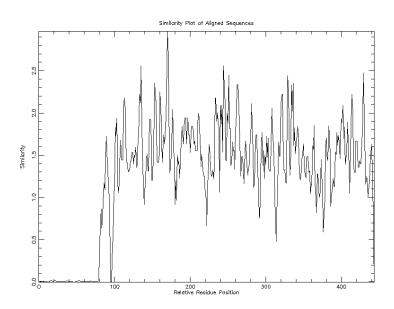
query: glucose-6-phosphatase[protein] AND aves[Organism]

96 sequences found96 sequences used for furter analysis. They are saved in con_an_seq_out.fasta

Similarity plot of Aligned Sequences of glucose-6-phosphatase in aves



BlastP results:

QueryID SubjectID %Identity Aligment_Len Mispatches GapOpenings Q_start Q_end S_Start S_end E-value

XP_014740911.1 P35575.2 69.468 357 108 1 1 357 1 356 0.0 527

XP 014740911.1 Q19KA1.1 68.627 357 111 1 1 357 1 356 0.0 527

XP_014740911.1 Q29RU6.1 69.274 358 109 1 1 358 1 357 0.0 524

XP_014740911.1 O19133.1 67.507 357 115 1 1 357 1 356 0.0 520

XP_014740911.1 P35576.2 66.667 357 118 1 1 357 1 356 6.90e-175 493

XP_014740911.1 P43428.1 66.947 357 117 1 1 357 1 356 2.86e-167 473

XP_014740911.1 Q9Z186.1 52.260 354 168 1 5 357 1 354 1.53e-135 393

XP_014740911.1 Q9NQR9.1 53.803 355 161 2 5 357 1 354 2.68e-132 384

XP_014740911.1 O42153.1 55.241 353 151 4 5 355 1 348 1.89e-122 359

XP_014740911.1 O42154.1 55.755 278 116 4 80 355 1 273 7.66e-93 281

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XP 021233644.1 Q6NSQ9.1 35.312 337 208 5 84 420 6 332 1.45e-60 203
XP 021233644.1 Q6AZ83.1 35.756 344 211 6 84 427 6 339 1.38e-59 201
XP 005059732.1 Q19KA1.1 69.274 358 108 2 1 358 1 356 0.0 526
XP 005059732.1 P35575.2 70.112 358 105 2 1 358 1 356 0.0 524
XP 005059732.1 Q29RU6.1 69.916 359 106 2 1 359 1 357 0.0 523
XP_005059732.1 O19133.1 68.715 358 110 2 1 358 1 356 0.0 522
XP_005059732.1 P35576.2 67.598 358 114 2 1 358 1 356 1.08e-175 494
XP 005059732.1 P43428.1 67.598 358 114 2 1 358 1 356 4.86e-167 473
XP 005059732.1 Q9Z186.1 53.371 356 162 3 5 358 1 354 8.73e-136 393
XP 005059732.1 Q9NQR9.1 53.371 356 162 3 5 358 1 354 4.96e-131 381
XP 005059732.1 O42153.1 55.367 354 150 4 5 356 1 348 1.35e-123 362
XP 005059732.1 O42154.1 56.272 279 114 4 80 356 1 273 3.24e-94 285
XP 005059732.1 A1A5Z0.1 38.873 355 198 6 5 357 1 338 9.55e-70 224
XP 005059732.1 Q9BUM1.2 36.311 347 206 6 1 347 1 332 3.15e-65 213
XP 005059732.1 Q6AZ83.1 35.328 351 210 7 1 350 1 335 9.13e-65 212
XP 005059732.1 Q6NSQ9.1 35.734 361 208 9 1 358 1 340 2.04e-64 211
XP_005059732.1 Q148G2.1 35.854 357 209 8 1 355 1 339 4.25e-63 207
XP 032566992.1 Q19KA1.1 69.188 357 109 1 1 357 1 356 0.0 537
XP 032566992.1 Q29RU6.1 69.832 358 107 1 1 358 1 357 0.0 535
