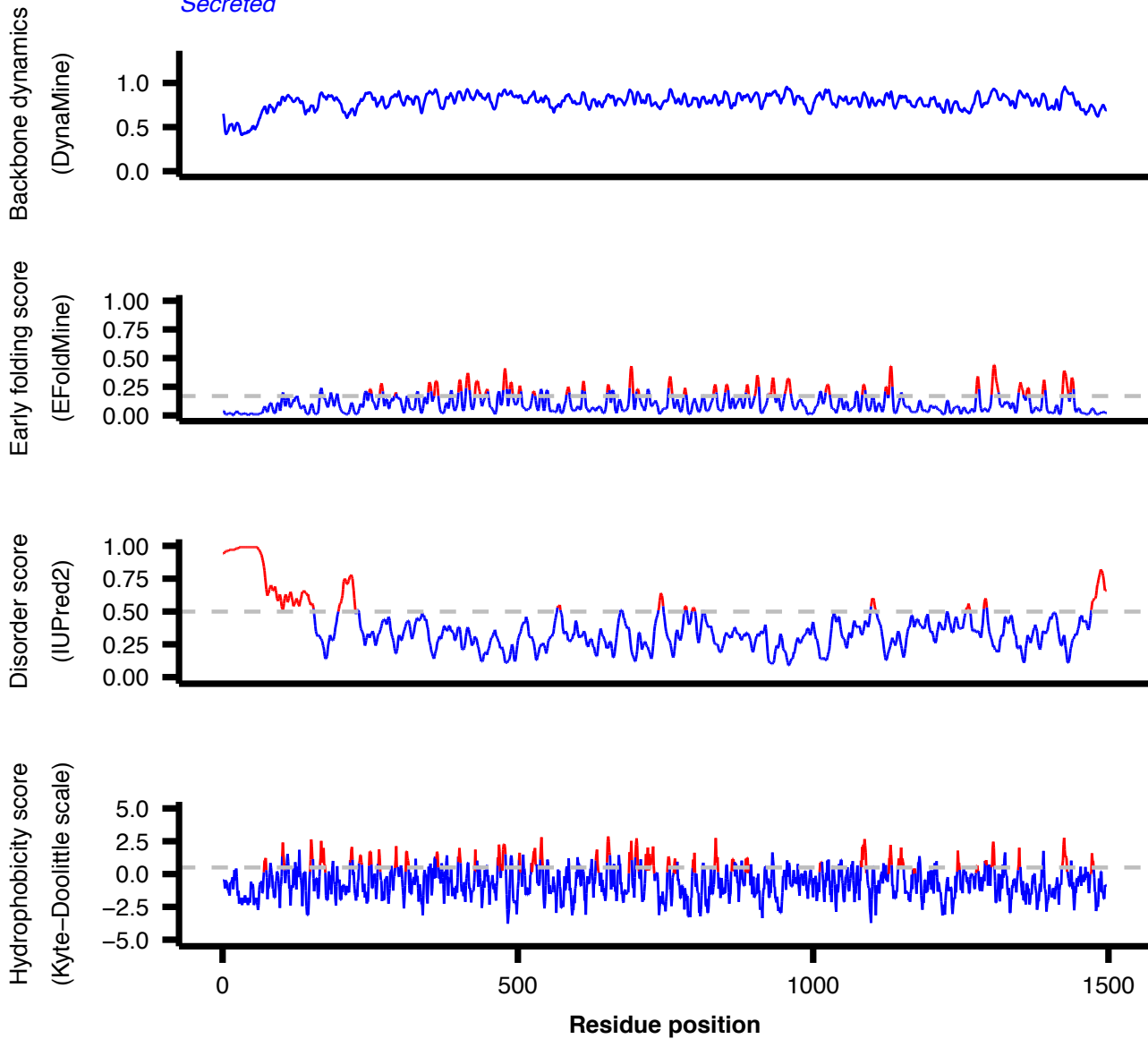


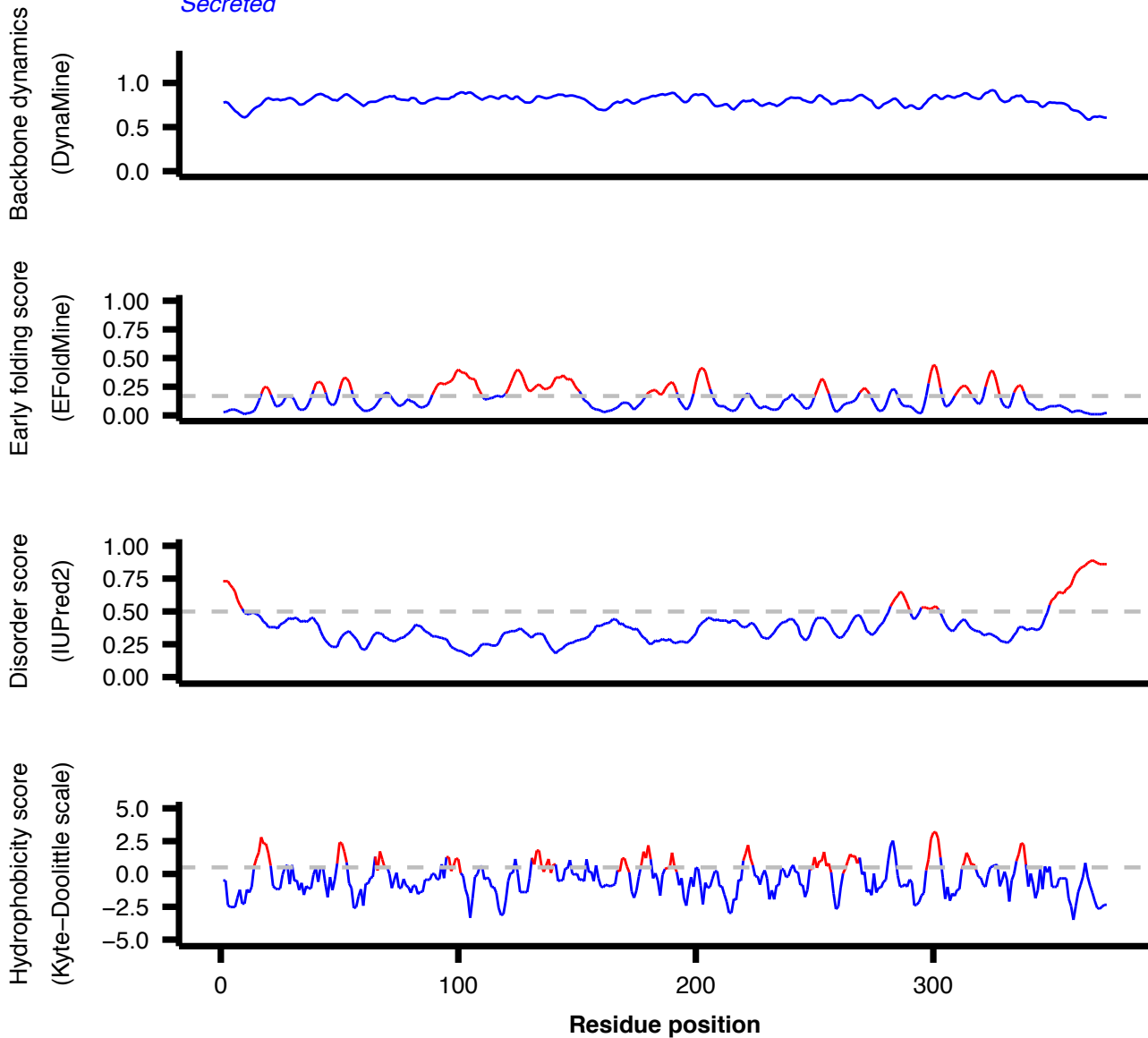
# P0CK95 (ACFD\_ECOLI)

*Secreted*



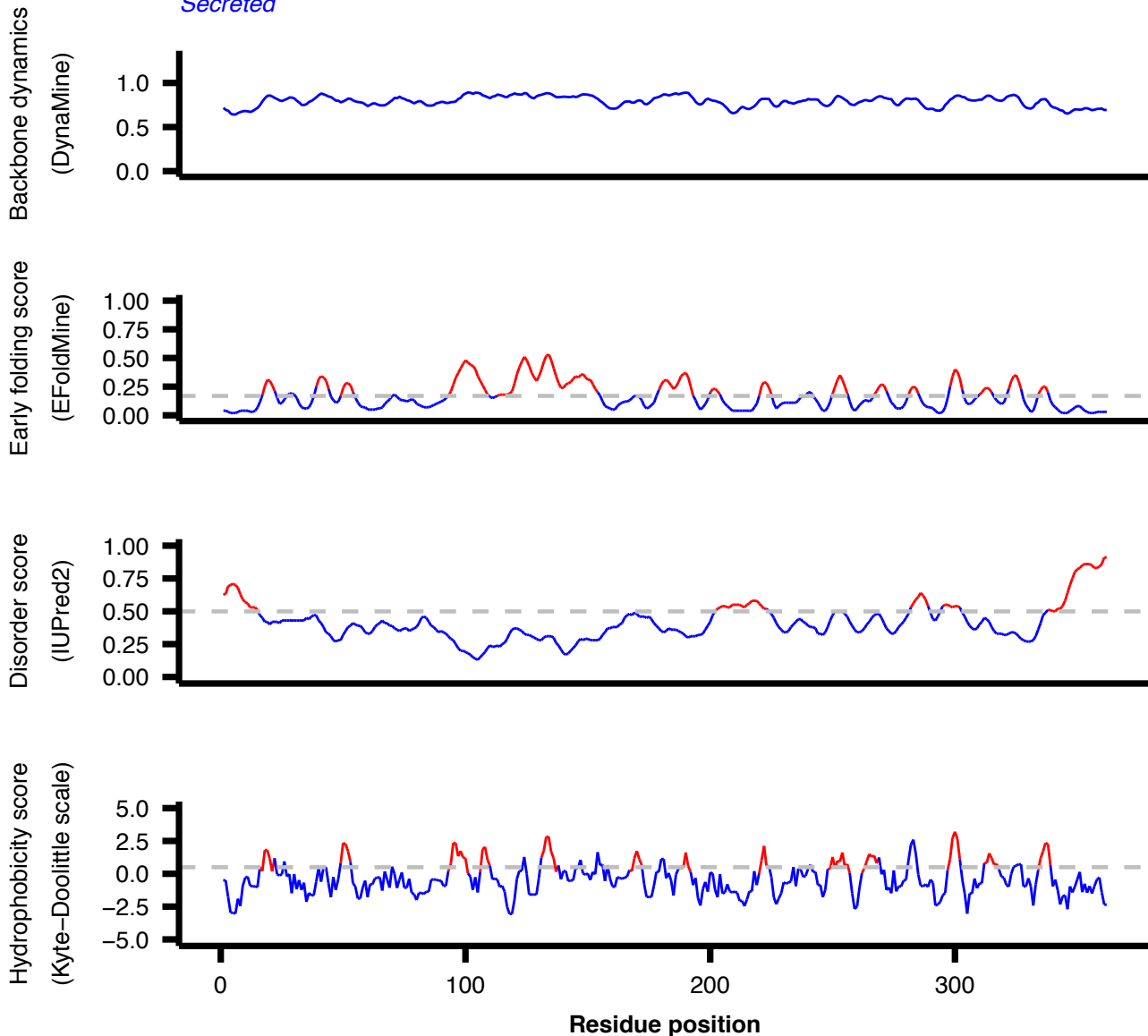
# P0AE06 (ACRA\_ECOLI)

*Secreted*



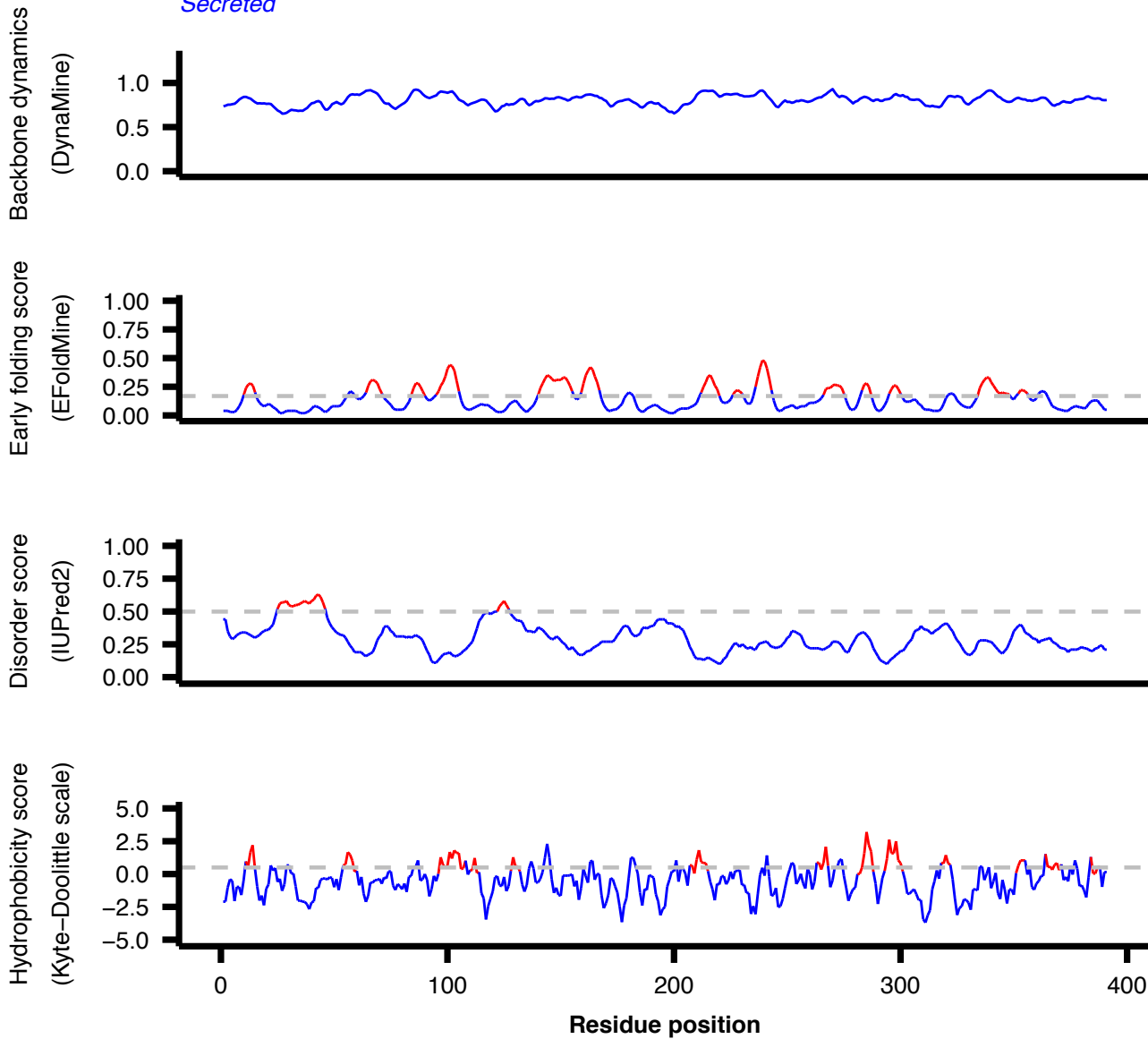
# P24180 (ACRE\_ECOLI)

*Secreted*



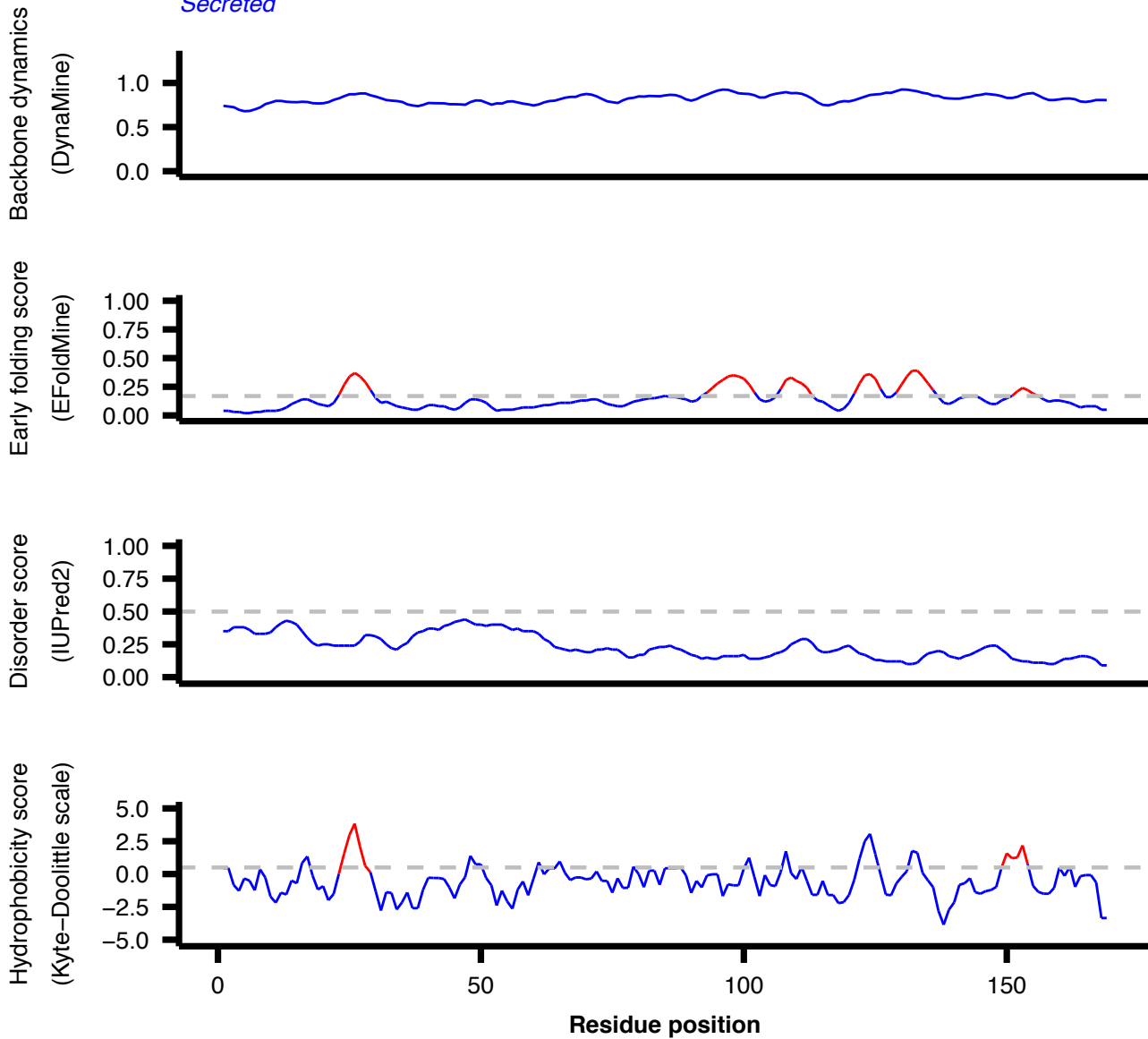
# P19926 (AGP\_ECOLI)

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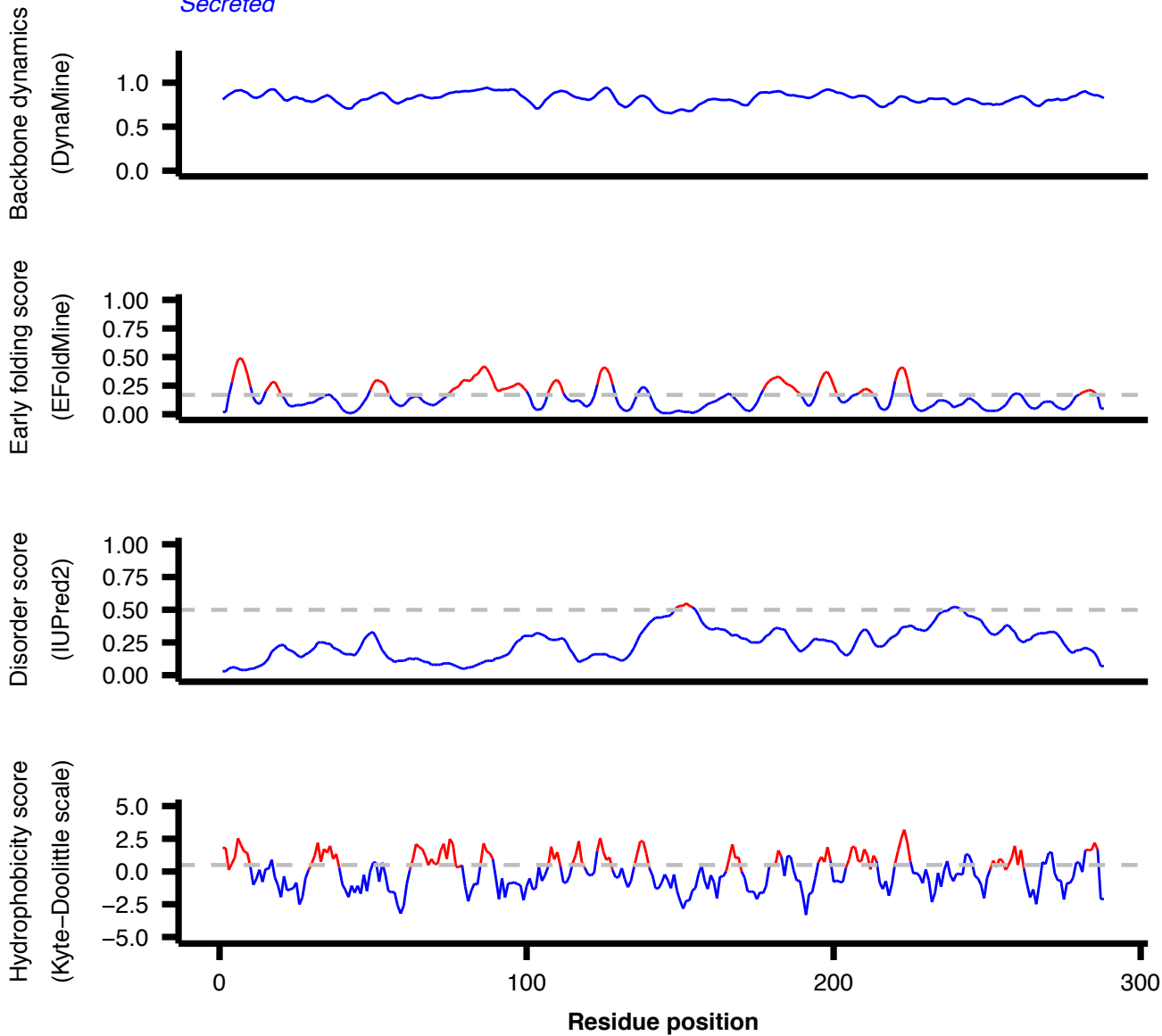
# P45565 (AIS\_ECOLI)

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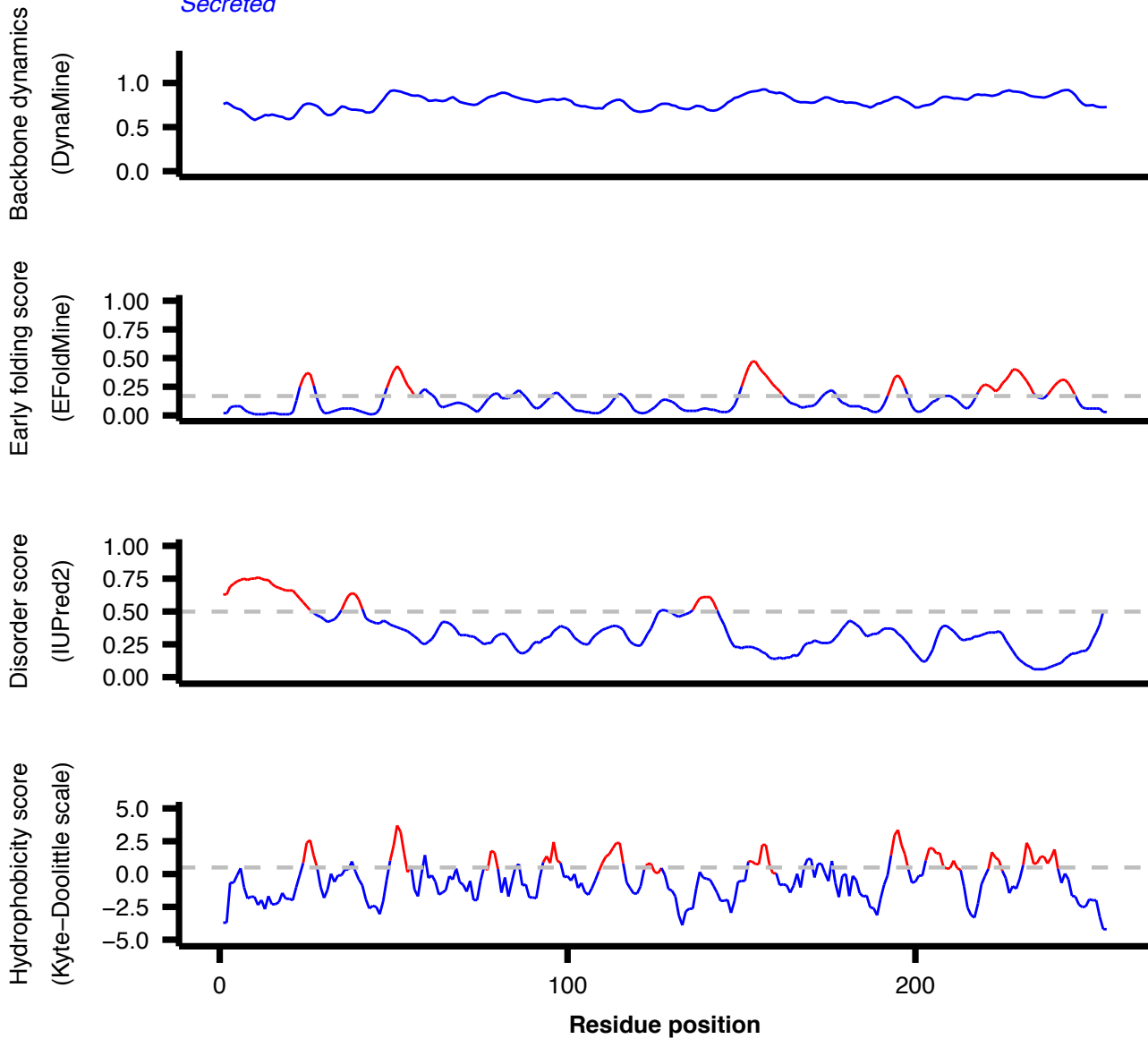
# P39265 (ALSB\_ECOLI)

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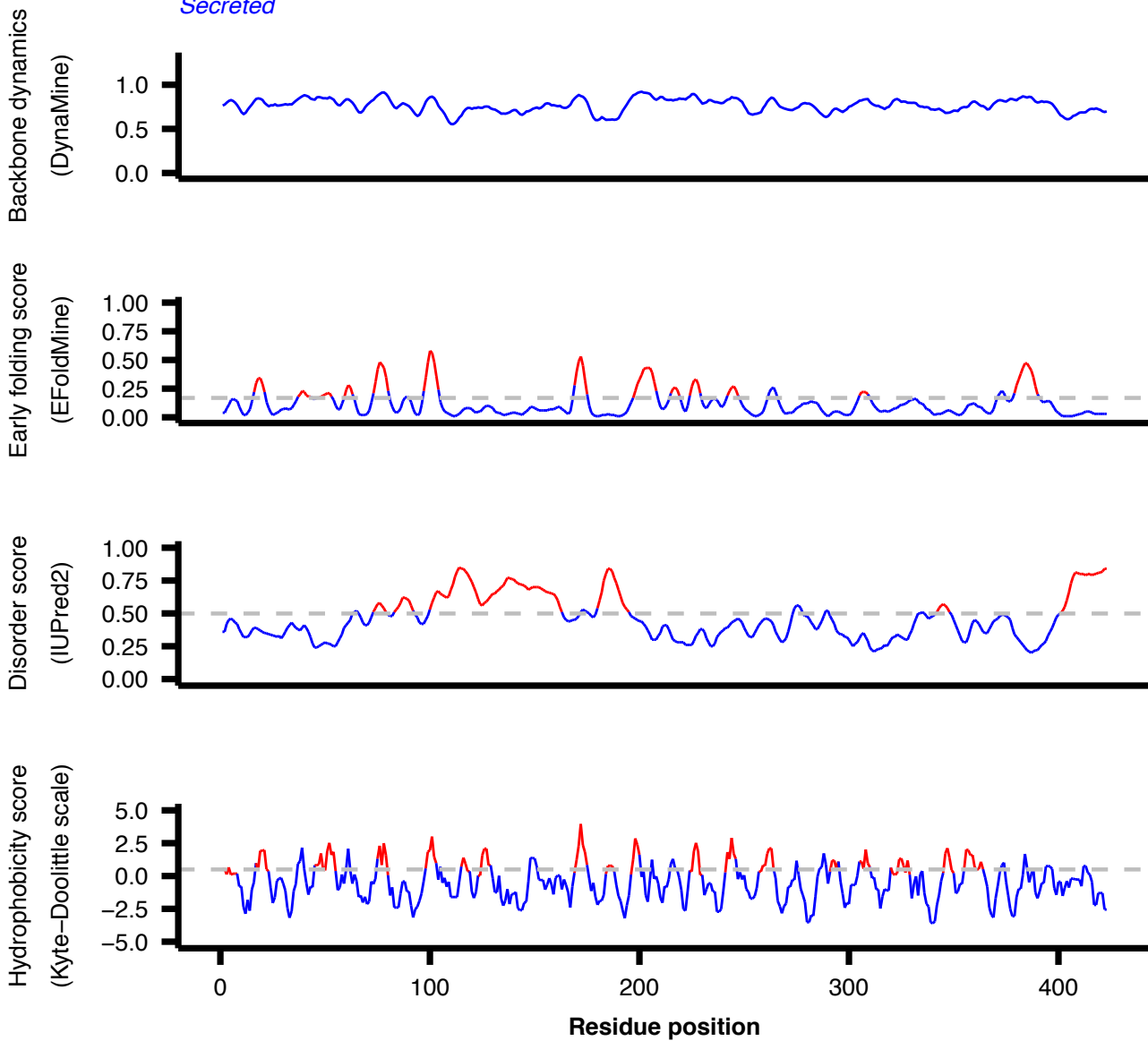
# P36548 (AMIA\_ECOLI)

