

LIST

Zfp472

Zfp157

Zfp36

Zfp955a

Ripply1

2610044O15Rik8

Zfp958

Zfp763

Zfp35

Gm21994 – this one I don't have in my annotation for mouse

BLASTP AGAINST HUMAN PROTEINS

2610044O15Rik8

no alignments

Ripply1

| | | | | | | | | | | | |
|---------------------------------|---------|--------|----|----|---|-----|-----|----|-----|----------|------|
| Ripply1 Ripply1 Ripply1 Ripply1 | RIPPLY1 | 73.864 | 88 | 23 | 0 | 47 | 134 | 44 | 131 | 3.82E-42 | 139 |
| Ripply1 Ripply1 Ripply1 Ripply1 | RIPPLY2 | 47.312 | 93 | 42 | 3 | 57 | 145 | 34 | 123 | 2.78E-20 | 83.2 |
| Ripply1 Ripply1 Ripply1 Ripply1 | RIPPLY2 | 67.347 | 49 | 16 | 0 | 97 | 145 | 11 | 59 | 1.57E-18 | 76.6 |
| Ripply1 Ripply1 Ripply1 Ripply1 | RIPPLY1 | 90.909 | 33 | 3 | 0 | 102 | 134 | 52 | 84 | 1.42E-15 | 70.1 |
| Ripply1 Ripply1 Ripply1 Ripply1 | RIPPLY3 | 41.772 | 79 | 41 | 2 | 60 | 136 | 39 | 114 | 1.11E-12 | 64.3 |

Zfp36

| | | | | | | | | | | | |
|-------------------------|---------|--------|-----|----|---|----|-----|-----|-----|-----------|-----|
| Zfp36 Zfp36 Zfp36 Zfp36 | ZFP36 | 83.232 | 328 | 44 | 4 | 1 | 319 | 7 | 332 | 1.29E-143 | 409 |
| Zfp36 Zfp36 Zfp36 Zfp36 | ZFP36L1 | 54.783 | 115 | 46 | 1 | 76 | 184 | 95 | 209 | 1.83E-34 | 129 |
| Zfp36 Zfp36 Zfp36 Zfp36 | ZFP36L1 | 54.783 | 115 | 46 | 1 | 76 | 184 | 95 | 209 | 1.83E-34 | 129 |
| Zfp36 Zfp36 Zfp36 Zfp36 | ZFP36L1 | 54.783 | 115 | 46 | 1 | 76 | 184 | 164 | 278 | 5.91E-34 | 129 |
| Zfp36 Zfp36 Zfp36 Zfp36 | ZFP36L2 | 49.624 | 133 | 42 | 3 | 91 | 200 | 149 | 279 | 2.37E-30 | 120 |

BLASTP AGAINST HUMAN PROTEINS

Zfp157

| | | | | | | | | | | | |
|-----------------------------|--------|--------|-----|-----|---|-----|-----|-----|-----|-----------|------|
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF420 | 51.977 | 531 | 199 | 7 | 3 | 486 | 5 | 526 | 2.92E-165 | 485 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF420 | 61.264 | 364 | 141 | 0 | 123 | 486 | 219 | 582 | 2.69E-148 | 442 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF420 | 60.317 | 378 | 150 | 0 | 112 | 489 | 264 | 641 | 6.88E-147 | 438 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF420 | 60.882 | 340 | 133 | 0 | 123 | 462 | 303 | 642 | 4.85E-133 | 402 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF420 | 51.977 | 531 | 199 | 7 | 3 | 486 | 5 | 526 | 6.97E-165 | 486 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF420 | 61.264 | 364 | 141 | 0 | 123 | 486 | 219 | 582 | 1.17E-147 | 441 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF420 | 60.533 | 375 | 148 | 0 | 112 | 486 | 264 | 638 | 1.44E-145 | 436 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF420 | 57.545 | 391 | 159 | 1 | 123 | 513 | 303 | 686 | 1.20E-141 | 426 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF420 | 51.534 | 163 | 79 | 0 | 120 | 282 | 524 | 686 | 1.07E-39 | 154 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF420 | 51.977 | 531 | 199 | 7 | 3 | 486 | 5 | 526 | 2.35E-164 | 485 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF420 | 61.264 | 364 | 141 | 0 | 123 | 486 | 219 | 582 | 7.26E-148 | 442 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF420 | 60.533 | 375 | 148 | 0 | 112 | 486 | 264 | 638 | 9.70E-146 | 437 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF420 | 61.128 | 337 | 131 | 0 | 123 | 459 | 303 | 639 | 8.33E-132 | 401 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF420 | 61.194 | 268 | 104 | 0 | 220 | 487 | 120 | 387 | 2.95E-101 | 322 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF420 | 54.675 | 492 | 189 | 9 | 3 | 486 | 5 | 470 | 2.30E-163 | 476 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF420 | 61.194 | 268 | 104 | 0 | 220 | 487 | 120 | 387 | 8.28E-104 | 323 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF157 | 51.546 | 485 | 217 | 3 | 2 | 485 | 25 | 492 | 1.81E-161 | 470 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF157 | 53.086 | 324 | 152 | 0 | 163 | 486 | 114 | 437 | 5.54E-110 | 338 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF157 | 50.847 | 236 | 116 | 0 | 112 | 347 | 259 | 494 | 5.12E-70 | 234 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF157 | 42.857 | 126 | 72 | 0 | 110 | 235 | 369 | 494 | 8.32E-24 | 105 |
| Zfp157 Zfp157 Zfp157 Zfp157 | ZNF157 | 36.893 | 103 | 65 | 0 | 105 | 207 | 392 | 494 | 2.05E-12 | 70.5 |

BLASTP AGAINST HUMAN PROTEINS

| Zfp35 | | | | | | | | | | | |
|-------------------------|--------|--------|-----|-----|---|-----|-----|-----|------|-----------|-----|
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF420 | 60.835 | 503 | 194 | 2 | 78 | 577 | 68 | 570 | 0 | 626 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF420 | 57.905 | 525 | 217 | 3 | 57 | 577 | 74 | 598 | 0 | 619 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF420 | 57.435 | 538 | 225 | 3 | 43 | 577 | 6 | 542 | 0 | 617 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF420 | 57.957 | 421 | 175 | 1 | 67 | 485 | 197 | 617 | 3.33E-170 | 497 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF420 | 56.604 | 159 | 68 | 1 | 421 | 578 | 49 | 207 | 2.36E-52 | 189 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF84 | 59.449 | 508 | 203 | 2 | 73 | 577 | 230 | 737 | 0 | 619 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF84 | 56.972 | 502 | 214 | 2 | 78 | 577 | 180 | 681 | 0 | 581 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF84 | 56.042 | 480 | 209 | 2 | 99 | 577 | 175 | 653 | 0 | 543 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF84 | 35.417 | 288 | 127 | 6 | 348 | 577 | 59 | 345 | 2.27E-43 | 166 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF569 | 58.4 | 500 | 205 | 2 | 78 | 574 | 186 | 685 | 0 | 607 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF569 | 60.924 | 476 | 185 | 1 | 103 | 577 | 185 | 660 | 0 | 600 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF569 | 58.439 | 474 | 194 | 2 | 76 | 546 | 212 | 685 | 0 | 572 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF569 | 61.161 | 448 | 172 | 1 | 74 | 519 | 238 | 685 | 0 | 565 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF569 | 56.87 | 524 | 219 | 3 | 58 | 574 | 3 | 526 | 0 | 607 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF184 | 56.92 | 513 | 218 | 2 | 68 | 577 | 212 | 724 | 0 | 605 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF184 | 56.421 | 475 | 204 | 2 | 76 | 547 | 276 | 750 | 0 | 550 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF184 | 56.92 | 513 | 218 | 2 | 68 | 577 | 212 | 724 | 0 | 605 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF184 | 56.421 | 475 | 204 | 2 | 76 | 547 | 276 | 750 | 0 | 550 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF184 | 56.92 | 513 | 218 | 2 | 68 | 577 | 212 | 724 | 0 | 605 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF658 | 58.929 | 504 | 203 | 3 | 78 | 577 | 546 | 1049 | 0 | 604 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF658 | 57.895 | 494 | 205 | 2 | 87 | 577 | 499 | 992 | 0 | 586 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF658 | 54.286 | 525 | 215 | 3 | 78 | 577 | 440 | 964 | 0 | 570 |
| Zfp35 Zfp35 Zfp35 Zfp35 | ZNF658 | 57.613 | 486 | 202 | 3 | 78 | 559 | 574 | 1059 | 0 | 568 |

