1 family, polypeptide A9 | 0.822 |
| CYP3A4 | cytochrome P450, 3A4 | 0.745 |
| CYP2C19 | cytochrome P450, 2C19 | 0.729 |
| CASP3 | caspase 3 | 0.728 |
| CYP1A2 | cytochrome P450, 1A2 | 0.725 |
| TP53 | tumor protein p53 | 0.700 |
| UGT1A7 | UDP glucuronosyltransferase 1 family, polypeptide A7 | 0.579 |
| UGT1A10 | UDP glucuronosyltransferase 1 family, polypeptide A10 | 0.579 |
| UGT1A1 | UDP glucuronosyltransferase 1 family, polypeptide A1 | 0.579 |

Note: \* score > 0.9 the relationship is very reliable, > 0.7 the relationship is more reliable；> 0.4 the relationship is reliable.