*Secreted*



# P26365 (AMIB\_ECOLI)

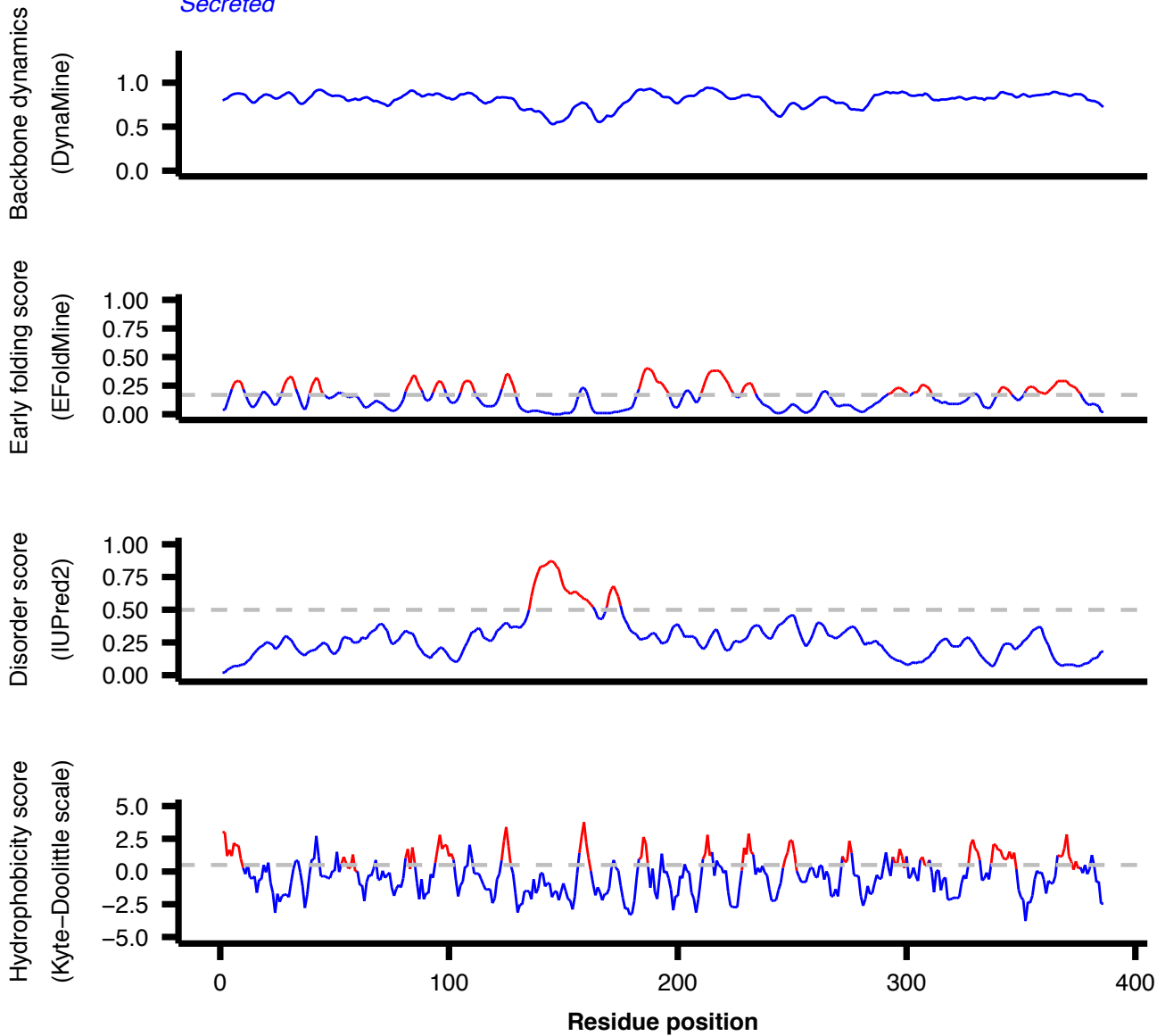
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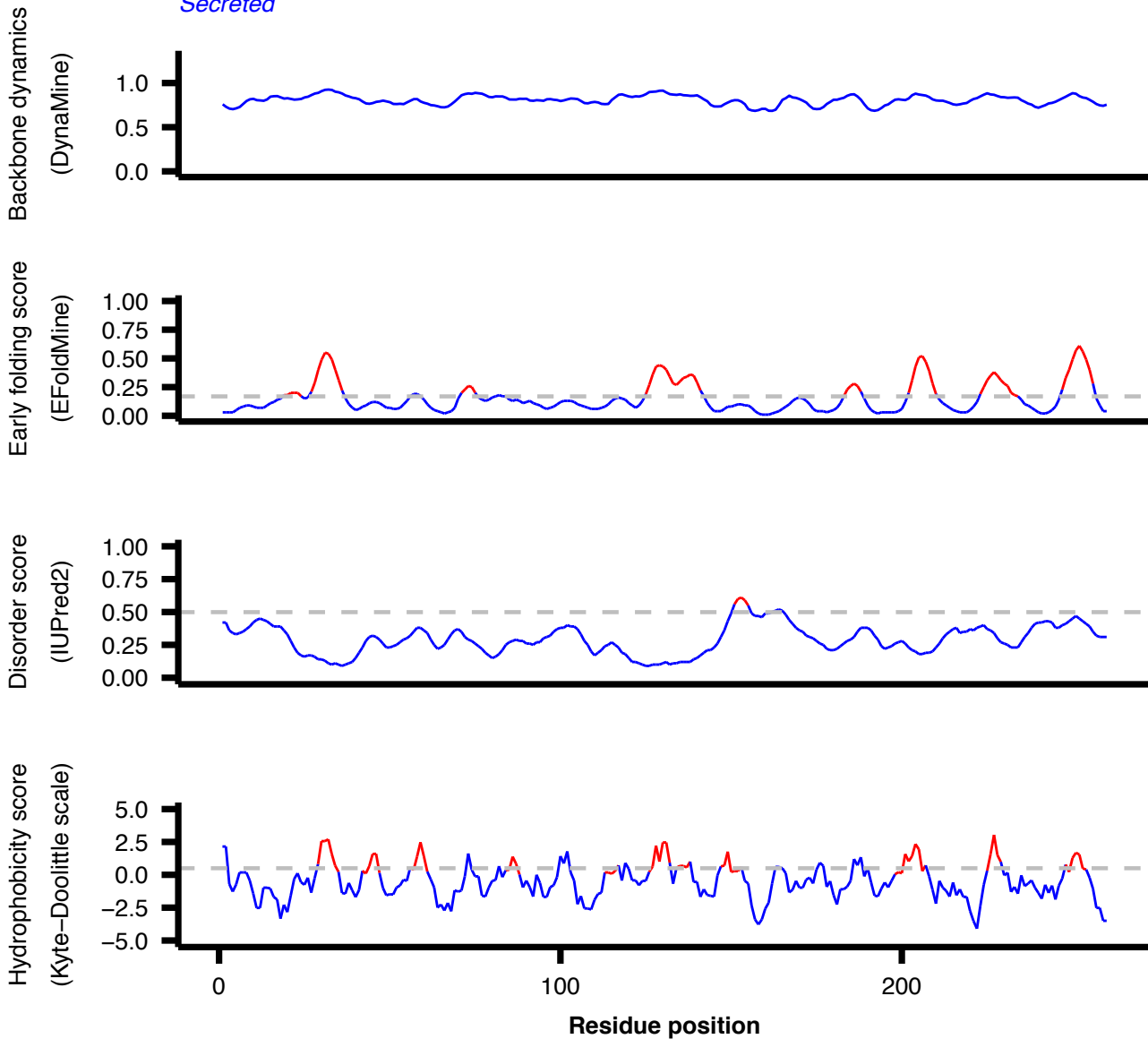
# P63883 (AMIC\_ECOLI)

*Secreted*



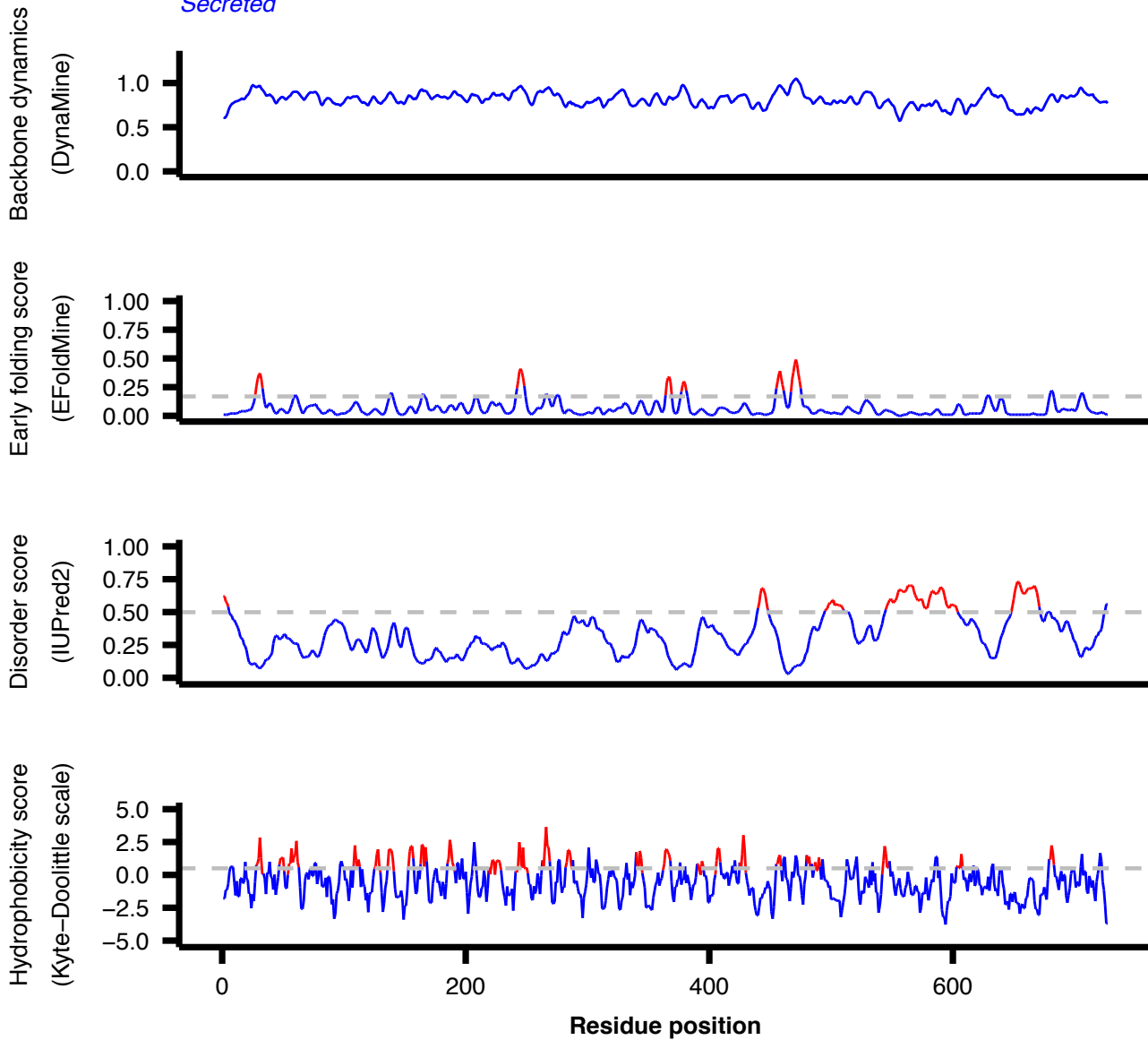
# P75820 (AMID\_ECOLI)

*Secreted*



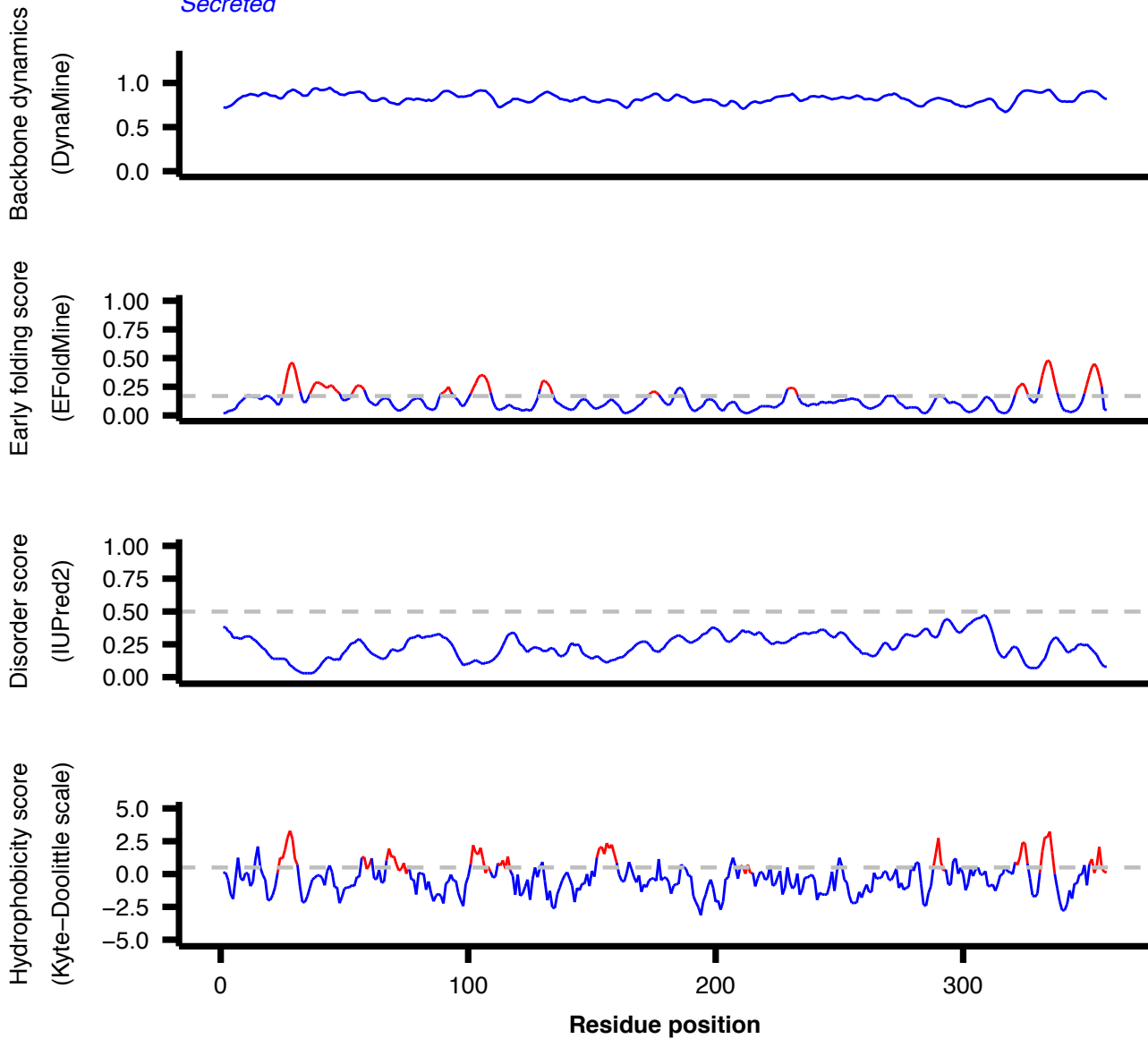
# P46883 (AMO\_ECOLI)

*Secreted*



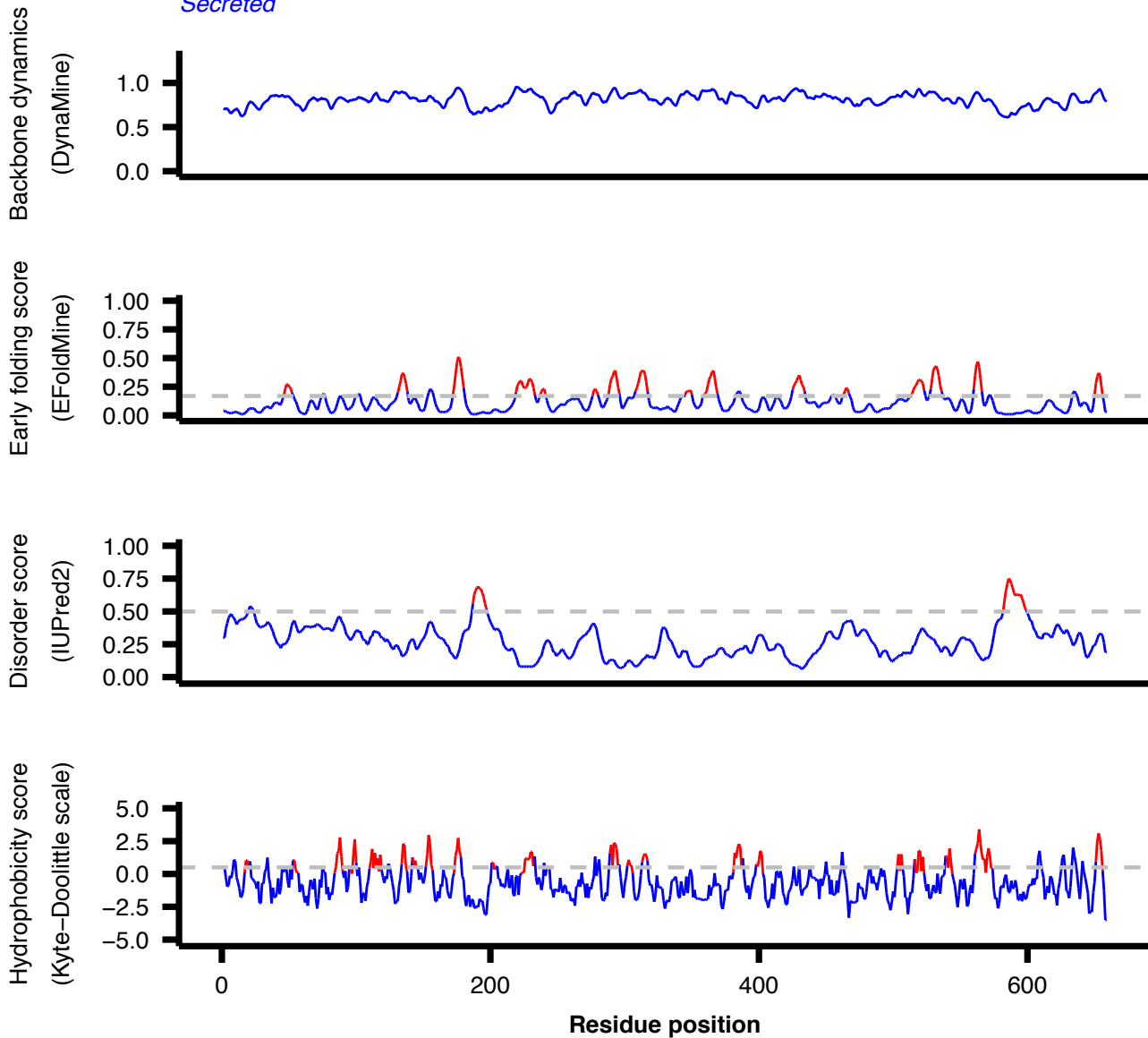
# P00811 (AMPC\_ECOLI)

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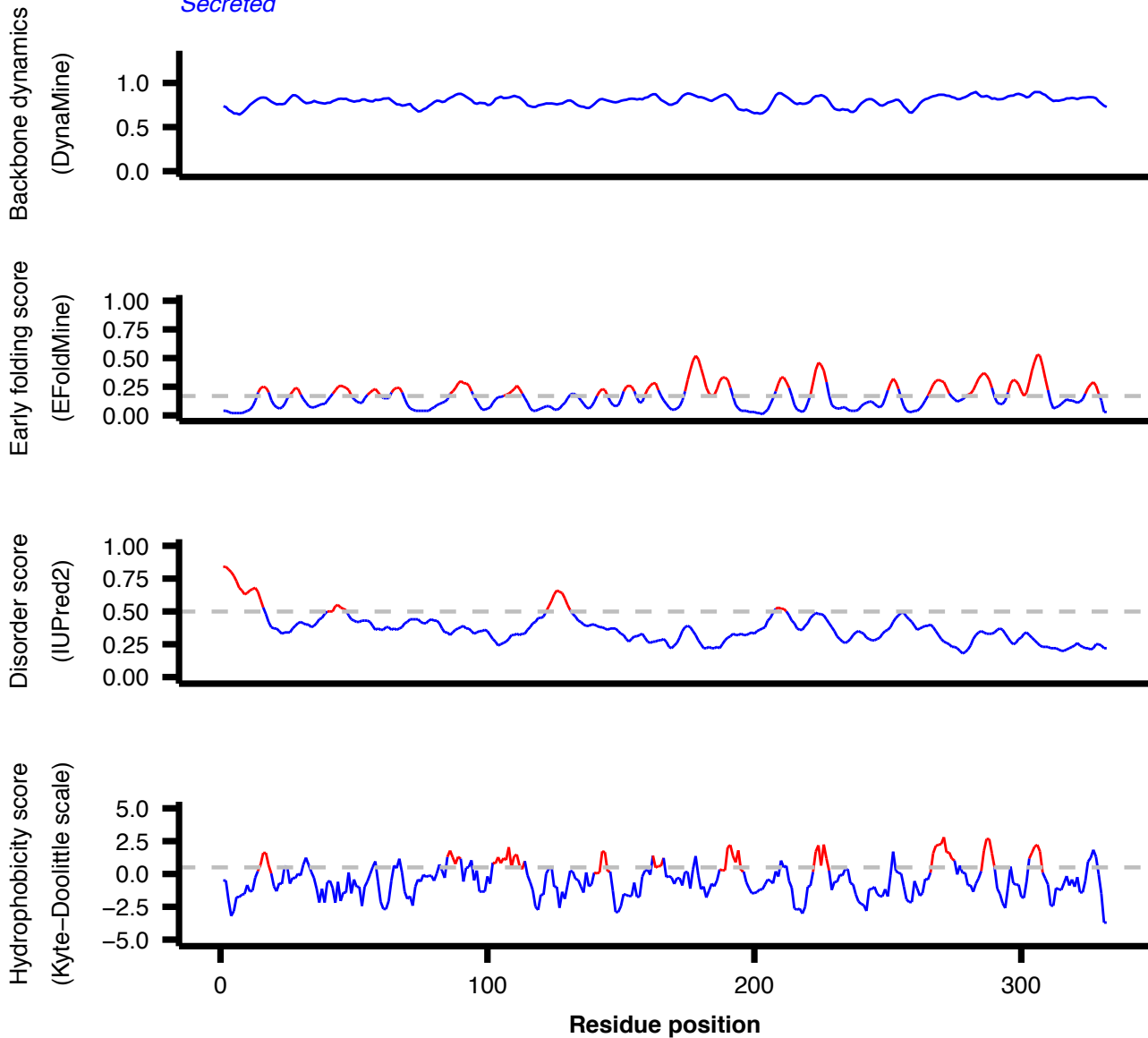
# P25718 (AMY1\_ECOLI)

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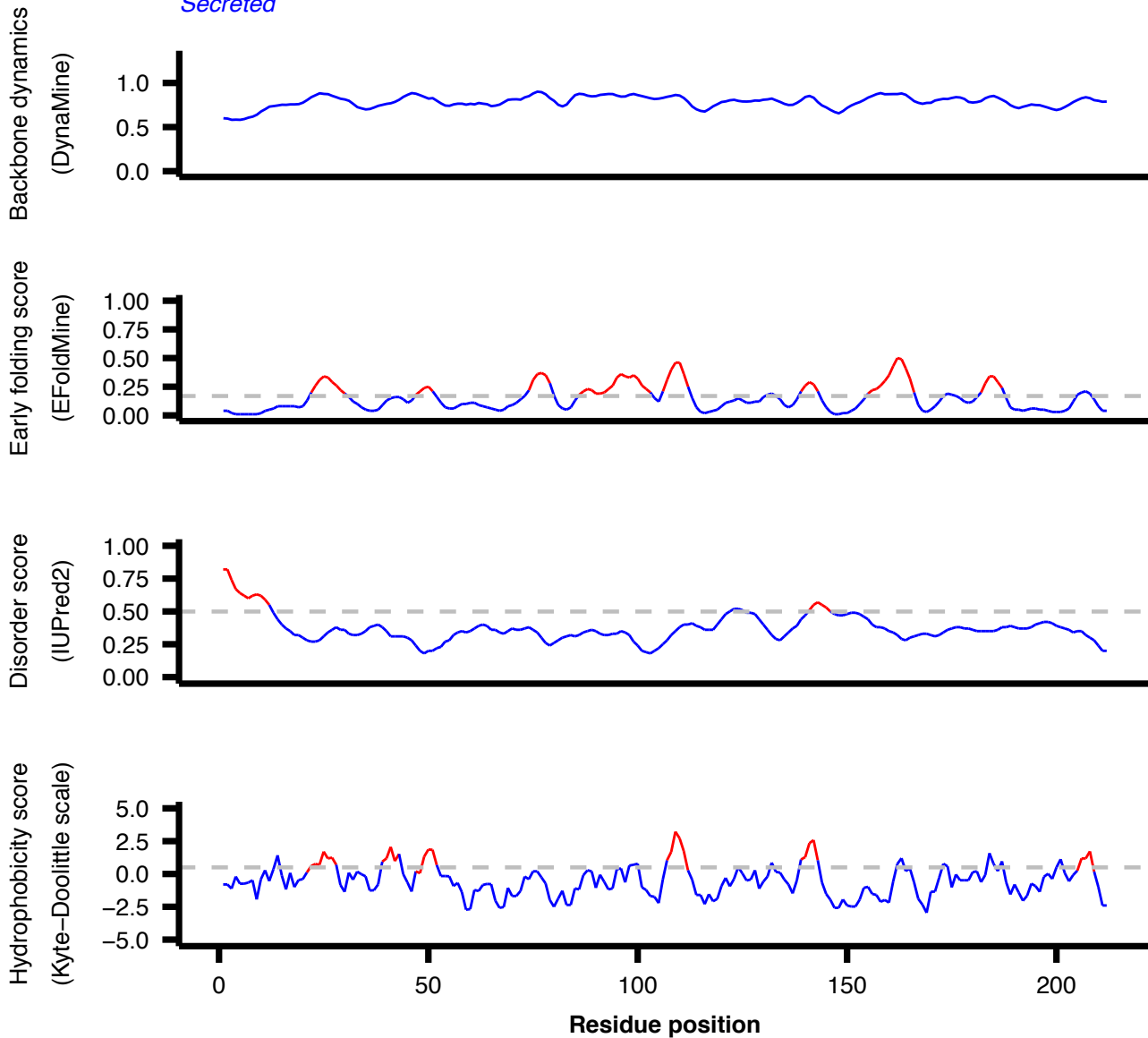
# P0AB85 (APBE\_ECOLI)

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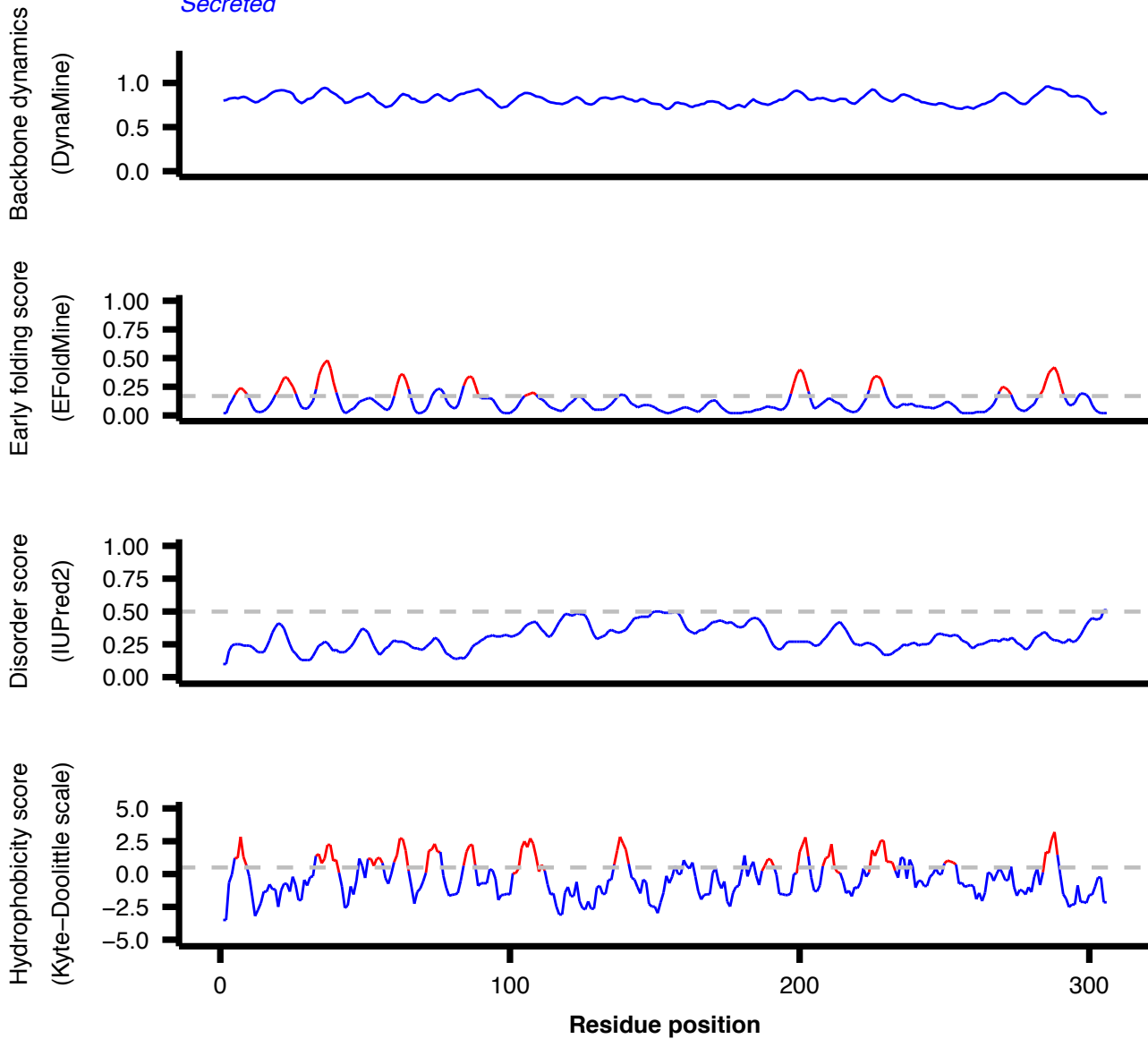
# P0AE22 (APHA\_ECOLI)

