

Kr

2R zinc finger

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|------|---------|--|----|
| Dsim | - - - - | MLQDAQTRTLAAALAGIKQEDVHLDRMSLSPPMSANTSATSAAAI | 46 |
| Dsec | - - - - | MLQDAQTRTIAAALAGIKQEDVHLDRMSLSPPMSANTSATSAAAI | 46 |
| Dmel | MSI | SMLQDAQTRTLAAALAGIKQEDVHLDRMSLSPPMSANTSATSAAAI | 50 |
| Dere | MSI | SMLQDAQTRTLAAALAGIKQEDVALDRMSLSPPMSANTSATSAAAM | 50 |
| Dyak | MSI | SMLQDAQTRTLAAALAGIKQEDVALDRMSLSPPMSANTSATTAAAM | 50 |
| Dper | MAI | SMLQDAQTRSLAAALAGIKREEVAADRMSLSPPMSANTSASSAAAM | 50 |
| Dpse | MAI | SMLQDAQTRSLAAALAGIKREEVAADRMSLSPPMSANTSASSAAAM | 50 |
| Dana | MAI | SMLQDAQTRSLAAALAGIKREEVAVDRMSLSPPMSANTSATSAAAM | 50 |

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|------|---|-----|
| Dsim | YPAMGLQQAAAASAFGMLSPTQLLAANRQAAAFMAQLPMSTLANTLFPHN | 96 |
| Dsec | YPAMGLQQAAAASAFGMLSPTQLLAANRQAAAFMAQLPMSTLANTLFPHN | 96 |
| Dmel | YPAMGLQQAAAASAFGMLSPTQLLAANRQAAAFMAQLPMSTLANTLFPHN | 100 |
| Dere | YPAMGLQQAAAASAFGMLSPTQLLAANRQAAAFMAQLPMSTLANTLFPHN | 100 |
| Dyak | YPAMGLQQAAAASAFGMLSPTQLLAANRQAAAFMAQLPMSTLANTLFPHN | 100 |
| Dper | YPGMGLQQAAAASAFGMLSPTQLMAANRQAAAFMAQLPMSTLANTLFPHN | 100 |
| Dpse | YPGMGLQQAAAASAFGMLSPTQLMAANRQAAAFMAQLPMSTLANTLFPHN | 100 |
| Dana | YPAI GLQQAAAASAFGMLSPTQLLAANRQAAAFMAQLPMSTLANTLFPHN | 100 |

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|------|---------------|--------------------------|--------------------|-----|
| Dsim | PAALFGAWAAQQS | LP PQGTHLHSP PASPHSPLS | TPLGSGKHPLTSPNS | 144 |
| Dsec | PAALFGAWAAQQS | LP PQGTHLHSP PASPHSPLS | TPLGSGKHPLTSPNS | 144 |
| Dmel | PAALFGAWAAQQS | LP PQGTHLHSP PASPHSPLS | TPLGSGKHPLN SPNS | 148 |
| Dere | PAALFGAWAAQQS | LP PQGTHLHSP PASPHSPLS | TPLGSGKHPLN SPNS | 148 |
| Dyak | PAALFGAWAAQQT | LP T PQGTHLHSP PASPHSPLS | TPLGSGKHPLS SPNS | 148 |
| Dper | PAALFGAWAAQQS | QMPPQGTHMHSP PASPHSPV | P TTPLGSGKHPLTSPSS | 150 |
| Dpse | PAALFGAWAAQQS | QMPPQGTHMHSP PASPHSPV | P TTPLGSGKHPLTSPSS | 150 |
| Dana | PAALFGAWAAQQS | MPPQGTHLHSP PASPHSPV | ATTPLGSGKHPLG SPNS | 149 |

