

DISPLAR: an accurate method for predicting DNA-binding sites on protein surfaces
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Dataset of 264 DNA-binding proteins or complexes (PDB entry plus chain labels)
 used for developing DISPLAR.

| PDB | Chains | All Residues | Surface Residues | Interface Residues | |
|------|--------|--------------|------------------|--------------------|--|
| 1A02 | N,F,J | 385 | 292 | 48 | |
| 1A0A | A,B | 126 | 107 | 30 | |
| 1A1I | A | 85 | 82 | 34 | |
| 1A1V | A | 429 | 283 | 32 | |
| 1A31 | A | 457 | 327 | 55 | |
| 1A6B | B | 40 | 38 | 14 | |
| 1A6Y | A,B | 162 | 131 | 50 | |
| 1A73 | A,B | 324 | 240 | 74 | |
| 1AIS | A,B | 374 | 261 | 50 | |
| 1AM9 | A,B | 155 | 135 | 33 | |
| 1AN4 | A,B | 130 | 123 | 37 | |
| 1AWC | A,B | 263 | 165 | 25 | |
| 1B01 | A,B | 86 | 67 | 20 | |
| 1B3T | A,B | 294 | 184 | 71 | |
| 1B69 | A | 69 | 61 | 26 | |
| 1BDT | A,B | 105 | 80 | 31 | |
| 1BG1 | A | 558 | 366 | 11 | |
| 1BJ6 | A | 42 | 40 | 16 | |
| 1BL0 | A | 116 | 86 | 31 | |
| 1BRN | L | 108 | 81 | 22 | |
| 1BVO | A | 175 | 123 | 10 | |
| 1C7Y | A | 199 | 147 | 22 | |
| 1C9B | A | 207 | 142 | 35 | |
| 1CF7 | A,B | 149 | 110 | 36 | |
| 1CKT | A | 71 | 67 | 23 | |
| 1CL8 | A,B | 522 | 320 | 68 | |
| 1CQT | A,I | 156 | 132 | 52 | |
| 1CW0 | A | 155 | 116 | 50 | |
| 1D02 | A,B | 397 | 249 | 46 | |
| 1D5Y | A,B | 576 | 405 | 35 | |
| 1D66 | A,B | 114 | 98 | 31 | |
| 1DC1 | A,B | 621 | 400 | 86 | |
| 1DCT | A | 324 | 200 | 57 | |
| 1DEW | A | 278 | 164 | 35 | |
| 1DFM | A,B | 431 | 282 | 83 | |
| 1DH3 | A,C | 110 | 104 | 27 | |
| 1DIZ | A | 282 | 182 | 25 | |
| 1DMU | A | 299 | 200 | 31 | |
| 1DP7 | P | 76 | 65 | 14 | |
| 1ECR | A | 305 | 234 | 67 | |
| 1EGW | A,B | 143 | 110 | 39 | |
| 1EMH | A | 223 | 141 | 17 | |
| 1EWN | A | 200 | 129 | 23 | |
| 1EYG | A,B | 216 | 167 | 92 | |