*Secreted*



# P02924 (ARAF\_ECOLI)

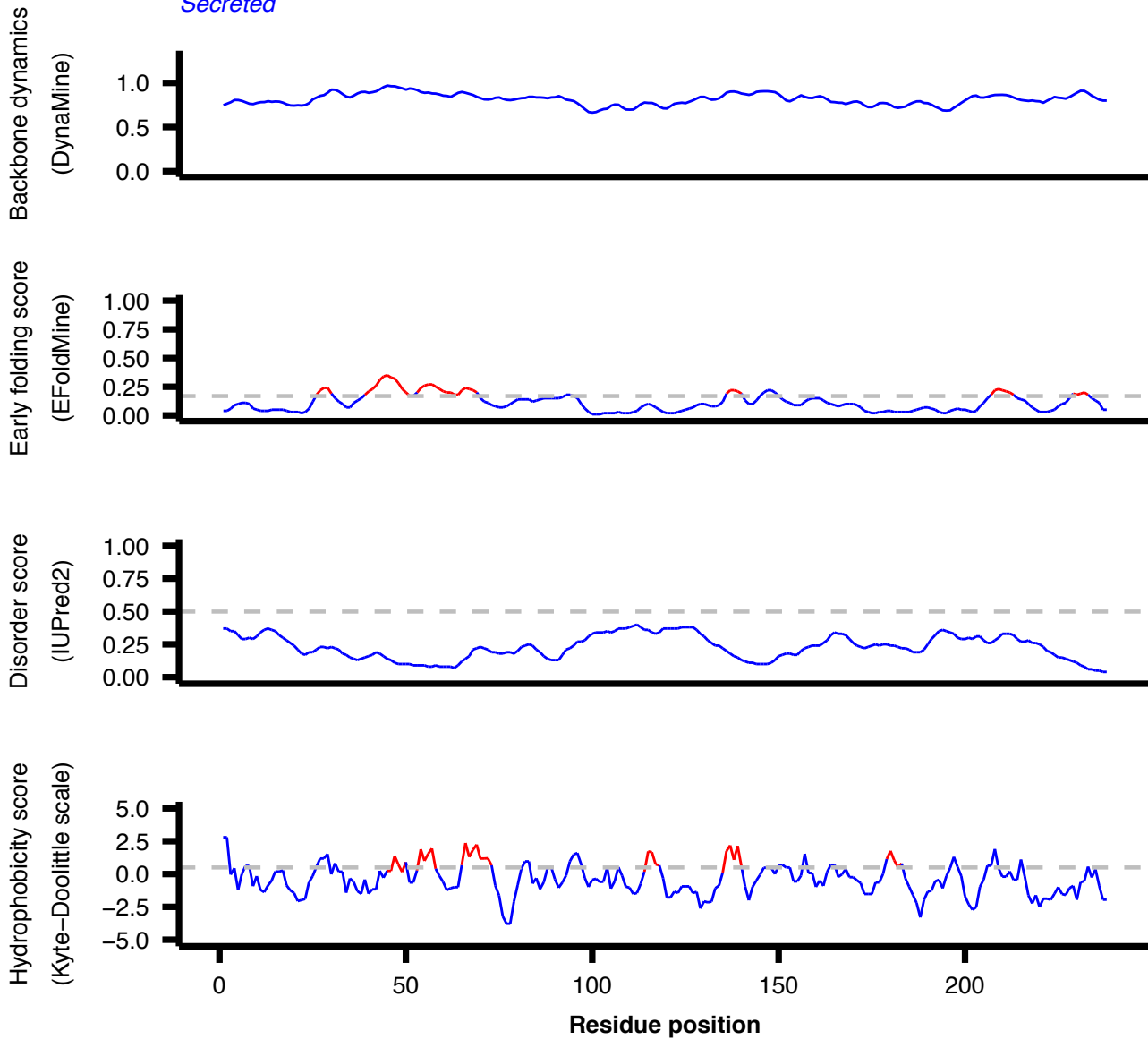
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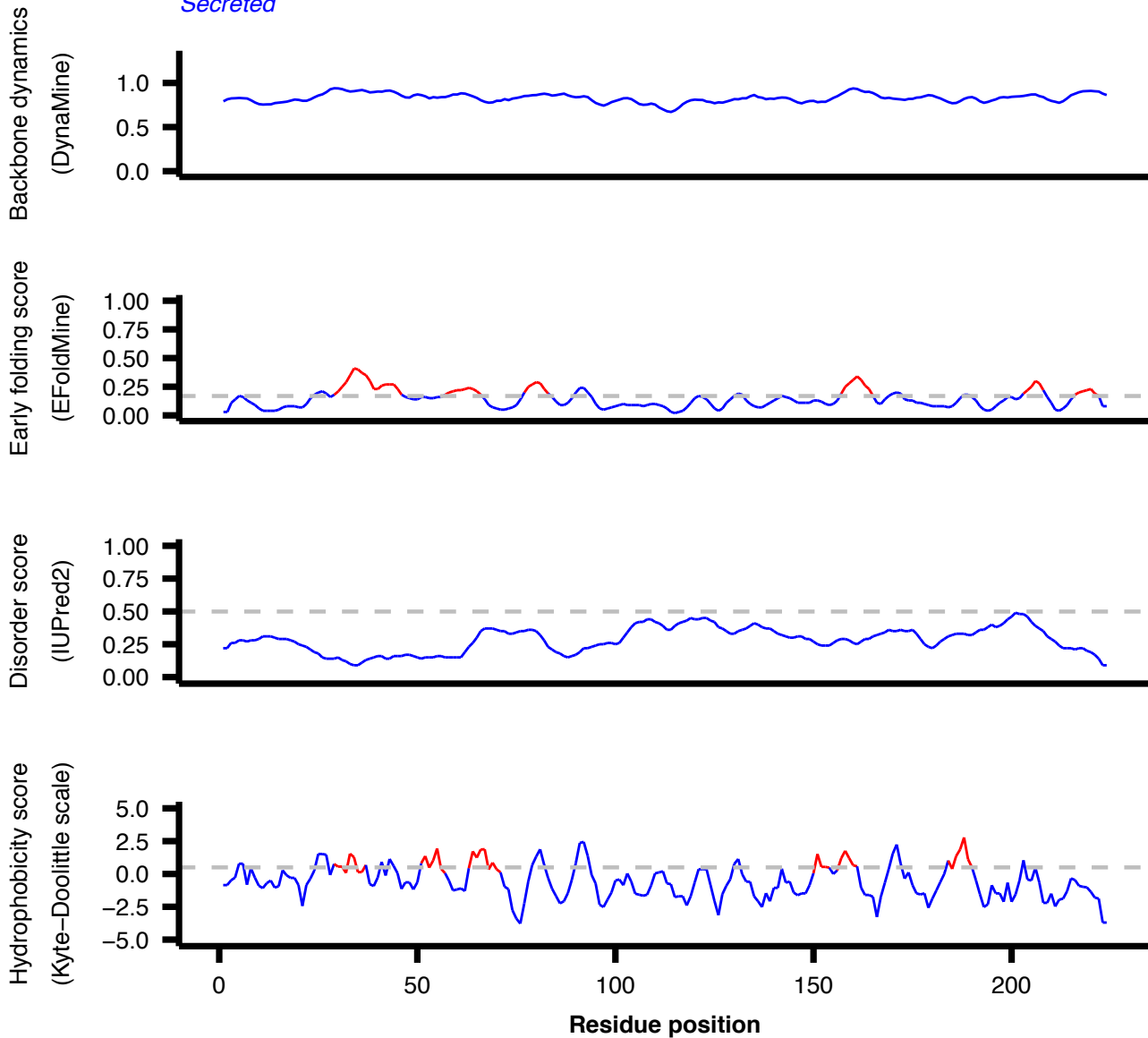
# P09551 (ARGT\_ECOLI)

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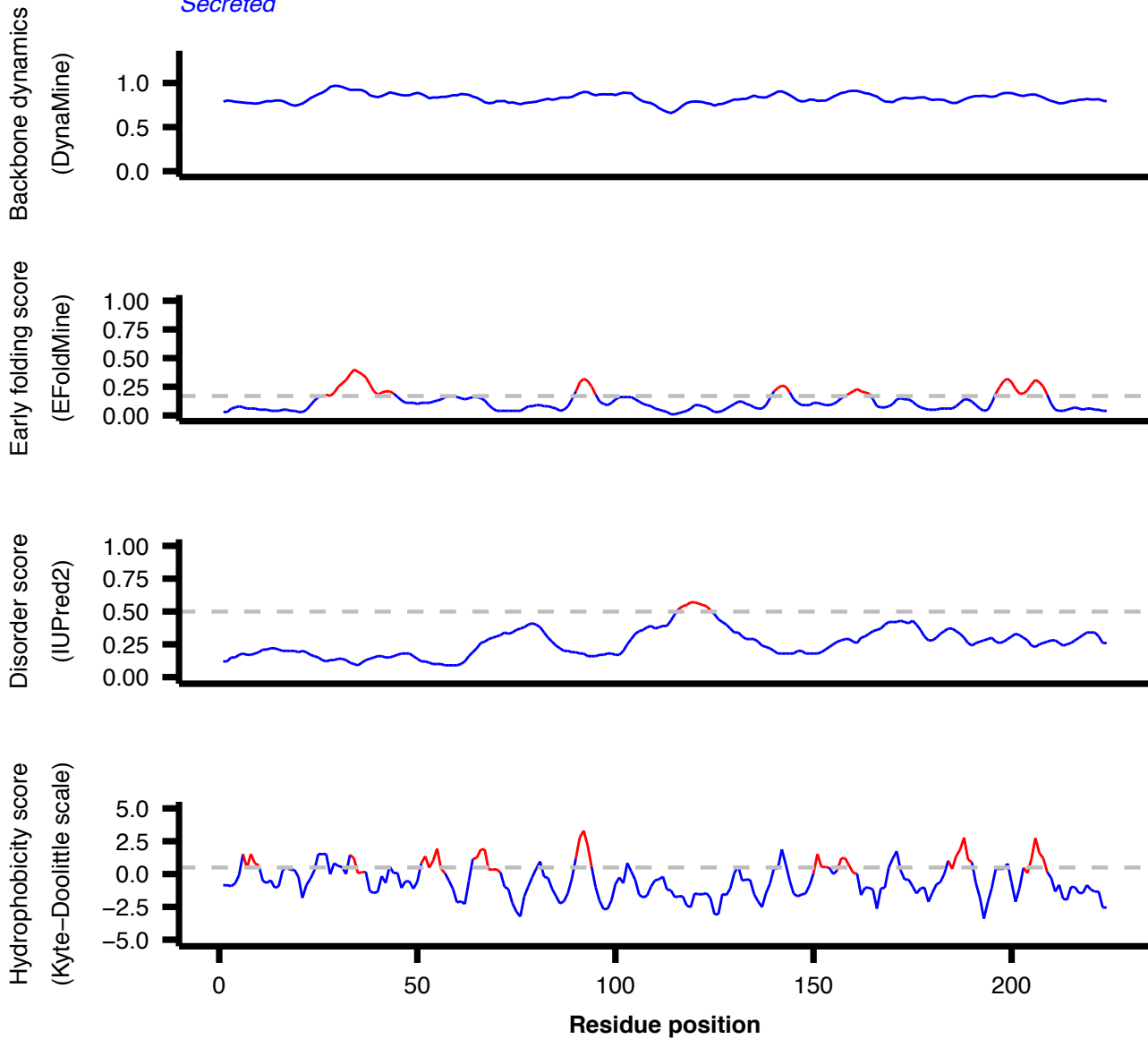
# P30859 (ARTI\_ECOLI)

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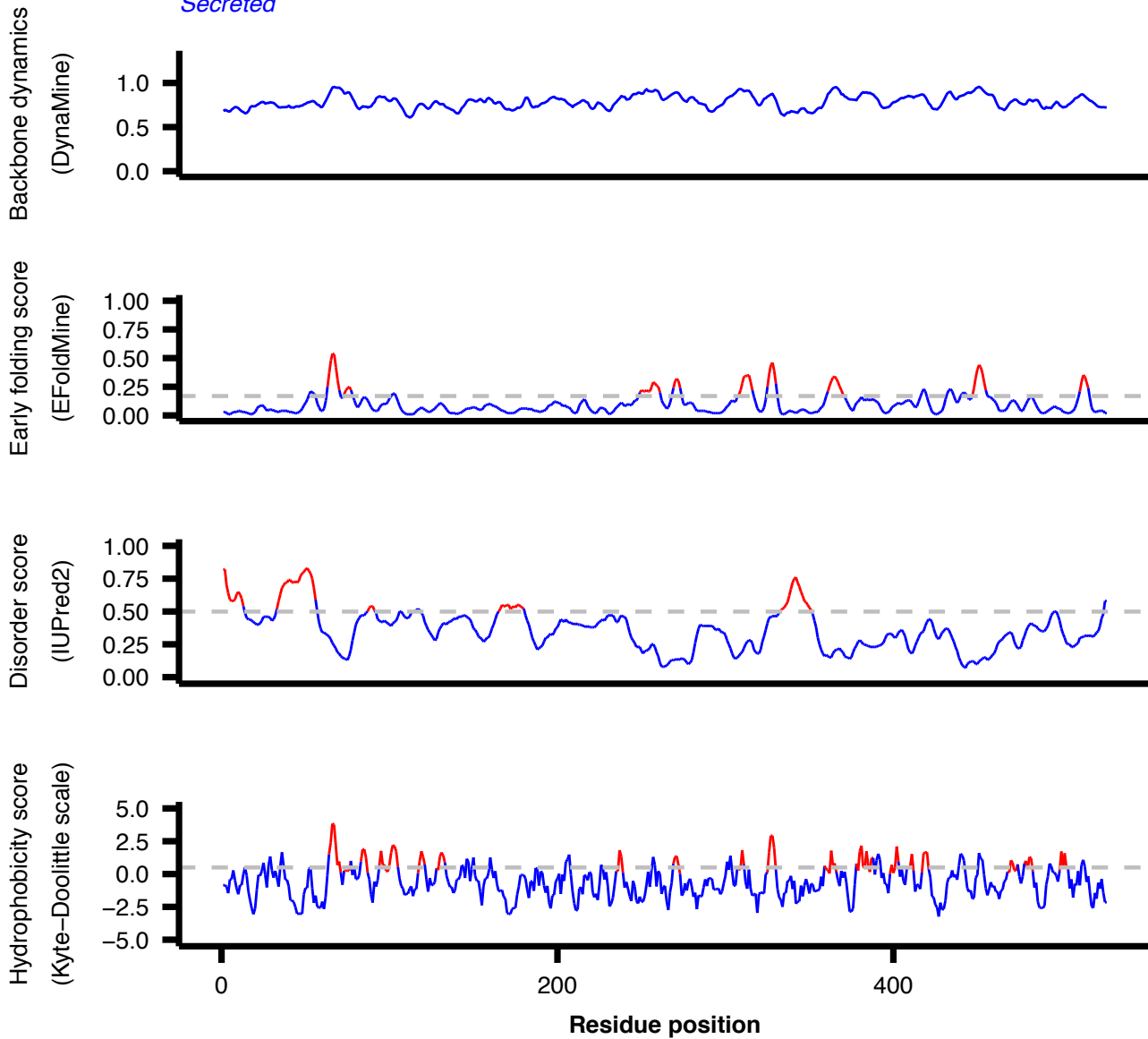
# P30860 (ARTJ\_ECOLI)

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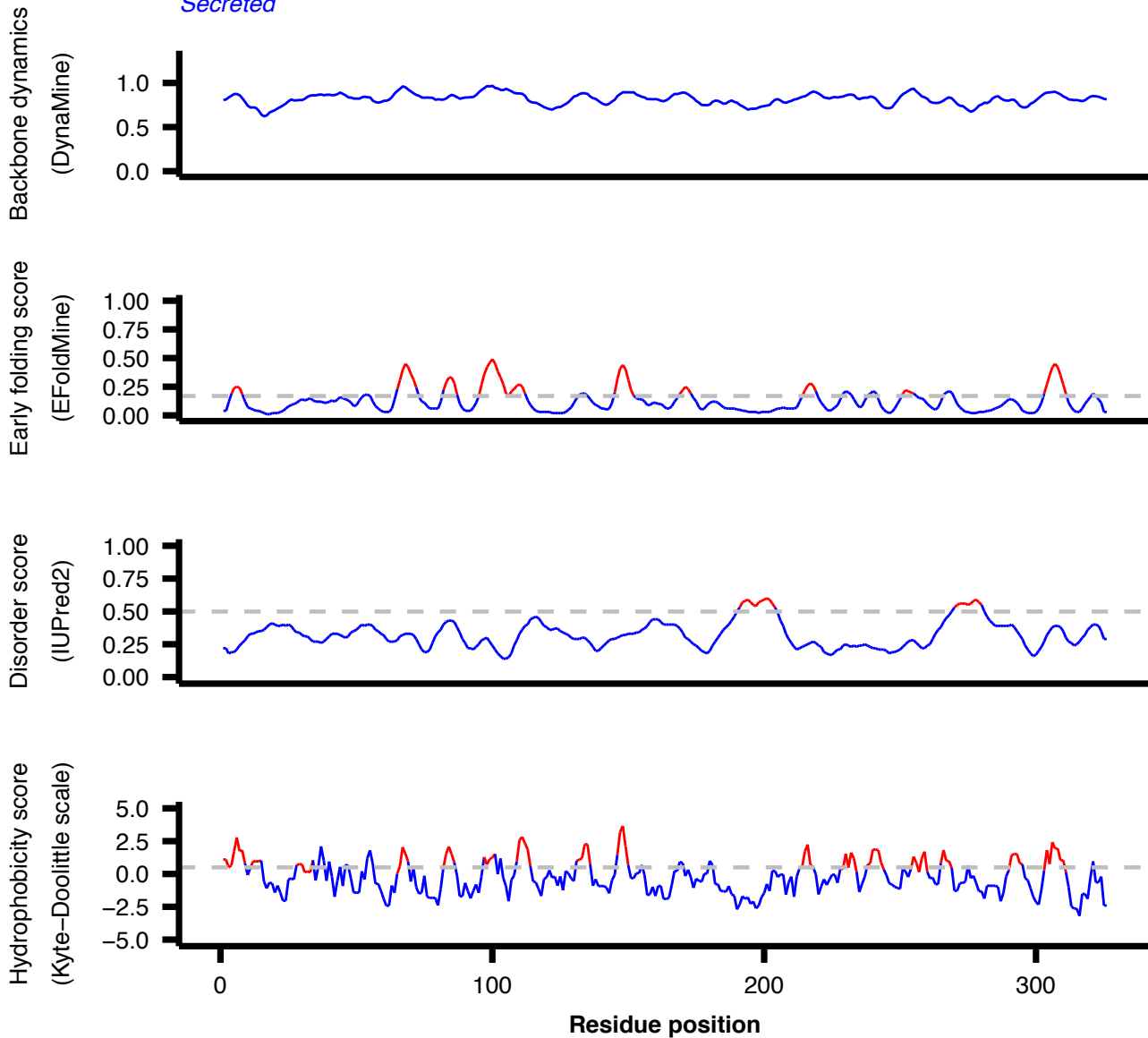
# P25549 (ASLA\_ECOLI)

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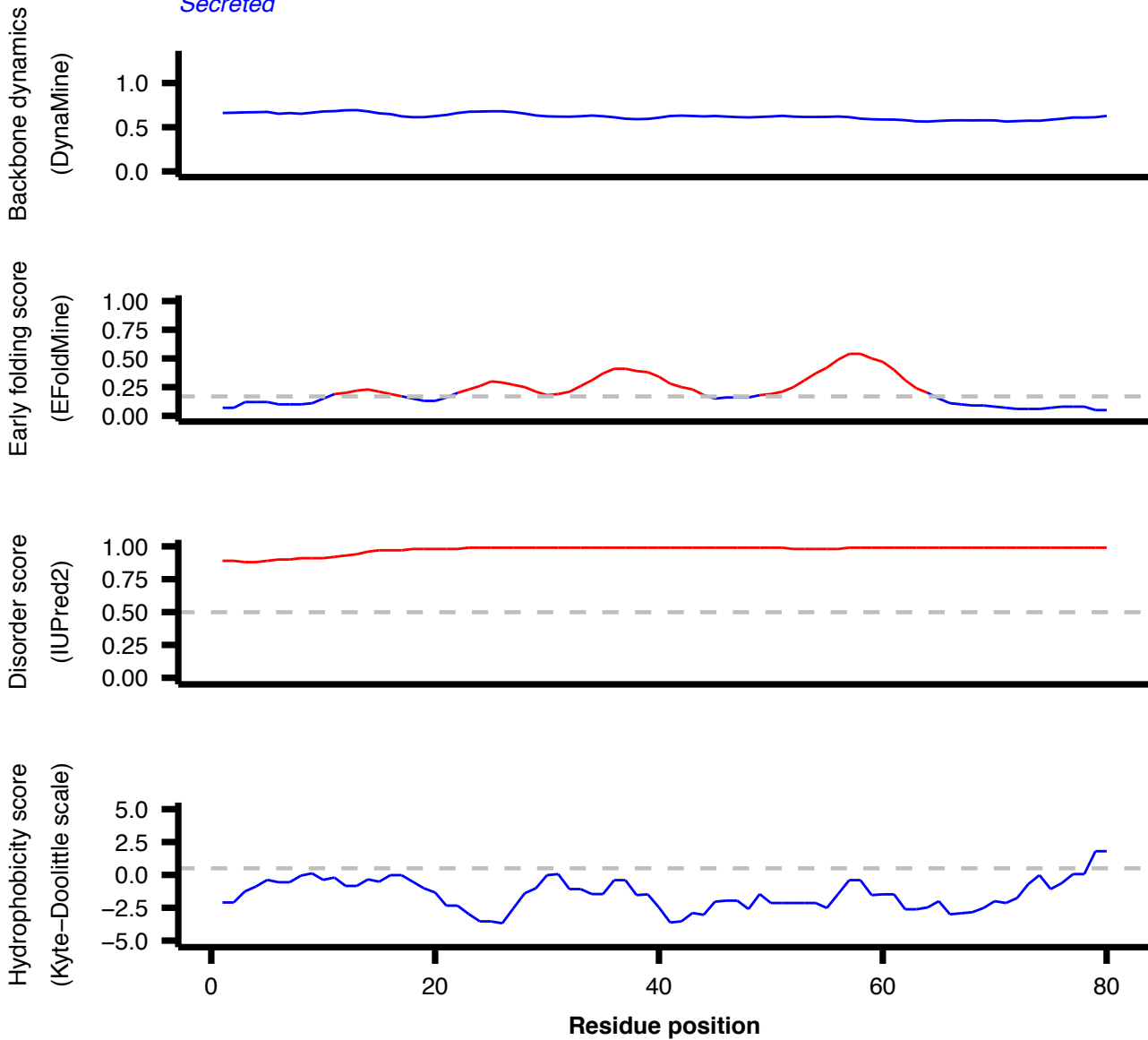
# P00805 (ASPG2\_ECOLI)

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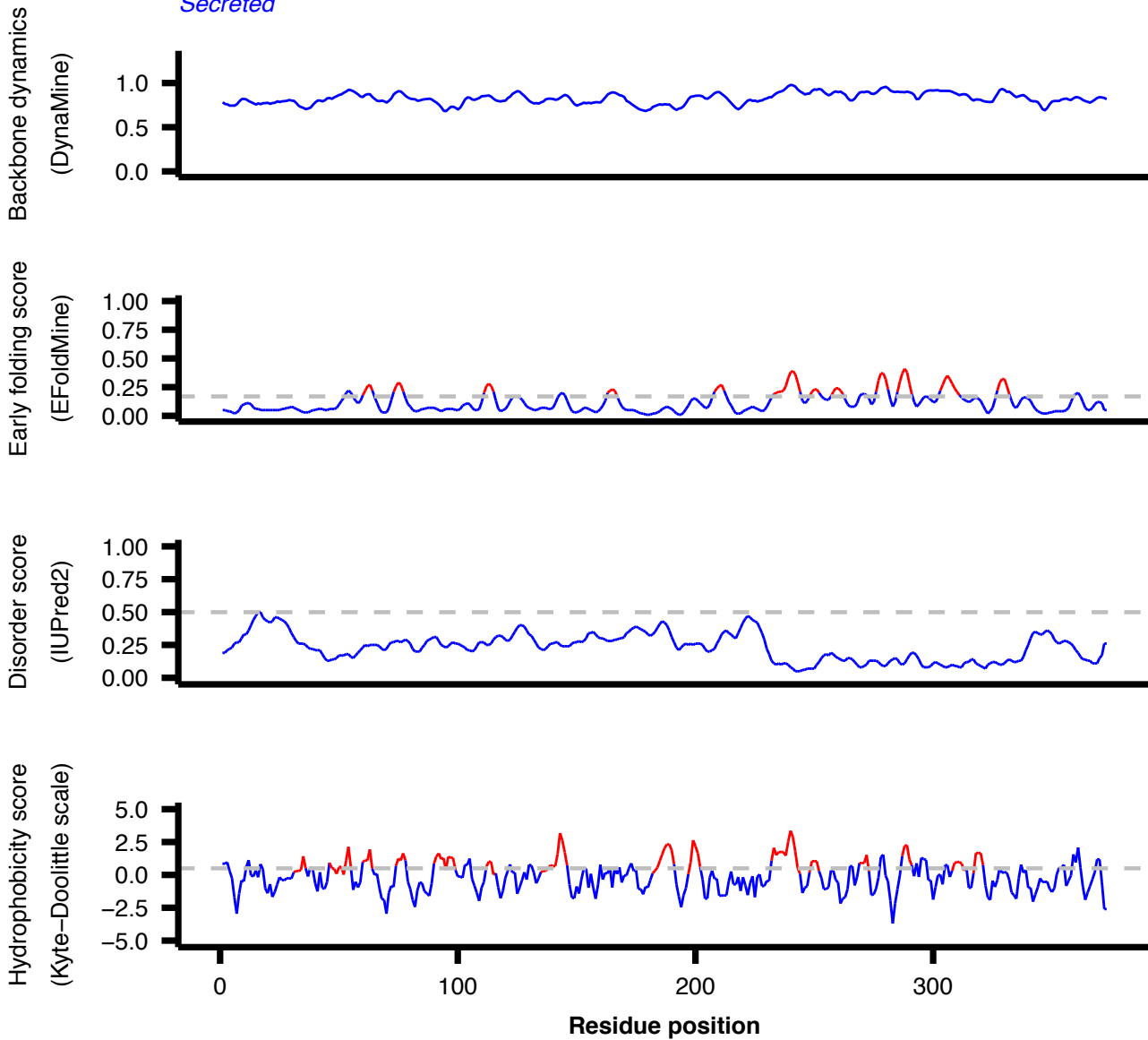
# P36560 (ASR\_ECOLI)

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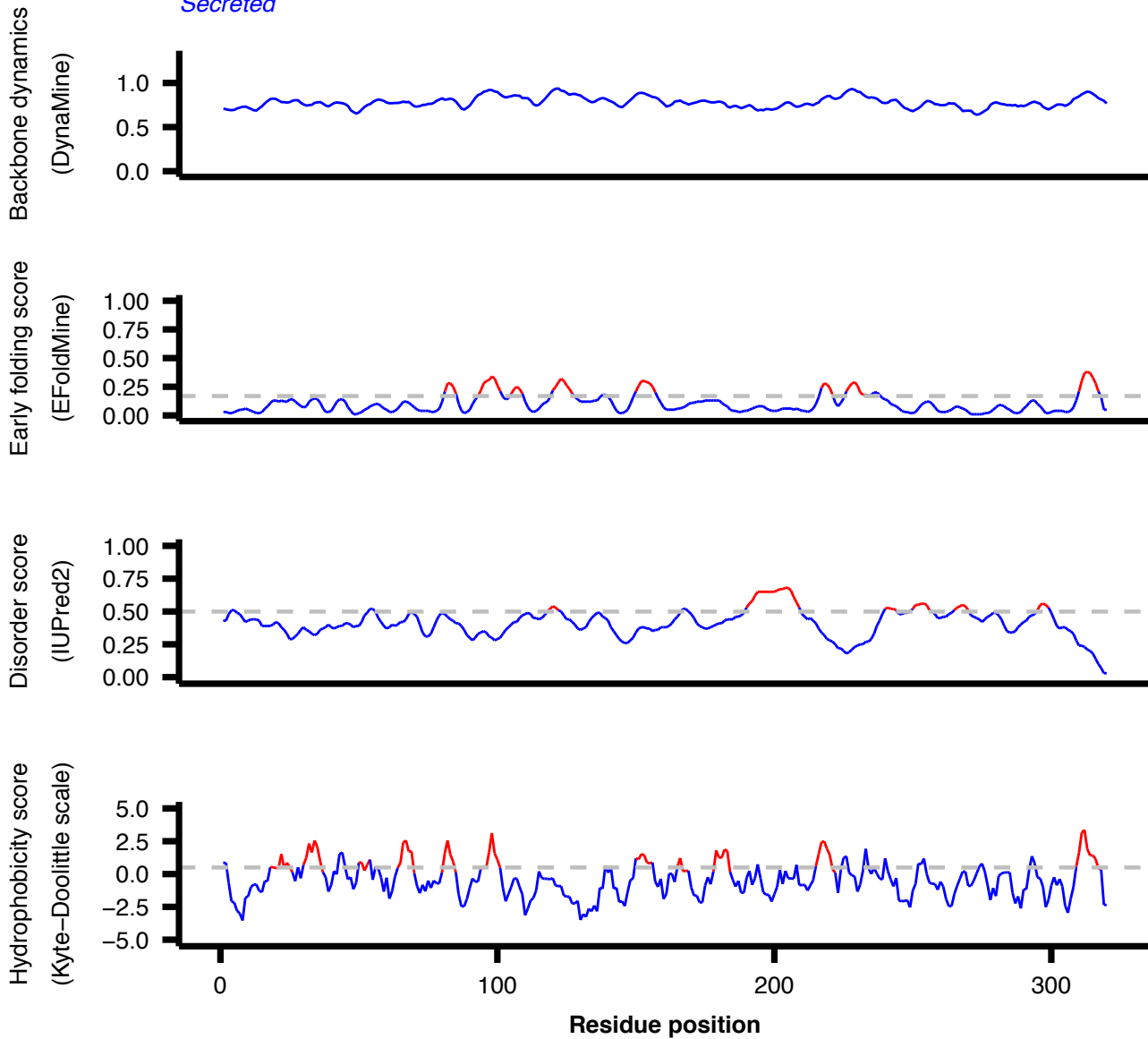
# P77774 (BAMB\_ECOLI)

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# P0A903 (BAMC\_ECOLI)

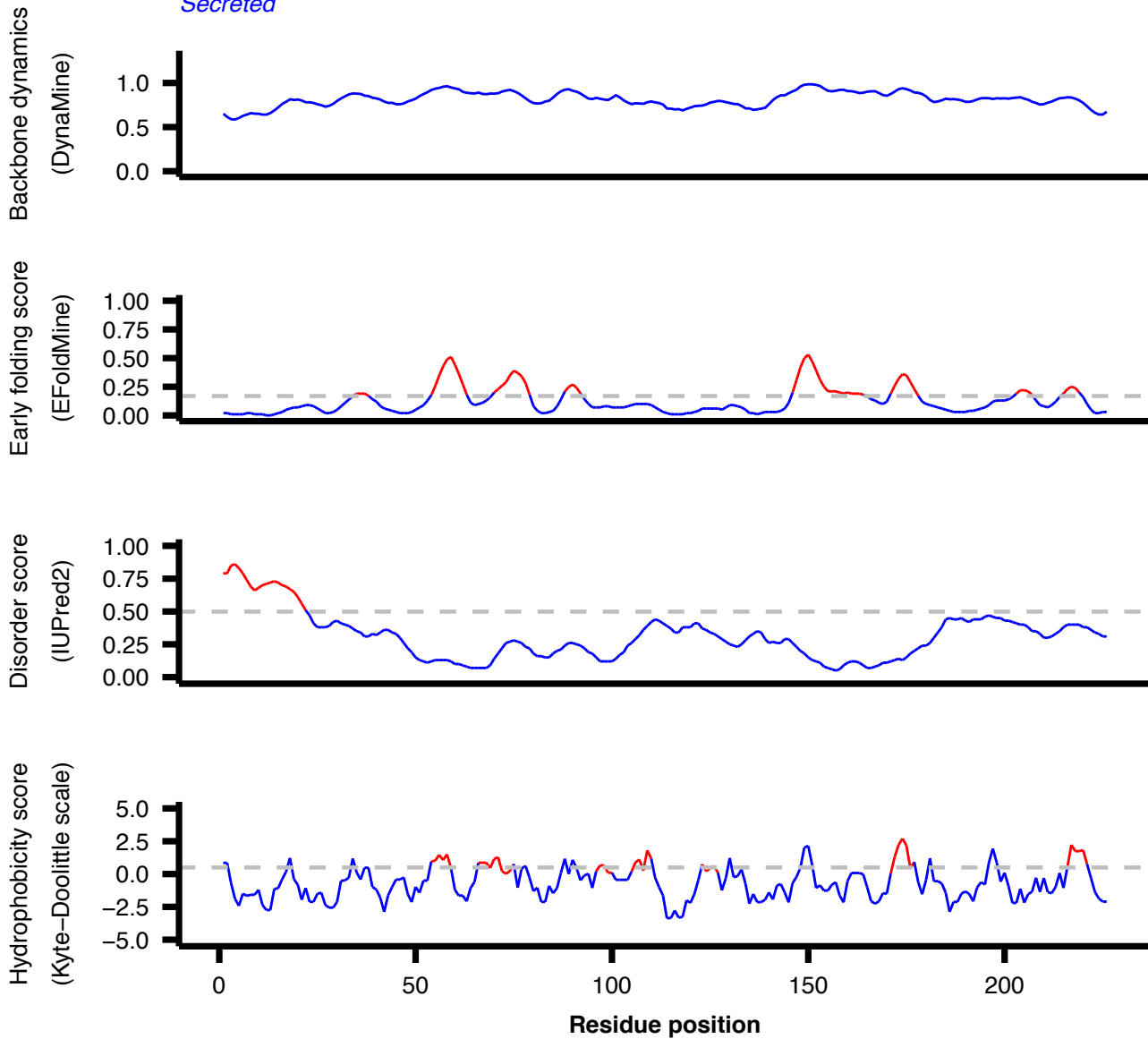
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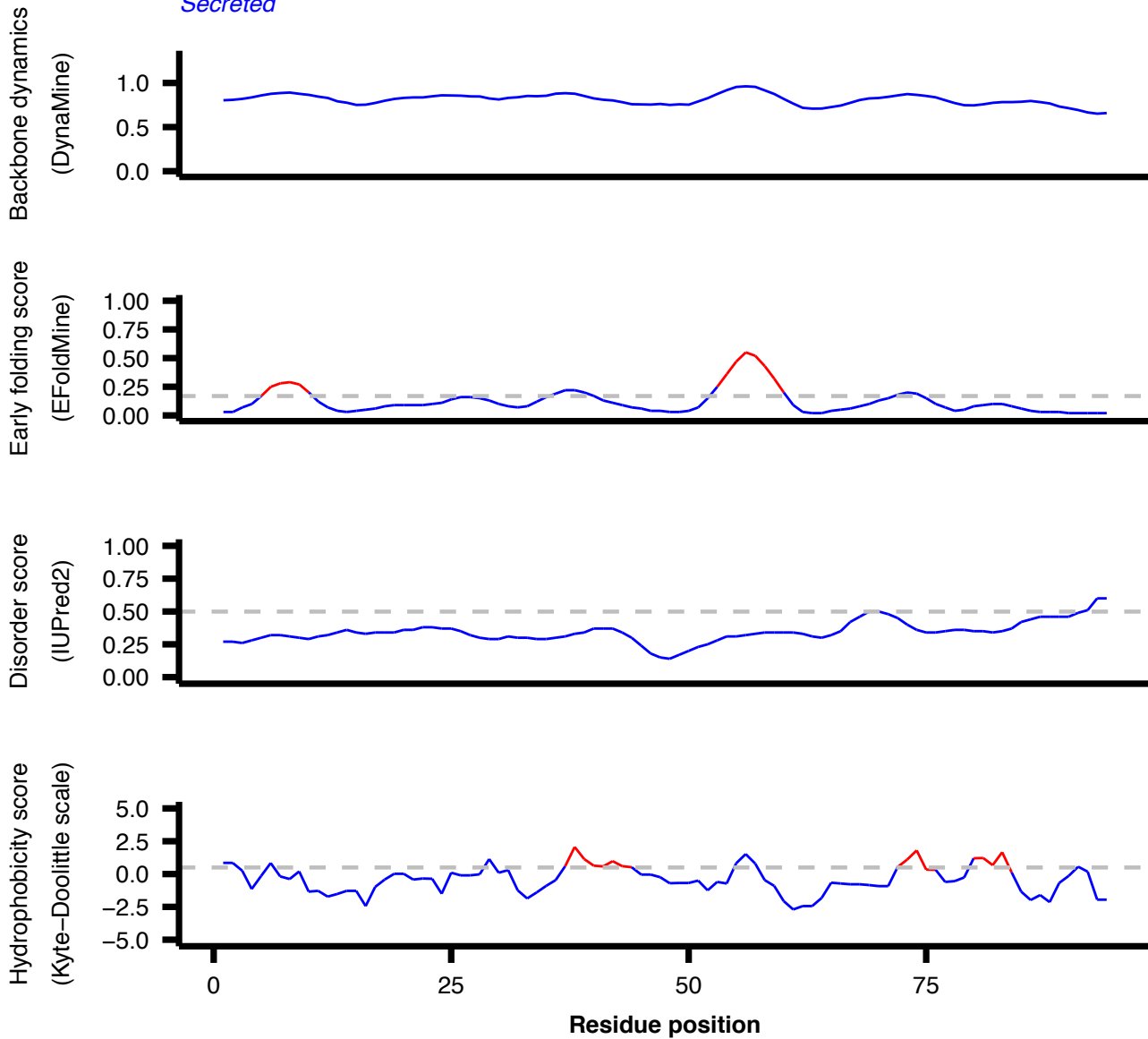
# P0AC02 (BAMD\_ECOLI)