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|------|-------|------|---------|------------|---------|------|-----|------------|-------------|-----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|
| Dsim | TPQNH | EP | AKKARKL | SVKKEFQTEI | SMSVND | MYHT | S | GGPI | SPPSSGSSPNS | 194 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dsec | TPQH | HEPA | KKARKL | SVKKEFQTEI | SMSVND | MYHT | S | GGPI | SPPSSGSSPNS | 194 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dmel | TPQH | HEPA | KKARKL | SVKKEFQTEI | SMSVND | MYHT | S | GGPI | SPPSSGSSPNS | 198 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dere | TPQH | HEPA | KKARKL | SVKKEFQTEI | SMSVNDL | YHT | P | GGPI | SPPSSGSSPNS | 198 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dyak | TPQH | HEPA | KKARKL | SVKKEFQTEI | SMSVNDL | YHT | P | GGPI | SPPSSGSSPNS | 198 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dper | TPQH | R | EP | V | KK | S | RKL | SVKKEFQTEI | T | M | S | V | N | D | L | Y | H | T | P | G | G | P | I | S | P | P | S | S | G | S | S | P | N | S | 200 |
| Dpse | TPQH | R | EP | V | KK | S | RKL | SVKKEFQTEI | T | M | S | V | N | D | L | Y | H | T | P | G | G | P | I | S | P | P | S | S | G | S | S | P | N | S | 200 |
| Dana | TPQH | HEPA | KKARKL | SVKKEFQTEI | SMSVNDL | YHT | P | GGPI | SPPSSGSSPNS | 199 | | | | | | | | | | | | | | | | | | | | | | | | | |

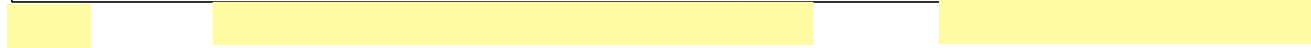
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|------|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|-----|
| Dsim | T | H | D | G | A | G | G | N | A | G | C | V | A | V | S | - | K | D | P | S | R | D | K | S | F | T | C | K | I | C | S | R | S | F | G | Y | K | H | V | L | Q | N | H | E | R | T | H | T | G | E | 243 | |
| Dsec | T | H | D | G | A | G | G | N | A | G | C | V | A | V | S | - | K | D | P | S | R | D | K | S | F | T | C | K | I | C | S | R | S | F | G | Y | K | H | V | L | Q | N | H | E | R | T | H | T | G | E | 243 | |
| Dmel | T | H | D | G | A | G | G | N | A | G | C | V | G | V | S | - | K | D | P | S | R | D | K | S | F | T | C | K | I | C | S | R | S | F | G | Y | K | H | V | L | Q | N | H | E | R | T | H | T | G | E | 247 | |
| Dere | T | H | D | G | A | G | G | N | A | G | G | V | S | V | S | - | K | D | P | S | R | D | K | S | F | T | C | K | I | C | S | R | S | F | G | Y | K | H | V | L | Q | N | H | E | R | T | H | T | G | E | 247 | |
| Dyak | T | H | D | G | T | G | G | N | A | G | G | V | A | V | S | - | K | D | P | S | R | D | K | S | F | T | C | K | I | C | S | R | S | F | G | Y | K | H | V | L | Q | N | H | E | R | T | H | T | G | E | 247 | |
| Dper | T | H | E | V | G | S | V | G | A | G | V | T | G | V | A | S | - | K | D | P | S | R | D | K | S | F | T | C | K | I | C | S | R | S | F | G | Y | K | H | V | L | Q | N | H | E | R | T | H | T | G | E | 250 |
| Dpse | T | H | E | V | G | S | V | G | A | G | V | T | G | V | A | S | - | K | D | P | S | R | D | K | S | F | T | C | K | I | C | S | R | S | F | G | Y | K | H | V | L | Q | N | H | E | R | T | H | T | G | E | 250 |
| Dana | T | H | E | G | V | S | G | G | A | G | V | S | G | A | S | - | K | D | P | S | R | D | K | S | F | T | C | K | I | C | S | R | S | F | G | Y | K | H | V | L | Q | N | H | E | R | T | H | T | G | E | 248 | |

