**Supporting Information**

**Bioactive Components and Mechanism of Wuwei Xiaodu Decoction in Mitigating LPS-Induced Inflammation in RAW264.7 Macrophages**

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| **Fig S1.** The analysis report of LC/MS. Comparing the LC-MS results with the molecular weights of compounds in the literature, 7 compounds were confirmed |

**Table S1.** The analysis report of GC/MS

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| --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Component Name** | **Retention Time** | **Reference m/z** | **TIC** | **Formula (mol ion)** | **CAS No.** | **HRF Score** |
| 1 | 2,4-Di-tert-butylphenol | 13.347 | 191.143 | 1.12E+10 | C14H22O | 96-76-4 | 98.3847 |
| 2 | Mandelic acid, 3,4-dimethoxy-, methyl ester | 14.708 | 167.0703 | 3.83E+09 | C11H14O5 | 2911-73-1 | 96.7867 |
| 3 | 1-Hexadecanol | 14.375 | 69.06995 | 2.34E+09 | C16H34O | 36653-82-4 | 99.8649 |
| 4 | 2(4H)-Benzofuranone, 5,6,7,7a-tetrahydro-4,4,7a-trimethyl-, (R)- | 13.675 | 111.0442 | 2.08E+09 | C11H16O2 | 17092-92-1 | 98.9506 |
| 5 | 1-Eicosanol | 16.571 | 69.06995 | 2E+09 | C20H42O | 629-96-9 | 98.8406 |
| 6 | Undecane, 2,3-dimethyl- | 12.031 | 43.05426 | 1.97E+09 | C13H28 | 17312-77-5 | 99.6555 |
| 7 | 2-Butenoic acid, 2-methyl-, dodecahydro-8-hydroxy-8a-methyl-3,5-bis(methylene)-2-oxonaphtho[2,3-b]furan-4-yl ester, [3ar-[3a.alpha.,4.alpha.(Z),4a.alpha.,8.beta.,8a.beta.,9a.beta.]]- | 23.779 | 55.05436 | 1.74E+09 | C20H26O5 | 34226-89-6 | 96.2045 |
| 8 | Nonadecane | 14.465 | 43.05426 | 1.52E+09 | C19H40 | 629-92-5 | 99.811 |
| 9 | n-Hexadecanoic acid | 18.242 | 87.0441 | 1.38E+09 | C16H32O2 | 1957-10-3 | 99.516 |
| 10 | 9-Octadecene, (E)- | 11.923 | 69.06995 | 1.28E+09 | C18H36 | 7206-25-9 | 99.7997 |
| 11 | Reynosin | 19.841 | 81.06996 | 1.24E+09 | C15H20O3 | 28254-53-7 | 98.6747 |
| 12 | 1-Tetracosene | 18.565 | 69.06995 | 1.17E+09 | C24H48 | 10192-32-2 | 99.3103 |
| 13 | 1H-Indene-1-methanol, .alpha.-methyl-, acetate | 10.688 | 141.0701 | 1.13E+09 | C13H14O2 | 63839-85-0 | 93.2261 |
| 14 | 9,12,15-Octadecatrienoic acid, (Z,Z,Z)- | 19.881 | 93.06989 | 1.12E+09 | C18H30O2 | 463-40-1 | 98.0374 |
| 15 | Tridecane | 10.706 | 43.05426 | 1.01E+09 | C13H28 | 629-50-5 | 98.2173 |
| 16 | Spirafolide | 18.363 | 123.0806 | 9.65E+08 | C15H18O3 | 130838-06-1 | 96.9776 |
| 17 | Matricarin | 20.465 | 244.1094 | 7.34E+08 | C17H20O5 | 5989-43-5 | 99.6799 |
| 18 | 3,5-di-tert-Butyl-4-hydroxyphenylpropionic acid | 18.44 | 263.1642 | 6.14E+08 | C17H26O3 | 20170-32-5 | 97.2397 |
| 19 | Estafiatin | 19.149 | 231.1016 | 5.91E+08 | C15H18O3 | 10180-89-9 | 96.3565 |
| 20 | (E)-2-(Hepta-2,4-diyn-1-ylidene)-1,6-dioxaspiro[4.4]non-3-ene | 17.86 | 115.0544 | 5.63E+08 | C14H14O2 | 206062-17-1 | 96.4511 |
| 21 | Dibutyl phthalate | 18.175 | 149.0233 | 5.57E+08 | C16H22O4 | 84-74-2 | 98.7463 |
| 22 | 2aS,3aR,5aS,9bR)-2a,5a,9-Trimethyl-2a,4,5,5a,6,7,8,9b-octahydro-2H-naphtho[1,2-b]oxireno[2,3-c]furan | 19.05 | 201.1274 | 5.45E+08 | C15H22O2 | 352457-43-3 | 96.9057 |
| 23 | Cyclopropanecarboxylic acid, 2,2-dimethyl-3-(2-methyl-1-propenyl)-, (1R-trans)- | 11.187 | 109.1014 | 5.37E+08 | C10H16O2 | 4638-92-0 | 98.0996 |
| 24 | 5-Isopropyl-2-methylphenethyl acetate | 11.007 | 105.0701 | 5.35E+08 | C14H20O2 | 27913-43-5 | 98.5837 |
| 25 | Benzene, 1,3-bis(1-methylethyl)- | 10.015 | 131.0857 | 5.29E+08 | C12H18 | 99-62-7 | 98.2743 |
| 26 | Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, methyl ester | 17.937 | 147.0807 | 5.29E+08 | C18H28O3 | 6386-38-5 | 97.0079 |
| 27 | Ambrosin | 19.369 | 135.0806 | 4.96E+08 | C15H18O3 | 509-93-3 | 99.5393 |
| 28 | 9-Octadecenamide, (Z)- | 21.781 | 72.04442 | 4.82E+08 | C18H35NO | 301-02-0 | 96.4651 |
| 29 | Santamarine | 20.285 | 107.0857 | 4.61E+08 | C15H20O3 | 4290-13-5 | 99.6899 |
| 30 | 7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2,8-dione | 17.699 | 91.05432 | 4.24E+08 | C17H24O3 | 82304-66-3 | 99.3368 |
| 31 | 4-Hydroxy-.beta.-ionone | 14.829 | 105.0336 | 4.05E+08 | C13H20O2 | 116296-75-4 | 98.2155 |
| 32 | Achillicin | 20.083 | 246.1251 | 4.01E+08 | C15H18O3 | 71616-00-7 | 94.2258 |