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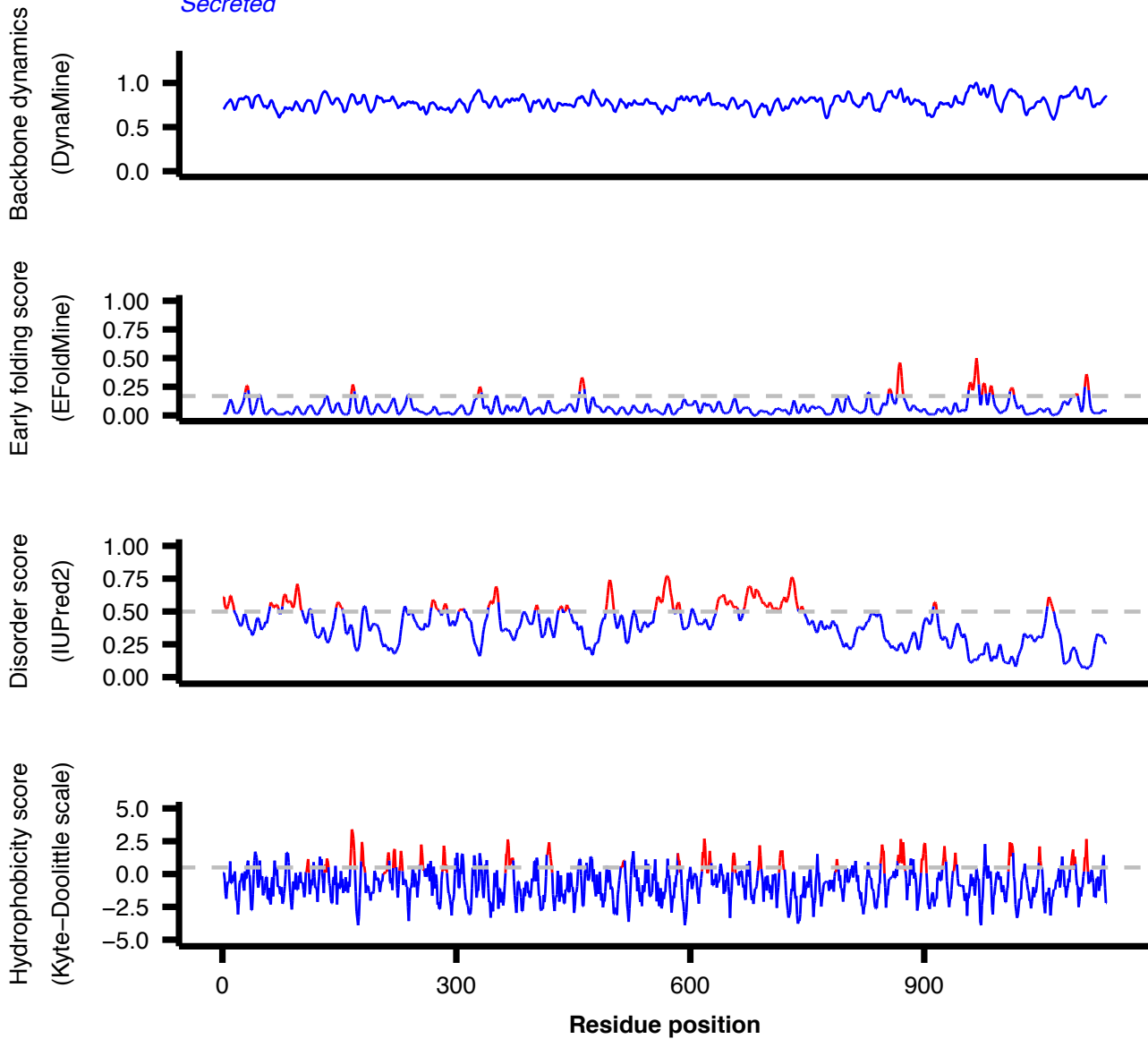
# P0A937 (BAME\_ECOLI)

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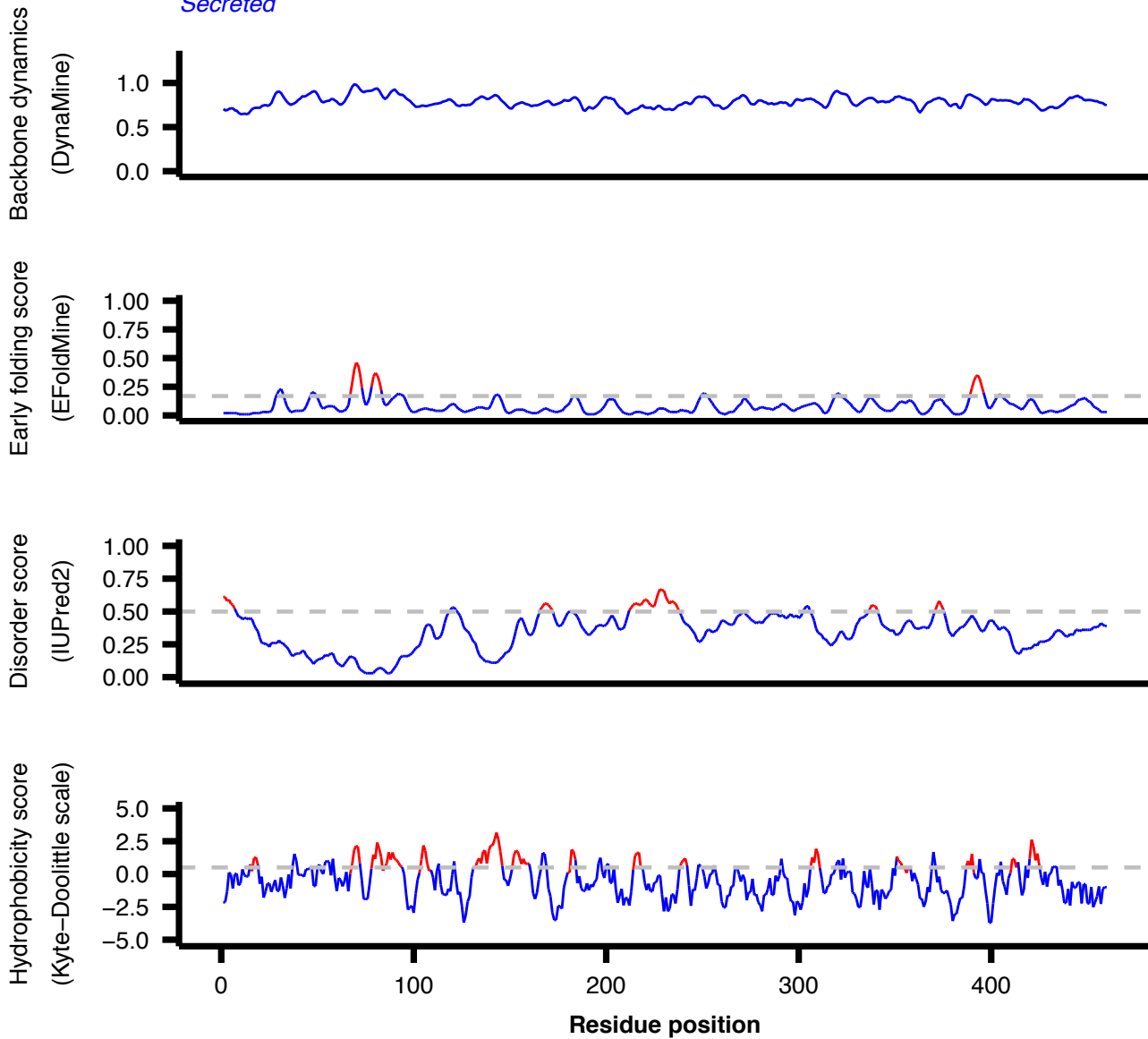
# P37650 (BCSC\_ECOLI)

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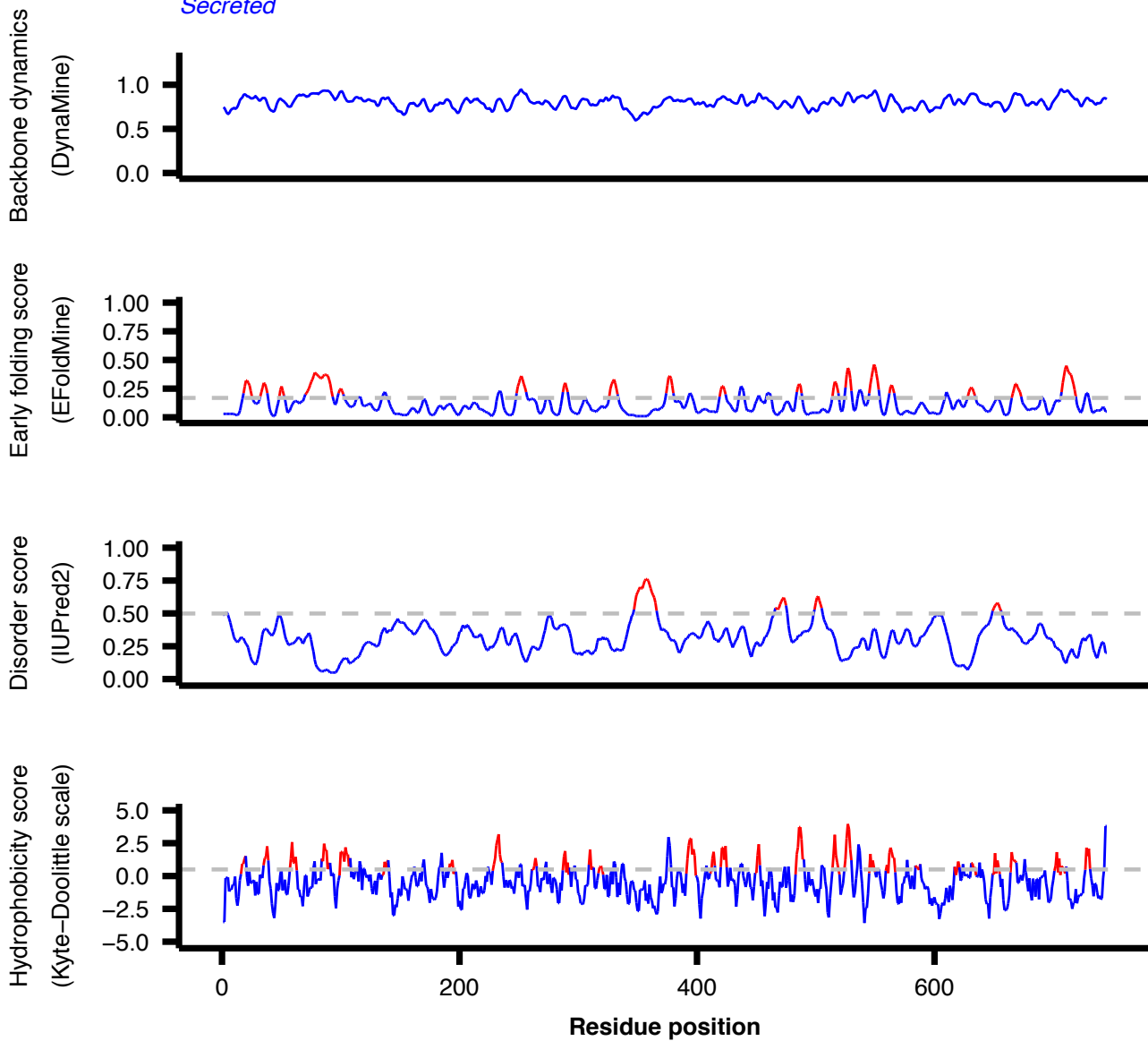
# P66948 (BEPA\_ECOLI)

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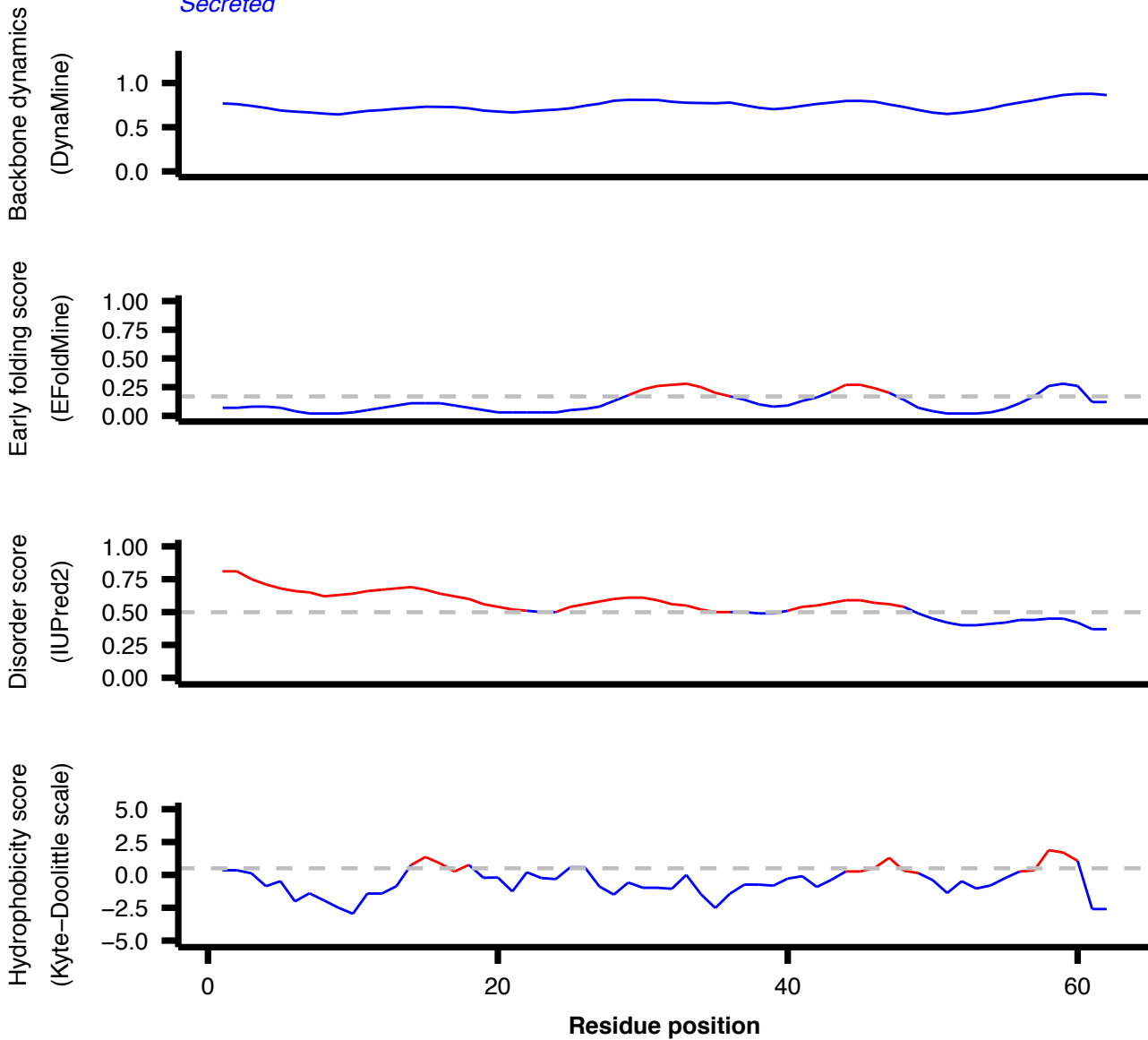
# P33363 (BGLX\_ECOLI)

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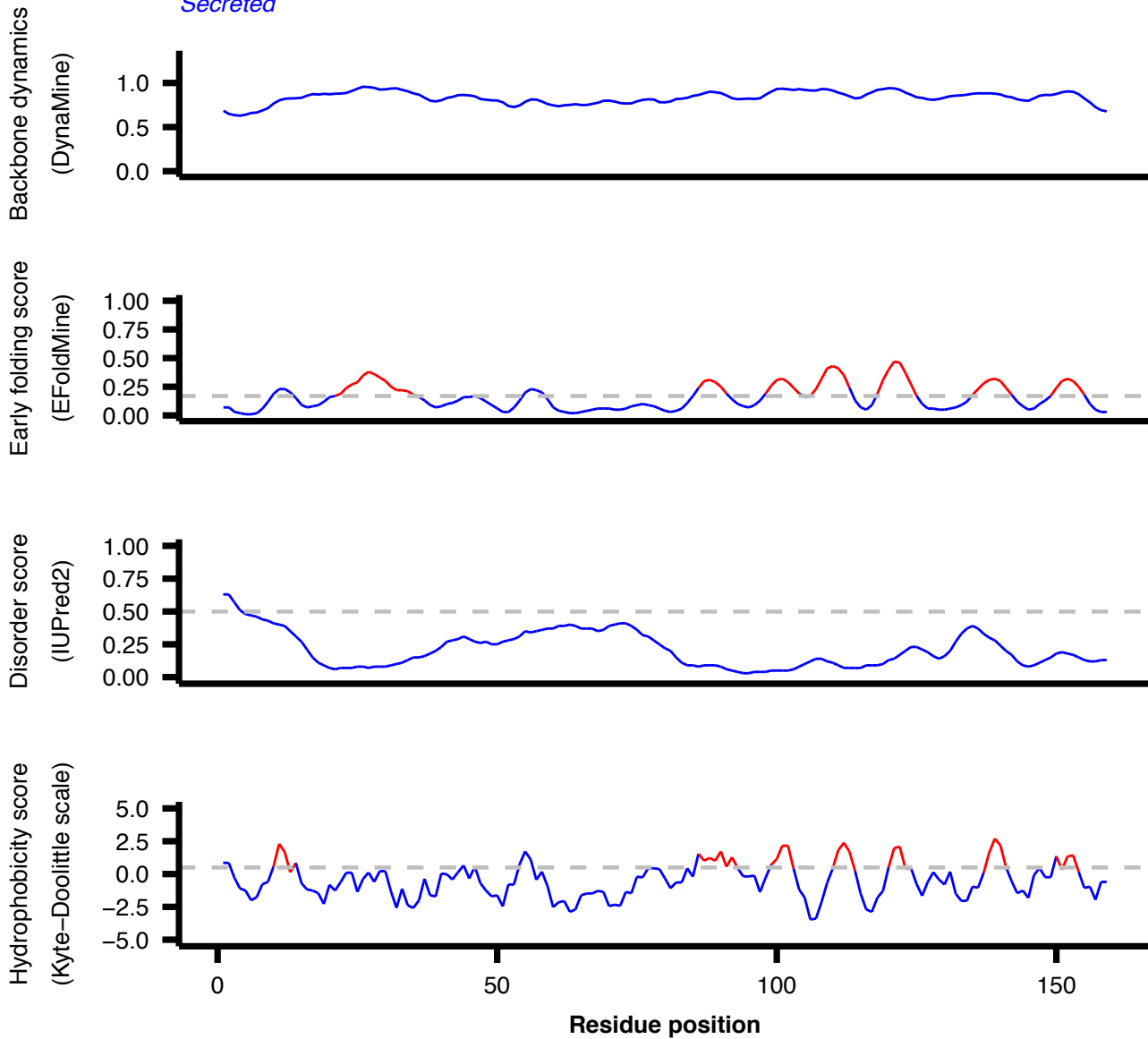
# P0AB40 (BHSA\_ECOLI)

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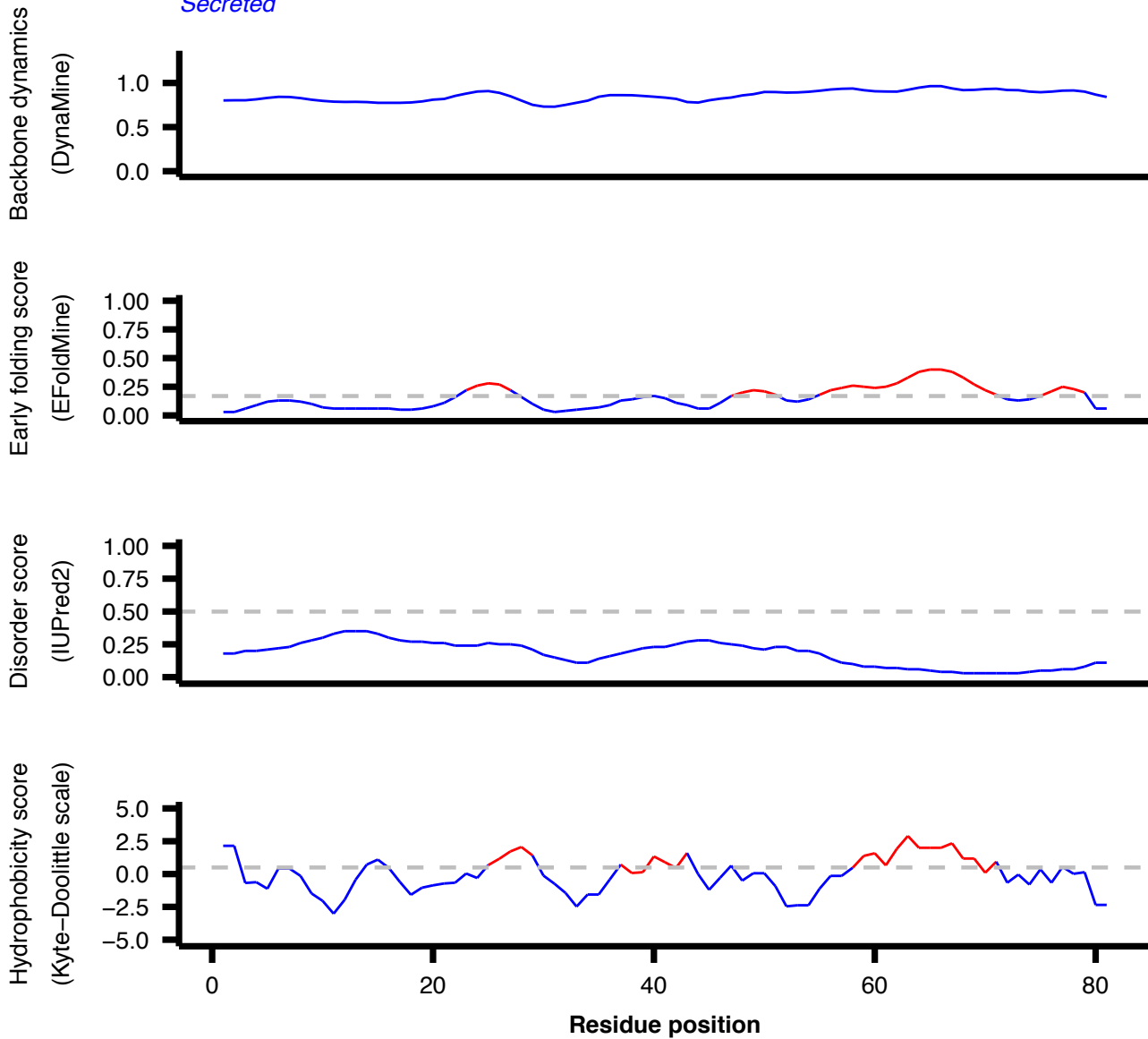
# P0A901 (BLC\_ECOLI)

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# P77330 (BORD\_ECOLI)

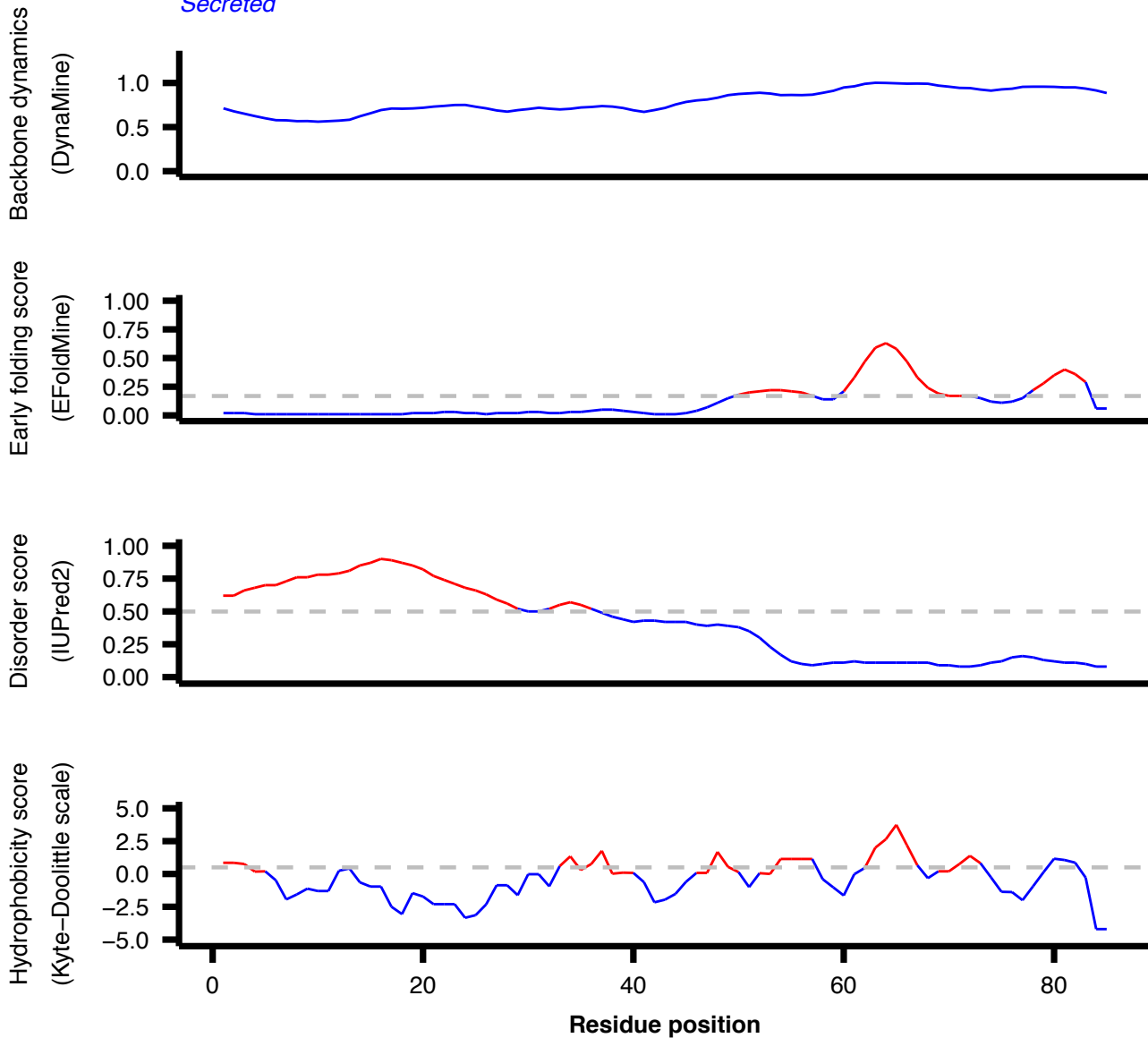
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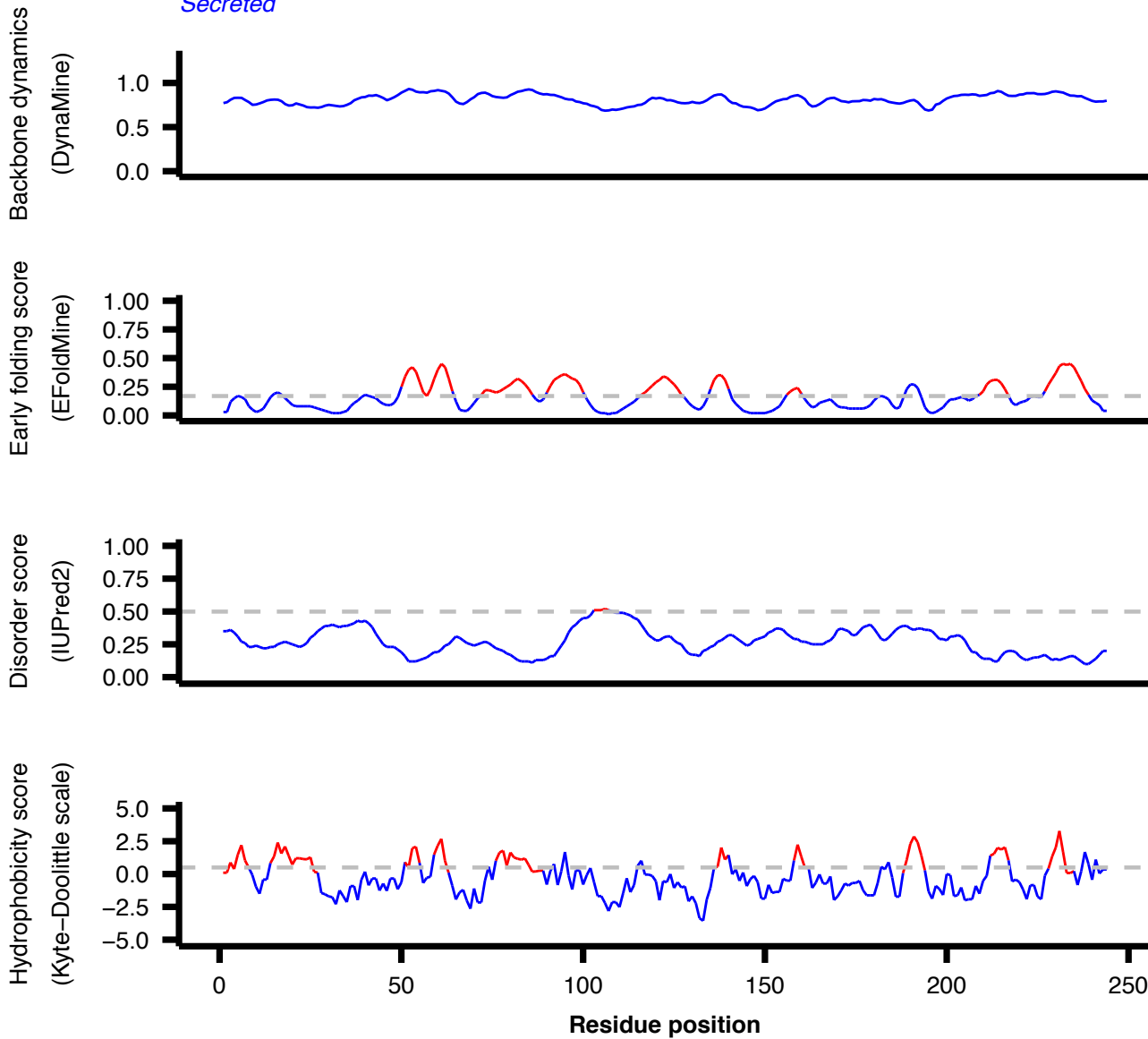
# P39297 (BSMA\_ECOLI)