BLASTP AGAINST HUMAN PROTEINS

Zfp472

| | | | | | | | | | | | |
|-----------------------------|------------------|--------|-----|-----|---|-----|-----|-----|-----|-----------|-----|
| Zfp472 Zfp472 Zfp472 Zfp472 | ZNF709 | 51.321 | 530 | 253 | 1 | 7 | 531 | 1 | 530 | 2.02E-172 | 502 |
| Zfp472 Zfp472 Zfp472 Zfp472 | ZNF709 | 54.651 | 430 | 185 | 1 | 102 | 531 | 195 | 614 | 1.11E-142 | 426 |
| Zfp472 Zfp472 Zfp472 Zfp472 | ZNF709 | 53.709 | 337 | 156 | 0 | 138 | 474 | 305 | 641 | 1.15E-107 | 335 |
| Zfp472 Zfp472 Zfp472 Zfp472 | ZNF14 | 50.09 | 557 | 246 | 4 | 7 | 531 | 1 | 557 | 8.91E-170 | 495 |
| Zfp472 Zfp472 Zfp472 Zfp472 | ZNF14 | 51.559 | 417 | 174 | 1 | 144 | 532 | 226 | 642 | 1.65E-131 | 397 |
| Zfp472 Zfp472 Zfp472 Zfp472 | ZNF20 | 48.674 | 528 | 263 | 4 | 7 | 528 | 1 | 526 | 2.14E-162 | 472 |
| Zfp472 Zfp472 Zfp472 Zfp472 | ZNF20 | 47.756 | 312 | 153 | 1 | 230 | 531 | 107 | 418 | 1.43E-85 | 275 |
| Zfp472 Zfp472 Zfp472 Zfp472 | ZNF20 | 45.833 | 288 | 146 | 1 | 257 | 534 | 78 | 365 | 7.18E-70 | 234 |
| Zfp472 Zfp472 Zfp472 Zfp472 | ZNF20 | 48.171 | 164 | 84 | 1 | 144 | 307 | 367 | 529 | 3.78E-34 | 136 |
| Zfp472 Zfp472 Zfp472 Zfp472 | ZNF625- ZNF20 | 48.577 | 527 | 263 | 4 | 8 | 528 | 5 | 529 | 1.79E-161 | 470 |
| Zfp472 Zfp472 Zfp472 Zfp472 | ZNF625- ZNF20 | 47.756 | 312 | 153 | 1 | 230 | 531 | 110 | 421 | 1.22E-85 | 275 |
| Zfp472 Zfp472 Zfp472 Zfp472 | ZNF625- ZNF20 | 45.833 | 288 | 146 | 1 | 257 | 534 | 81 | 368 | 6.51E-70 | 234 |
| Zfp472 Zfp472 Zfp472 Zfp472 | ZNF625- ZNF20 | 48.171 | 164 | 84 | 1 | 144 | 307 | 370 | 532 | 3.62E-34 | 136 |
| Zfp472 Zfp472 Zfp472 Zfp472 | ZNF20 | 48.577 | 527 | 263 | 4 | 8 | 528 | 5 | 529 | 1.79E-161 | 470 |
| Zfp472 Zfp472 Zfp472 Zfp472 | ZNF20 | 47.756 | 312 | 153 | 1 | 230 | 531 | 110 | 421 | 1.22E-85 | 275 |
| Zfp472 Zfp472 Zfp472 Zfp472 | ZNF20 | 45.833 | 288 | 146 | 1 | 257 | 534 | 81 | 368 | 6.51E-70 | 234 |
| Zfp472 Zfp472 Zfp472 Zfp472 | ZNF20 | 48.171 | 164 | 84 | 1 | 144 | 307 | 370 | 532 | 3.62E-34 | 136 |

BLASTP AGAINST HUMAN PROTEINS

Zfp763

| | | | | | | | | | | | |
|-----------------------------|--------|--------|-----|-----|---|-----|-----|-----|-----|-----------|-----|
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF709 | 52.048 | 586 | 266 | 6 | 7 | 581 | 1 | 582 | 0 | 532 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF709 | 52.905 | 482 | 216 | 4 | 106 | 584 | 168 | 641 | 5.51E-149 | 444 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF709 | 51.255 | 478 | 222 | 5 | 82 | 556 | 172 | 641 | 4.15E-142 | 426 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF709 | 52.815 | 373 | 110 | 5 | 278 | 584 | 101 | 473 | 3.73E-104 | 328 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF14 | 48.9 | 591 | 282 | 6 | 7 | 584 | 1 | 584 | 3.37E-175 | 511 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF14 | 51.288 | 427 | 197 | 5 | 106 | 529 | 223 | 641 | 1.07E-122 | 376 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF791 | 49.57 | 581 | 252 | 7 | 7 | 581 | 1 | 546 | 4.20E-169 | 493 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF433 | 47.952 | 586 | 295 | 7 | 7 | 584 | 1 | 584 | 2.04E-164 | 484 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF433 | 46.735 | 490 | 250 | 5 | 99 | 585 | 188 | 669 | 1.01E-125 | 385 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF433 | 46.025 | 478 | 247 | 5 | 84 | 558 | 201 | 670 | 1.95E-117 | 363 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF433 | 49.416 | 257 | 120 | 1 | 341 | 587 | 107 | 363 | 6.27E-63 | 220 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF433 | 47.782 | 586 | 296 | 7 | 7 | 584 | 3 | 586 | 1.83E-163 | 482 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF433 | 46.735 | 490 | 250 | 5 | 99 | 585 | 190 | 671 | 1.03E-125 | 385 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF433 | 46.025 | 478 | 247 | 5 | 84 | 558 | 203 | 672 | 2.17E-117 | 363 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF433 | 49.416 | 257 | 120 | 1 | 341 | 587 | 109 | 365 | 6.23E-63 | 220 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF433 | 47.863 | 585 | 295 | 7 | 8 | 584 | 5 | 587 | 1.89E-163 | 482 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF433 | 46.735 | 490 | 250 | 5 | 99 | 585 | 191 | 672 | 1.12E-125 | 385 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF433 | 46.025 | 478 | 247 | 5 | 84 | 558 | 204 | 673 | 2.33E-117 | 363 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF433 | 49.416 | 257 | 120 | 1 | 341 | 587 | 110 | 366 | 6.27E-63 | 220 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF20 | 48.354 | 577 | 244 | 5 | 7 | 581 | 1 | 525 | 2.76E-163 | 477 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF20 | 49.867 | 375 | 178 | 1 | 220 | 584 | 99 | 473 | 1.44E-104 | 326 |
| Zfp763 Zfp763 Zfp763 Zfp763 | ZNF20 | 48.538 | 342 | 166 | 1 | 256 | 587 | 79 | 420 | 2.22E-89 | 286 |

BLASTP AGAINST HUMAN PROTEINS

| | | | | | | | | | | | | |
|---------------------------------|---------|--------|-----|-----|---|-----|-----|-----|-----|-----------|-----|--|
| Zfp955a | | | | | | | | | | | | |
| Zfp955a Zfp955a Zfp955a Zfp955a | ZNF14 | 44.156 | 539 | 294 | 3 | 7 | 544 | 1 | 533 | 3.69E-134 | 404 | |
| Zfp955a Zfp955a Zfp955a Zfp955a | ZNF14 | 41.649 | 485 | 258 | 6 | 59 | 540 | 179 | 641 | 6.44E-99 | 313 | |
| Zfp955a Zfp955a Zfp955a Zfp955a | ZNF14 | 39.437 | 426 | 215 | 7 | 59 | 457 | 233 | 642 | 3.55E-72 | 243 | |
| Zfp955a Zfp955a Zfp955a Zfp955a | ZNF709 | 42.171 | 562 | 301 | 1 | 7 | 544 | 1 | 562 | 5.03E-132 | 399 | |
| Zfp955a Zfp955a Zfp955a Zfp955a | ZNF709 | 43.384 | 461 | 247 | 2 | 84 | 544 | 172 | 618 | 5.35E-106 | 332 | |
| Zfp955a Zfp955a Zfp955a Zfp955a | ZNF709 | 39.713 | 418 | 230 | 2 | 84 | 483 | 228 | 641 | 7.24E-79 | 261 | |
| Zfp955a Zfp955a Zfp955a Zfp955a | ZNF20 | 42.857 | 532 | 297 | 4 | 7 | 537 | 1 | 526 | 4.31E-130 | 390 | |
| Zfp955a Zfp955a Zfp955a Zfp955a | ZNF20 | 45.312 | 320 | 169 | 2 | 226 | 544 | 136 | 450 | 2.59E-77 | 253 | |
| Zfp955a Zfp955a Zfp955a Zfp955a | ZNF20 | 36.278 | 317 | 187 | 4 | 84 | 400 | 228 | 529 | 8.01E-46 | 169 | |
| Zfp955a Zfp955a Zfp955a Zfp955a | ZNF625- | | | | | | | | | | | |
| Zfp955a Zfp955a Zfp955a Zfp955a | ZNF20 | 42.911 | 529 | 295 | 4 | 10 | 537 | 7 | 529 | 2.97E-129 | 388 | |
| Zfp955a Zfp955a Zfp955a Zfp955a | ZNF625- | | | | | | | | | | | |
| Zfp955a Zfp955a Zfp955a Zfp955a | ZNF20 | 36.761 | 457 | 265 | 7 | 107 | 544 | 2 | 453 | 2.08E-77 | 254 | |
| Zfp955a Zfp955a Zfp955a Zfp955a | ZNF625- | | | | | | | | | | | |
| Zfp955a Zfp955a Zfp955a Zfp955a | ZNF20 | 36.278 | 317 | 187 | 4 | 84 | 400 | 231 | 532 | 8.93E-46 | 169 | |