| 33 | 5-Androstene-3.beta.,16.alpha.,17.alpha.-triol | 20.168 | 91.05432 | 3.76E+08 | C19H30O3 | 23409-40-7 | 98.9914 |
| 34 | 2-Naphthalenol, 1,2-dihydro-, acetate | 9.099 | 128.0621 | 3.71E+08 | C12H12O2 | 132316-80-4 | 96.2006 |
| 35 | Cyclopropanecarboxylic acid, 3-(3-methoxy-2-methyl-3-oxo-1-propenyl)-2,2-dimethyl-, 3-(2-butenyl)-2-methyl-4-oxo-2-cyclopenten-1-yl ester, [1R-[1.alpha.[S\*(Z)],3.beta.(E)]]- | 12.979 | 121.1013 | 3.69E+08 | C21H28O5 | 121-20-0 | 99.5262 |
| 36 | Fenazaquin | 11.946 | 145.1014 | 3.63E+08 | C20H22N2O | 120928-09-8 | 98.2480 |
| 37 | Andrographolide | 17.77 | 105.0701 | 3.58E+08 | C20H30O5 | 5508-58-7 | 99.3628 |
| 38 | 1-((1S,3aR,4R,7S,7aS)-4-Hydroxy-7-isopropyl-4-methyloctahydro-1H-inden-1-yl)ethanone | 16.01 | 135.0806 | 3.33E+08 | C15H26O2 | 1911-78-0 | 99.6522 |
| 39 | (1R,7S,E)-7-Isopropyl-4,10-dimethylenecyclodec-5-enol | 16.863 | 91.05432 | 3.14E+08 | C15H24O | 81968-62-9 | 95.0802 |
| 40 | 2,6-Dimethyl-4-nitro-3-phenyl-cyclohexanone | 10.603 | 131.0857 | 3.12E+08 | C14H17NO3 | 101328-12-5 | 98.1429 |
| 41 | Benzene, (1-methylpentyl)- | 10.14 | 105.0701 | 2.56E+08 | C12H18 | 6031-2-3 | 96.0957 |
| 42 | (2R,3R,4aR,5S,8aS)-2-Hydroxy-4a,5-dimethyl-3-(prop-1-en-2-yl)-2,3,4,4a,5,6-hexahydronaphthalen-1(8aH)-one | 17.568 | 91.05432 | 2.54E+08 | C15H22O2 | 5090-89-1 | 99.0385 |
| 43 | 2(3H)-Benzofuranone, 6-ethenylhexahydro-6-methyl-3-methylene-7-(1-methylethenyl)-, [3aS-(3a.alpha.,6.alpha.,7.beta.,7a.beta.)]- | 20.362 | 91.05432 | 2.2E+08 | C15H20O2 | 28290-35-9 | 96.2743 |
| 44 | Benzene, 4-ethenyl-1,2-dimethyl- | 8.528 | 117.0699 | 2E+08 | C10H12 | 27831-13-6 | 97.5598 |
| 45 | 1-Decanol, 2-hexyl- | 10.298 | 43.05426 | 1.95E+08 | C16H34O | 2425-77-6 | 99.5010 |
| 46 | 1,3-Dioxolane-4-methanol, 2-pentadecyl-, acetate, trans- | 12.206 | 43.05426 | 1.95E+08 | C21H40O4 | 30889-32-8 | 99.4329 |
| 47 | Benzene, pentamethyl- | 9.238 | 133.1013 | 1.92E+08 | C11H16 | 700-12-9 | 97.6114 |
| 48 | 1-Octanol, 2-butyl- | 12.143 | 43.05426 | 1.82E+08 | C12H26O | 3913-2-8 | 97.9591 |
| 49 | (3R,3aR,4aR,8aR,9aR)-3,8a-Dimethyl-5-methylene-3,3a,4,4a,5,6,9,9a-octahydronaphtho[2,3-b]furan-2(8aH)-one | 17.155 | 119.0857 | 1.8E+08 | C15H20O2 | 66964-62-3 | 97.7411 |
| 50 | Phenylethyl Alcohol | 7.958 | 91.05432 | 1.78E+08 | C8H10O | 1920-12-8 | 98.7593 |
| 51 | Benzene, 1,4-diethyl-2-methyl- | 8.393 | 117.0699 | 1.71E+08 | C11H16 | 13632-94-5 | 98.8140 |
| 52 | Benzene, (1,1-diethylpropyl)- | 11.178 | 91.05432 | 1.66E+08 | C13H20 | 4170-84-7 | 99.7057 |
| 53 | Benzene, 1,4-dimethyl-2-(2-methylpropyl)- | 10.374 | 119.0857 | 1.62E+08 | C12H18 | 55669-88-0 | 99.3787 |
| 54 | 2-Ethyl-2,3-dihydro-1H-indene | 9.768 | 117.0699 | 1.61E+08 | C11H14 | 56147-63-8 | 92.1573 |
| 55 | Cyclohexane, 1,4-didecyl- | 16.513 | 69.06995 | 1.55E+08 | C26H52 | 55334-20-8 | 96.4811 |
| 56 | Azuleno[4,5-b]furan-2(3H)-one, decahydro-3,6,9-tris(methylene)-, [3aS-(3a.alpha.,6a.alpha.,9a.alpha.,9b.beta.)]- | 18.763 | 145.1014 | 1.52E+08 | C15H18O2 | 477-43-0 | 97.7990 |
| 57 | (1aR,4aS,8aS)-4a,8,8-Trimethyl-1,1a,4,4a,5,6,7,8-octahydrocyclopropa[d]naphthalene-2-carbaldehyde | 15.494 | 91.05432 | 1.49E+08 | C15H22O | 470-41-7 | 98.7411 |
| 58 | 5.alpha.-Androstan-17-one, 3.alpha.,11.beta.-dihydroxy-, 3-acetate | 20.627 | 91.05432 | 1.32E+08 | C21H32O4 | 1516-42-3 | 99.5244 |
| 59 | Bicyclo[2.2.1]heptan-2-one, 5-hydroxy-4,7,7-trimethyl- | 11.052 | 109.0649 | 1.28E+08 | C10H16O2 | 39850-78-7 | 93.5462 |
| 60 | Spiro[3.6]deca-5,7-dien-1-one,5,9,9-trimethyl | 8.676 | 105.0701 | 1.26E+08 | C13H18O | 81532-19-6 | 98.8329 |
| 61 | Cyclic octaatomic sulfur | 19.243 | 159.8598 | 1.22E+08 | S8 | 10544-50-0 | 92.0442 |
| 62 | Nonacos-1-ene | 23.68 | 69.06995 | 1.17E+08 | C29H58 | 18835-35-3 | 97.7386 |
| 63 | Benzene, 2,4-dimethyl-1-(1-methylpropyl)- | 9.628 | 133.1013 | 1.16E+08 | C12H18 | 1483-60-9 | 95.1763 |
| 64 | 5H-Benzocycloheptene,6,7,8,9-tetrahydro- | 9.552 | 104.0621 | 1.11E+08 | C11H14 | 1075-16-7 | 94.1186 |
| 65 | 1H-Indene, 2,3-dihydro-4,7-dimethyl- | 10.459 | 131.0857 | 1.1E+08 | C11H14 | 6682-71-9 | 92.2373 |
| 66 | Benzene, (1-methylbutyl)- | 8.578 | 105.0701 | 1.09E+08 | C11H16 | 2719-52-0 | 99.1950 |