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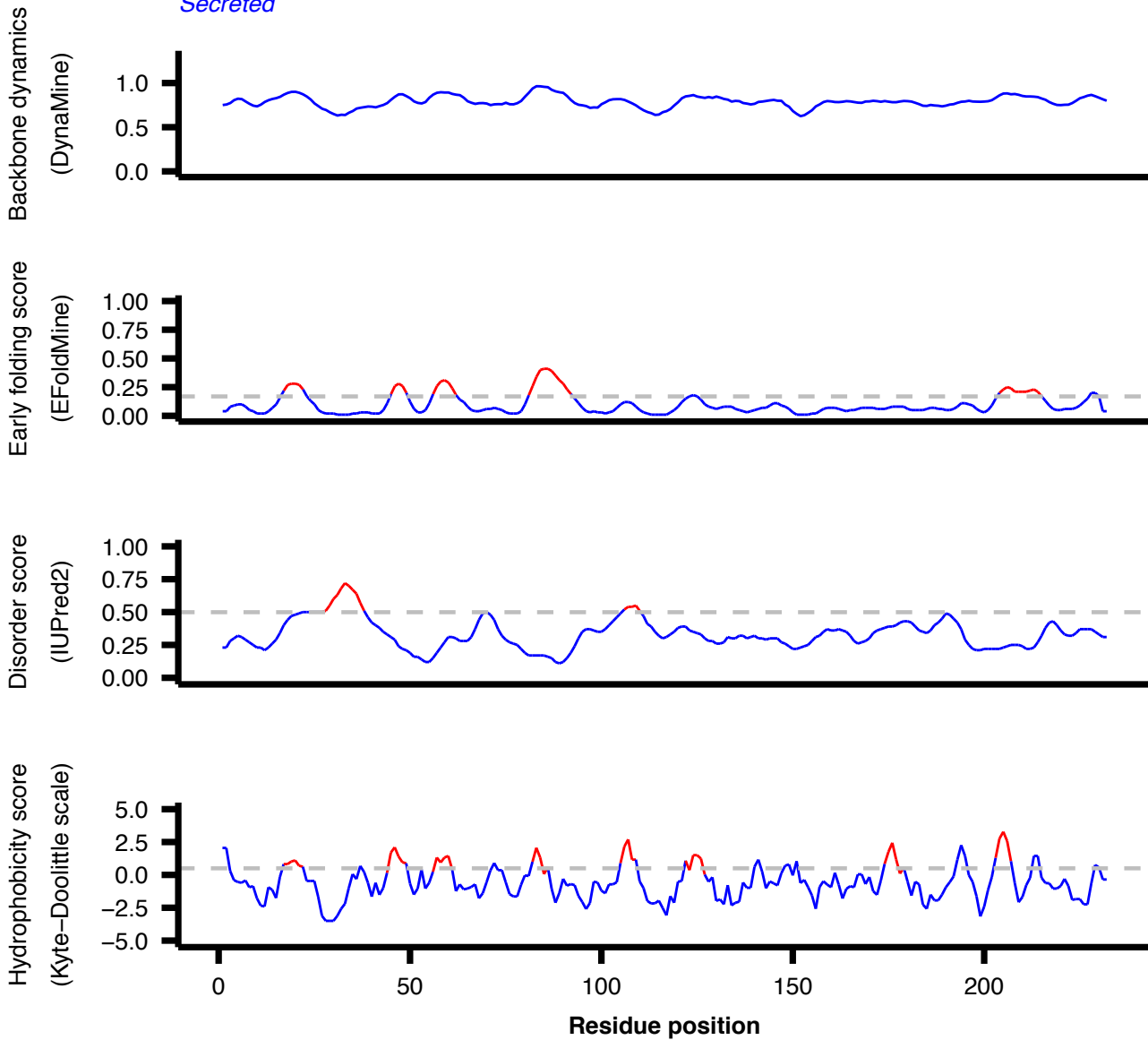
# P37028 (BTUF\_ECOLI)

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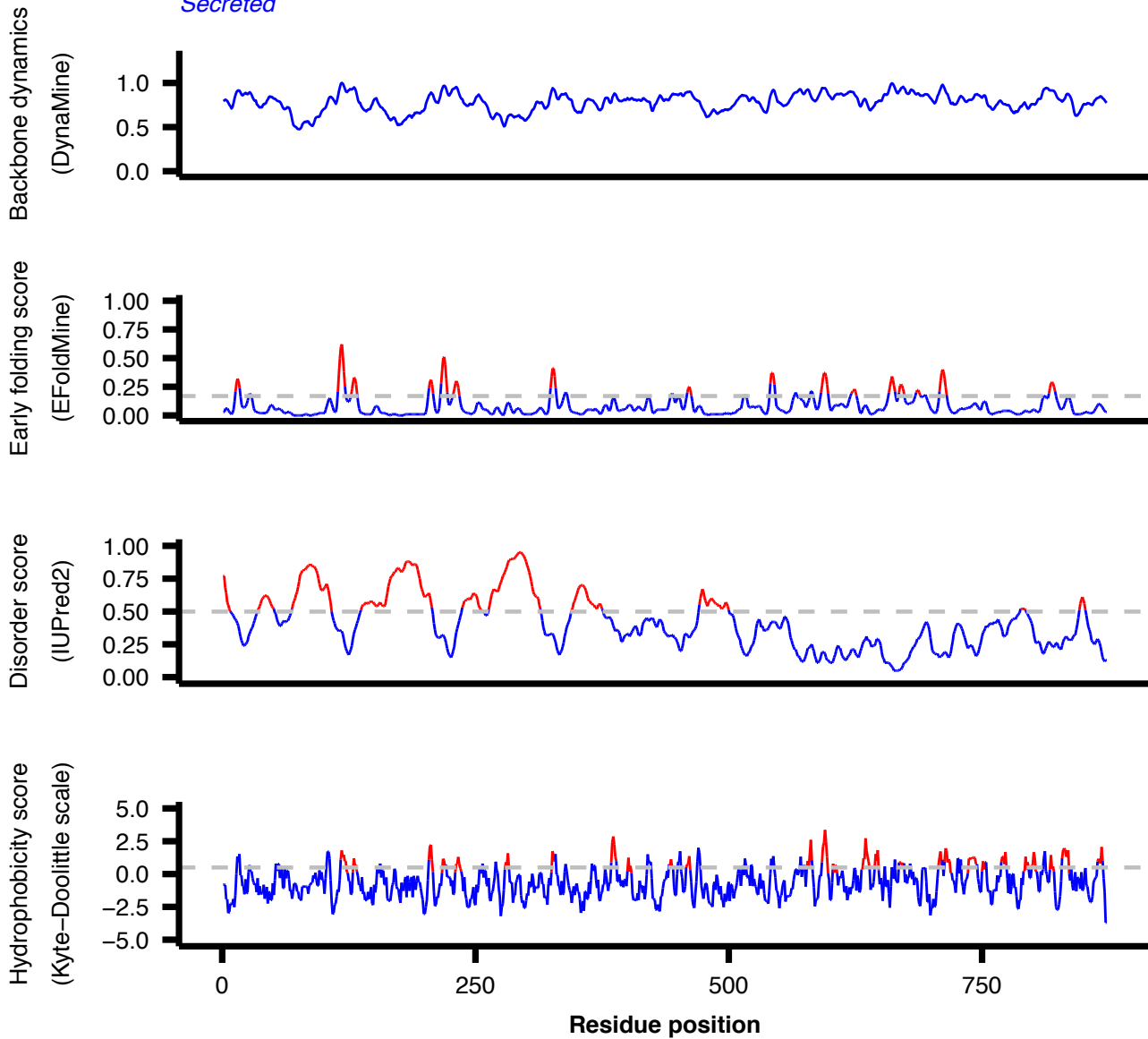
# P06282 (CDH\_ECOLI)

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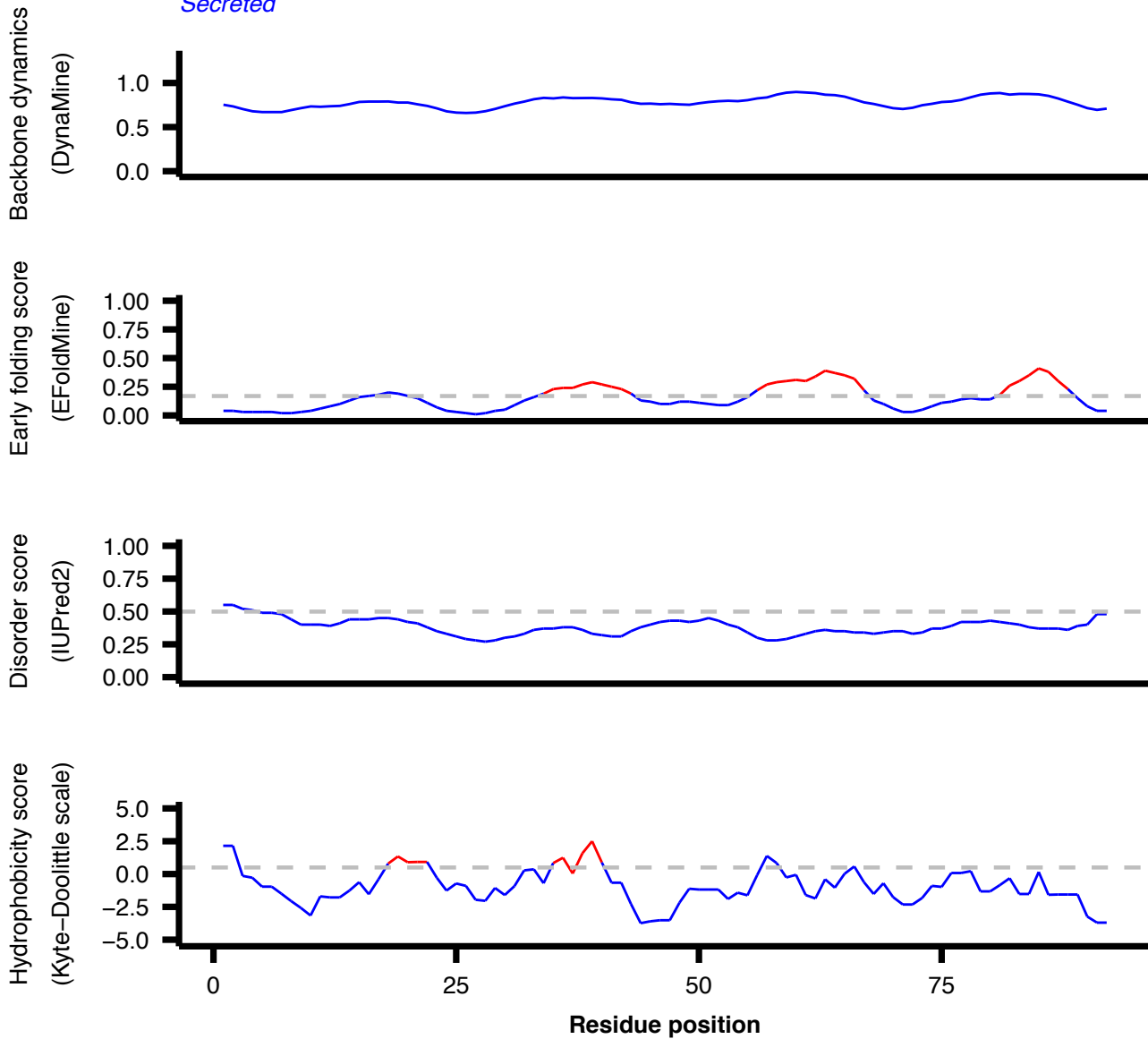
# P13656 (CHIA\_ECOLI)

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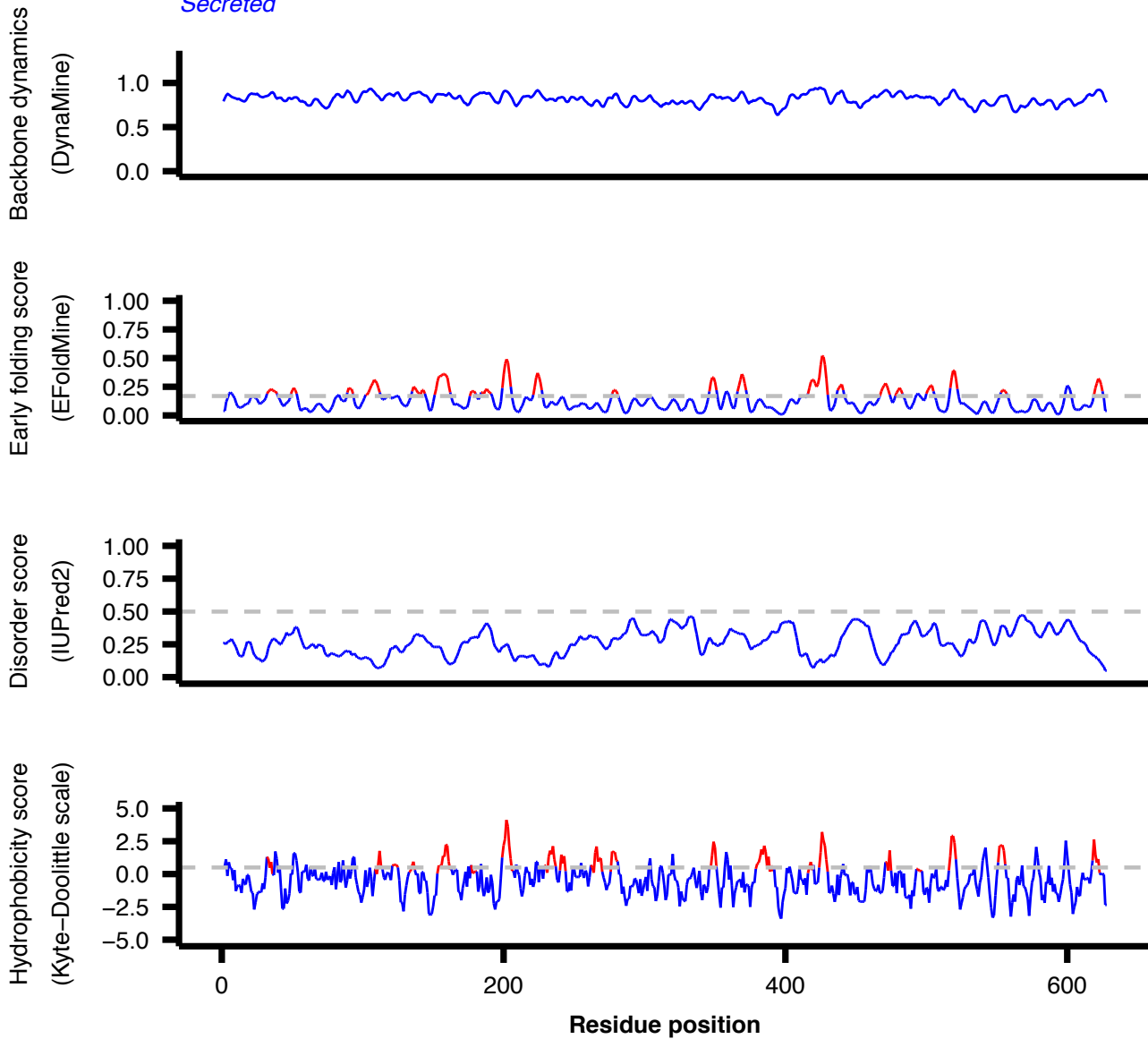
# P75734 (CHIQ\_ECOLI)

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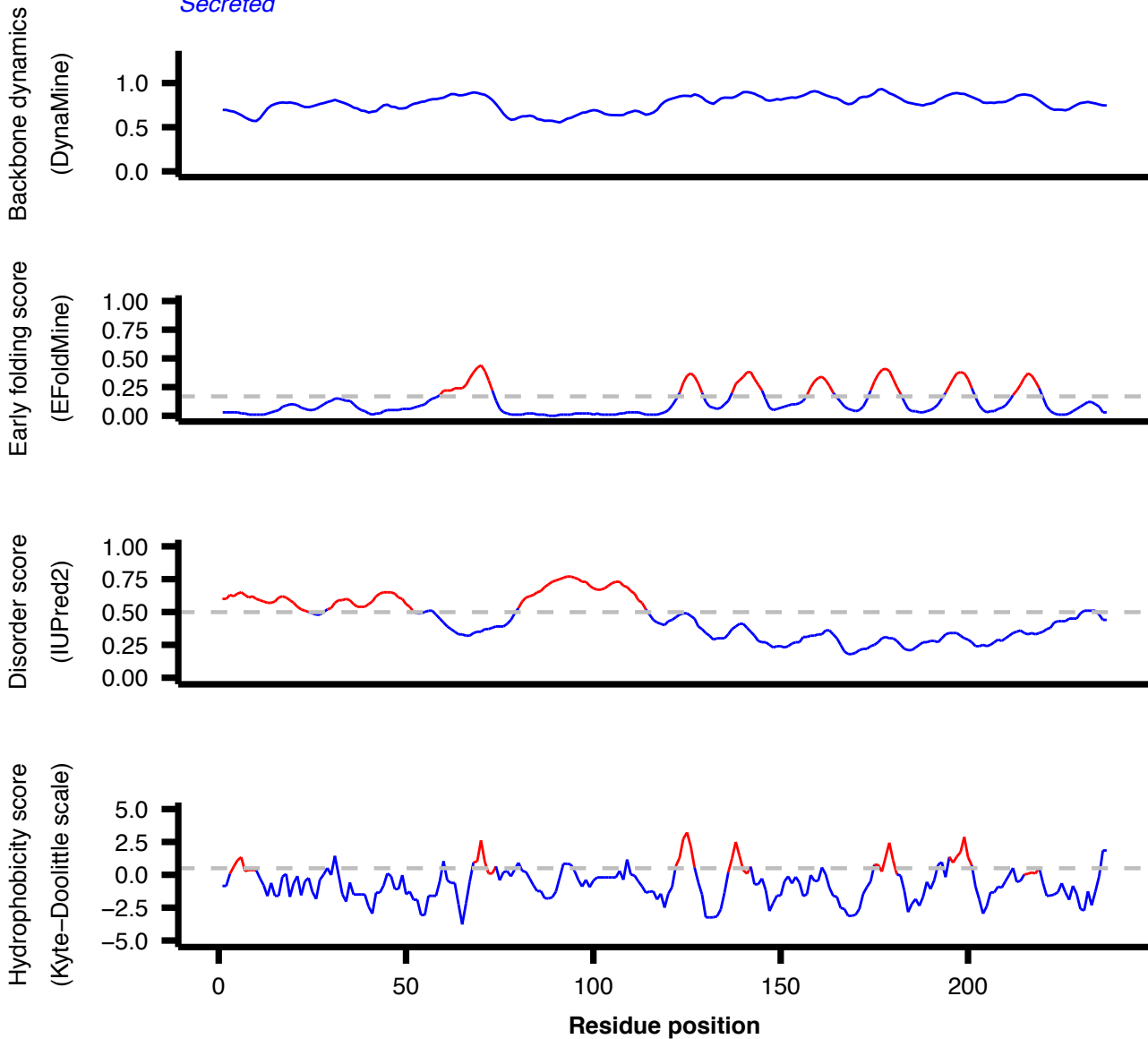
# P08331 (CPDB\_ECOLI)

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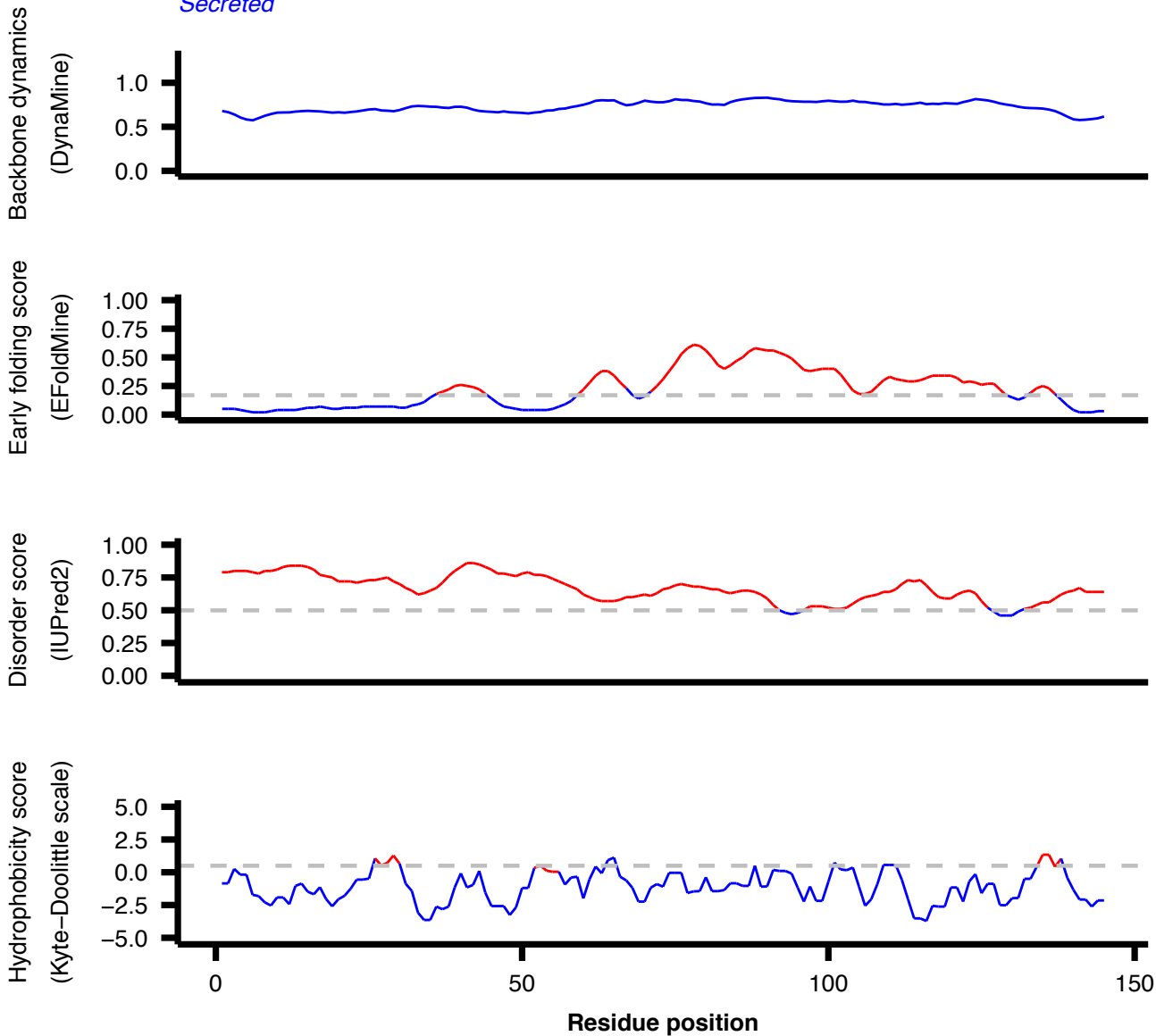
# P45955 (CPOB\_ECOLI)

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# P0AE85 (CPXP\_ECOLI)

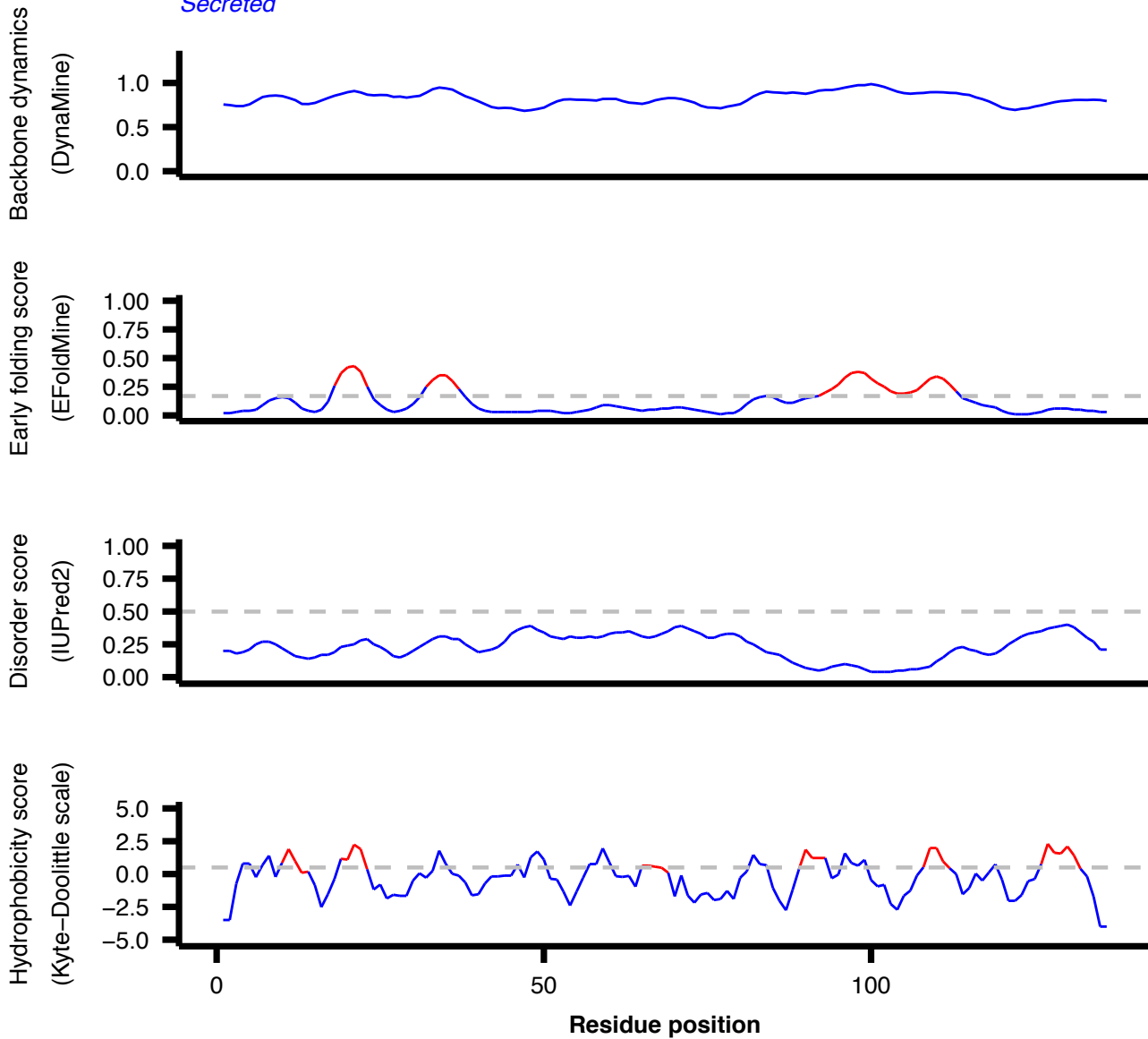
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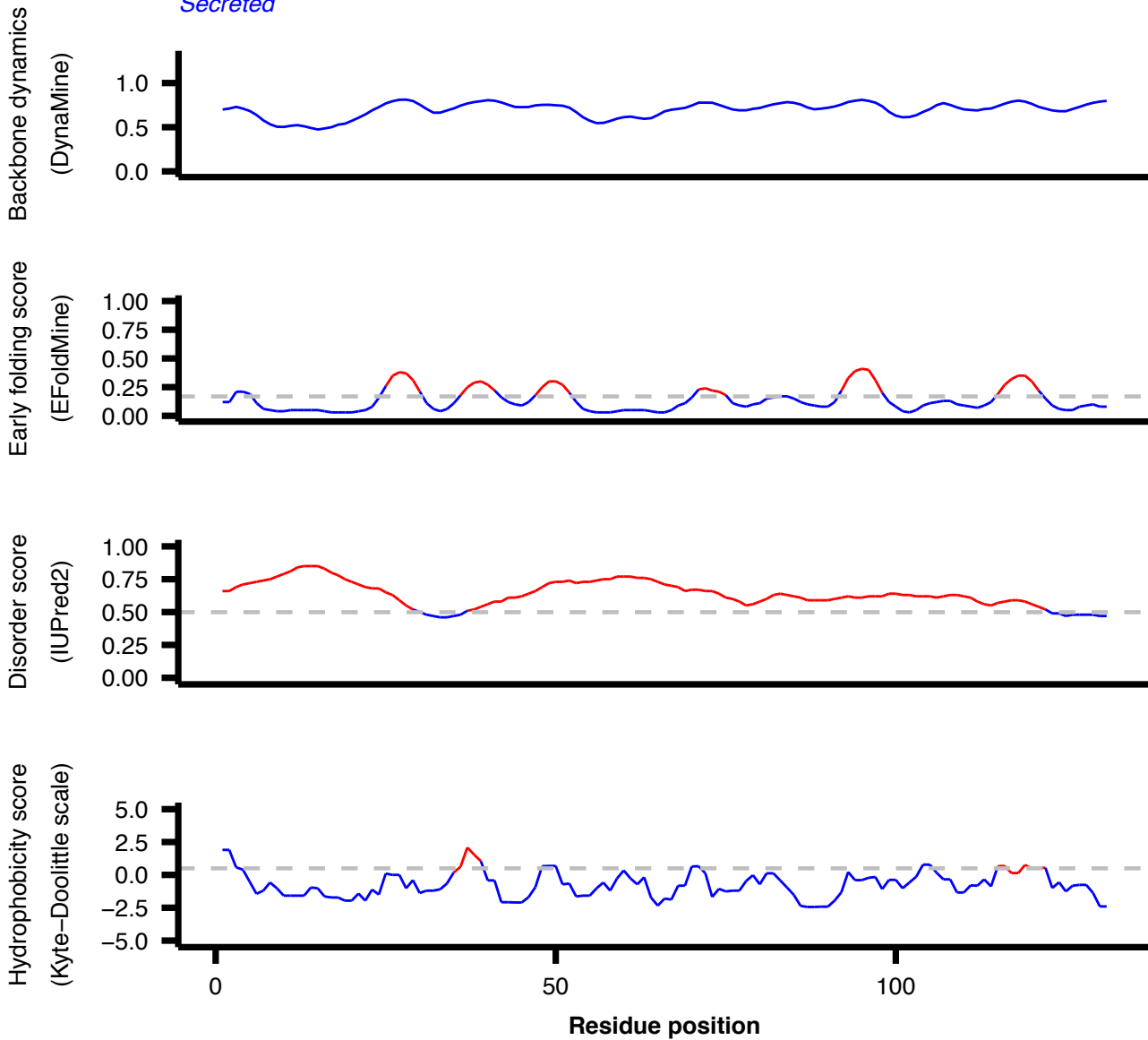
# P0AE91 (CREA\_ECOLI)