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|------|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|
| Dsim | KP | F | E | C | P | E | C | H | K | R | F | T | R | D | H | L | K | T | H | M | R | L | H | T | G | E | K | P | Y | H | C | S | H | C | D | R | Q | F | V | Q | V | A | N | L | R | R | H | L | 293 |
| Dsec | KP | F | E | C | P | E | C | H | K | R | F | T | R | D | H | L | K | T | H | M | R | L | H | T | G | E | K | P | Y | H | C | S | H | C | D | R | Q | F | V | Q | V | A | N | L | R | R | H | L | 293 |
| Dmel | KP | F | E | C | P | E | C | H | K | R | F | T | R | D | H | L | K | T | H | M | R | L | H | T | G | E | K | P | Y | H | C | S | H | C | D | R | Q | F | V | Q | V | A | N | L | R | R | H | L | 297 |
| Dere | KP | F | E | C | P | E | C | H | K | R | F | T | R | D | H | L | K | T | H | M | R | L | H | T | G | E | K | P | Y | H | C | S | H | C | D | R | Q | F | V | Q | V | A | N | L | R | R | H | L | 297 |
| Dyak | KP | F | E | C | P | E | C | H | K | R | F | T | R | D | H | L | K | T | H | M | R | L | H | T | G | E | K | P | Y | H | C | S | H | C | D | R | Q | F | V | Q | V | A | N | L | R | R | H | L | 297 |
| Dper | KP | F | E | C | P | E | C | H | K | R | F | T | R | D | H | L | K | T | H | M | R | L | H | T | G | E | K | P | Y | H | C | S | H | C | D | R | Q | F | V | Q | V | A | N | L | R | R | H | L | 300 |
| Dpse | KP | F | E | C | P | E | C | H | K | R | F | T | R | D | H | L | K | T | H | M | R | L | H | T | G | E | K | P | Y | H | C | S | H | C | D | R | Q | F | V | Q | V | A | N | L | R | R | H | L | 300 |
| Dana | KP | F | E | C | P | E | C | H | K | R | F | T | R | D | H | L | K | T | H | M | R | L | H | T | G | E | K | P | Y | H | C | S | H | C | D | R | Q | F | V | Q | V | A | N | L | R | R | H | L | 298 |

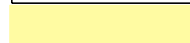
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| Dsim | RVHTGERPYTCEI CDGKFSDSNQLKSHML VHNGEKPFECERCHMKFRRRH | 343 |
| Dsec | RVHTGERPYTCEI CDGKFSDSNQLKSHML VHNGEKPFECERCHMKFRRRH | 343 |
| Dmel | RVHTGERPYTCEI CDGKFSDSNQLKSHML VHNGEKPFECERCHMKFRRRH | 347 |
| Dere | RVHTGERPYTCEI CDGKFSDSNQLKSHML VHNGEKPFECERCHMKFRRRH | 347 |
| Dyak | RVHTGERPYTCEI CDGKFSDSNQLKSHML VHNGEKPFECDRCHMKFRRRH | 347 |
| Dper | RVHTGERPYTCEI CDGKFSDSNQLKSHML VHNGEKPFECDRCHMKFRRRH | 350 |
| Dpse | RVHTGERPYTCEI CDGKFSDSNQLKSHML VHNGEKPFECDRCHMKFRRRH | 350 |
| Dana | RVHTGERPYTCEI CDGKFSDSNQLKSHML VHNGEKPFECERCHMKFRRRH | 348 |