| 67 | Pentadecane, 2,6,10-trimethyl- | 14.541 | 43.05426 | 1.08E+08 | C18H38 | 3892-00-0 | 91.2515 |
| 68 | Benzene, 1-ethyl-3,5-dimethyl- | 8.083 | 119.0857 | 1.01E+08 | C10H14 | 934-74-7 | 98.6506 |
| 69 | 2-Methylhexacosane | 27.372 | 43.05426 | 98922844 | C27H56 | 1561-02-0 | 99.7874 |
| 70 | Tetradecanoic acid, 2-oxo-, methyl ester | 17.285 | 123.0806 | 91193613 | C15H28O3 | 55682-82-1 | 96.7498 |
| 71 | Thymyl isobutyrate | 10.836 | 43.05426 | 88309428 | C14H20O2 | 5451-67-2 | 95.2398 |
| 72 | 1,1-Diphenyl-2-propanol | 13.136 | 168.0935 | 87649946 | C15H16O | 29338-49-6 | 94.2021 |
| 73 | 2-Cyclohexen-1-one, 2,4,4-trimethyl-3-(3-oxo-1-butenyl)- | 15.148 | 163.112 | 85443449 | C13H18O2 | 27185-77-9 | 94.0284 |
| 74 | Propanoic acid, 2-methyl-, (dodecahydro-6a-hydroxy-9a-methyl-3-methylene-2,9-dioxoazuleno[4,5-b]furan-6-yl)methyl ester, [3aS-(3a.alpha.,6.beta.,6a.alpha.,9a.beta.,9b.alpha.)]- | 24.035 | 83.04916 | 82739702 | C19H26O6 | 33649-17-1 | 99.4040 |
| 75 | Heptadecane | 16.261 | 71.08564 | 82495913 | C17H36 | 629-78-7 | 96.4532 |
| 76 | Hexylresorcinol | 14.779 | 123.0806 | 77172271 | C12H18O2 | 136-77-6 | 97.7635 |
| 77 | Naphthalene, 1,2,3,4-tetrahydro- | 8.73 | 104.0621 | 72651912 | C10H12 | 119-64-2 | 95.0614 |
| 78 | Benzene, 1-methyl-4-(1-methylpropyl)- | 8.901 | 119.0857 | 72238767 | C11H16 | 1595-16-0 | 97.0682 |
| 79 | 7-Tetradecanol | 9.161 | 69.06995 | 68420014 | C14H30O | 3981-79-1 | 99.2515 |
| 80 | Benzene, 1,4-diethyl- | 6.935 | 105.0701 | 61478792 | C10H14 | 105-05-5 | 99.1534 |
| 81 | Methanone, (1-hydroxycyclohexyl)phenyl- | 15.534 | 81.06996 | 60715347 | C13H16O2 | 947-19-3 | 94.9942 |
| 82 | Heptadecane, 2,3-dimethyl- | 15.812 | 43.05426 | 58298118 | C19H40 | 61868-03-9 | 98.9119 |
| 83 | Benzene, 1,2,3,5-tetramethyl- | 8.029 | 119.0857 | 58005733 | C10H14 | 527-53-7 | 98.3731 |
| 84 | (S,E)-2,5-Dimethyl-4-vinylhexa-2,5-dien-1-yl acetate | 7.827 | 119.0857 | 57313364 | C12H18O2 | 20384-05-8 | 99.8807 |
| 85 | Methyl nicotinate | 8.367 | 136.0394 | 53231128 | C7H7NO2 | 93-60-7 | 96.4601 |
| 86 | trans-Verbenyl isovalerate | 8.762 | 119.0857 | 51001075 | C15H24O2 | 57412-35-8 | 98.2802 |
| 87 | Benzoic acid, 4-(4-butylcyclohexyl)-, 2,3-dicyano-4-(pentyloxy)phenyl ester | 18.327 | 243.2109 | 42740946 | C30H36N2O3 | 75941-91-2 | 98.2708 |
| 88 | 4-tert-Butoxystyrene | 9.494 | 120.0571 | 41664822 | C12H16O | 95418-58-9 | 98.6658 |
| 89 | (1R,4aR,4bS,7S,10aR)-1,4a,7-Trimethyl-7-vinyl-1,2,3,4,4a,4b,5,6,7,8,10,10a-dodecahydrophenanthrene-1-carbaldehyde | 20.775 | 131.0857 | 41096127 | C20H30O | 1686-63-1 | 97.2899 |
| 90 | Cyclooctane, (1-methylpropyl)- | 11.636 | 69.06995 | 39019340 | C12H24 | 16538-89-9 | 94.3987 |
| 91 | dl-Erythro-1-phenyl-1,2-propanediol | 6.701 | 79.05421 | 37128336 | C9H12O2 | 1075-04-3 | 98.7774 |
| 92 | 1-Phenanthrenecarboxaldehyde, 1,2,3,4,4a,9,10,10a-octahydro-1,4a-dimethyl-7-(1-methylethyl)-, [1R-(1.alpha.,4a.beta.,10a.alpha.)]- | 21.094 | 159.1169 | 35703581 | C20H28O | 13601-88-2 | 98.3201 |
| 93 | 1-Hexacosene | 25.831 | 69.06995 | 35314878 | C26H52 | 18835-33-1 | 99.5715 |
| 94 | Podocarp-7-en-3-one, 13.beta.-methyl-13-vinyl- | 23.222 | 145.1014 | 31168255 | C20H30O | 7715-48-2 | 96.4472 |
| 95 | Benzene, (butoxymethyl)- | 7.075 | 91.05432 | 30985635 | C11H16O | 588-67-0 | 99.2145 |
| 96 | Decane, 4-methyl- | 9.476 | 43.05426 | 30847749 | C11H24 | 2847-72-5 | 98.6174 |
| 97 | Naphthalene, 1,2,3,4-tetrahydro-1,6-dimethyl-4-(1-methylethyl)-, (1S-cis)- | 12.902 | 159.1169 | 29400798 | C15H22 | 483-77-2 | 94.6407 |
| 98 | 1-Decen-3-one, 5-hydroxy-4-pentyl-1-phenyl-, (E)- | 9.655 | 131.0857 | 29296481 | C21H32O2 | 959035-43-9 | 97.1907 |
| 99 | Glabellin | 24.111 | 83.04916 | 28590173 | C15H18O3 | 85993-31-3 | 93.9467 |
| 100 | Benzene, 1-ethyl-2,4-dimethyl- | 7.084 | 119.0857 | 28079200 | C10H14 | 874-41-9 | 98.3897 |
| 101 | Benzene, (1,3-dimethylbutyl)- | 9.413 | 105.0701 | 25515177 | C12H18 | 19219-84-2 | 95.8531 |
| 102 | 1-Methyl-2-n-hexylbenzene | 11.609 | 105.0701 | 22436036 | C13H20 | 1595-10-4 | 95.7219 |
| 103 | 1-Ethyl-3-propyladamantane | 9.718 | 92.06199 | 21661866 | C15H26 | 19385-94-5 | 98.1098 |