XP 032566992.1 O19133.1 68.908 357 110 1 1 357 1 356 0.0 535
XP 032566992.1 P35575.2 69.188 357 109 1 1 357 1 356 0.0 531
XP 032566992.1 P35576.2 67.507 357 115 1 1 357 1 356 0.0 511
XP 032566992.1 P43428.1 67.787 357 114 1 1 357 1 356 1.25e-174 492
XP_032566992.1 Q9Z186.1 52.958 355 164 2 5 357 1 354 1.35e-139 403
XP 032566992.1 Q9NQR9.1 53.672 354 163 1 5 357 1 354 6.98e-136 394
XP 032566992.1 042153.1 54.674 353 153 4 5 355 1 348 1.96e-124 364
XP_032566992.1 O42154.1 55.396 278 117 4 80 355 1 273 1.25e-95 288
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XP 009870532.1 P35575.2 59.184 49 20 0 250 298 309 357 2.05e-11 67.0
XP_009870532.1 P35576.2 66.935 248 77 2 1 248 1 243 1.49e-120 352
XP 009870532.1 P35576.2 59.184 49 20 0 250 298 309 357 2.52e-11 67.0
XP 009870532.1 P43428.1 66.129 248 79 2 1 248 1 243 1.02e-110 327
XP 009870532.1 P43428.1 59.184 49 20 0 250 298 309 357 6.94e-11 65.5
XP 009870532.1 Q9Z186.1 43.840 349 131 4 14 297 6 354 5.21e-95 287
XP 009870532.1 O42153.1 57.377 244 99 2 5 248 1 239 2.05e-91 278
XP 009870532.1 Q9NQR9.1 55.508 236 104 1 14 248 6 241 7.51e-88 269
XP 009870532.1 Q9NQR9.1 50.000 42 21 0 256 297 313 354 7.78e-06 50.1
XP 009870532.1 O42154.1 61.818 165 62 1 84 248 1 164 1.09e-65 209
XP 009870532.1 A1A5Z0.1 38.496 226 132 3 23 248 15 233 3.10e-47 164
XP 009870532.1 Q6AZ83.1 37.860 243 142 5 10 251 2 236 1.39e-43 155
XP 009870532.1 Q9BUM1.2 40.444 225 125 6 23 246 15 231 2.07e-43 154
XP 009870532.1 Q148G2.1 38.053 226 133 3 23 248 15 233 3.91e-43 153
XP 009870532.1 Q6NSQ9.1 38.496 226 132 4 23 248 15 233 3.28e-42 151
KFQ28029.1 Q19KA1.1 69.886 352 105 1 2 353 5 355 0.0 535
KFQ28029.1 O19133.1 69.886 352 105 1 2 353 5 355 0.0 533
KFQ28029.1 P35575.2 70.455 352 103 1 2 353 5 355 0.0 532
KFQ28029.1 Q29RU6.1 70.455 352 103 1 2 353 5 355 0.0 530
KFQ28029.1 P35576.2 68.750 352 109 1 2 353 5 355 1.36e-179 504
KFQ28029.1 P43428.1 68.466 352 110 1 2 353 5 355 1.20e-169 479
KFQ28029.1 Q9Z186.1 54.391 353 160 1 2 353 1 353 2.26e-143 412
KFQ28029.1 Q9NQR9.1 55.807 353 155 1 2 353 1 353 1.95e-141 407
KFQ28029.1 O42153.1 56.091 353 148 4 2 352 1 348 9.06e-127 370
KFQ28029.1 O42154.1 56.475 278 114 4 77 352 1 273 4.41e-96 289
KFQ28029.1 A1A5Z0.1 38.920 352 202 6 2 353 1 339 4.01e-70 225
KFQ28029.1 Q9BUM1.2 37.429 350 207 8 2 350 1 339 7.66e-68 219
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