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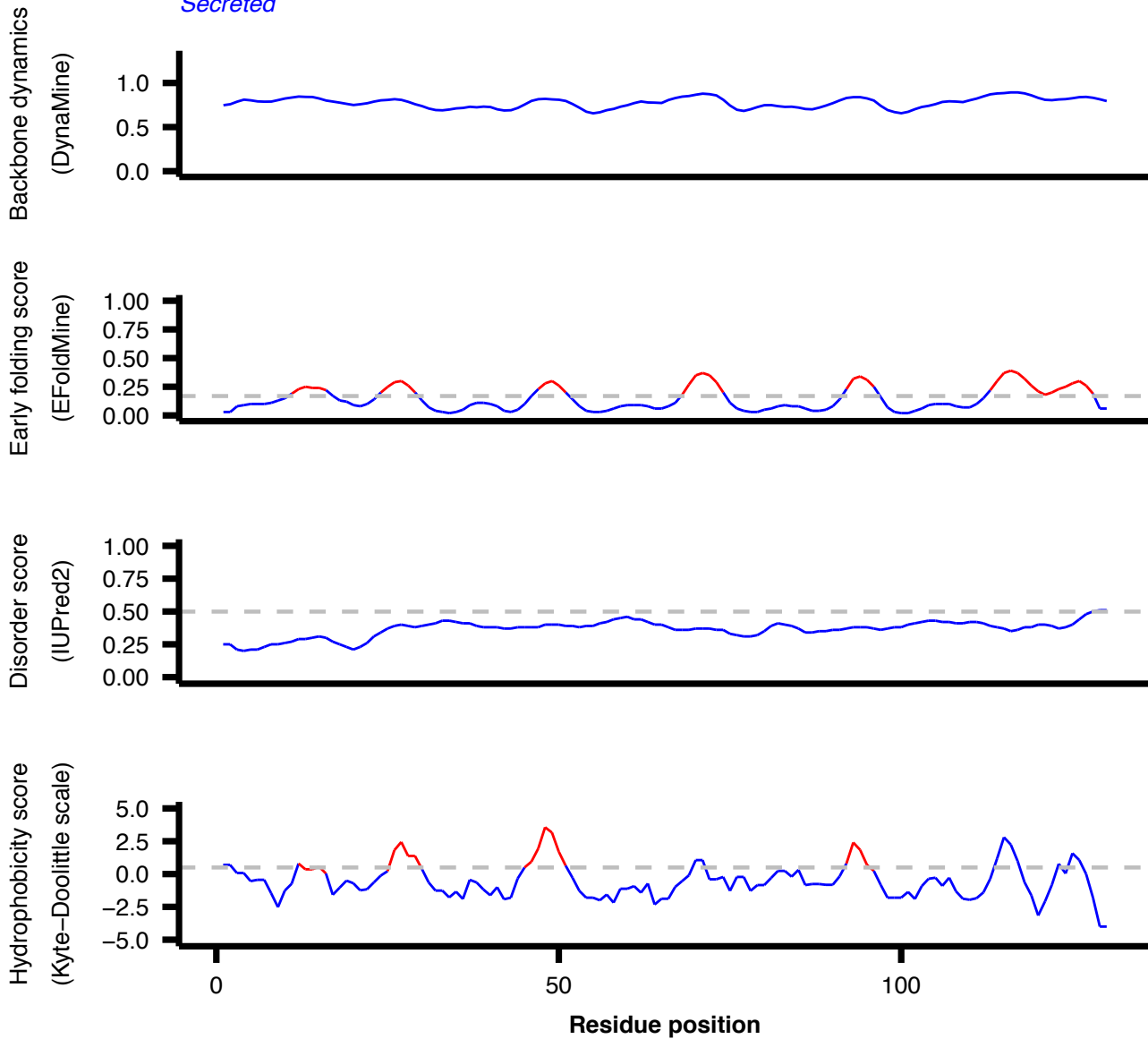
# P28307 (CSGA\_ECOLI)

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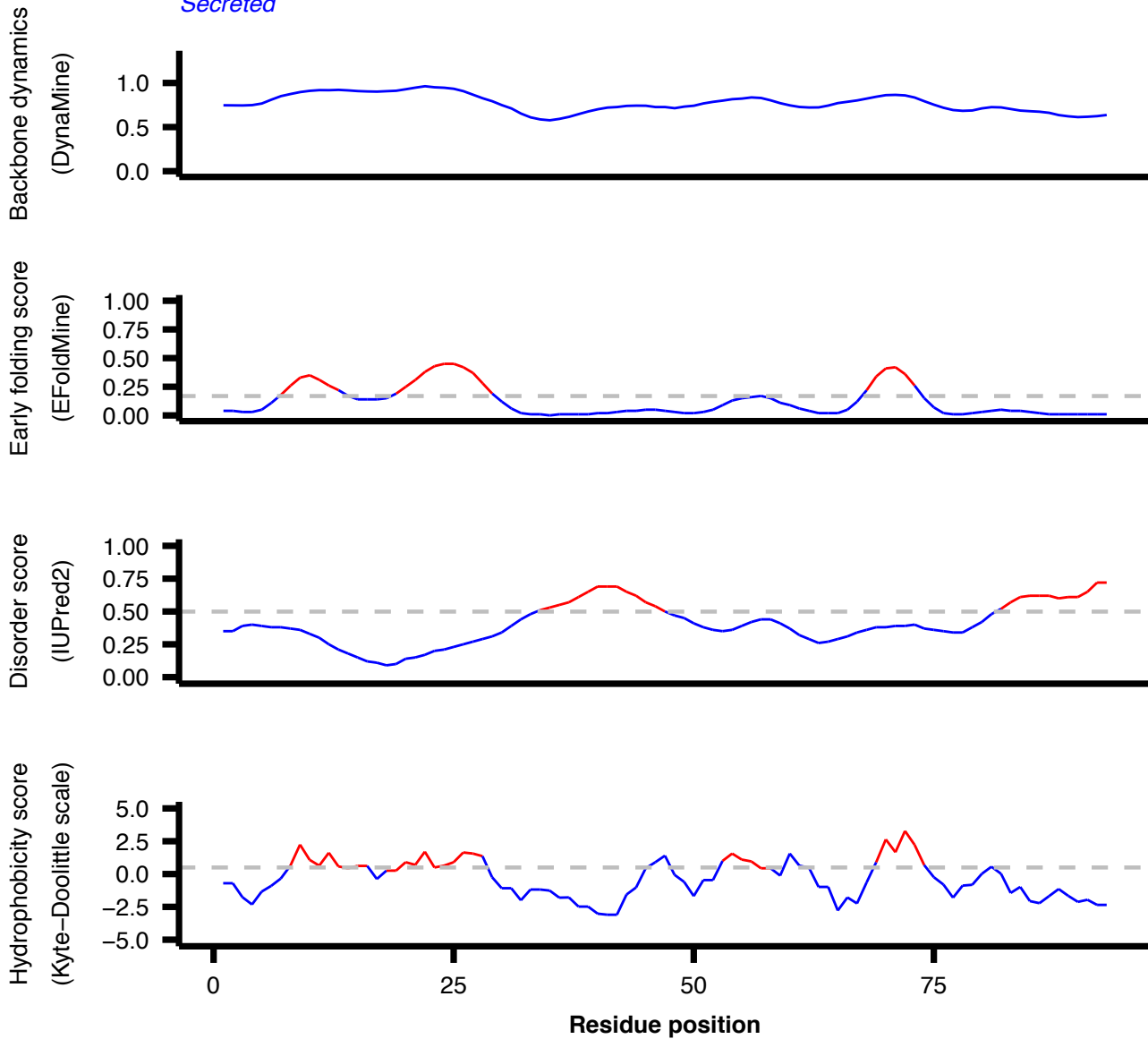
# P0ABK7 (CSGB\_ECOLI)

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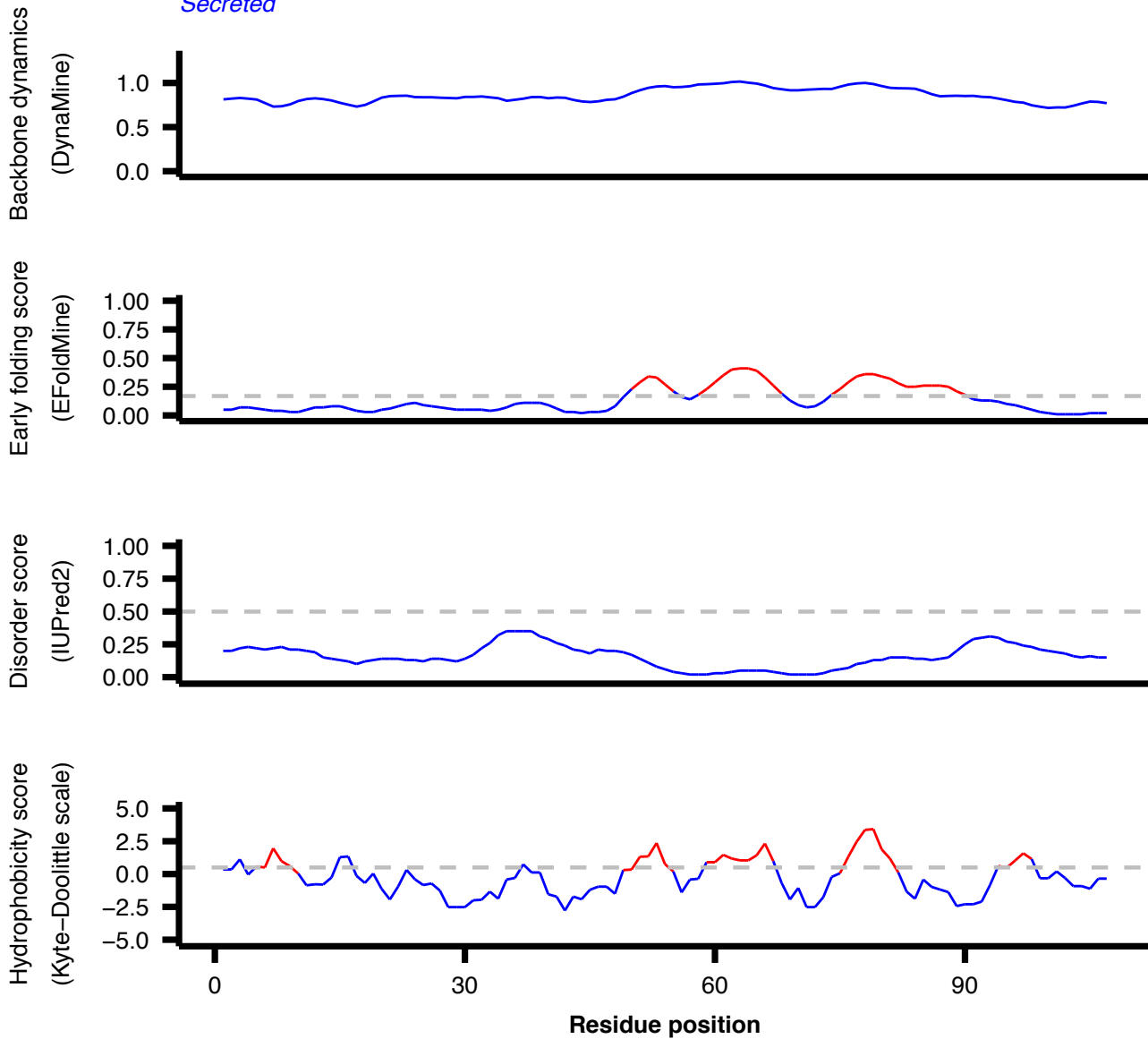
# P52107 (CSGC\_ECOLI)

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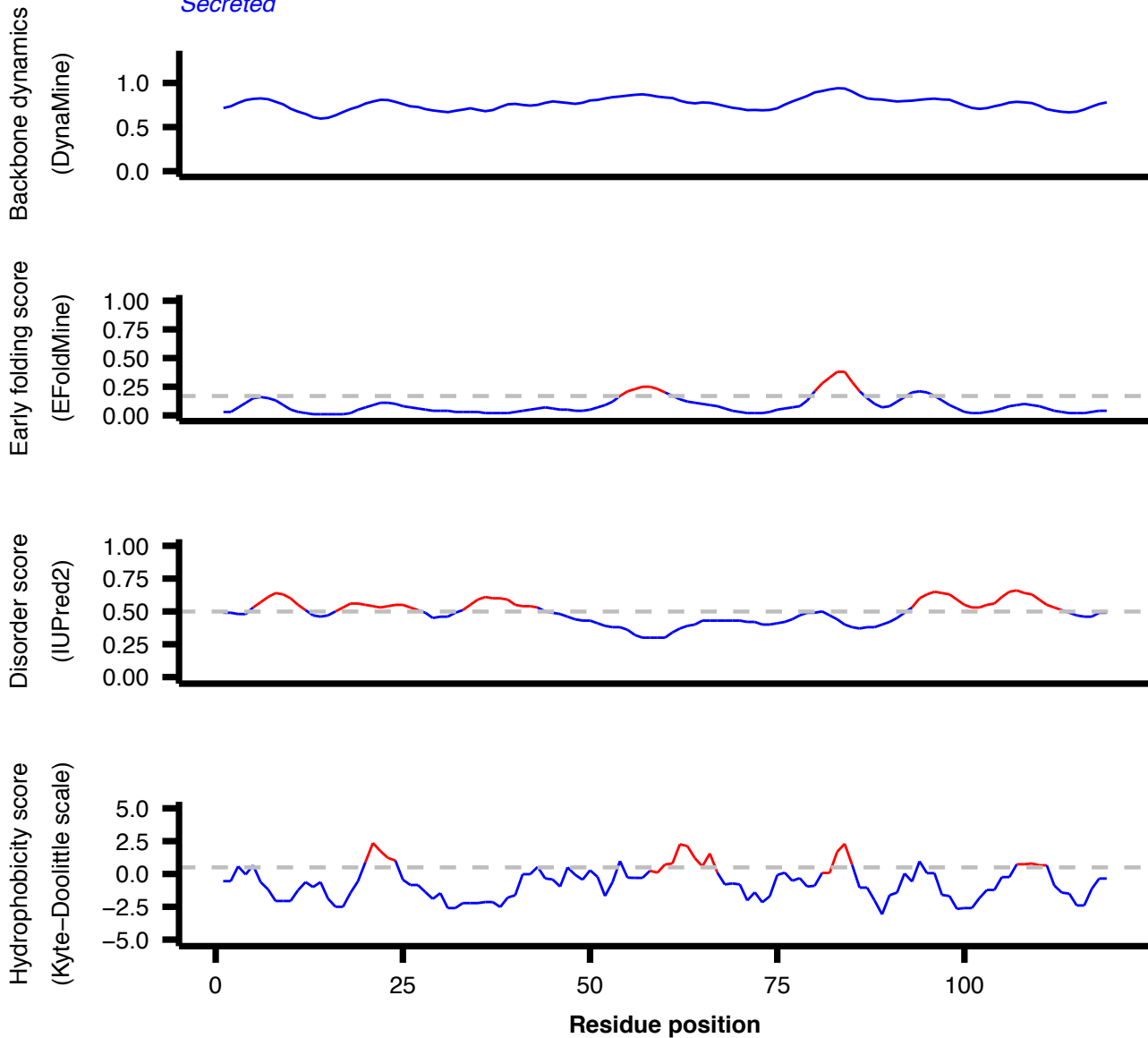
# P0AE95 (CSGE\_ECOLI)

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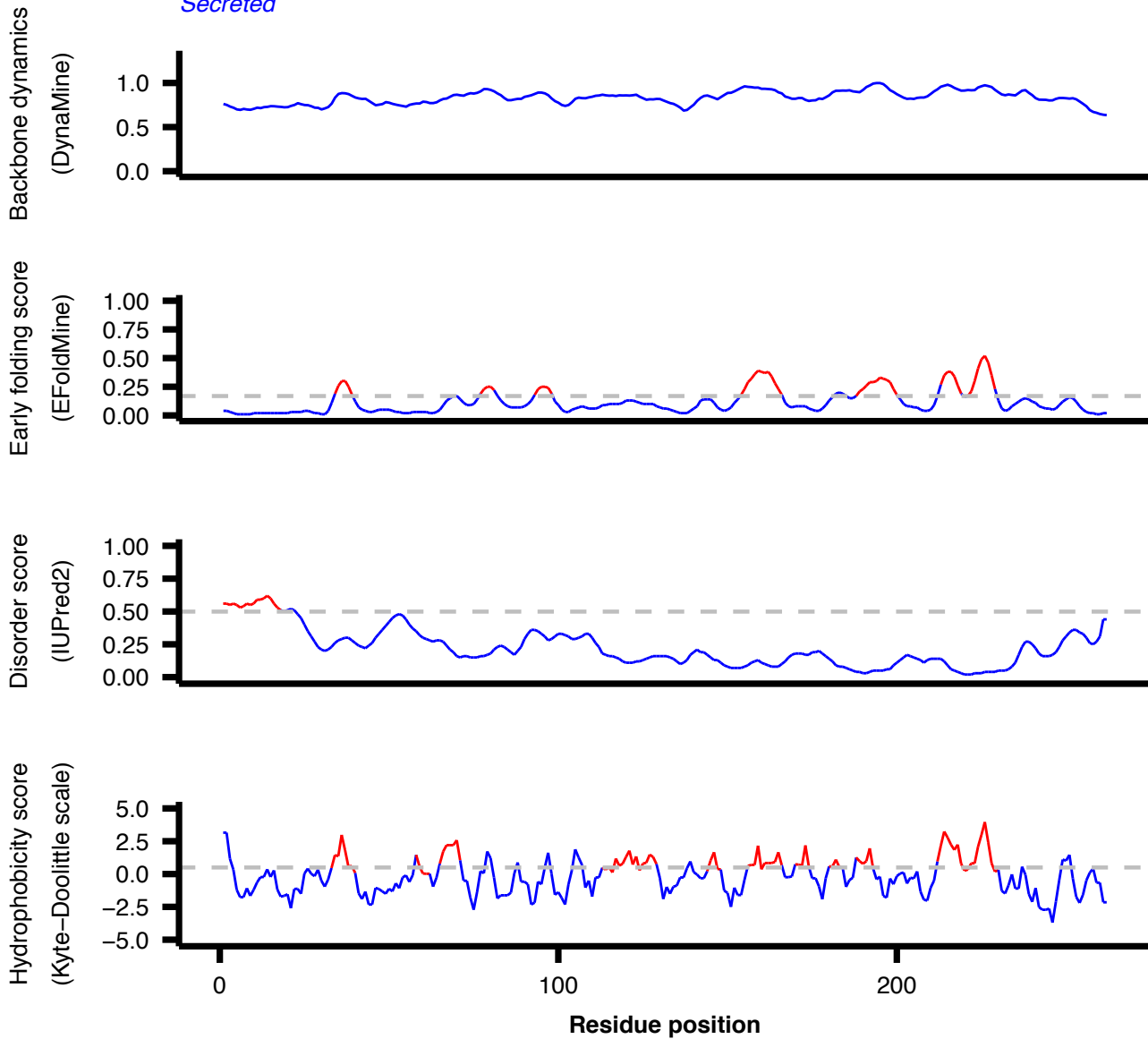
# P0AE98 (CSGF\_ECOLI)

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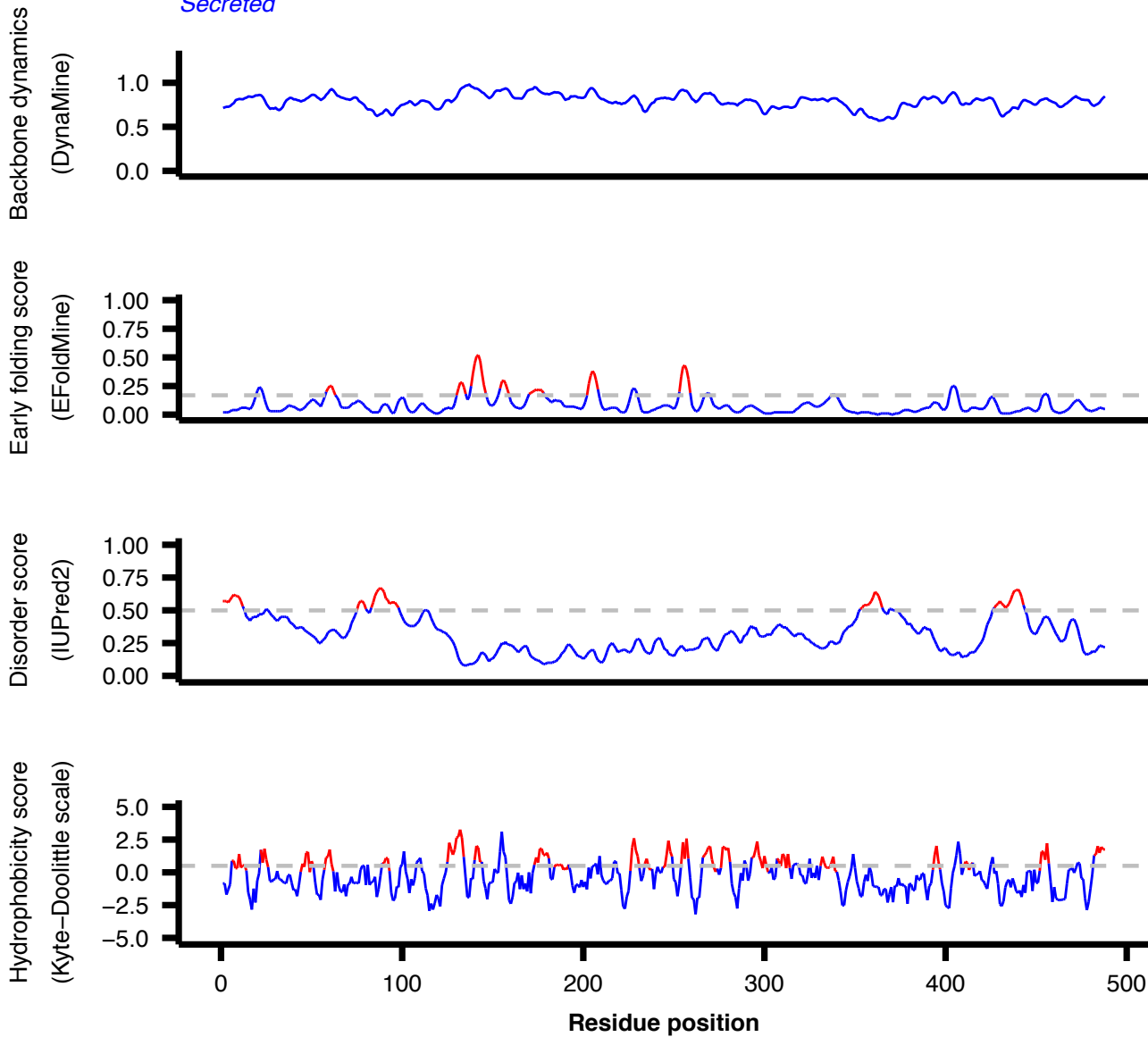
# P0AEA2 (CSGG\_ECOLI)

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# P36649 (CUEO\_ECOLI)

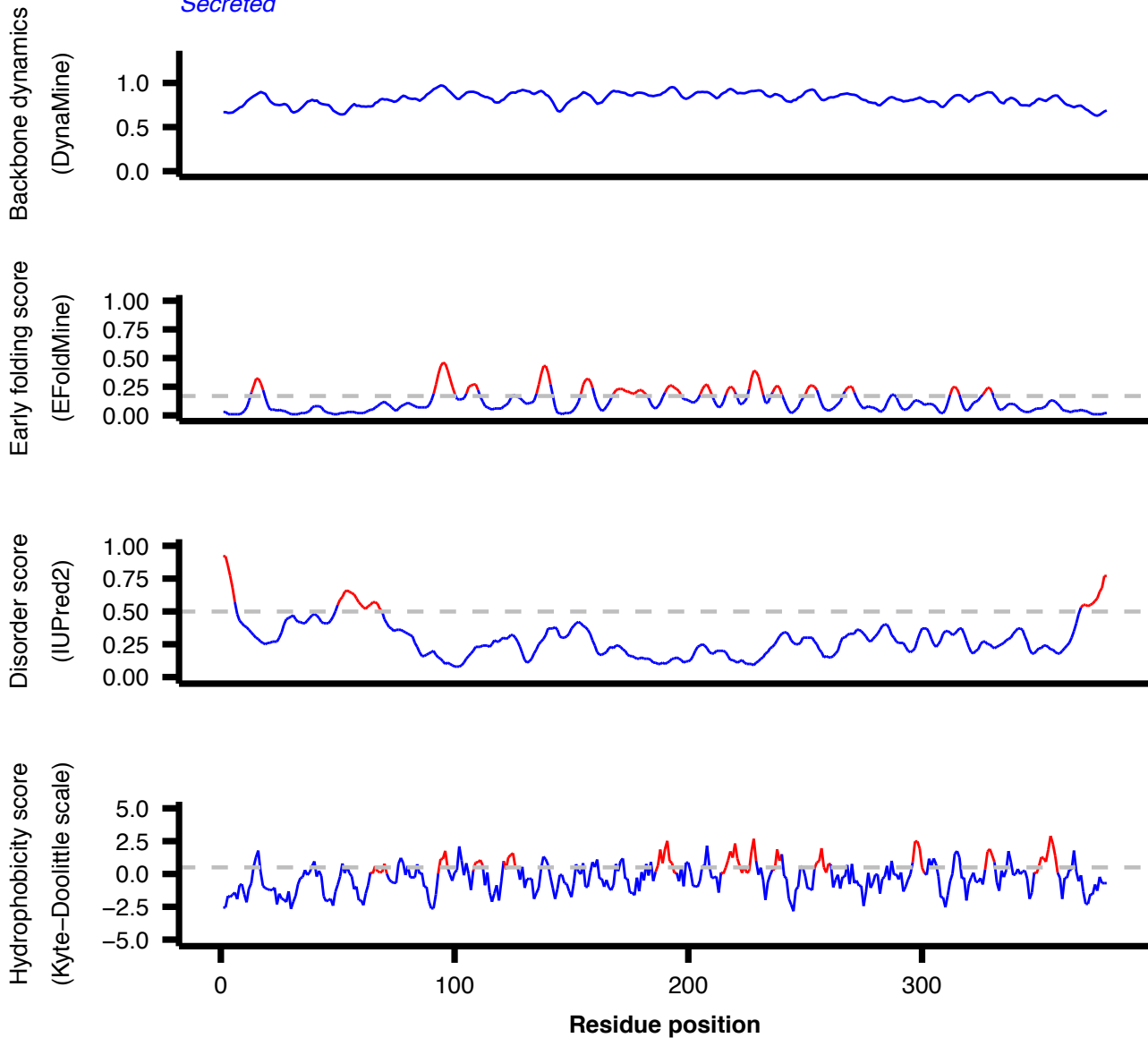
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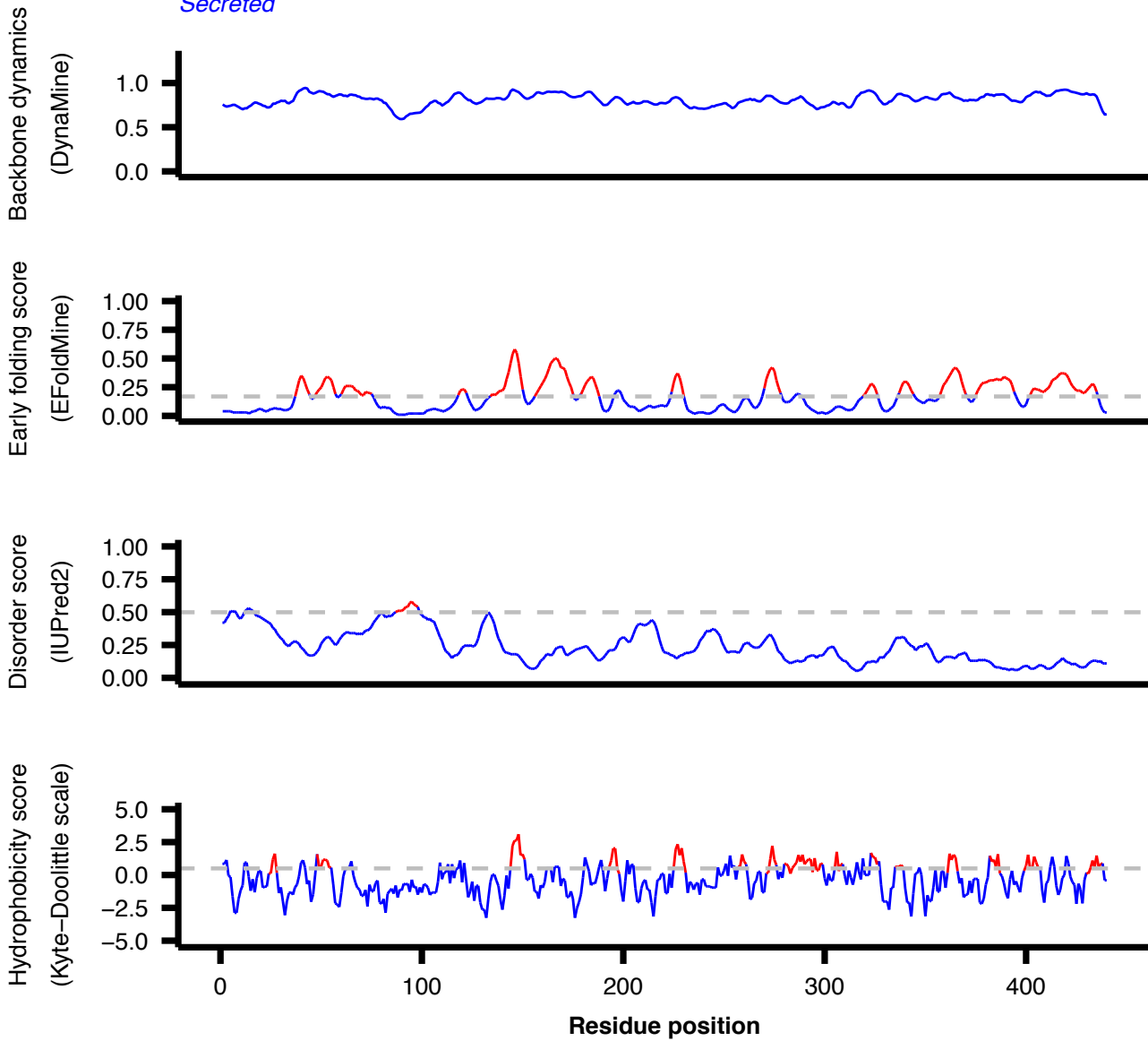
# P77239 (CUSB\_ECOLI)