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|------|---------|------|------|-----|
| 1F0V | A | 124 | 101 | 12 |
| 1F4K | A,B | 230 | 157 | 50 |
| 1F5E | P | 65 | 54 | 22 |
| 1FIU | A,B,C,D | 1144 | 605 | 127 |
| 1FJL | A,B | 122 | 102 | 38 |
| 1FLO | A,B,C,D | 1618 | 1103 | 229 |
| 1FOK | A | 568 | 345 | 64 |
| 1FW6 | A,B | 1482 | 927 | 69 |
| 1FZP | D,B | 205 | 180 | 14 |
| 1G38 | A | 393 | 250 | 56 |
| 1G4D | A | 69 | 56 | 23 |
| 1GAT | A | 60 | 54 | 20 |
| 1GCC | A | 63 | 53 | 21 |
| 1GD2 | E,F | 129 | 119 | 32 |
| 1GDT | A,B | 366 | 269 | 71 |
| 1GM5 | A | 729 | 525 | 36 |
| 1GT0 | D | 79 | 75 | 26 |
| 1GU4 | A,B | 132 | 120 | 31 |
| 1GXP | A,B | 204 | 152 | 51 |
| 1H6F | A,B | 370 | 271 | 51 |
| 1H9D | A,B | 250 | 164 | 17 |
| 1H9T | A,B | 458 | 298 | 50 |
| 1HAO | L,H | 280 | 162 | 11 |
| 1HCQ | A,B | 145 | 107 | 38 |
| 1HCR | A | 52 | 47 | 27 |
| 1HHT | P | 664 | 391 | 40 |
| 1HLV | A | 131 | 104 | 49 |
| 1HWT | C,D | 144 | 116 | 37 |
| 1I3J | A | 96 | 87 | 55 |
| 1I7D | A | 620 | 415 | 48 |
| 1IAW | A,B | 608 | 409 | 121 |
| 1IC8 | A,B | 343 | 272 | 61 |
| 1IG4 | A | 75 | 65 | 24 |
| 1IG9 | A | 901 | 578 | 60 |
| 1IGN | A | 189 | 157 | 58 |
| 1IMH | C,D | 562 | 393 | 35 |
| 1J1V | A | 92 | 70 | 26 |
| 1J3E | A | 115 | 89 | 23 |
| 1J4W | A | 145 | 118 | 35 |
| 1J5N | A | 93 | 86 | 41 |
| 1J75 | A | 57 | 46 | 8 |
| 1JB7 | A,B | 676 | 420 | 61 |
| 1JE8 | A,B | 126 | 96 | 48 |
| 1JEY | A,B | 1023 | 638 | 55 |
| 1JFI | A,B | 198 | 150 | 22 |
| 1JGG | A,B | 114 | 99 | 31 |
| 1JJ4 | A,B | 150 | 100 | 33 |
| 1JMC | A | 238 | 171 | 36 |
| 1JT0 | A,B,C,D | 749 | 476 | 82 |
| 1JX4 | A | 335 | 232 | 57 |
| 1K3X | A | 253 | 164 | 26 |
| 1K78 | E,F | 227 | 178 | 70 |

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|------|-----------------|-----|-----|-----|
| 1K82 | A | 260 | 171 | 35 |
| 1KDH | A | 356 | 244 | 31 |
| 1KLN | A | 595 | 378 | 44 |
| 1KQQ | A | 131 | 98 | 23 |
| 1KSY | A,C | 290 | 191 | 30 |
| 1KX5 | A,B,C,D,E,F,G,H | 974 | 680 | 260 |
| 1L1M | A,B | 124 | 110 | 58 |
| 1L3L | B,D | 447 | 296 | 35 |
| 1LAU | E | 228 | 147 | 17 |
| 1LB2 | E | 66 | 51 | 13 |
| 1LE8 | A,B | 127 | 109 | 34 |
| 1LEI | A,B | 585 | 413 | 39 |
| 1LQ1 | A,B | 210 | 151 | 36 |
| 1LWT | A | 440 | 308 | 75 |
| 1M07 | A | 110 | 84 | 17 |
| 1M3Q | A | 314 | 199 | 31 |
| 1M5R | B | 351 | 212 | 37 |
| 1M5X | A,B | 322 | 224 | 80 |
| 1MDY | A,B | 130 | 111 | 30 |
| 1MJE | B,A | 642 | 438 | 30 |
| 1MJM | A,B | 208 | 148 | 24 |
| 1MNN | A | 290 | 203 | 35 |
| 1MOW | A | 248 | 176 | 81 |
| 1MSE | C | 105 | 88 | 44 |
| 1MSW | D | 863 | 562 | 77 |
| 1MUS | A | 458 | 300 | 43 |
| 1MW8 | X | 561 | 384 | 36 |
| 1MWI | A | 165 | 109 | 6 |
| 1NH2 | A,B,C,D | 380 | 251 | 45 |
| 1NK3 | P | 63 | 58 | 18 |
| 1NKP | A,B | 171 | 141 | 33 |
| 1NVP | B,C,D | 187 | 128 | 6 |
| 1ODH | A | 157 | 121 | 31 |
| 1OE4 | A,B | 490 | 287 | 25 |
| 1OMH | A | 278 | 197 | 62 |
| 1ORN | A | 214 | 149 | 33 |
| 1OUP | B | 210 | 138 | 19 |
| 1OWF | A,B | 190 | 141 | 65 |
| 1OZJ | A,B | 250 | 174 | 31 |
| 1P71 | A,B | 187 | 142 | 37 |
| 1P8K | Z | 252 | 171 | 71 |
| 1PNR | A | 338 | 217 | 15 |
| 1PP7 | U | 114 | 86 | 27 |
| 1PUE | E | 88 | 64 | 28 |
| 1PUF | A,B | 150 | 127 | 50 |
| 1PYI | A,B | 158 | 128 | 23 |
| 1QBJ | C | 66 | 55 | 10 |
| 1QPI | A | 195 | 157 | 7 |
| 1QRV | A,B | 144 | 135 | 33 |
| 1QTM | A | 539 | 339 | 63 |
| 1QUM | A | 279 | 165 | 31 |
| 1QZG | A | 170 | 122 | 23 |