| 104 | Ethyl 2-benzoylheptanoate | 13.1 | 105.0336 | 21044628 | C16H22O3 | 24317-97-3 | 98.2280 |
| 105 | 5-Hepten-2-one, 6-methyl- | 12.022 | 108.0934 | 20885603 | C8H14O | 110-93-0 | 100.0000 |
| 106 | o-Cymene | 7.386 | 119.0857 | 20629354 | C10H14 | 527-84-4 | 98.7688 |
| 107 | Benzenepropanol, .alpha.-methyl-, acetate | 7.543 | 117.0699 | 19537030 | C12H16O2 | 10415-88-0 | 98.8799 |
| 108 | Bicyclo[3.1.1]hept-3-en-2-one, 4,6,6-trimethyl- | 9.431 | 135.0806 | 19441782 | C10H14O | 80-57-9 | 98.7028 |
| 109 | 1,3-Dimethyladamantan-5-carboxylic acid, ethyl ester | 11.389 | 56.06217 | 17777715 | C15H24O2 | 63263-09-2 | 94.5099 |
| 110 | 4-Pentenoic acid, 2,2-diethyl-3-oxo-5-phenyl-, ethyl ester | 10.976 | 131.0857 | 16684498 | C17H22O3 | 337503-48-7 | 94.3974 |
| 111 | Hexanoic acid | 5.72 | 73.02844 | 16425640 | C6H12O2 | 142-62-1 | 99.3813 |
| 112 | Behenic alcohol | 22.544 | 97.10129 | 15889642 | C22H46O | 661-19-8 | 97.2802 |
| 113 | Ethanone, 1-(1H-pyrrol-2-yl)- | 7.142 | 94.02873 | 14753790 | C6H7NO | 1072-83-9 | 90.1191 |
| 114 | Hexestrol dimethyl ether | 10.518 | 149.0598 | 14206024 | C20H26O2 | 130-78-9 | 94.1777 |
| 115 | 4,5-Heptadien-2-one, 3,3,6-trimethyl- | 9.256 | 79.05421 | 13884459 | C10H16O | 81250-41-1 | 95.4599 |
| 116 | 1,2-Benzenedicarboxylic acid, dinonyl ester | 26.379 | 149.0233 | 12707766 | C26H42O4 | 84-76-4 | 98.9282 |
| 117 | 1,3,5-Cycloheptatriene, 7-ethyl- | 8.016 | 91.05432 | 12179185 | C9H12 | 17634-51-4 | 100.0000 |
| 118 | Undecane, 5-methyl- | 8.609 | 43.05426 | 12005687 | C12H26 | 1632-70-8 | 98.4886 |
| 119 | Octane | 7.061 | 43.05426 | 11662075 | C8H18 | 111-65-9 | 99.8052 |
| 120 | 2,3-Di(2-pyridyl)-2,3-butanediol | 15.561 | 123.1169 | 11125747 | C14H16N2O2 | 58052-51-0 | 93.4674 |
| 121 | Heptanoic acid | 7.277 | 73.02844 | 10905453 | C7H14O2 | 111-14-8 | 97.1660 |
| 122 | Decane, 2,9-dimethyl- | 21.893 | 71.08564 | 10732896 | C12H26 | 1002-17-1 | 94.7675 |
| 123 | Di-isononyl phthlate | 26.487 | 149.0233 | 10489741 | C26H42O4 | 20548-62-3 | 99.4426 |

**Table S2.** 85 target proteins with the highest predicted scores (above 0.99) among 123 compounds from WXD-PE

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **index** | **Ligand** | **UniProtID** | **Prediction** | **Score** | **Target\_Full\_Name** |
| 1 | TIC111 | P09917 | YES | 1.0000  | Polyunsaturated fatty acid 5-lipoxygenase |
| 2 | TIC14 | Q03181 | YES | 1.0000  | Peroxisome proliferator-activated receptor delta |
| 3 | TIC121 | P37231 | YES | 1.0000  | Peroxisome proliferator-activated receptor gamma |
| 4 | TIC11 | P11473 | YES | 1.0000  | Vitamin D3 receptor |
| 5 | TIC59 | P03372 | YES | 0.9999  | Estrogen receptor |
| 6 | TIC116 | Q8NER1 | YES | 0.9999  | Transient receptor potential cation channel subfamily V member 1 |
| 7 | TIC108 | P10275 | YES | 0.9998  | Androgen receptor |
| 8 | TIC9 | Q9Y271 | YES | 0.9998  | Cysteinyl leukotriene receptor 1 |
| 9 | TIC84 | Q16665 | YES | 0.9998  | Hypoxia-inducible factor 1-alpha |
| 10 | TIC3 | P35354 | YES | 0.9998  | Prostaglandin G/H synthase 2 |
| 11 | TIC59 | P28845 | YES | 0.9996  | Corticosteroid 11-beta-dehydrogenase isozyme 1 |
| 12 | TIC35 | P14902 | YES | 0.9996  | Indoleamine 2,3-dioxygenase 1 |
| 13 | TIC22 | P41145 | YES | 0.9996  | Kappa-type opioid receptor |
| 14 | TIC9 | P14555 | YES | 0.9996  | Phospholipase A2, membrane associated |
| 15 | TIC14 | Q07869 | YES | 0.9996  | Peroxisome proliferator-activated receptor alpha |
| 16 | TIC84 | P23219 | YES | 0.9996  | Prostaglandin G/H synthase 1 |
| 17 | TIC84 | Q13133 | YES | 0.9995  | Oxysterols receptor LXR-alpha |
| 18 | TIC59 | P42330 | YES | 0.9994  | Aldo-keto reductase family 1 member C3 |
| 19 | TIC38 | Q96RI1 | YES | 0.9994  | Bile acid receptor |
| 20 | TIC40 | P12821 | YES | 0.9993  | Angiotensin-converting enzyme |
| 21 | TIC30 | Q16236 | YES | 0.9993  | Nuclear factor erythroid 2-related factor 2 |
| 22 | TIC22 | P51681 | YES | 0.9992  | C-C chemokine receptor type 5 |
| 23 | TIC85 | P24557 | YES | 0.9991  | Thromboxane-A synthase |
| 24 | TIC62 | P32246 | YES | 0.9990  | C-C chemokine receptor type 1 |
| 25 | TIC91 | P04035 | YES | 0.9990  | 3-hydroxy-3-methylglutaryl-coenzyme A reductase |