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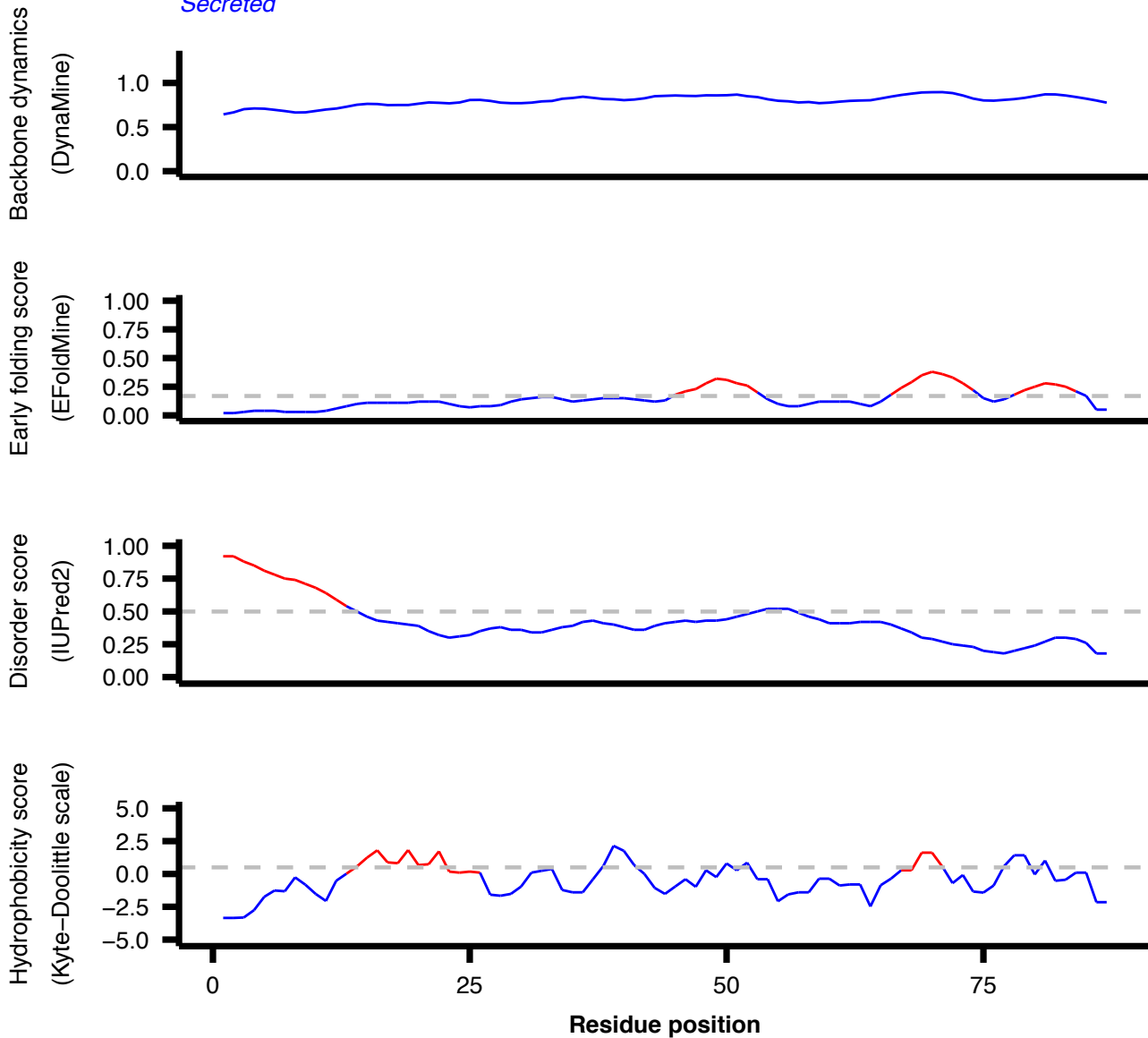
# P77211 (CUSC\_ECOLI)

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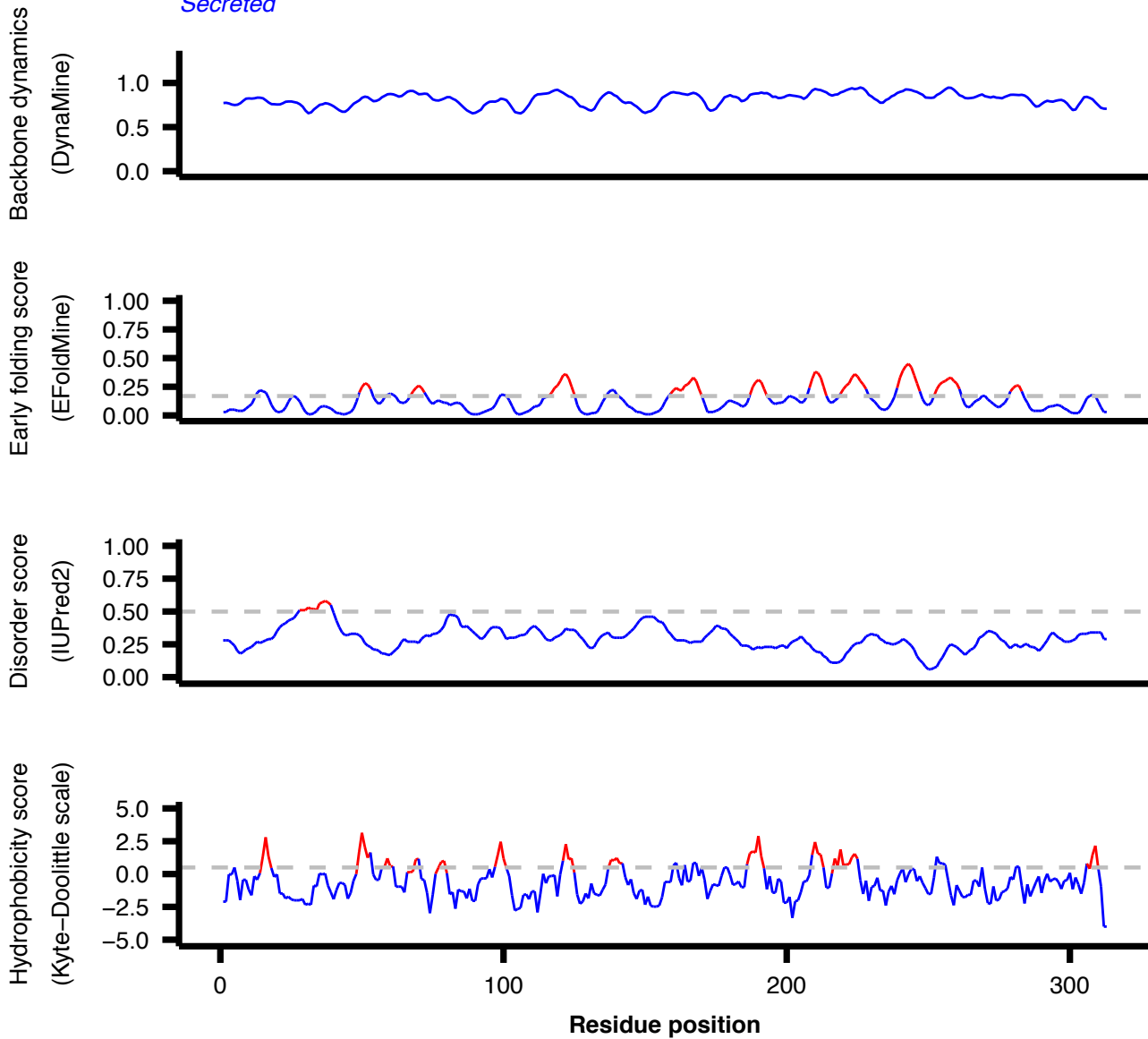
# P77214 (CUSF\_ECOLI)

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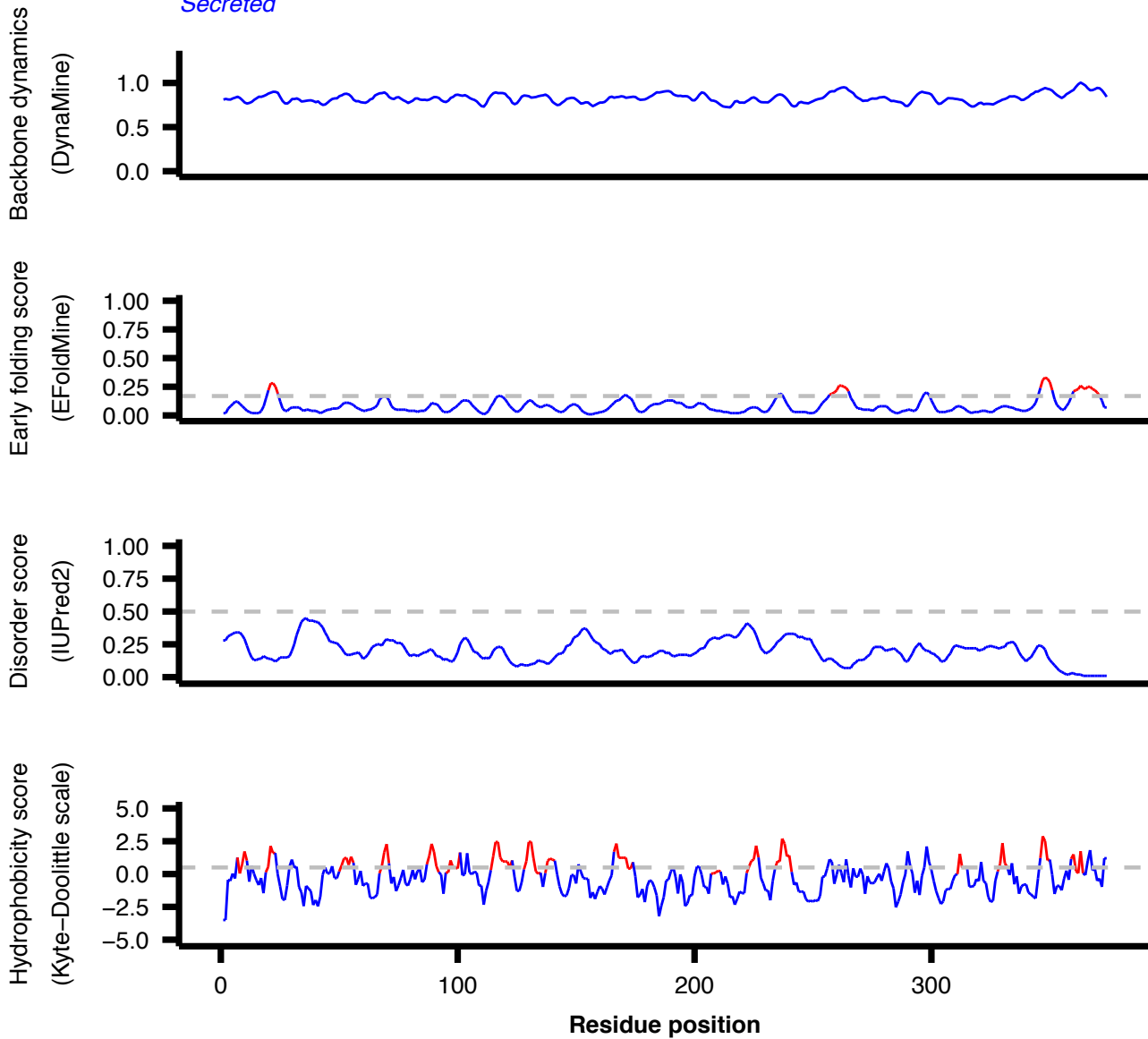
# P16700 (CYSP\_ECOLI)

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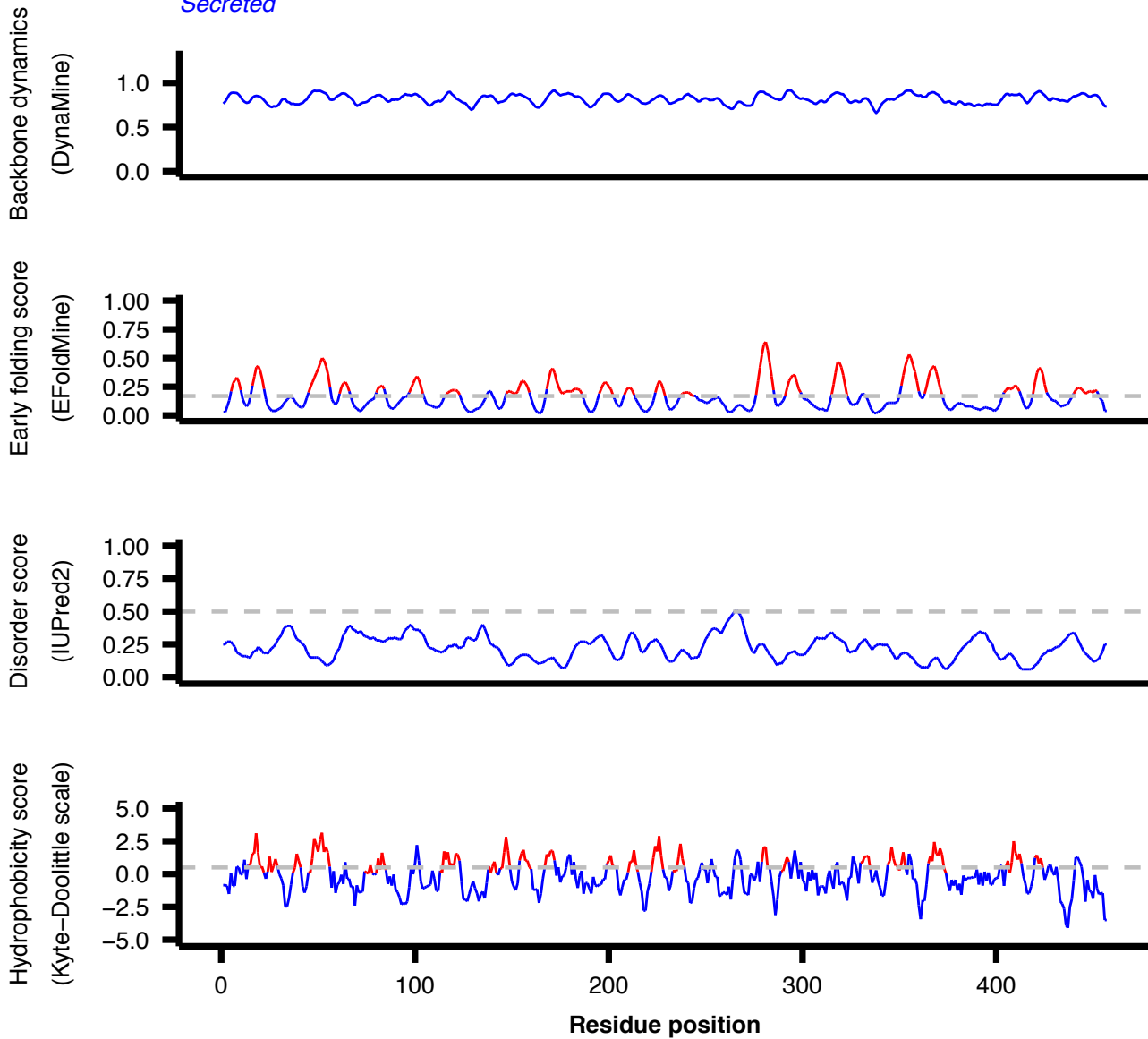
# P0AEB2 (DACA\_ECOLI)

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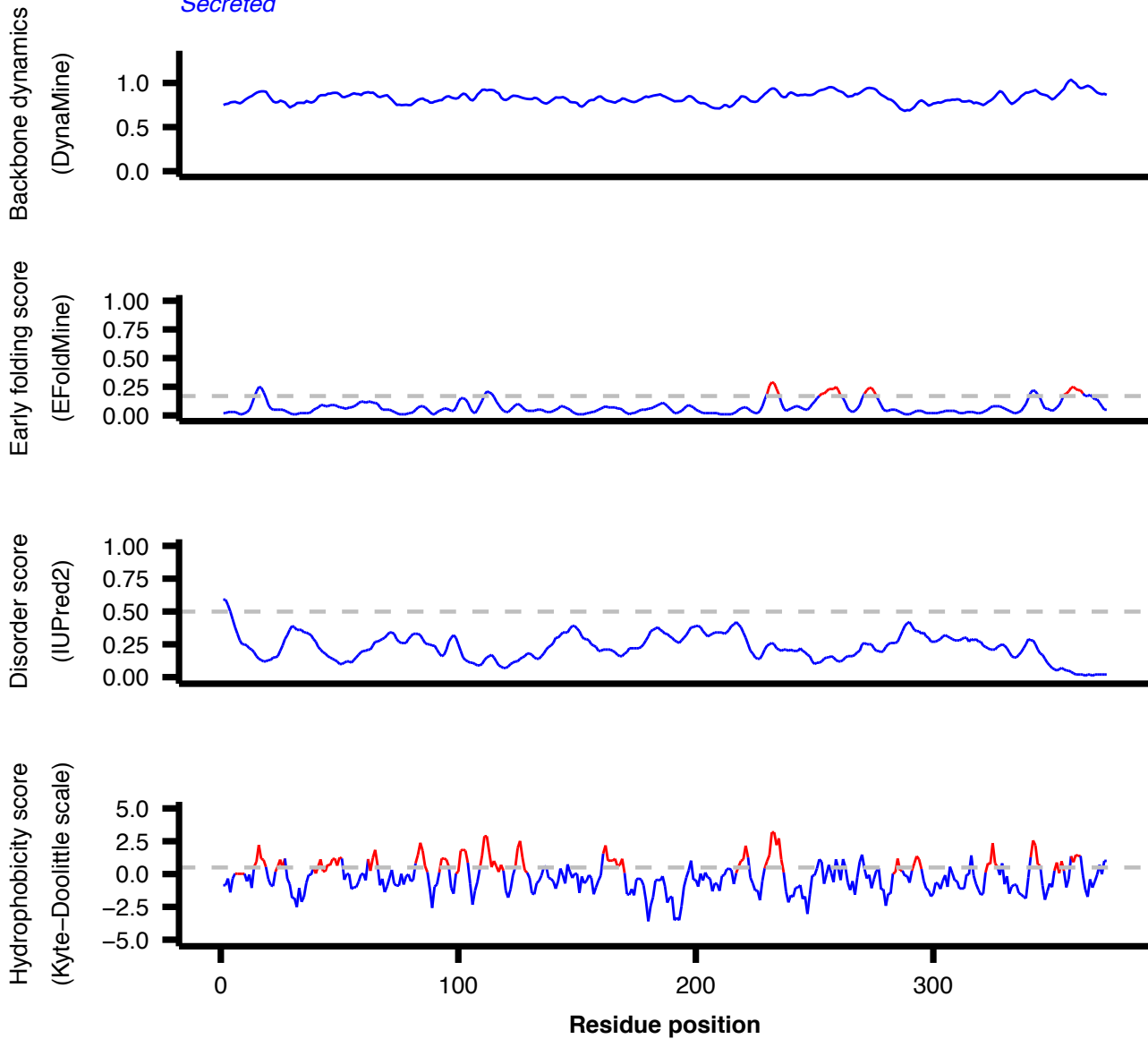
# P24228 (DACB\_ECOLI)

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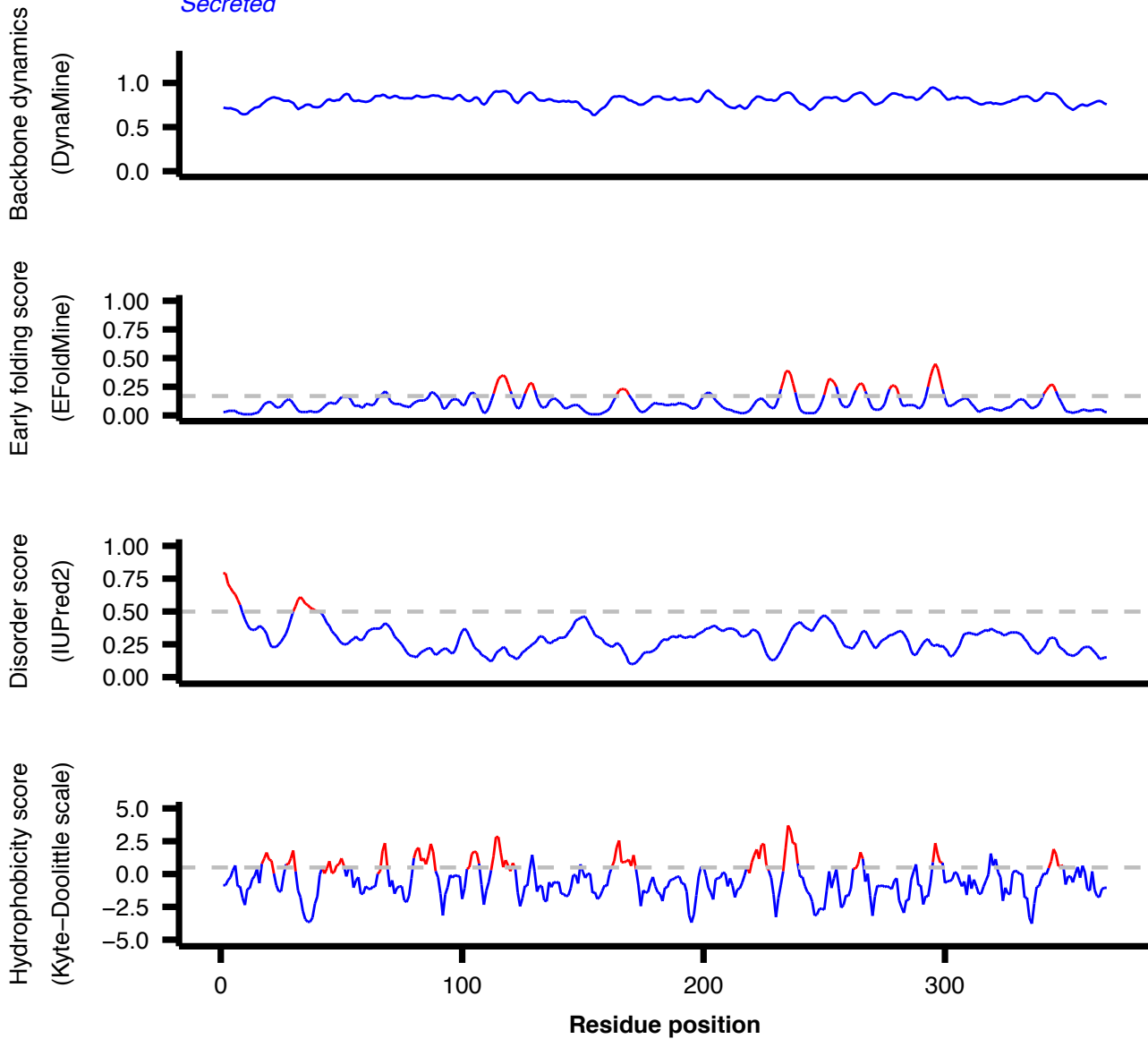
# P08506 (DACC\_ECOLI)

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# P33013 (DACD\_ECOLI)

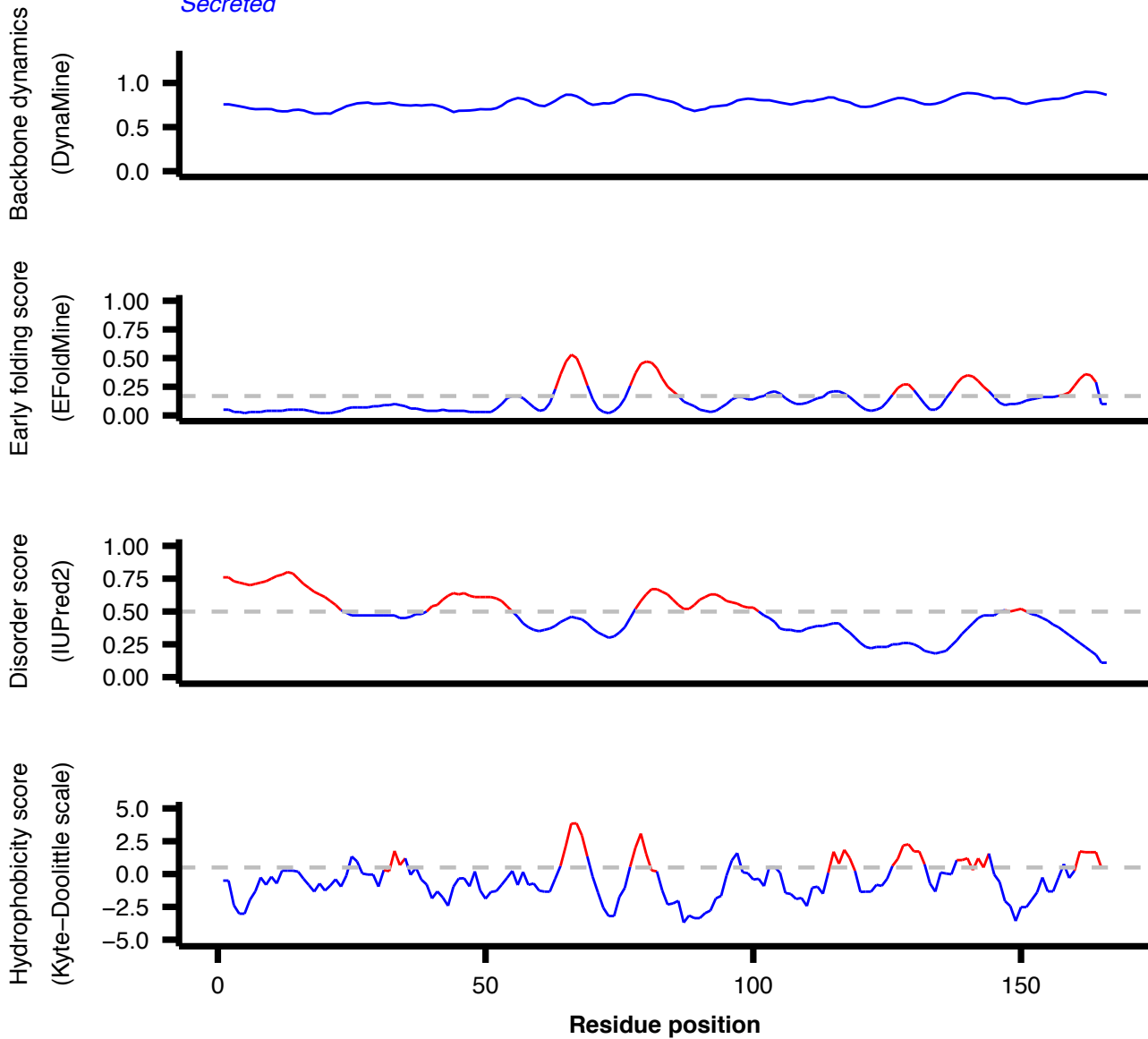
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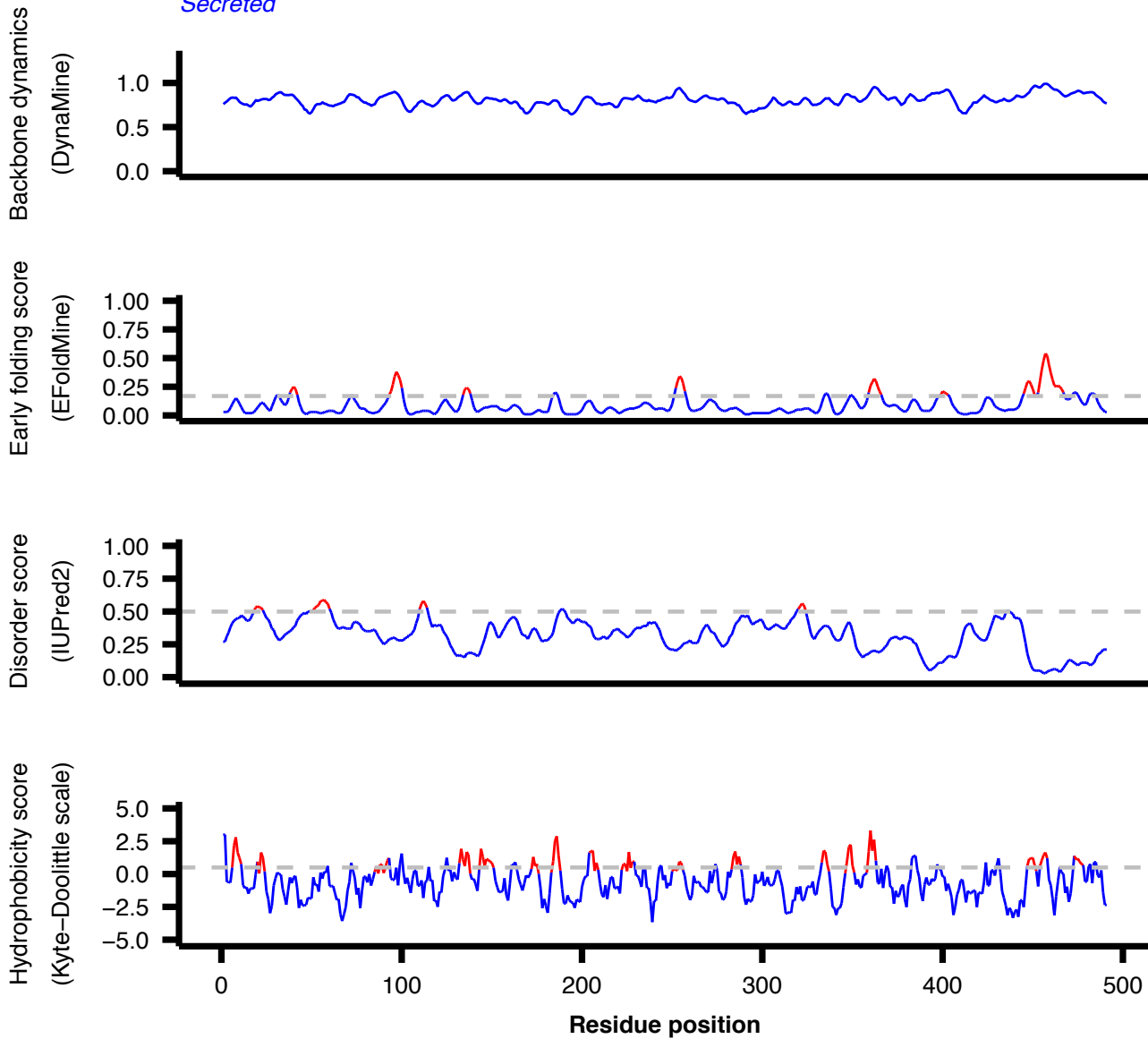
# P0AEE1 (DCRB\_ECOLI)

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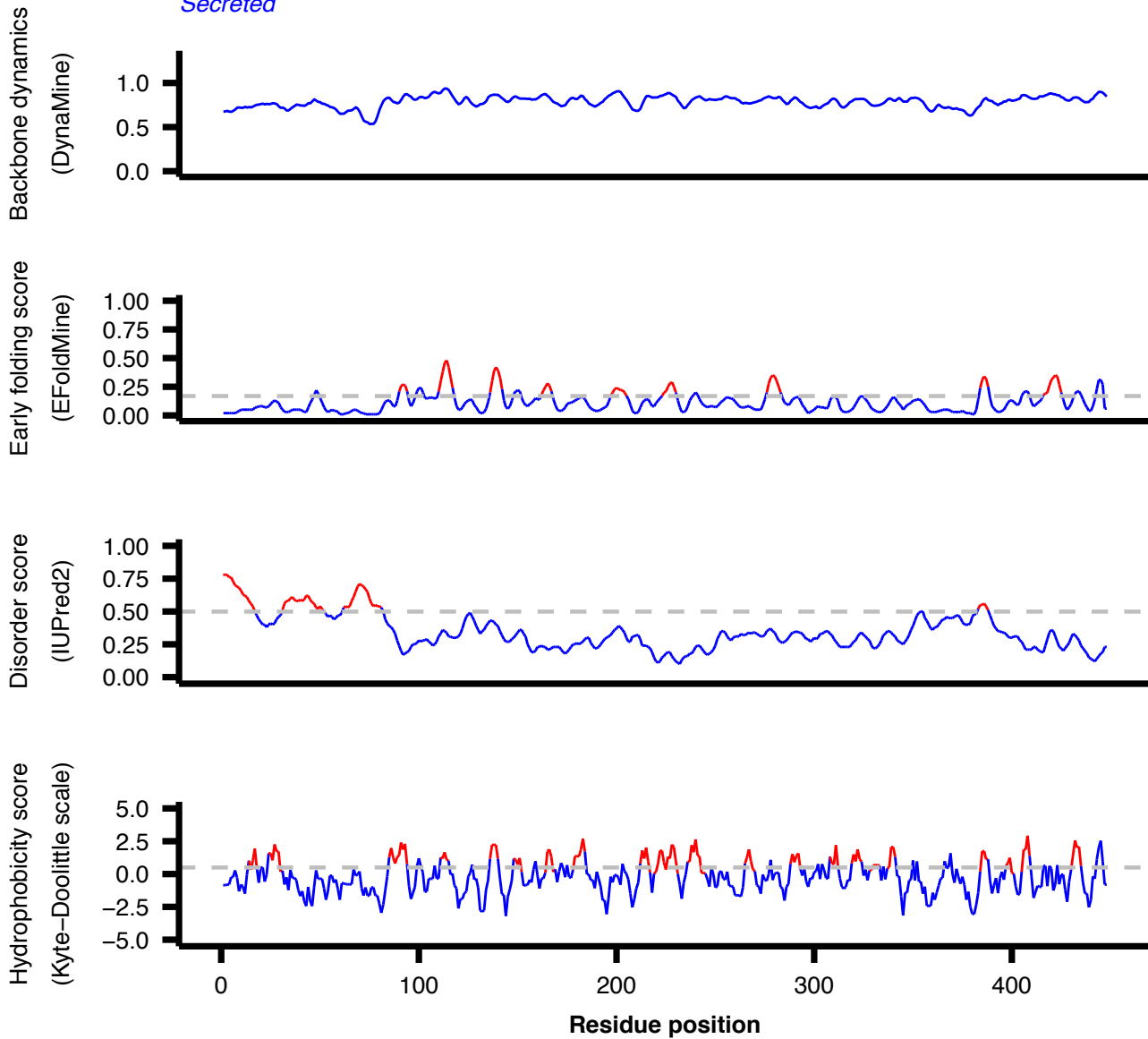
# P76128 (DDPA\_ECOLI)