BLASTP AGAINST HUMAN PROTEINS

| Zfp958 | | | | | | | | | | | | |
|-----------------------------|--------|--------|-----|-----|---|----|-----|-----|-----|-----------|------|--|
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF791 | 53.094 | 501 | 196 | 6 | 1 | 467 | 1 | 496 | 1.14E-176 | 508 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF791 | 54.318 | 440 | 199 | 1 | 27 | 466 | 114 | 551 | 4.85E-163 | 473 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF791 | 54.774 | 398 | 180 | 0 | 64 | 461 | 177 | 574 | 7.13E-150 | 439 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF791 | 52.809 | 89 | 42 | 0 | 66 | 154 | 487 | 575 | 7.76E-19 | 90.1 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF709 | 52.953 | 508 | 194 | 4 | 1 | 467 | 1 | 504 | 2.10E-176 | 509 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF709 | 60 | 430 | 144 | 1 | 66 | 467 | 159 | 588 | 2.38E-174 | 504 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF709 | 59.9 | 399 | 160 | 0 | 66 | 464 | 243 | 641 | 5.41E-166 | 483 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF14 | 52.756 | 508 | 194 | 5 | 1 | 467 | 1 | 503 | 5.54E-175 | 506 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF14 | 57.175 | 439 | 155 | 2 | 55 | 465 | 208 | 641 | 1.80E-165 | 481 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF14 | 50.667 | 75 | 37 | 0 | 56 | 130 | 568 | 642 | 4.51E-13 | 72.4 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF564 | 48.881 | 536 | 202 | 5 | 1 | 467 | 1 | 533 | 8.38E-170 | 489 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF136 | 51.282 | 507 | 204 | 4 | 1 | 467 | 1 | 504 | 2.17E-169 | 488 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF544 | 51.277 | 470 | 221 | 2 | 3 | 466 | 13 | 480 | 5.56E-165 | 474 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF678 | 49.701 | 501 | 215 | 3 | 4 | 467 | 44 | 544 | 4.46E-161 | 468 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF678 | 54.364 | 401 | 183 | 0 | 66 | 466 | 171 | 571 | 2.19E-142 | 421 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF678 | 51.842 | 380 | 183 | 0 | 66 | 445 | 199 | 578 | 1.35E-128 | 385 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF678 | 52.454 | 326 | 155 | 0 | 66 | 391 | 255 | 580 | 1.96E-106 | 328 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF678 | 54.132 | 242 | 111 | 0 | 64 | 305 | 337 | 578 | 4.11E-76 | 249 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF20 | 50.992 | 504 | 209 | 5 | 1 | 467 | 1 | 503 | 5.98E-161 | 466 | |
| Zfp958 Zfp958 Zfp958 Zfp958 | ZNF20 | 52.67 | 412 | 194 | 1 | 51 | 462 | 116 | 526 | 2.01E-137 | 406 | |

ALIGNMENTS TO HUMAN AND ZINC FINGERS

Ripply1: no zinc fingers found

Zfp472

| | | | |
|---------------------------------------|-----|---|-----|
| Zfp 472 Zfp 472 Zfp 472 Zfp 472/1-534 | 1 | MHQKQEMEPVTFEDVAVNFTLGEWTMLDSSQKKLYRDMVQETFLNLISIGKT-EEEDT EEEYQNPKNLRTL MVERLCKYDYGNQY | 86 |
| ZNF 20/1-532 | 1 | ...MMFQDSVAFEDVAVSFTQEEWALLDPSQKNLYRDMVQETFLNLT SVGKTWVKVQNI EDEYKKNPRNL-SLMREKLCESKESHHC | 83 |
| ZNF 709/1-641 | 1 |MDSVVFEDVAVNFTQEEWALLGPSQKKLYRDMVQETFLVNLASIGENWEEKNI ED-HKNQGRKLRSHMVERL CERKEGSQF | 80 |
| ZNF 14/1-642 | 1 |MDSVSFEDVAVNFTLEEWALLDSSQKKLYEDVMQETFLKNLVCLGKKWEDQDI EDDHRNQGKNRRCHMVERL CESRRGSKC | 81 |
| Zfp 472 Zfp 472 Zfp 472 Zfp 472/1-534 | 87 | ETHQDSPEHVANEKMPPAITECERDID.....THLPSDMHF KGQTGKKSCQYQEH.....TEKA | 140 |
| ZNF 20/1-532 | 84 | ESFNQIADDMLNKKTLPGITPCESVCGEVGTGHSNLNTHIRADTGHSSEYQEY.....GENP | 142 |
| ZNF 709/1-641 | 81 | ETISQTPNPKPNKKTFTRVKPYECSVCGKDYMHSSLNRRHMRSHTEHRFSEYHKYGEKSYECKECKGRKFRSFRSFR IHERHTGKPK | 167 |
| ZNF 14/1-642 | 82 | ETTSQMPNVNINKETFTGAKPHECSFCGRDFIHSSLNRRHMRSHTEGQKPNYEQYEKQPCCKCAVGRKTSYHHC FRKHERTHTGKPK | 168 |
| Zfp 472 Zfp 472 Zfp 472 Zfp 472/1-534 | 141 | LKHKNQWKDF TYSSELLWMMHKSPPMRQKPYEDKQGTEASRSFTTDHDYEGAYTEEKSYICKQCGKAWSDSCSLLWHERSHIQEKRHTC | 227 |
| ZNF 20/1-532 | 143 | YRNKECKKAF SYLDSFQSHDKACTKEKPYDGKECTETFISHSCIQRRVMHSGDGPYCKFCGKAFYFLNLCL IHERHTGKPKPYC | 229 |
| ZNF 709/1-641 | 168 | YKCKQCGKAF SWPSSFQIHERHTGKPKYCKEKGKAFIYHTTFRGHMRMHTGKPKYCKEKGKTF SHPSSFRNHERTHSGEKPYEC | 254 |
| ZNF 14/1-642 | 169 | YECKQCGKAF IYYQPFQRHERTHAGQKPYECKQCGKTFIYYQSFQKH--AHTGKPKYCKQCGKAFICYQSFQRHKRHTHTGKPKYED | 253 |
| Zfp 472 Zfp 472 Zfp 472 Zfp 472/1-534 | 228 | KQCGKAF SRPSQLHKHERIHTGKPKYVCTHCGKAFIDRRTCNHHERHTHTGKPKFAACKQCGKAF LRSC..... | 294 |
| ZNF 20/1-532 | 230 | KQCGKAF TRSTTLPVHERHTGVNADECKECCGNAFSFPSEIRRHKRSHTGKPKYCKQCGKVFISFS..... | 296 |
| ZNF 709/1-641 | 255 | KQCGKAF RYYQTFQIHERHTGKPKYCKQCGKALSCPTSFRRSHERHTGKPKYCKKCGKAF SFPSSFRKHERIHTGKPKYDCKED | 341 |
| ZNF 14/1-642 | 254 | KQCGKAF SCPTYFRTHERHTGKPKYCKEKGKAFSFLSSFRRHKRTHSGEKPYECKEKGKAFYASFRRAHVI IHTGARPYKCKEC | 340 |
| Zfp 472 Zfp 472 Zfp 472 Zfp 472/1-534 | 295 |QLLIHERIHTGERPFVCKHCGKAF TYSSACYYHERIHTGKPKVCCKQCGKA | 345 |
| ZNF 20/1-532 | 297 |SIQYHKMTHTGKPKYCKQCGKAFRCGSHLQKHGRHTHTGKPKYECRQCGKA | 347 |
| ZNF 709/1-641 | 342 | GKAFISLPSYRRHMIMHTGNGPYKCKEKGKAFDCPSSFQIHERHTGKPKYCKQCGKAFSCSSSFRMHERHTHTGKPKHECKQCGKA | 428 |
| ZNF 14/1-642 | 341 | GKAFNSSNSCRVHERTHIGEKPYECKRCKGKSF SWSISLRLHERHTHTGKPKYCKQCHKTF SFSSSLREHETHTHTGKPKYCKQCGKT | 427 |
| Zfp 472 Zfp 472 Zfp 472 Zfp 472/1-534 | 346 | FKCSAYLHIHERSHSGEKPYVCKHCGKAFAYATGCHKHERIHTGKPKYMCVQCGKLF TFPRLHIHERSHSGEKPYVCKQCGKSF TQ | 432 |
| ZNF 20/1-532 | 348 | FRCTSDLRHEKTHTEDKPYGCKQCGKGFRCASQLQIHERTHSGEKPKHECKEKGKVF KYFSSSLRIHERHTHTGKPKHECKQCGKAFRY | 434 |
| ZNF 709/1-641 | 429 | FSCSSSVRIHERHTHTGKPKYCKQCGKAFSCSSSFRMHERIHTGKPKYCKQCGKAF SFPSSFRMHERHTHTGKPKYCKQCGKAFSC | 515 |
| ZNF 14/1-642 | 428 | FSFSSSLQRHERTHNAEKPYECKQCGKAFRCSSYFRIHERSHHTGKPKYCKQCGKVFIRSSSFRLHERHTHTGKPKYCKLCKGKTF SF | 514 |
| Zfp 472 Zfp 472 Zfp 472 Zfp 472/1-534 | 433 | G TSLRRHERIHTGKPKYVCKQCGKAFIQRDDCYSHERHTHTGKPKFMCVQCGKTF TFSKSLQIHEKNHTGKPKYICKQCGKAF TCSTY | 519 |
| ZNF 20/1-532 | 435 | FSSLHIHERHTHTGKPKYCKVCGKAF TCSSSIRYHERHTHTGKPKYCKHCGKAFI-SNYIRYHERHTHTGKPKYCKQCGKAF IRASS | 520 |
| ZNF 709/1-641 | 516 | SSSFRMHERHTHTGKPKYCKQCGKAFSCSSSIRIHERHTHTGKPKYCKQCGKAFSCSSSVRMHERHTHTGKPKYCKQCGKAFSCRS | 602 |
| ZNF 14/1-642 | 515 | SSSLREHEKIHTGNKPFCKQCGKAF LRSSQIRLHERHTHTGKPKYCKQCGKAFISSKFRMHERHTHTGKPKYRCKQCGKAF R FSS | 601 |
| Zfp 472 Zfp 472 Zfp 472 Zfp 472/1-534 | 520 | LLRHERTHSEKLLSG..... | 534 |
| ZNF 20/1-532 | 521 | CREHERHTINR..... | 532 |
| ZNF 709/1-641 | 603 | FR IHERHTHTGKPKYACQCGKAFKCSRSFR IHERVHSGE.. | 641 |
| ZNF 14/1-642 | 602 | VR IHERSHHTGKPKYCKQCGKAFISSSHFRLHERTHMGKVK | 642 |