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|------|---------|------|-----|-----|
| 1R0O | B | 78 | 60 | 23 |
| 1R2Z | A | 273 | 173 | 27 |
| 1R71 | A,B | 230 | 182 | 55 |
| 1R7M | A | 223 | 150 | 63 |
| 1R8D | A,B | 216 | 181 | 42 |
| 1R8E | A | 275 | 216 | 11 |
| 1REP | C | 214 | 138 | 37 |
| 1RFI | B | 429 | 241 | 19 |
| 1RH6 | A | 54 | 46 | 7 |
| 1RIO | A,B,H | 248 | 193 | 61 |
| 1RPE | L,R | 126 | 99 | 41 |
| 1RRC | A | 276 | 190 | 19 |
| 1RRQ | A | 343 | 234 | 51 |
| 1RXW | A | 305 | 200 | 25 |
| 1RZR | G,C,T,L | 816 | 523 | 51 |
| 1S40 | A | 187 | 133 | 39 |
| 1SA3 | B | 262 | 179 | 40 |
| 1SAX | A,B | 240 | 174 | 50 |
| 1SFU | A,B | 140 | 115 | 19 |
| 1SKN | P | 74 | 62 | 19 |
| 1SRS | A,B | 164 | 121 | 45 |
| 1SX5 | A,B | 482 | 312 | 82 |
| 1T05 | A,B | 968 | 643 | 68 |
| 1T2K | A,B | 218 | 176 | 61 |
| 1T2S | A | 123 | 93 | 15 |
| 1TC3 | C | 51 | 46 | 21 |
| 1TDZ | A | 265 | 173 | 29 |
| 1TEZ | A | 474 | 292 | 33 |
| 1TF6 | A,D | 361 | 342 | 86 |
| 1TRO | A,C | 203 | 155 | 42 |
| 1TSR | B | 194 | 135 | 18 |
| 1TX3 | A,B | 500 | 340 | 98 |
| 1U1Q | A | 183 | 137 | 53 |
| 1U1Y | A,B,C | 387 | 359 | 30 |
| 1U3E | M | 174 | 141 | 69 |
| 1U4B | A | 580 | 366 | 61 |
| 1U8B | A | 128 | 102 | 31 |
| 1U8R | A,B,C,D | 884 | 565 | 88 |
| 1UAA | A,B | 1269 | 795 | 72 |
| 1UBD | C | 114 | 109 | 41 |
| 1UUT | A | 195 | 135 | 13 |
| 1VAS | A | 137 | 101 | 42 |
| 1VRR | A,B | 406 | 251 | 72 |
| 1W0U | A,B | 110 | 93 | 39 |
| 1WB9 | A,B | 1542 | 942 | 65 |
| 1WTE | A,B | 544 | 358 | 86 |
| 1X0F | A | 79 | 60 | 20 |
| 1X9M | A,B | 780 | 519 | 61 |
| 1X9N | A | 626 | 403 | 86 |
| 1XI1 | A | 571 | 381 | 18 |
| 1XJV | A | 291 | 194 | 35 |
| 1XO0 | A,B | 644 | 475 | 112 |