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|------|--|-----|
| Dsim | HL MNHKCGI QSPPTPAL SPAMSGDYPLAI SAMAI EASTNRFAAMCATYGG | 393 |
| Dsec | HL MNHKCGI QSPPTPAL SPAMSGDYPLAI SAMAI EASTNRFAAMCATYGG | 393 |
| Dmel | HL MNHKCGI QSPPTPAL SPAMSGDYPVAI SAI AI EASTNRFAAMCATYGG | 397 |
| Dere | HL MNHKCGI QSPPTPAL SPAMSGDYPMAV SAMAI DSSTNKFAAMCANYGG | 397 |
| Dyak | HL MNHKCGI QSPPTPAL SPAMSGDYPMAV SAMAI ESSTNKFAAMCANYGG | 397 |
| Dper | HL MNHKCGI QSPPTPAL SPAMSGDFPMAVTSMALEPSANKFAAMCASYGG | 400 |
| Dpse | HL MNHKCGI QSPPTPAL SPAMSGDFPMAVTSMALEPSANKFAAMCASYGG | 400 |
| Dana | HL MNHKCGI QSPPTPAL SPAMSGDYPMAVTSMALEASTNKFAAMCASYGG | 398 |



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|------|---------------------------------------|-----|
| Dsim | SNESVDMEKATP EDDG PLDL SEDGTSSVDGHCSS | 442 |
| Dsec | SNESVDMEKATP EEDG PLDL SEDGASSVDGHCSS | 442 |
| Dmel | SNESVDMEKATP EDDG PLDL SEDGASSVDGHCSN | 446 |
| Dere | SDESVDMEKATT EDDG PLDL SEDGASSVDGHCSS | 446 |
| Dyak | SDESVDMEKATT EDDG PLDL SEDGASSVDGHCSS | 446 |
| Dper | SDESVDLEKGS L DDEAPLDL SEDGASSVDGHCSS | 450 |
| Dpse | SDESVDLEKGS L DDEAPLDL SEDGASSVDGHCSS | 450 |
| Dana | SEESVDLEKGT MEDDAPLDL SEDGASSVDGHCSS | 447 |

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|----|------------------|
| I | ARRKAQDI RRVFRL |
| I | ARRKAQDI RRVFRL |
| I | ARRKAQDI RRVFRL |
| I | ARRKAQDI RRVFRL |
| I | ARRKAQDI RRVFRL |
| S | MARRKAQDI RRVFRL |
| S | MARRKAQDI RRVFRL |
| SG | RRKAADI RRVFRL |

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|------|-------|---|------------------------|---|---|--------------------|-----|----|---|----|-------|---|---|-----|
| Dsim | PPPQI | P | HVPSDMPEQTEPEDLSMHSPRS | I | G | SHEQT | DDI | DL | Y | DL | DDAAA | S | Y | 492 |
| Dsec | PPPQI | P | HVPSDMPEQTEPEDLSMHSPRS | I | G | SHEQT | DDI | DL | Y | DL | DDAAA | S | Y | 492 |
| Dmel | PPPQI | P | HVPSDMPEQTEPEDLSMHSPRS | I | G | SHEQT | DDI | DL | Y | DL | DDA | P | A | 496 |
| Dere | PPPQI | P | HVPSDMPEQTEPEDLSMHSPRS | I | G | SHEQT | DDI | DL | Y | DL | DDAAA | P | Y | 496 |
| Dyak | PPPQI | P | HVPSDMPEQTEPEDLSMHSPRS | I | G | SHEQT | DDI | DL | Y | DL | DDAAA | P | Y | 496 |
| Dper | PPPQI | I | HV | R | S | EMPEQTEPEDLSMHSPRS | T | E | S | Q | E | Q | N | 500 |
| Dpse | PPPQI | I | HV | R | S | EMPEQTEPEDLSMHSPRS | T | E | S | Q | E | Q | N | 500 |
| Dana | PPPQI | L | HVPSDMPEQTEPEDLSMHSPRS | A | E | S | H | D | Q | - | - | - | - | 481 |

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|------|---|---|---|---|---|---|-----|
| Dsim | M | G | H | Q | Q | H | 498 |
| Dsec | M | G | H | Q | Q | H | 498 |
| Dmel | M | G | H | Q | Q | H | 502 |
| Dere | M | G | H | Q | Q | H | 502 |
| Dyak | M | G | H | T | Q | H | 502 |
| Dper | M | - | - | - | - | - | 501 |
| Dpse | M | - | - | - | - | - | 501 |
| Dana | - | - | - | - | - | - | 481 |