Zfp4/2



ZNF709



ZNF14



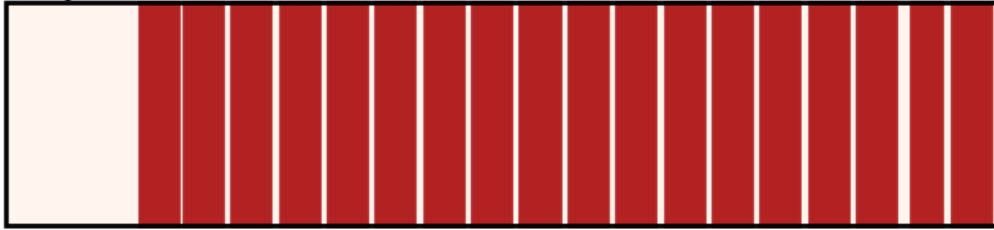
ZNF20



Zfp35 – ZNF420 only

| | | | | |
|-----------------------------------|-----|---|---|--------------------------------------|
| Zfp 35 Zfp 35 Zfp 35 Zfp 35/1-580 | 1 |-MEIQFSYESQDHHF.....LSGGETKIKIGEPATEEEMTGKIGTVTEES | SL | 47 |
| ZNF420_1/1-704 | 1 | MARELVMFRDVAIDFSQEEWECLDSAQRDLRYDVMLNYSNLVSLGLPSRCASKDLSPEKNTYETELSQWEMSDRLENCdleESNSRDYLEAK..... | GKM | 96 |
| ZNF420_2/1-617 | 1 |MSDRLENCdleESNSRDYLEAK..... | GKM | 25 |
| Zfp 35 Zfp 35 Zfp 35 Zfp 35/1-580 | 48 | EEDVPHDSRGKEFRREFEELNDQM-LFRR.....RQYNCECDQSF | AWSTGLIRHQRTHW--KPYECEEGKAFRMSSALVLRHQR | IHTGKPYPC |
| ZNF420_1/1-704 | 97 | EKQ--QENQKEYFRQ-GMIIDYDKMSIFNQHTYLSQHSRCHSTEKPYKCKE | CGKAFRRASHLTQHQS | IHTGKPYECKQCGKAFSRDSQLSLHQR |
| ZNF420_2/1-617 | 26 | EKQ--QENQKEYFRQ-GMIIDYDKMSIFNQHTYLSQHSRCHSTEKPYKCKE | CGKAFRRASHLTQHQS | IHTGKPYECKQCGKAFSRDSQLSLHQR |
| Zfp 35 Zfp 35 Zfp 35 Zfp 35/1-580 | 135 | SWCIKSF | SRSSDLIKHQRVHTGKPYKCECGKAF | SQSSDLMIHQRIHTGKPYQCSHCSKSF |
| ZNF420_1/1-704 | 198 | KECGKAF | TQSSQLILHHR | IHTGKPYKCECGKAF |
| ZNF420_2/1-617 | 127 | KECGKAF | TQSSQLILHHR | IHTGKPYKCECGKAF |
| Zfp 35 Zfp 35 Zfp 35 Zfp 35/1-580 | 239 | TGKPYK | DVCGKAF | SQSSDRILHQR |
| ZNF420_1/1-704 | 302 | TGKPYECKE | CGKAFICGSSQLSQHQKIHNGEKPYECKE | CGRAFIRGSLLMQHQR |
| ZNF420_2/1-617 | 231 | TGKPYECKE | CGKAFICGSSQLSQHQKIHNGEKPYECKE | CGRAFIRGSLLMQHQR |
| Zfp 35 Zfp 35 Zfp 35 Zfp 35/1-580 | 343 | L | INHQR | IHTGKPYPC |
| ZNF420_1/1-704 | 406 | LTQHQR | IHTGKPYQCKE | CGKAFNRGSL |
| ZNF420_2/1-617 | 335 | LTQHQR | IHTGKPYQCKE | CGKAFNRGSL |
| Zfp 35 Zfp 35 Zfp 35 Zfp 35/1-580 | 447 | KSF | SQSSDLTKHQRVHSGEKPYHCSSCNKAF | RQSSDLILHHRVHTGERPYACTQ |
| ZNF420_1/1-704 | 510 | MAFTQSSHL | SQHQLHTGKPYVCNECGKAF | ARGLLL |
| ZNF420_2/1-617 | 439 | MAFTQSSHL | SQHQLHTGKPYVCNECGKAF | ARGLLL |
| Zfp 35 Zfp 35 Zfp 35 Zfp 35/1-580 | 550 | PYP | CAQCGKSF | SQRSDLVNHQRVHA..... |
| ZNF420_1/1-704 | 614 | PYECRECRKAFTQSSHL | SRHQR | IHTGFLAGQDRSDIYMSRRFTKSIFPVFFSVPTMWT |
| ZNF420_2/1-617 | 543 | PYECRECRKAFTQSSHL | SRHQR | IHTGFLAGQDRSDIYMSRRFTKSIFPVFFSVPTMWT |

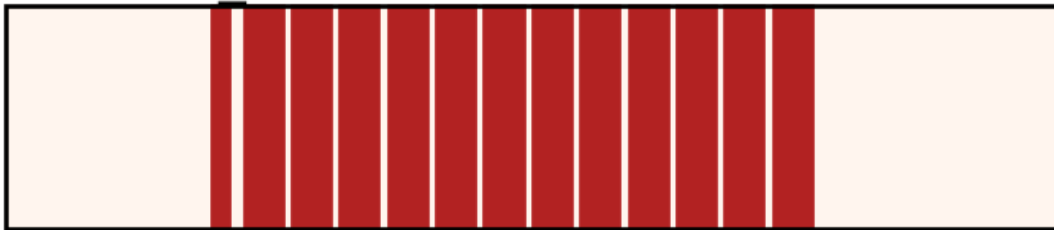
Zfp35



ZNF420_1



ZNF420_2



Zfp36

| | | | |
|--|-----|--|-----|
| <i>Zfp 36 Zfp 36 Zfp 36 Zfp 36/1-319</i> | 1 | MDLSAIYESLQSM SHD . . LSSDHGGTES LGGLWNIN - SDSIPSGVTSRLTGRSTSLVEGRSCGWV | 62 |
| <i>ZFP36/1-332</i> | 1 | MANRYTMDLTAIYEGLLSLSPDVPVPSDHGGTESSPGWGSSGPWLSLSPSDSSPSGVTSRLPGRSTSLVEGRSCGWV | 76 |
| <i>Zfp 36 Zfp 36 Zfp 36 Zfp 36/1-319</i> | 63 | PPPPGFAPLAPRP GPELSPSPTSPTATPTTS SRYKTELCRTY SESGRCRYGAKCQFAHGLGELRQANRHPKYKTEL | 138 |
| <i>ZFP36/1-332</i> | 77 | PPPPGFAPLAPRL GPELSPSPTSPTATSTTP SRYKTELCRTF SESGRCRYGAKCQFAHGLGELRQANRHPKYKTEL | 152 |
| <i>Zfp 36 Zfp 36 Zfp 36 Zfp 36/1-319</i> | 139 | CHKFYLQGRCPYGS RCHF IHNPT EDLALPGQPHVLRQSI SF SGLPSGRRS SPPPPGF SGPSSLSS CSFSPSSSPPPP | 214 |
| <i>ZFP36/1-332</i> | 153 | CHKFYLQGRCPYGS RCHF IHNPS EDLAAPGHPPVLRQSI SF SGLPSGRRTSPPPPGLAGPSLSS SFSPSSSPPPP | 228 |
| <i>Zfp 36 Zfp 36 Zfp 36 Zfp 36/1-319</i> | 215 | GDLPLSPSAF SAAPGTPVTRRDP NQACCPSRRSTTPSTI WGPLGGLARSPSAH SLGSDPDD YASSGSSLGGSDSP | 290 |
| <i>ZFP36/1-332</i> | 229 | GDLPLSPSAF SAAPGTPLARRDP TPVCCPSRRRA - TPI SVWGPLGGLV R T P SVQSLGSDPDEYASSGSSLGGSDSP | 303 |
| <i>Zfp 36 Zfp 36 Zfp 36 Zfp 36/1-319</i> | 291 | VFEAGVFGPPQTPAPP RRLPIFNRI SVSE | 319 |
| <i>ZFP36/1-332</i> | 304 | VFEAGVFAAPPQVAAPP RRLPIFNRI SVSE | 332 |