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|------|-------------|------|-----|-----|
| 1XPX | A | 144 | 107 | 13 |
| 1XSN | A | 324 | 236 | 56 |
| 1XYI | A | 66 | 56 | 21 |
| 1Y8Z | B | 371 | 219 | 19 |
| 1YF3 | A | 259 | 176 | 17 |
| 1YFH | C | 149 | 107 | 19 |
| 1YNW | A,B | 169 | 138 | 49 |
| 1YO5 | C | 88 | 67 | 28 |
| 1YUI | A | 54 | 53 | 25 |
| 1Z19 | A,B | 539 | 397 | 133 |
| 1Z63 | A,B | 916 | 608 | 37 |
| 1Z9C | A,B | 274 | 182 | 54 |
| 1ZET | A | 388 | 281 | 44 |
| 1ZJM | A | 323 | 235 | 47 |
| 1ZLK | A,B | 130 | 96 | 46 |
| 1ZME | C,D | 140 | 120 | 34 |
| 1ZNS | A | 118 | 87 | 27 |
| 1ZQ3 | P | 68 | 62 | 26 |
| 1ZRF | A,B | 403 | 292 | 46 |
| 1ZS4 | A,B,C,D | 316 | 226 | 42 |
| 1ZTW | A | 255 | 181 | 11 |
| 1ZX4 | A,B | 344 | 264 | 25 |
| 1ZZI | A | 82 | 67 | 21 |
| 2A07 | F,G,H,I,J,K | 487 | 378 | 87 |
| 2A0I | A | 293 | 210 | 58 |
| 2A3V | A,B,C,D | 1270 | 866 | 293 |
| 2A66 | A | 95 | 79 | 30 |
| 2A6O | A,B | 304 | 205 | 65 |
| 2AOR | A | 220 | 159 | 41 |
| 2AQ4 | A | 428 | 300 | 65 |
| 2AXY | A,B | 137 | 101 | 40 |
| 2B9S | A,B | 478 | 347 | 69 |
| 2BGW | A,B | 419 | 253 | 32 |
| 2BNW | A,B,C,D | 202 | 163 | 40 |
| 2BOP | A | 85 | 69 | 10 |
| 2BPA | 1,3 | 462 | 328 | 11 |
| 2BZF | A | 88 | 65 | 18 |
| 2C5R | A,B,C,D,E,F | 378 | 263 | 14 |
| 2C62 | A,B | 132 | 105 | 43 |
| 2C6Y | A,B | 193 | 153 | 46 |
| 2C7P | A | 327 | 193 | 50 |
| 2C9L | Y,Z | 125 | 105 | 28 |
| 2D7D | A,B | 659 | 437 | 17 |
| 2DGC | A,B | 98 | 92 | 32 |
| 2DNJ | A | 253 | 151 | 22 |
| 2DRP | A | 63 | 59 | 28 |
| 2ER8 | A,B | 135 | 123 | 38 |
| 2EZV | A,B | 536 | 341 | 70 |
| 2FDI | A | 199 | 129 | 12 |
| 2FL3 | A | 247 | 179 | 51 |
| 2FO1 | A,D,E | 785 | 505 | 20 |
| 2G8I | A | 134 | 89 | 22 |

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|------|---------|-------|-------|-------|
| 2GLI | A | 155 | 139 | 47 |
| 2HDD | A,B | 111 | 99 | 31 |
| 2IRF | G,H | 218 | 163 | 37 |
| 2LEF | A | 86 | 77 | 39 |
| 2NLL | B | 103 | 86 | 30 |
| 2PJR | A,B,F,G | 1276 | 761 | 67 |
| 3BAM | A,B | 415 | 260 | 76 |
| 3CRO | L,R | 130 | 100 | 44 |
| 3HTS | B | 82 | 66 | 12 |
| 3PVI | A,B | 312 | 215 | 65 |
| 4DPV | Z | 559 | 438 | 26 |
| 6CRO | A | 60 | 52 | 19 |
| 264 | 428 | 80983 | 56093 | 11305 |