| 26 | TIC59 | P08183 | YES | 0.9989  | ATP-dependent translocase ABCB1 |
| 27 | TIC40 | P11229 | YES | 0.9989  | Muscarinic acetylcholine receptor M1 |
| 28 | TIC108 | P04150 | YES | 0.9989  | Glucocorticoid receptor |
| 29 | TIC4 | P09038 | YES | 0.9988  | Fibroblast growth factor 2 |
| 30 | TIC108 | P08684 | YES | 0.9987  | Cytochrome P450 3A4 |
| 31 | TIC91 | P13866 | YES | 0.9987  | Sodium/glucose cotransporter 1 |
| 32 | TIC99 | P01375 | YES | 0.9987  | Tumor necrosis factor |
| 33 | TIC7 | P25116 | YES | 0.9986  | Proteinase-activated receptor 1 |
| 34 | TIC74 | O00206 | YES | 0.9985  | Toll-like receptor 4 |
| 35 | TIC61 | P27815 | YES | 0.9984  | cAMP-specific 3',5'-cyclic phosphodiesterase 4A |
| 36 | TIC111 | P08253 | YES | 0.9979  | 72 kDa type IV collagenase |
| 37 | TIC101 | Q96P20 | YES | 0.9976  | NACHT, LRR and PYD domains-containing protein 3 |
| 38 | TIC32 | P42336 | YES | 0.9976  | Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit alpha isoform |
| 39 | TIC71 | Q04206 | YES | 0.9976  | Transcription factor p65 |
| 40 | TIC4 | P16109 | YES | 0.9975  | P-selectin |
| 41 | TIC71 | P00533 | YES | 0.9967  | Epidermal growth factor receptor |
| 42 | TIC25 | Q16539 | YES | 0.9967  | Mitogen-activated protein kinase 14 |
| 43 | TIC7 | P27986 | YES | 0.9967  | Phosphatidylinositol 3-kinase regulatory subunit alpha |
| 44 | TIC26 | P31749 | YES | 0.9964  | RAC-alpha serine/threonine-protein kinase |
| 45 | TIC47 | P05067 | YES | 0.9964  | Amyloid-beta precursor protein |
| 46 | TIC115 | O14746 | YES | 0.9964  | Telomerase reverse transcriptase |
| 47 | TIC76 | P48061 | YES | 0.9963  | Stromal cell-derived factor 1 |
| 48 | TIC77 | P22001 | YES | 0.9963  | Potassium voltage-gated channel subfamily A member 3 |
| 49 | TIC123 | P19838 | YES | 0.9963  | Nuclear factor NF-kappa-B p105 subunit |
| 50 | TIC81 | Q9NPC1 | YES | 0.9961  | Leukotriene B4 receptor 2 |
| 51 | TIC61 | P42345 | YES | 0.9958  | Serine/threonine-protein kinase mTOR |
| 52 | TIC59 | P10415 | YES | 0.9955  | Apoptosis regulator Bcl-2 |
| 53 | TIC1 | P00734 | YES | 0.9955  | Prothrombin |
| 54 | TIC59 | O43353 | YES | 0.9955  | Receptor-interacting serine/threonine-protein kinase 2 |
| 55 | TIC85 | Q15109 | YES | 0.9954  | Advanced glycosylation end product-specific receptor |
| 56 | TIC23 | P29466 | YES | 0.9954  | Caspase-1 |
| 57 | TIC42 | O14684 | YES | 0.9953  | Prostaglandin E synthase |
| 58 | TIC105 | P09884 | YES | 0.9952  | DNA polymerase alpha catalytic subunit |
| 59 | TIC91 | P43116 | YES | 0.9951  | Prostaglandin E2 receptor EP2 subtype |
| 60 | TIC22 | P41597 | YES | 0.9950  | C-C chemokine receptor type 2 |
| 61 | TIC9 | Q15722 | YES | 0.9949  | Leukotriene B4 receptor 1 |
| 62 | TIC72 | P47712 | YES | 0.9947  | Cytosolic phospholipase A2 |
| 63 | TIC36 | P11712 | YES | 0.9946  | Cytochrome P450 2C9 |
| 64 | TIC61 | P43405 | YES | 0.9946  | Tyrosine-protein kinase SYK |
| 65 | TIC4 | P02768 | YES | 0.9945  | Albumin |
| 66 | TIC16 | P55055 | YES | 0.9945  | Oxysterols receptor LXR-beta |
| 67 | TIC1 | P35228 | YES | 0.9941  | Nitric oxide synthase, inducible |
| 68 | TIC77 | P28062 | YES | 0.9941  | Proteasome subunit beta type-8 |
| 69 | TIC111 | P35408 | YES | 0.9941  | Prostaglandin E2 receptor EP4 subtype |
| 70 | TIC46 | P25105 | YES | 0.9937  | Platelet-activating factor receptor |
| 71 | TIC76 | P05164 | YES | 0.9936  | Myeloperoxidase |
| 72 | TIC111 | P17706 | YES | 0.9936  | Tyrosine-protein phosphatase non-receptor type 2 |
| 73 | TIC28 | P30989 | YES | 0.9935  | Neurotensin receptor type 1 |
| 74 | TIC72 | P63000 | YES | 0.9935  | Ras-related C3 botulinum toxin substrate 1 |
| 75 | TIC72 | P63001 | YES | 0.9935  | Ras-related C3 botulinum toxin substrate 1 |
| 76 | TIC62 | P51677 | YES | 0.9932  | C-C chemokine receptor type 3 |
| 77 | TIC46 | Q04759 | YES | 0.9927  | Protein kinase C theta type |
| 78 | TIC91 | P43117 | YES | 0.9926  | Prostaglandin F2-alpha receptor |
| 79 | TIC61 | O00329 | YES | 0.9925  | Phosphatidylinositol 4,5-bisphosphate 3-kinase catalytic subunit delta isoform |
| 80 | TIC59 | P08246 | YES | 0.9923  | Neutrophil elastase |