ZFP36



ZFP36



Note: zf-CCCH, not C2H2

Zfp157

Zfp 157/Zfp 157/Zfp 157/Zfp 157/1-567 1 - - MGLVSVFEDVAVDFTWQEWQELDAAQRTL YRDV - - - - - ML 34
ZNF 25/1-420 1 - - - - - ML 2
ZNF 420_1/1-704 1 MARELVLMFRDVAIDFSQEEWEC L D S AQRDL YRDV MLENYSNLVSLGLPSRCASKDLSPEKNTYETELSQWEMSDRLENCDLEESNSRDYLEAKGKMEKQQ 100
ZNF 420_2/1-617 1 - - - - - MSDRLENCDLEESNSRDYLEAKGKMEKQQ 29

Zfp 157/Zfp 157/Zfp 157/Zfp 157/1-567 35 ENYSSLVSLGHCVTKPEL I L - - - - - RLEHGFPWISIGDT - SVWRLPGVLEVYTPNESCLENAESRMWPVGSINRNLNSNKE - - - - - MIEAEMKQVL 118
ZNF 25/1-420 3 ENYSHLVSVGYHVHNKPNVAF - - - - - KLKQGKEPWILE - - - VEFPHRGFPE - - - - - DLWSIHDL EARYQESQAGN - - SRNGELTKHQ 73
ZNF 420_1/1-704 101 ENQKEYFRQGMIIYDKMSIFNQHTYLSQHSRCHSTEKPKYKCECGKAFRRASHLT - - - - - QHQS IHTG EKPYECKQCGKAFSRDSQLSLHQ 186
ZNF 420_2/1-617 30 ENQKEYFRQGMIIYDKMSIFNQHTYLSQHSRCHSTEKPKYKCECGKAFRRASHLT - - - - - QHQS IHTG EKPYECKQCGKAFSRDSQLSLHQ 115

Zfp 157/Zfp 157/Zfp 157/Zfp 157/1-567 119 ELPRGTPKPYECKPCMKMVS L P S QCSQKHAYYPSVKPYEWKECQKAF CYKSAL T Q HQRARTRLK I YQ - - - - - CTECKK 190
ZNF 25/1-420 74 KTHTEKACECKEKGKFFCQK S A L I VHQHTHSK G K S Y D O D K C G K S F S K N E D L I R H Q K I H T R D K T Y E - - - - - C K E C K K 145
ZNF 420_1/1-704 187 RLHTGKPYACECKEKGKAF T Q S S Q L I L H H R I H T G E K P Y K C E E C G K A F I R S S Q L T R H Q K V H T G E K P Y E C K E C G K A F T Q N S Q L T L H Q R L H T G E K L Y E C K E C R K 286
ZNF 420_2/1-617 116 RLHTGKPYACECKEKGKAF T Q S S Q L I L H H R I H T G E K P Y K C E E C G K A F I R S S Q L T R H Q K V H T G E K P Y E C K E C G K A F T Q N S Q L T L H Q R L H T G E K L Y E C K E C R K 215

Zfp 157/Zfp 157/Zfp 157/Zfp 157/1-567 191 A F S S K S E L T V H R I H T G E K P H A C E E C G K A F Y R K S T L T V H Q K T H R G E K P Y E C K E C W K A F Y Y K S T L T E H Q R I H T G E K P Y V C K D C G K A F Y K S N L T R H H R T H T 290
ZNF 25/1-420 146 I F Y H L S S L S R H L R T H A G E K P Y E C N Q C E K S F Y Q K P H L T E H Q K T H T G E K P F E C T E C G K F F Y V K A Y L M V H Q K T H T G E K P Y E C K E C G K A F S Q K S H L T V H Q R M H T 245
ZNF 420_1/1-704 287 V F T Q L S Q L I L H K R I H T G E K P Y E C K E C G K A F I C G S Q L S Q H Q K I H N G E K P Y E C K E C G R A F I R G S L L M Q H Q R I H T G E K P Y C E E C G K A F I R G S Q L T Q H R I H T 386
ZNF 420_2/1-617 216 V E T Q L S Q L I L H K R I H T G E K P Y E C K E C G K A F I C G S Q L S Q H Q K I H N G E K P Y E C K E C G R A F I R G S L L M Q H Q R I H T G E K P Y C E E C G K A F I R G S Q L T Q H R I H T 315

Zfp 157/Zfp 157/Zfp 157/Zfp 157/1-567 291 REKPYECKEGRKGFSSKSEL T S H H R T H T G E K P Y Q C E E C G K A F Y C K S T L R V H Q K I H S G E K P Y E C K E C Q K S F Y Y K S T L T E H Q R T H T G E K P Y E C K D C G K A F Y 390
ZNF 25/1-420 246 GEKPYKCKEKGKFFSRNSHLKTHORSHTGKPYECKEGRKCFYQKSAL TVHQRTHTGKPFECNKGKTFYYKSDLT KHQRKHTGKPYECTECGKSF AV 345
ZNF 420_1/1-704 387 NEKPYECKEKGKMF SHG S Q L T Q H R I H T G E K P Y Q C K E C G K A F N R G S L L T R H Q R I H T G E K P Y E C K E C G K T F S R G S E L T Q H E R I H T G E K P Y E C K E C G K S F I R 486
ZNF 420_2/1-617 316 NEKPYECKEKGKMF SHG S Q L T Q H R I H T G E K P Y Q C K E C G K A F N R G S L L T R H Q R I H T G E K P Y E C K E C G K T F S R G S E L T Q H E R I H T G E K P Y E C K E C G K S F I R 415

Zfp 157/Zfp 157/Zfp 157/Zfp 157/1-567 391 K S Q L T R H H R I H T G E K P Y E C E C R K A F S S K S E L T A H H R T H T - - - - - G E R P Y E C K D C G K C F Y R K S H L T L H H R I H T G E K P 462
ZNF 25/1-420 346 N S V L R L H Q R T H T G E K P Y A C K E C G K S F S Q K S H F I I H Q R K H T - - - - - G E K P Y E C Q E C G E T F I Q K S Q L T A H Q K T H T K K R N 417
ZNF 420_1/1-704 487 G S Q L T Q H R I H T G E K P Y E C K E C R M A F T Q S S H L S Q H Q R L H T G E K P Y V C N E C G K A F A R G L L L I Q H Q R I H T G E K P Y Q C K E C G K A F I R G S Q L T Q H R I H T G E K P 586
ZNF 420_2/1-617 416 G S Q L T Q H R I H T G E K P Y E C K E C R M A F T Q S S H L S Q H Q R L H T G E K P Y V C N E C G K A F A R G L L L I Q H Q R I H T G E K P Y Q C K E C G K A F I R G S Q L T Q H R I H T G E K P 515

Zfp 157/Zfp 157/Zfp 157/Zfp 157/1-567 463 Y E C K D C R K A F F C K S G L A R H L G T H T H G T N T K N R E K H F P A T H S S V N I R N D - - - - - I Q V R N - - - - P V A L N N E K L S T I N H S S V H M M D F L E L R S P I D V H N 549
ZNF 25/1-420 418 A E K - - - - - 420
ZNF 420_1/1-704 587 Y E C K E C G K A F S H G S Q L T L H Q R I H T G E K P Y E C R E C R K A F T Q S S H L S R H Q R I H T G F L A G Q Q D R S D I Y M S R R F T K S I F P V F F S V P T M W T S K L E L R Y S H G D F E N 686
ZNF 420_2/1-617 516 Y E C K E C G K A F S H G S Q L T L H Q R I H T G E K P Y E C R E C R K A F T Q S S H L S R H Q R I H T G E K P Y Q C K E C - - - - G K A F T R G S Q L T Q H R I H I S E K S F E Y K E C G I D F S H 611

Zfp 157/Zfp 157/Zfp 157/Zfp 157/1-567 550 A G K L T F L T H A S F N V N E L R - - - - - 567
ZNF 25/1-420 - - - - -
ZNF 420_1/1-704 687 G I W V L W I M E Q K Y R R S L Q P - - - - - 704
ZNF 420_2/1-617 612 G - - - - - S Q V Y M - - - - - 617