| 81 | TIC104 | Q9Y5Y4 | YES | 0.9920  | Prostaglandin D2 receptor 2 |
| 82 | TIC111 | P37289 | YES | 0.9915  | Prostaglandin F2-alpha receptor |
| 83 | TIC50 | P13726 | YES | 0.9909  | Tissue factor |
| 84 | TIC71 | Q02127 | YES | 0.9905  | Dihydroorotate dehydrogenase (quinone), mitochondrial |
| 85 | TIC111 | P13612 | YES | 0.9905  | Integrin alpha-4 |

**Table S3.** 57 target proteins with predicted scores exceeding 0.95 among the five most abundant compounds in WXD-PE

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 1 | P09917 | TIC3 | YES | 1.0000  | Polyunsaturated fatty acid 5-lipoxygenase |
| 2 | P09917 | TIC5 | YES | 1.0000  | Polyunsaturated fatty acid 5-lipoxygenase |
| 3 | P37231 | TIC3 | YES | 1.0000  | Peroxisome proliferator-activated receptor gamma |
| 4 | P37231 | TIC5 | YES | 1.0000  | Peroxisome proliferator-activated receptor gamma |
| 5 | Q03181 | TIC3 | YES | 1.0000  | Peroxisome proliferator-activated receptor delta |
| 6 | Q03181 | TIC5 | YES | 0.9999  | Peroxisome proliferator-activated receptor delta |
| 7 | P35354 | TIC3 | YES | 0.9998  | Prostaglandin G/H synthase 2 |
| 8 | P35354 | TIC5 | YES | 0.9997  | Prostaglandin G/H synthase 2 |
| 9 | P35354 | TIC1 | YES | 0.9993  | Prostaglandin G/H synthase 2 |
| 10 | P09038 | TIC4 | YES | 0.9988  | Fibroblast growth factor 2 |
| 11 | P11473 | TIC4 | YES | 0.9984  | Vitamin D3 receptor |
| 12 | Q8NER1 | TIC3 | YES | 0.9984  | Transient receptor potential cation channel subfamily V member 1 |
| 13 | P32246 | TIC5 | YES | 0.9983  | C-C chemokine receptor type 1 |
| 14 | Q07869 | TIC3 | YES | 0.9981  | Peroxisome proliferator-activated receptor alpha |
| 15 | P23219 | TIC1 | YES | 0.9980  | Prostaglandin G/H synthase 1 |
| 16 | Q16665 | TIC5 | YES | 0.9980  | Hypoxia-inducible factor 1-alpha |
| 17 | Q16665 | TIC3 | YES | 0.9979  | Hypoxia-inducible factor 1-alpha |
| 18 | P10275 | TIC1 | YES | 0.9977  | Androgen receptor |
| 19 | P16109 | TIC4 | YES | 0.9975  | P-selectin |
| 20 | P32246 | TIC3 | YES | 0.9974  | C-C chemokine receptor type 1 |
| 21 | Q07869 | TIC5 | YES | 0.9973  | Peroxisome proliferator-activated receptor alpha |
| 22 | P14555 | TIC3 | YES | 0.9970  | Phospholipase A2, membrane associated |
| 23 | Q8NER1 | TIC5 | YES | 0.9963  | Transient receptor potential cation channel subfamily V member 1 |
| 24 | P31749 | TIC1 | YES | 0.9960  | RAC-alpha serine/threonine-protein kinase |
| 25 | P14555 | TIC5 | YES | 0.9956  | Phospholipase A2, membrane associated |
| 26 | P00734 | TIC1 | YES | 0.9955  | Prothrombin |
| 27 | P28845 | TIC4 | YES | 0.9946  | Corticosteroid 11-beta-dehydrogenase isozyme 1 |
| 28 | P02768 | TIC4 | YES | 0.9945  | Albumin |
| 29 | P35228 | TIC1 | YES | 0.9941  | Nitric oxide synthase, inducible |
| 30 | P42330 | TIC4 | YES | 0.9939  | Aldo-keto reductase family 1 member C3 |
| 31 | Q96P20 | TIC2 | YES | 0.9937  | NACHT, LRR and PYD domains-containing protein 3 |
| 32 | P04150 | TIC1 | YES | 0.9923  | Glucocorticoid receptor |
| 33 | P08253 | TIC2 | YES | 0.9921  | 72 kDa type IV collagenase |
| 34 | P11473 | TIC1 | YES | 0.9906  | Vitamin D3 receptor |
| 35 | P08311 | TIC2 | YES | 0.9895  | Cathepsin G |
| 36 | P14902 | TIC1 | YES | 0.9892  | Indoleamine 2,3-dioxygenase 1 |
| 37 | P04035 | TIC3 | YES | 0.9883  | 3-hydroxy-3-methylglutaryl-coenzyme A reductase |
| 38 | P35354 | TIC2 | YES | 0.9883  | Prostaglandin G/H synthase 2 |
| 39 | P00734 | TIC4 | YES | 0.9877  | Prothrombin |
| 40 | P23219 | TIC4 | YES | 0.9877  | Prostaglandin G/H synthase 1 |
| 41 | P04035 | TIC5 | YES | 0.9876  | 3-hydroxy-3-methylglutaryl-coenzyme A reductase |
| 42 | Q9Y271 | TIC3 | YES | 0.9856  | Cysteinyl leukotriene receptor 1 |
| 43 | Q16665 | TIC1 | YES | 0.9850  | Hypoxia-inducible factor 1-alpha |
| 44 | P51677 | TIC5 | YES | 0.9849  | C-C chemokine receptor type 3 |
| 45 | P09917 | TIC1 | YES | 0.9846  | Polyunsaturated fatty acid 5-lipoxygenase |
| 46 | P35354 | TIC4 | YES | 0.9845  | Prostaglandin G/H synthase 2 |
| 47 | Q16236 | TIC1 | YES | 0.9843  | Nuclear factor erythroid 2-related factor 2 |
| 48 | P09884 | TIC4 | YES | 0.9834  | DNA polymerase alpha catalytic subunit |
| 49 | P22001 | TIC4 | YES | 0.9834  | Potassium voltage-gated channel subfamily A member 3 |
| 50 | O14746 | TIC4 | YES | 0.9795  | Telomerase reverse transcriptase |
| 51 | O43353 | TIC4 | YES | 0.9795  | Receptor-interacting serine/threonine-protein kinase 2 |
| 52 | Q16236 | TIC5 | YES | 0.9790  | Nuclear factor erythroid 2-related factor 2 |
| 53 | P25105 | TIC4 | YES | 0.9789  | Platelet-activating factor receptor |
| 54 | P09917 | TIC2 | YES | 0.9778  | Polyunsaturated fatty acid 5-lipoxygenase |
| 55 | P45452 | TIC2 | YES | 0.9773  | Collagenase 3 |
| 56 | P00533 | TIC2 | YES | 0.9766  | Epidermal growth factor receptor |
| 57 | P17706 | TIC4 | YES | 0.9761  | Tyrosine-protein phosphatase non-receptor type 2 |
| 58 | P09917 | TIC4 | YES | 0.9752  | Polyunsaturated fatty acid 5-lipoxygenase |
| 59 | P30989 | TIC5 | YES | 0.9751  | Neurotensin receptor type 1 |
| 60 | O00206 | TIC4 | YES | 0.9744  | Toll-like receptor 4 |
| 61 | Q16236 | TIC3 | YES | 0.9742  | Nuclear factor erythroid 2-related factor 2 |
| 62 | P28845 | TIC1 | YES | 0.9741  | Corticosteroid 11-beta-dehydrogenase isozyme 1 |
| 63 | Q96RI1 | TIC4 | YES | 0.9735  | Bile acid receptor |
| 64 | P30989 | TIC3 | YES | 0.9732  | Neurotensin receptor type 1 |
| 65 | Q04206 | TIC2 | YES | 0.9732  | Transcription factor p65 |
| 66 | P14902 | TIC2 | YES | 0.9731  | Indoleamine 2,3-dioxygenase 1 |
| 67 | Q16236 | TIC4 | YES | 0.9731  | Nuclear factor erythroid 2-related factor 2 |
| 68 | Q16236 | TIC2 | YES | 0.9727  | Nuclear factor erythroid 2-related factor 2 |
| 69 | P63000 | TIC4 | YES | 0.9719  | Ras-related C3 botulinum toxin substrate 1 |
| 70 | P63001 | TIC4 | YES | 0.9718  | Ras-related C3 botulinum toxin substrate 1 |
| 71 | O14684 | TIC3 | YES | 0.9712  | Prostaglandin E synthase |
| 72 | P00533 | TIC1 | YES | 0.9690  | Epidermal growth factor receptor |
| 73 | P08183 | TIC4 | YES | 0.9676  | ATP-dependent translocase ABCB1 |
| 74 | P29466 | TIC4 | YES | 0.9669  | Caspase-1 |
| 75 | P19838 | TIC2 | YES | 0.9663  | Nuclear factor NF-kappa-B p105 subunit |
| 76 | P28845 | TIC5 | YES | 0.9662  | Corticosteroid 11-beta-dehydrogenase isozyme 1 |
| 77 | Q96RI1 | TIC1 | YES | 0.9661  | Bile acid receptor |
| 78 | P23219 | TIC2 | YES | 0.9651  | Prostaglandin G/H synthase 1 |
| 79 | P55055 | TIC1 | YES | 0.9641  | Oxysterols receptor LXR-beta |
| 80 | P25105 | TIC3 | YES | 0.9639  | Platelet-activating factor receptor |
| 81 | P04035 | TIC2 | YES | 0.9637  | 3-hydroxy-3-methylglutaryl-coenzyme A reductase |
| 82 | P22001 | TIC2 | YES | 0.9622  | Potassium voltage-gated channel subfamily A member 3 |
| 83 | P25105 | TIC5 | YES | 0.9621  | Platelet-activating factor receptor |
| 84 | P01375 | TIC5 | YES | 0.9617  | Tumor necrosis factor |
| 85 | Q96RI1 | TIC3 | YES | 0.9611  | Bile acid receptor |
| 86 | P08684 | TIC1 | YES | 0.9610  | Cytochrome P450 3A4 |
| 87 | P55055 | TIC4 | YES | 0.9606  | Oxysterols receptor LXR-beta |
| 88 | O14684 | TIC1 | YES | 0.9601  | Prostaglandin E synthase |
| 89 | P23219 | TIC5 | YES | 0.9589  | Prostaglandin G/H synthase 1 |
| 90 | P28845 | TIC3 | YES | 0.9588  | Corticosteroid 11-beta-dehydrogenase isozyme 1 |
| 91 | P23219 | TIC3 | YES | 0.9585  | Prostaglandin G/H synthase 1 |
| 92 | P08183 | TIC2 | YES | 0.9577  | ATP-dependent translocase ABCB1 |
| 93 | P42330 | TIC5 | YES | 0.9569  | Aldo-keto reductase family 1 member C3 |
| 94 | P27815 | TIC5 | YES | 0.9562  | cAMP-specific 3',5'-cyclic phosphodiesterase 4A |
| 95 | Q16665 | TIC4 | YES | 0.9560  | Hypoxia-inducible factor 1-alpha |
| 96 | P09884 | TIC5 | YES | 0.9547  | DNA polymerase alpha catalytic subunit |
| 97 | P84022 | TIC4 | YES | 0.9542  | Mothers against decapentaplegic homolog 3 |
| 98 | P13726 | TIC4 | YES | 0.9541  | Tissue factor |
| 99 | P01375 | TIC3 | YES | 0.9540  | Tumor necrosis factor |
| 100 | P19838 | TIC3 | YES | 0.9535  | Nuclear factor NF-kappa-B p105 subunit |
| 101 | P42574 | TIC2 | YES | 0.9533  | Caspase-3 |
| 102 | P51681 | TIC4 | YES | 0.9525  | C-C chemokine receptor type 5 |
| 103 | Q13546 | TIC4 | YES | 0.9522  | Receptor-interacting serine/threonine-protein kinase 1 |