ZNF420_1



ZNF420_2



ZNF25



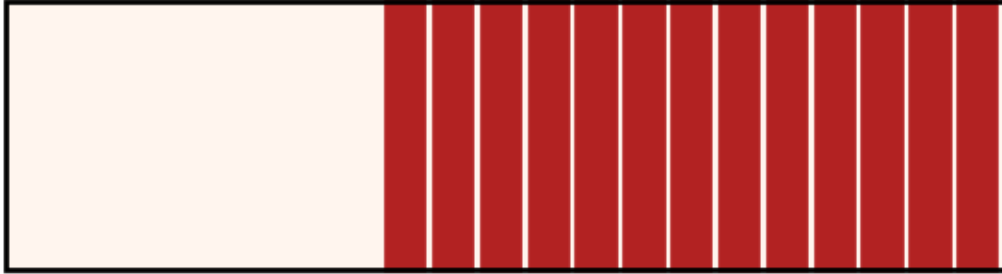
Zfp157



Zfp763

| | | | |
|--|-----|---|-----|
| <i>Zfp 763 Zfp 763 Zfp 763 Zfp 763/1-588</i> | 1 | MHMKEEMEPVTFEDVAVNFSPEWALLDSSQKKLYRDVMTETFMNLSIGKT--EENIEEDYANVRSRLRTQMIG | 72 |
| <i>ZNF 709/1-641</i> | 1 |MDSVVFEDVAVNFTQEEWALLGPSQKKLYRDVMQETFVNLASIGENWEEKNIEDHKNQGRKLRSHMVE | 68 |
| <i>Zfp 763 Zfp 763 Zfp 763 Zfp 763/1-588</i> | 73 | RNCKYEDSFQRGEAHRRIPEYVVNKGMP SATAVYESNVWARGIRAHSPSRVHLTDETGAKPFENKEHVHVAFYQ | 146 |
| <i>ZNF 709/1-641</i> | 69 | RLCERKEGSDQFGETISQTPNPKPNKKTFTRVKPYECSSVCGKDYMCCHSSLNRHMRSHTEHRSYEYHKYGEKSYEC | 142 |
| <i>Zfp 763 Zfp 763 Zfp 763 Zfp 763/1-588</i> | 147 | E...TRYADVTS...SEPSHILEGPREIVYQKKQPNEAYRILTSQNYERIDS-EGTYN--QFDKAIQRYAYFQ | 211 |
| <i>ZNF 709/1-641</i> | 143 | KECGKRFSFRSSFR IHERHTHTGKPK-...YKCKQCGKAF SWPSSSFQ IHERHTHTGKPYECKECKGKAF IYHTTFR | 212 |
| <i>Zfp 763 Zfp 763 Zfp 763 Zfp 763/1-588</i> | 212 | MYEKLHTRVKPFMCKQCGEAFVHFSQLVYHERIHTGEECYVCSQCGKAFRHYSYLQKHERIHSQDTPYVCKQCG | 285 |
| <i>ZNF 709/1-641</i> | 213 | GHRMHTGKPKYKCKECKGKTF SHPSSFRNHERTHSGEKPYECKQCGKAFRYQTFQ IHERHTHTGKPYQCKQCG | 286 |
| <i>Zfp 763 Zfp 763 Zfp 763 Zfp 763/1-588</i> | 286 | KAFVRRSSHL LVHERHTHTGKPYTCKHCGKAF SHHSACYRHEV IHTEEK..... | 333 |
| <i>ZNF 709/1-641</i> | 287 | KALSCPTSF RSHER IHTGKPYKCKKCGKAF SFPSSFRKHER IHTGKPYDCKECKGKAF ISLPSYRRHMIMHTG | 360 |
| <i>Zfp 763 Zfp 763 Zfp 763 Zfp 763/1-588</i> | 334 | -PYVCKQCGKAF T CSTSLRNHGR IHTGKPYACKQCGKSF IQRDACYNHERHTHTGKPYVCKQCGKAF TWSTC | 405 |
| <i>ZNF 709/1-641</i> | 361 | NGPYKCKECKGKAFDCPSSFIHERHTHTGKPYECKQCGKAFSCSSSFRMHHERHTHTGKPHCECKQCGKAFSCSSS | 434 |
| <i>Zfp 763 Zfp 763 Zfp 763 Zfp 763/1-588</i> | 406 | LRNHERTHTGKPYTCKHCGKAF THSSSTRYSHERIHTGKPYVCKKCGKAF IHSSHLISHEKIHTGKPYPKH | 479 |
| <i>ZNF 709/1-641</i> | 435 | VR IHERHTHTGKPYECKQCGKAFSCSSSFRMHHERIHTGKPYECKQCGKAFSFS SSSFRMHHERHTHTGKPYECKQ | 508 |
| <i>Zfp 763 Zfp 763 Zfp 763 Zfp 763/1-588</i> | 480 | CGKAF IQRKACHNHERHTHTGKPYACKYCEKAFRCSTYL RNHERHTHTGKPYICKHCGKAF THQSA..... | 545 |
| <i>ZNF 709/1-641</i> | 509 | CGKAFSCSSSFRMHHERHTHTGKPYECKQCGKAFSCSSSIR IHERHTHTGKPYECKQCGKAFSCSSSVRMHERTH | 582 |
| <i>Zfp 763 Zfp 763 Zfp 763 Zfp 763/1-588</i> | 546 |RYR-HERIHTGKPYVCKKCGKAFSDCSYLVKHERIHWRETLHM | 588 |
| <i>ZNF 709/1-641</i> | 583 | TGVKPYECKQCDKAFSCRSFR IHERHTHTGKPYACQCGKAFKCSRSFRIHERVHSGE..... | 641 |