| 104 | P42330 | TIC3 | YES | 0.9519  | Aldo-keto reductase family 1 member C3 |
| 105 | P27815 | TIC3 | YES | 0.9517  | cAMP-specific 3',5'-cyclic phosphodiesterase 4A |
| 106 | P41145 | TIC4 | YES | 0.9512  | Kappa-type opioid receptor |
| 107 | P09884 | TIC3 | YES | 0.9508  | DNA polymerase alpha catalytic subunit |

**Table S4.** 18 target proteins with predicted scores exceeding 0.95 for the most abundant compound (2,4-di-tert-butylphenol) in WXD-PE

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| index | UniProtID | Ligand | Prediction | Score | Target\_Full\_Name |
| 1 | P35354 | TIC1 | YES | 0.9993  | Prostaglandin G/H synthase 2 |
| 2 | P23219 | TIC1 | YES | 0.9980  | Prostaglandin G/H synthase 1 |
| 3 | P10275 | TIC1 | YES | 0.9977  | Androgen receptor |
| 4 | P31749 | TIC1 | YES | 0.9960  | RAC-alpha serine/threonine-protein kinase |
| 5 | P00734 | TIC1 | YES | 0.9955  | Prothrombin |
| 6 | P35228 | TIC1 | YES | 0.9941  | Nitric oxide synthase, inducible |
| 7 | P04150 | TIC1 | YES | 0.9923  | Glucocorticoid receptor |
| 8 | P11473 | TIC1 | YES | 0.9906  | Vitamin D3 receptor |
| 9 | P14902 | TIC1 | YES | 0.9892  | Indoleamine 2,3-dioxygenase 1 |
| 10 | Q16665 | TIC1 | YES | 0.9850  | Hypoxia-inducible factor 1-alpha |
| 11 | P09917 | TIC1 | YES | 0.9846  | Polyunsaturated fatty acid 5-lipoxygenase |
| 12 | Q16236 | TIC1 | YES | 0.9843  | Nuclear factor erythroid 2-related factor 2 |
| 13 | P28845 | TIC1 | YES | 0.9741  | Corticosteroid 11-beta-dehydrogenase isozyme 1 |
| 14 | P00533 | TIC1 | YES | 0.9690  | Epidermal growth factor receptor |
| 15 | Q96RI1 | TIC1 | YES | 0.9661  | Bile acid receptor |
| 16 | P55055 | TIC1 | YES | 0.9641  | Oxysterols receptor LXR-beta |
| 17 | P08684 | TIC1 | YES | 0.9610  | Cytochrome P450 3A4 |
| 18 | O14684 | TIC1 | YES | 0.9601  | Prostaglandin E synthase |

**Table S5.** Target prediction results of the D3CARP platform for WXD-EA based on molecular docking

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| PDBid | 3lgp | 3ugc | 4qta | 2zoq | 4l7f | 3npc | 3g9l | 3gcu | 3e7g | 5kir | 6njs |
| UniProt | P78536 | O60674 | P28482 | P27361 | P45983 | P45984 | P53779 | Q16539 | P35228 | P35354 | P40763 |
| Target\_Name | ADA17 | JAK2 | MK01 | MK03 | MK08 | MK09 | MK10 | MK14 | NOS2 | PTGS2 | STAT3 |
| Active Ligand Docking Score | -11.23  | -14.39  | -14.13  | -7.91  | -11.27  | -14.00  | -12.66  | -14.76  | -6.87  | -10.29  | -9.56  |
| Active\_LE | -0.27  | -0.35  | -0.32  | -0.40  | -0.33  | -0.36  | -0.40  | -0.39  | -0.36  | -0.47  | -0.16  |
| WXD-04\_score | -9.44  | -8.86  | -8.32  | -7.98  | -8.63  | -8.70  | -7.68  | -7.95  | -8.11  | -7.44  | -6.07  |
| WXD-04\_le | -0.38  | -0.36  | -0.33  | -0.32  | -0.35  | -0.35  | -0.31  | -0.32  | -0.32  | -0.30  | -0.24  |
| WXD-06\_score | -8.31  | -7.21  | -6.54  | -7.22  | -7.04  | -6.97  | -6.77  | -6.94  | -6.14  | -7.41  | -5.01  |
| WXD-06\_le | -0.64  | -0.56  | -0.50  | -0.56  | -0.54  | -0.54  | -0.52  | -0.53  | -0.47  | -0.57  | -0.39  |
| WXD-07\_score | -7.51  | -7.00  | -6.47  | -7.04  | -6.43  | -6.48  | -6.38  | -6.77  | -5.49  | -6.73  | -4.75  |
| WXD-07\_le | -0.58  | -0.54  | -0.50  | -0.54  | -0.50  | -0.50  | -0.49  | -0.52  | -0.42  | -0.52  | -0.37  |
| WXD-08\_score | -8.87  | -8.97  | -10.27  | -7.70  | -8.72  | -8.48  | -9.69  | -9.92  | -8.53  | -4.55  | -5.97  |
| WXD-08\_le | -0.24  | -0.24  | -0.28  | -0.21  | -0.24  | -0.23  | -0.26  | -0.27  | -0.23  | -0.12  | -0.16  |
| WXD-09\_score | -10.15  | -8.53  | -10.22  | -8.01  | -8.36  | -8.61  | -9.32  | -10.16  | -9.18  | -3.61  | -5.75  |
| WXD-09\_le | -0.27  | -0.23  | -0.28  | -0.22  | -0.23  | -0.23  | -0.25  | -0.28  | -0.25  | -0.10  | -0.16  |
| WXD-10\_score | -9.06  | -8.98  | -9.64  | -7.51  | -8.90  | -8.91  | -9.55  | -9.96  | -7.98  | -5.26  | -6.16  |
| WXD-10\_le | -0.25  | -0.24  | -0.26  | -0.20  | -0.24  | -0.24  | -0.26  | -0.27  | -0.22  | -0.14  | -0.17  |
| WXD-11\_score | -9.82  | -9.65  | -10.14  | -9.04  | -9.27  | -8.67  | -8.53  | -9.73  | -9.29  | -0.38  | -7.53  |
| WXD-11\_le | -0.23  | -0.23  | -0.24  | -0.22  | -0.22  | -0.21  | -0.20  | -0.23  | -0.22  | -0.01  | -0.18  |