ZFP705



ZNF709



Zfp955a



ZNF709



ZNF20



ZNF14



ZNF700



ZNF791



ZNF799



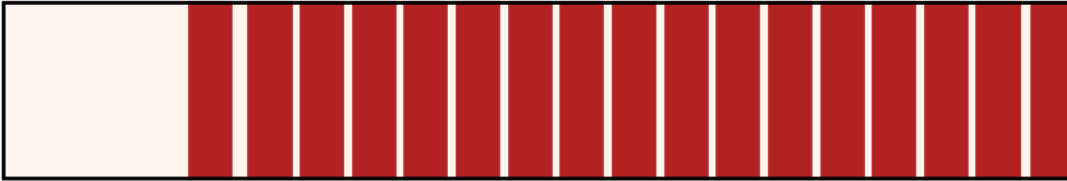
Zfp958

| | | |
|---------------------------------------|--|-----|
| Zfp 958 Zfp 958 Zfp 958 Zfp 958/1-467 | 1 MDAVTFDDVHVDFTISEEWALLDP SQKSLYKDVMLETYWNLTAIGYNLEDDQTIEE..... | 54 |
| ZNF 791/1-576 | 1 MDSVAFEDVSVSFSQEEWALLAP SQKKLYRDVMQETFKNLASIGEKWEDPNVEDQHKNQGRNLRSHSTGERLCEGKEGSQCAENFS..PNLSVTKKT-AGVKPYEC | 102 |
| ZNF 709/1-641 | 1 MDSVVFEDVAVNFTQEEWALLGP SQKKLYRDVMQETFVNLASIGENWEEKNI ED-HKNQGRKLRSHMVERLCEERKEGSQFGETISQTPNPKPNKKTFTRVKPYEC | 104 |
| ZNF 14/1-642 | 1 MDSVSEFDVAVNFTLEEWALLDS SQKKLYEDVMQETFKNLVCLGKKWEDQDI EDHNRQGGKRRRCHMVERLCEERRGSKOGETTSQMPNVNINKETFTGAKPHEC | 105 |
| Zfp 958 Zfp 958 Zfp 958 Zfp 958/1-467 | 55HFQSSRRHGRP..... | 88 |
| ZNF 791/1-576 | 103 TICGKAFMRLSSLTRHMRSHTGYELFE.....KPYKCKECKEAF SYLKSFRQHERSHSTGEPKYKCKQCGKTFIYHQ | 173 |
| ZNF 709/1-641 | 105 SVCGKDYMCHSSLNRHMRSHTEHRSYEYHKYGEKSYECKECCGRFSFRSSFR IHERHTHTGEPKYKCKQCGKAF SWPSSSQ IHERHTHTGEPYCKECCGKAFIYHT | 209 |
| ZNF 14/1-642 | 106 SFCGRDFIHHSSLNRHMRSHTGQKPNEYQEYEQPCCKAVGKTF SYHHCFRKHHERHTHTGVKPYECKQCGKAFIYYQPFQRHERTHAQKPYECKQCGKTFIYYQ | 210 |
| Zfp 958 Zfp 958 Zfp 958 Zfp 958/1-467 | 89 SLQIH.....KRIHTGKKFYECNPGKAFAYHCHLR IHKRIHTAEKLYKIQCGKAFSEHNTLQKHKRTHSEKPYECNQCG | 165 |
| ZNF 791/1-576 | 174 PFQRH.....ERTHIGEPYCKQCGKALSCSSSLRVHER IHTGEPYCKQCGKAFSCSSSIRVHERHTHTGEPYACKECG | 250 |
| ZNF 709/1-641 | 210 TFRGHMRMHTGEPKYKCKECCGKTF SHPSSFRNHHERTHSGEPYCKQCGKAFRYQTFQ IHERHTHTGEPYCKQCGKALSCPTSF RSHER IHTGEPKYKCKKCG | 314 |
| ZNF 14/1-642 | 211 SFQKH--AHTGKKPYECKQCGKAFICYQSFQRHKRTHGEPYCKQCGKAFSCPTYFRTHERTHTGEPKYKCKECCGKAFSFLSSFRHRKRTHSGEPYCKECCG | 313 |
| Zfp 958 Zfp 958 Zfp 958 Zfp 958/1-467 | 166 KAF AHNILRNHERTHIGEPYQCNEDKAF SQHYLLRIHKRIHTGEPYECNQCDKAFACL SYLRVHGRHTHTGEPKYKCNQCGKVFASHSNLKRHKRTHTGEKP | 270 |
| ZNF 791/1-576 | 251 KAF ISHTSVLTHMITHNGDRPYKCKECCGKAFIFPSFLRVHER IHTGEPKYKCKQCGKAFRCSTSIQIHER IHTGEPKYKCKECCGKSF SARPAFRVHVRHTGEPK | 355 |
| ZNF 709/1-641 | 315 KAF SFPSSFRKHER IHTGEPKYDCKECCGKAFISLPSYRRHMIMHTGNGPYKCKECCGKAFDCPSSSQ IHERHTHTGEPYCKQCGKAFSCSSSFRMHERHTHTGEPK | 419 |
| ZNF 14/1-642 | 314 KAF YSASFRAHVI IHTGARPYKCKECCGKAFNSSNSCRVHERTHIGEPYCKRCKGKSF SWSISLRLHERHTHTGEPYCKQCHKTF SFSSSLREHETHTHTGEPK | 418 |
| Zfp 958 Zfp 958 Zfp 958 Zfp 958/1-467 | 271 YECNQCGKAFSDHHTLRIHERAHTGEPFECNQCGKTFKLHSQLR IHKRTHHTGEPHECNCQCGKTFACPPSSQKHKRIHTGEPYECNQCLKAFAYHSRLRKHER | 375 |
| ZNF 791/1-576 | 356 YKCKECCGKAFSRI SYFRIHERHTHTGEPYCKKCGKTFNYPLDLK IHKRNHTGEPYCKECCAKTFISLENFRRHMITHTGDGPYKCRDCCGKVFIFPSALRTHER | 460 |
| ZNF 709/1-641 | 420 HECKQCGKAFSCSSSVRIHERHTHTGEPYCKQCGKAFSCSSSFRMHER IHTGEPYCKQCGKAFSFSSSFRMHERHTHTGEPYCKQCGKAFSCSSSFRMHER | 524 |
| ZNF 14/1-642 | 419 YECKQCGKTFSSSSLRHERTHNAEKPYECKQCGKAFRCSSYFR IHERSHHTGEPYCKQCGKVFIRSSSFLRHERHTHTGEPYCKLGGKTFSSSSSLREHEK | 523 |
| Zfp 958 Zfp 958 Zfp 958 Zfp 958/1-467 | 376 THTGEPFRCNQCGKIFSQSSNSLQVHKRTHHTGEPYECDRCGKAFPYDSSLRVHKRTHHTGVKPYECNQCGKAFGYNSHLQRHERHTHTGEPY..... | 467 |
| ZNF 791/1-576 | 461 THTGEPYCKQCGKAFSCSSYIRIHKRTHHTGEPYCKECCGKAFIYPTSFQGHMRMHTGEPKYKCKECCGKAFSLHSSFRQRTRIHNHYEKPLECKQCGKAFSVST | 565 |
| ZNF 709/1-641 | 525 THTGEPYCKQCGKAFSCSSSIRIHERHTHTGEPYCKQCGKAFSCSSSFRMHERHTHTGVKPYECKQCDKAFSCRSFR IHERHTHTGEPKYACQCGKAFKCSR | 629 |
| ZNF 14/1-642 | 524 IHTGNKPFECKQCGKAFRLRSSQIRLHERHTHTGEPYQCKQCGKAFISSSKFRMHERHTHTGEPYRCKQCGKAFRFSSSVRIHERSHHTGEPYCKQCGKAFISS | 628 |
| Zfp 958 Zfp 958 Zfp 958 Zfp 958/1-467 | | |
| ZNF 791/1-576 | 566 SLKKHMRMHNR... | 576 |
| ZNF 709/1-641 | 630 SFR IHERVHSGE... | 641 |
| ZNF 14/1-642 | 629 HFRLHERTHMGKVF | 642 |

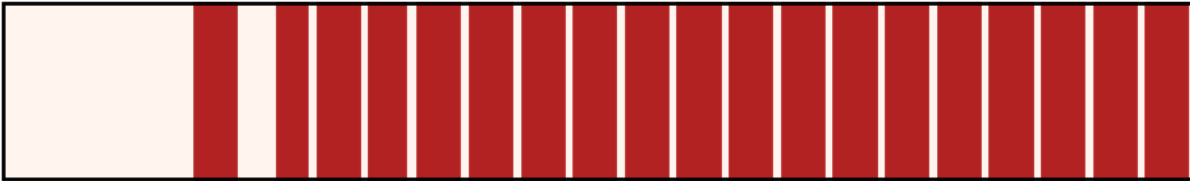
Zfp958



ZNF791



ZNF14

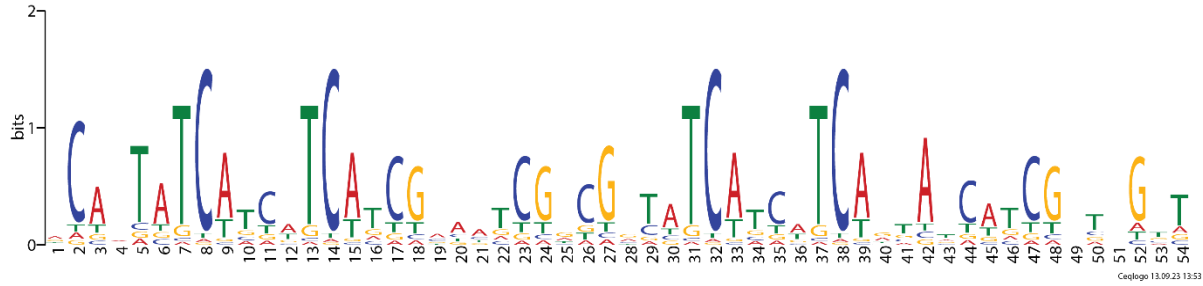


ZNF709



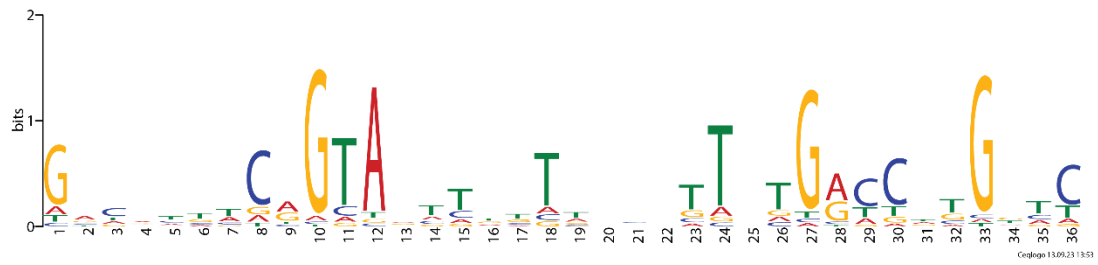
RCAD OUTPUT

Zfp35



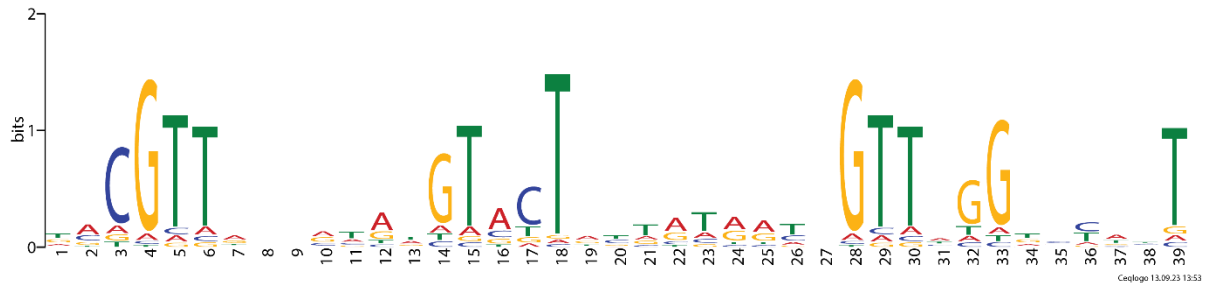
Cealogo 13.09.23 13:53

Zfp472



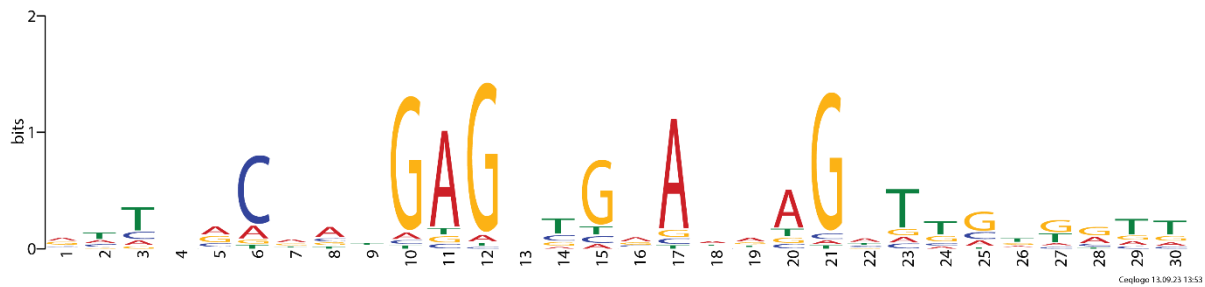
Cellage 13.09.23 13:53

Zfp763



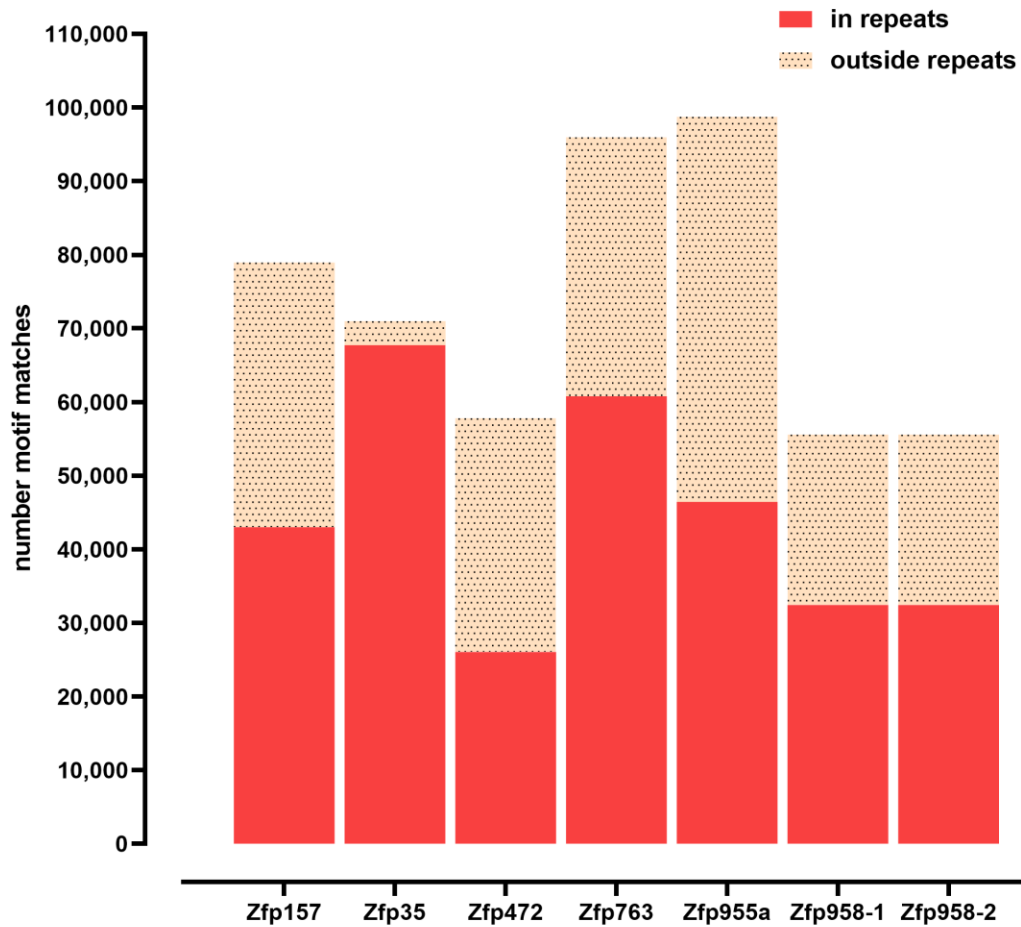
GenLogo 13.09.23 13:53

Zfp955a



Conlog 13.09.23 13:53

RCADe OUTPUT, FIMO SCAN



RCADe OUTPUT, FIMO SCAN

| | Zfp157 | Zfp35 | Zfp472 | Zfp763 | Zfp955a | Zfp958-1 | Zfp958-2 |
|-------------------|--------|-------|--------|--------|---------|----------|----------|
| DNA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DNA/hAT | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DNA/hAT? | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DNA/hAT-Blackjack | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DNA/hAT-Charlie | 0.01 | 0.00 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 |
| DNA/hAT-Tip100 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DNA/hAT-Tip100? | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DNA/MuDR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DNA/MULE-MuDR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DNA/PiggyBac | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DNA/PiggyBac? | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DNA/TcMar | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DNA/TcMar? | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DNA/TcMar-Mariner | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DNA/TcMar-Tc2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DNA/TcMar-Tigger | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.01 |
| DNA? | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LINE/CR1 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LINE/Dong-R4 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LINE/L1 | 0.57 | 0.09 | 0.41 | 0.54 | 0.37 | 0.69 | 0.69 |
| LINE/L1? | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LINE/L2 | 0.01 | 0.00 | 0.01 | 0.00 | 0.01 | 0.01 | 0.01 |
| LINE/RTE-BovB | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LINE/RTE-X | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LINE?/Penelope? | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Low_complexity | 0.01 | 0.10 | 0.01 | 0.01 | 0.05 | 0.00 | 0.00 |
| LTR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LTR/ERV1 | 0.02 | 0.00 | 0.05 | 0.02 | 0.07 | 0.02 | 0.02 |
| LTR/ERV1? | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LTR/ERVK | 0.07 | 0.05 | 0.12 | 0.07 | 0.09 | 0.06 | 0.06 |
| LTR/ERVK? | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LTR/ERVL | 0.02 | 0.01 | 0.02 | 0.01 | 0.05 | 0.02 | 0.02 |
| LTR/ERVL? | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LTR/ERVL-MaLR | 0.06 | 0.02 | 0.14 | 0.11 | 0.12 | 0.06 | 0.06 |
| LTR/Gypsy | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LTR/Gypsy? | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| LTR? | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Other | 0.01 | 0.00 | 0.01 | 0.00 | 0.03 | 0.00 | 0.00 |
| RC/Helitron | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RC?/Helitron? | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| RNA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| rRNA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Satellite | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.01 |
| scRNA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Simple_repeat | 0.06 | 0.65 | 0.04 | 0.10 | 0.05 | 0.02 | 0.02 |
| SINE/Alu | 0.06 | 0.03 | 0.06 | 0.03 | 0.03 | 0.02 | 0.02 |
| SINE/B2 | 0.03 | 0.01 | 0.03 | 0.03 | 0.04 | 0.03 | 0.03 |
| SINE/B4 | 0.05 | 0.02 | 0.04 | 0.03 | 0.04 | 0.03 | 0.03 |
| SINE/Deu | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SINE/ID | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 |
| SINE/MIR | 0.01 | 0.00 | 0.02 | 0.01 | 0.01 | 0.01 | 0.01 |
| SINE/rRNA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SINE? | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| snRNA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| srpRNA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| tRNA | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Unknown | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Unknown/Y-chromos | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

RCADE OUTPUT, FIMO SCAN

| # | Zfp157 | Zfp35 | Zfp472 | Zfp763 | Zfp955a | Zfp958-1 | Zfp958-2 |
|---------|--------|-------|--------|--------|---------|----------|----------|
| L1Md_A | 0.00 | 0.00 | 0.00 | 0.09 | 0.00 | 0.13 | 0.13 |
| L1Md_F | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| L1Md_F2 | 0.04 | 0.01 | 0.03 | 0.06 | 0.07 | 0.08 | 0.08 |
| L1Md_F3 | 0.01 | 0.00 | 0.00 | 0.01 | 0.00 | 0.03 | 0.03 |
| L1Md_Gf | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| L1Md_T | 0.01 | 0.00 | 0.01 | 0.09 | 0.00 | 0.21 | 0.21 |
| L1_Mus3 | 0.08 | 0.01 | 0.04 | 0.04 | 0.06 | 0.03 | 0.03 |
| L1_Mus4 | 0.04 | 0.00 | 0.02 | 0.01 | 0.02 | 0.01 | 0.01 |
| L1_Rod | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lx | 0.08 | 0.00 | 0.01 | 0.01 | 0.01 | 0.01 | 0.01 |
| Lx10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Lx2 | 0.07 | 0.00 | 0.01 | 0.01 | 0.01 | 0.00 | 0.00 |