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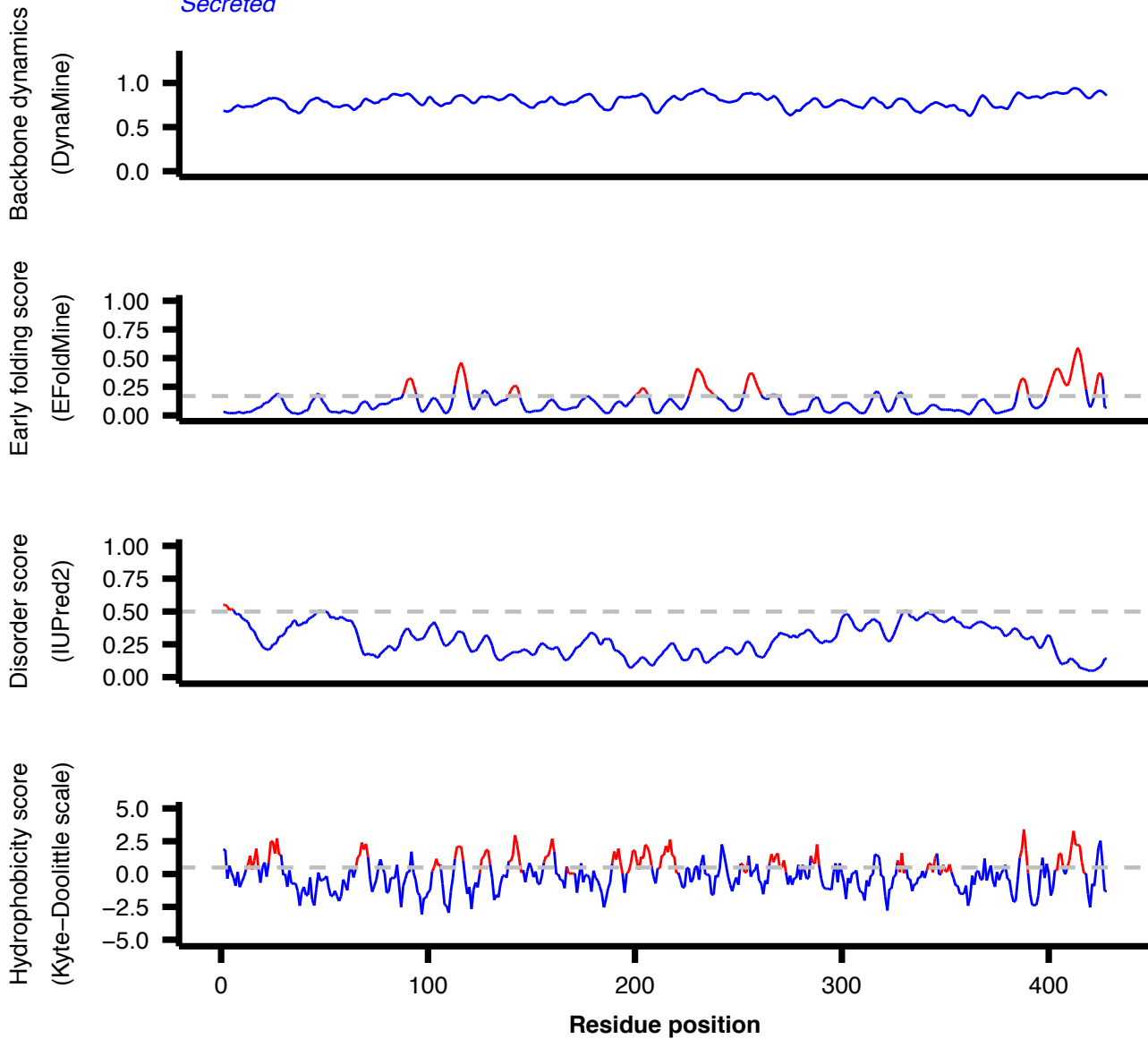
# POC0V0 (DEGP\_ECOLI)

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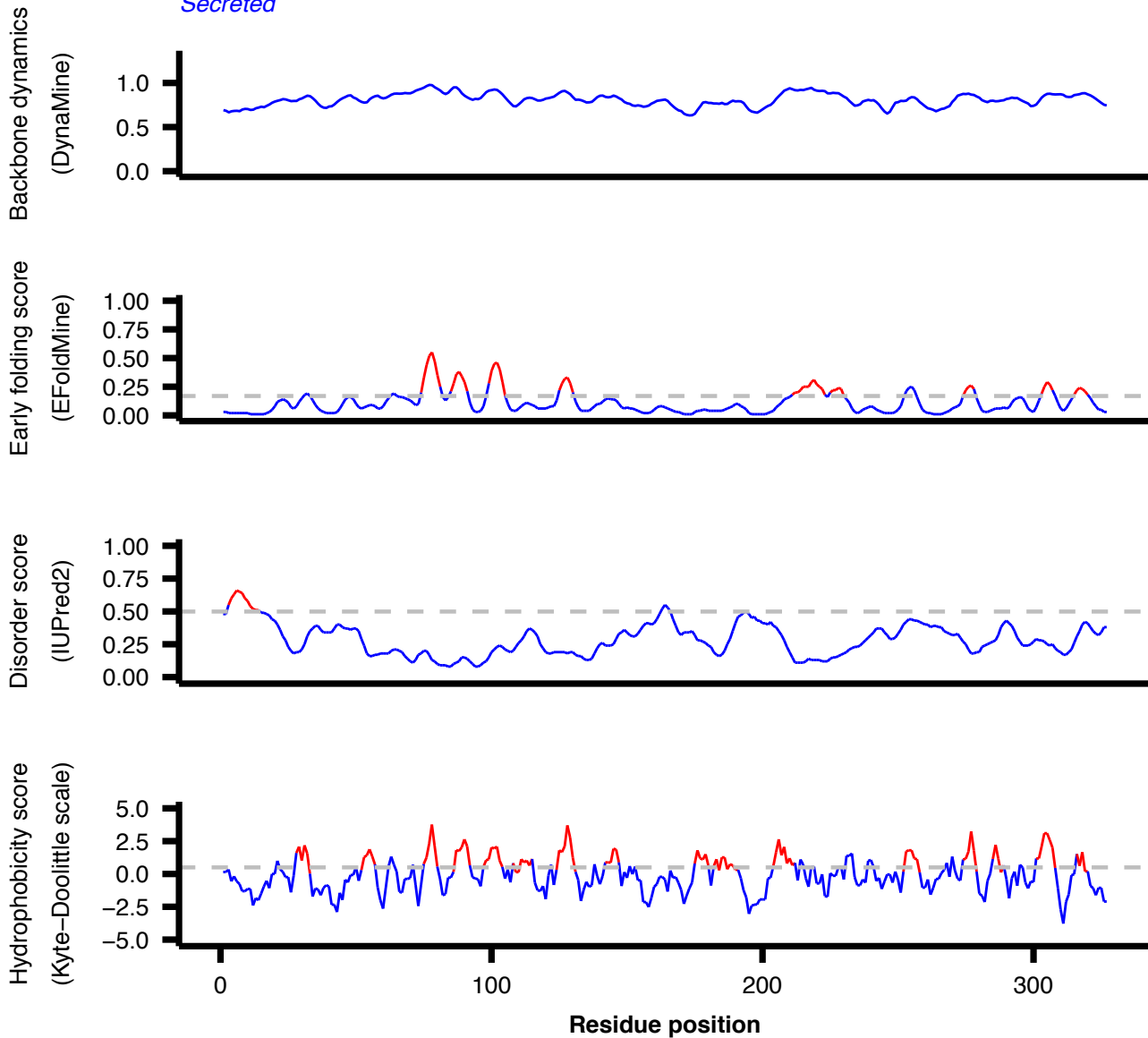
# P39099 (DEGQ\_ECOLI)

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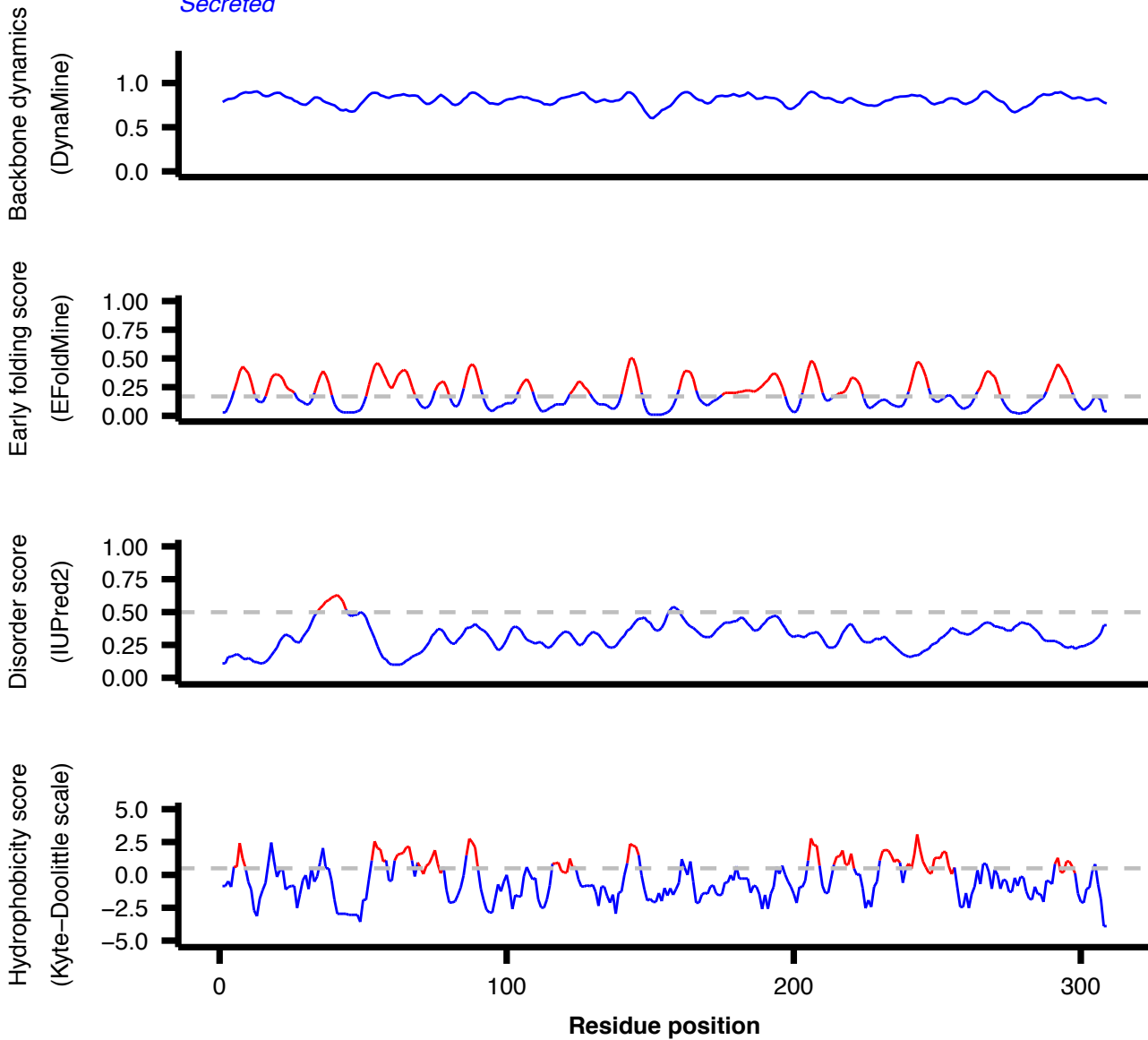
# P0AEE3 (DEGS\_ECOLI)

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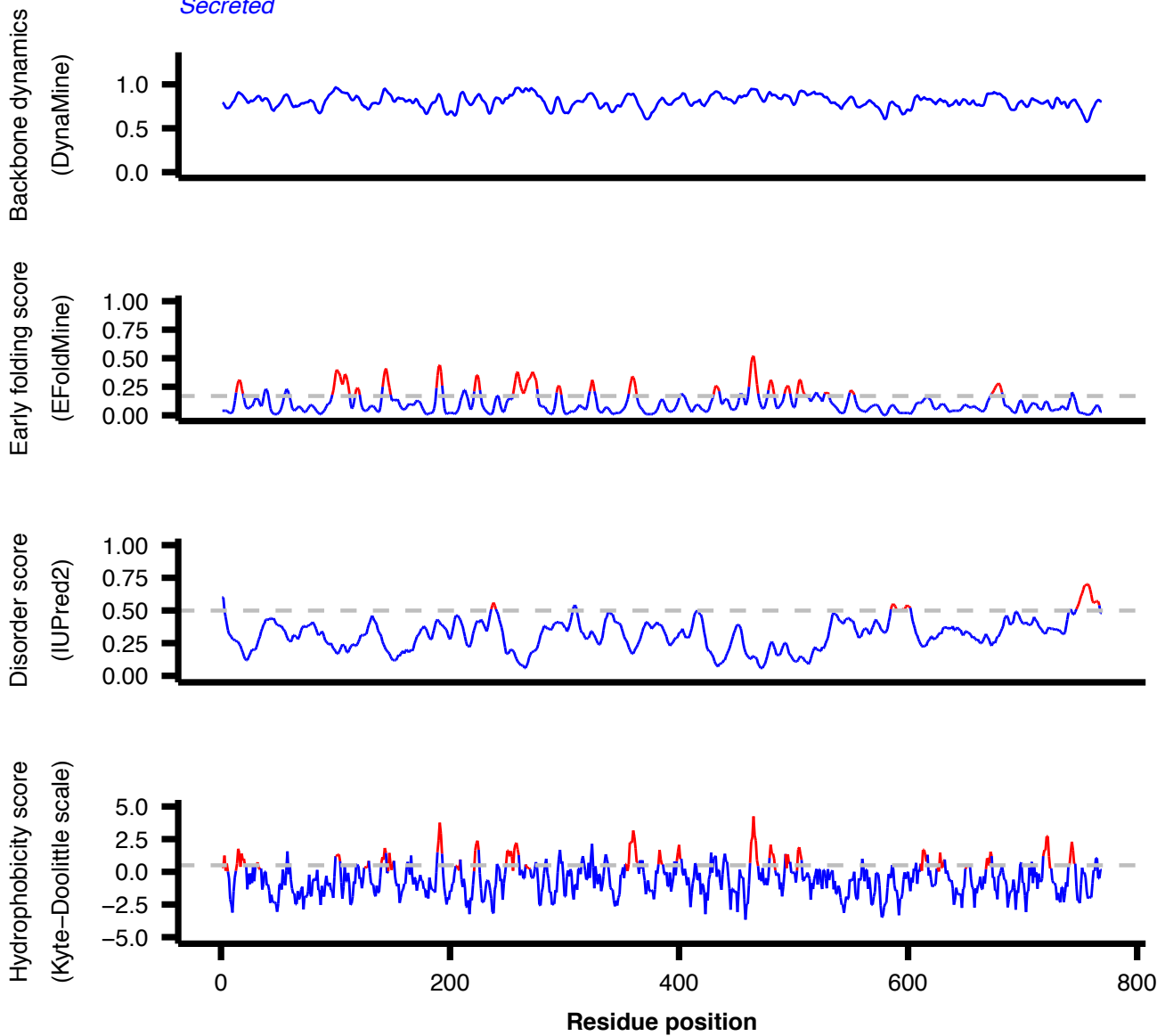
# P0AEE5 (DGAL\_ECOLI)

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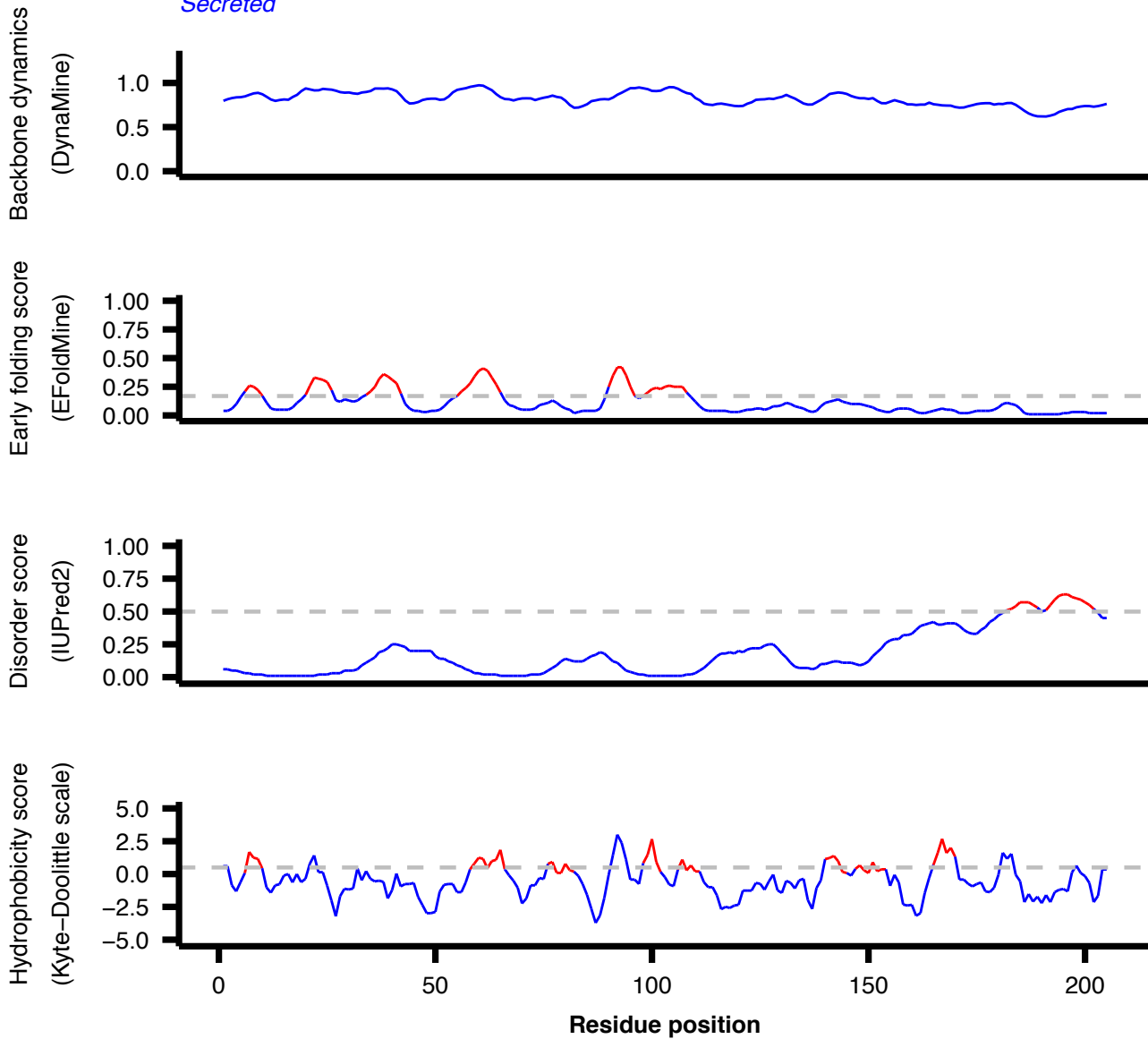
# P18775 (DMSA\_ECOLI)

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# P18776 (DMSB\_ECOLI)

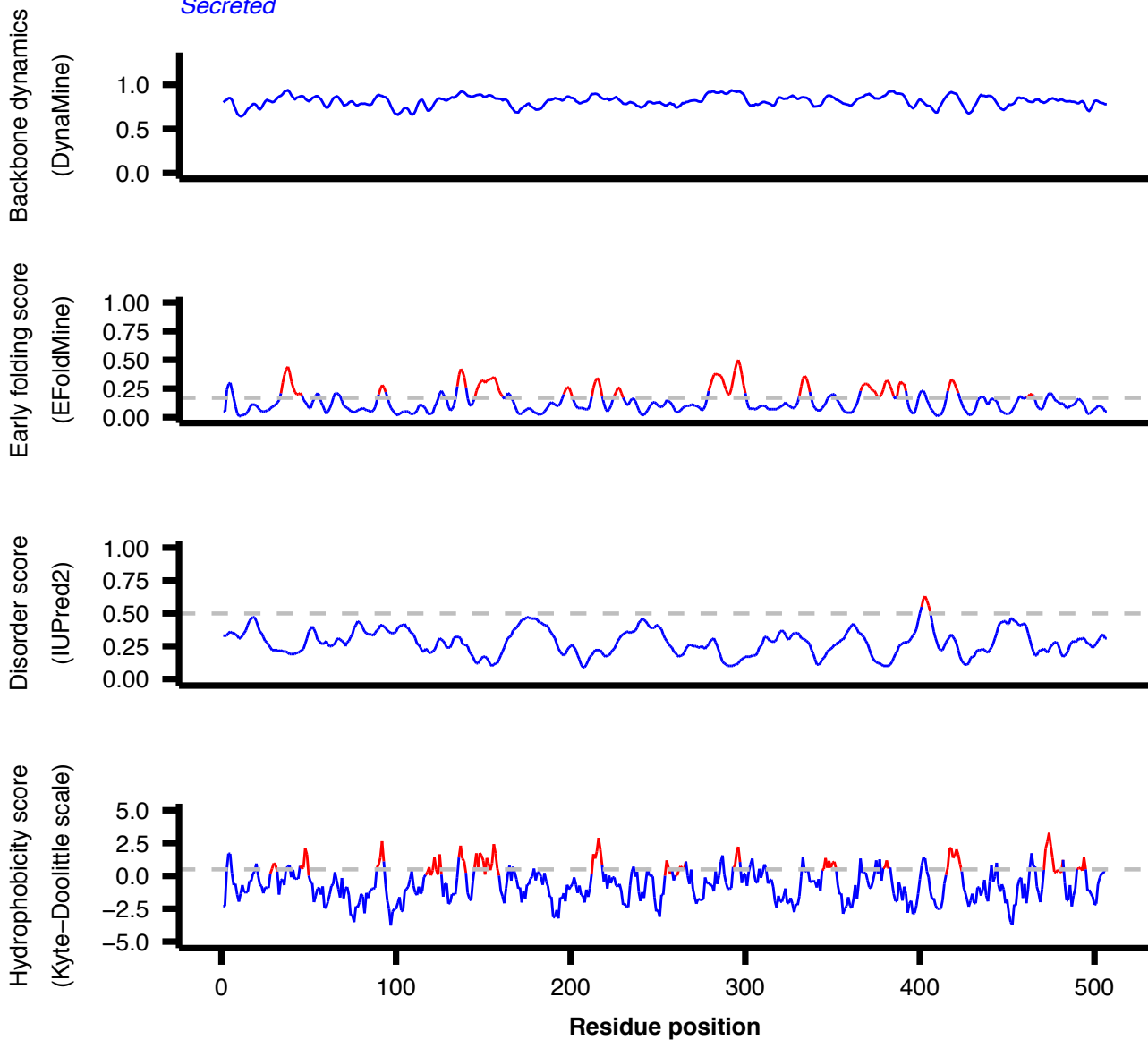
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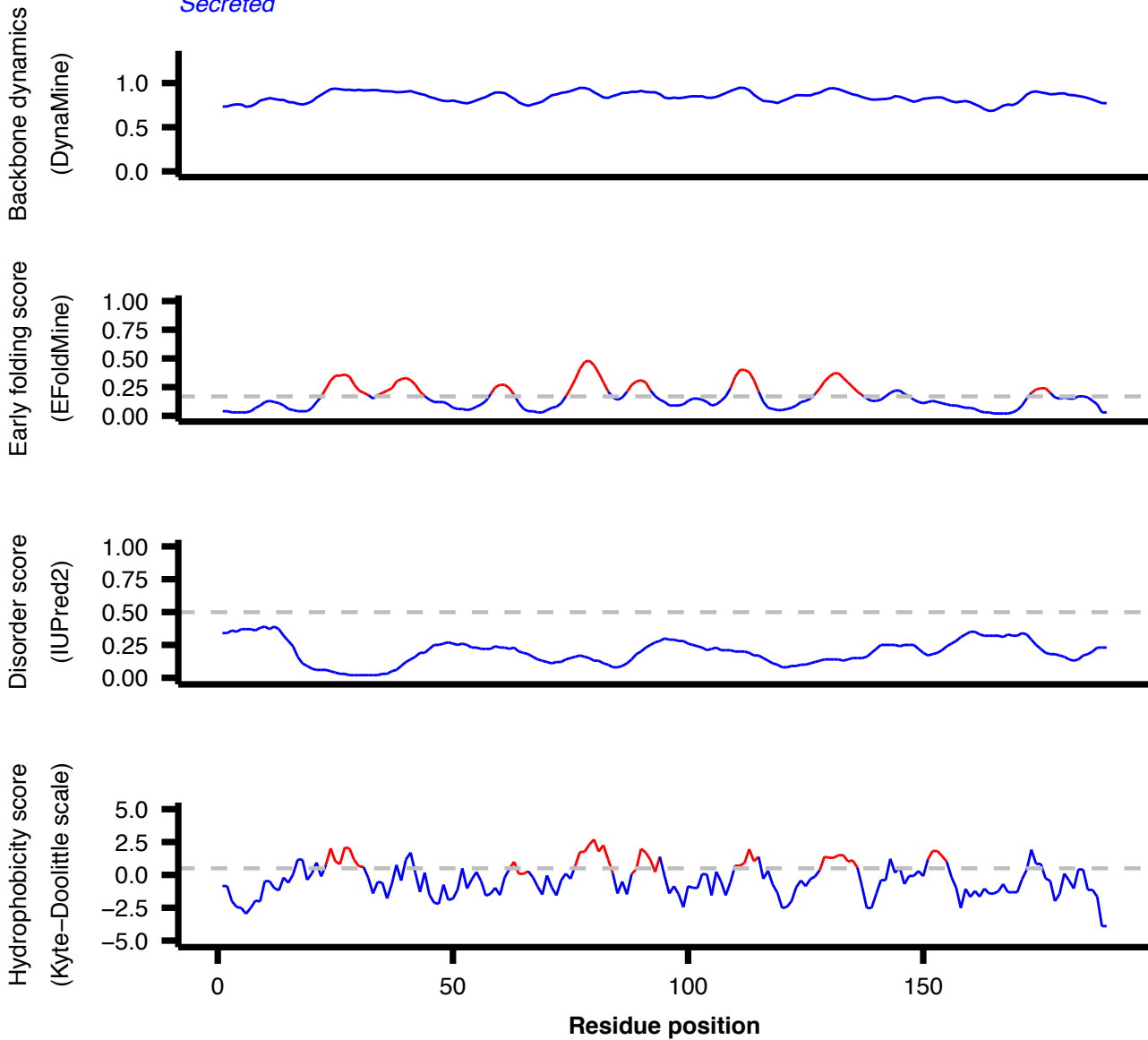
# P23847 (DPPA\_ECOLI)

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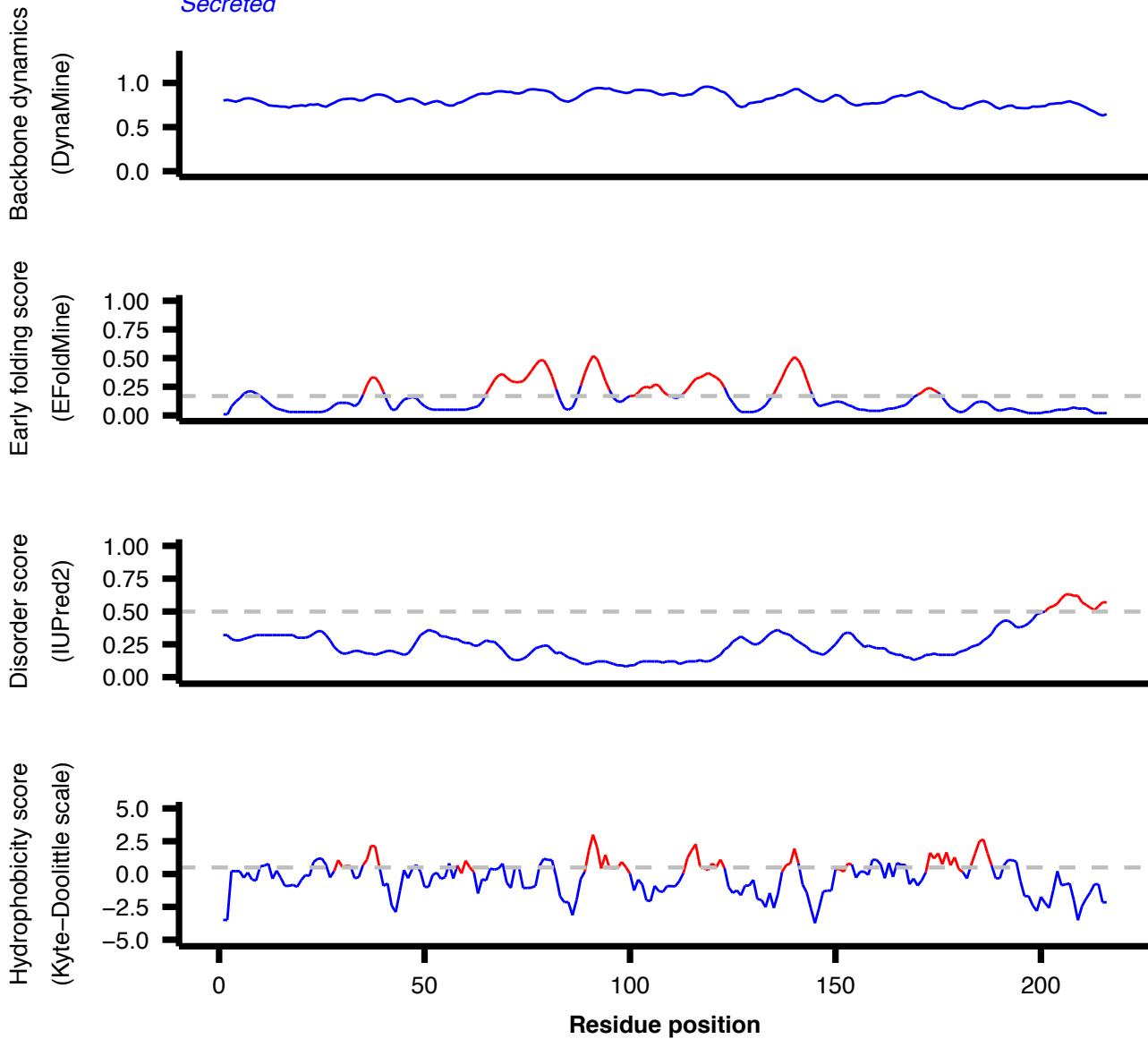
# P0AEG4 (DSBA\_ECOLI)

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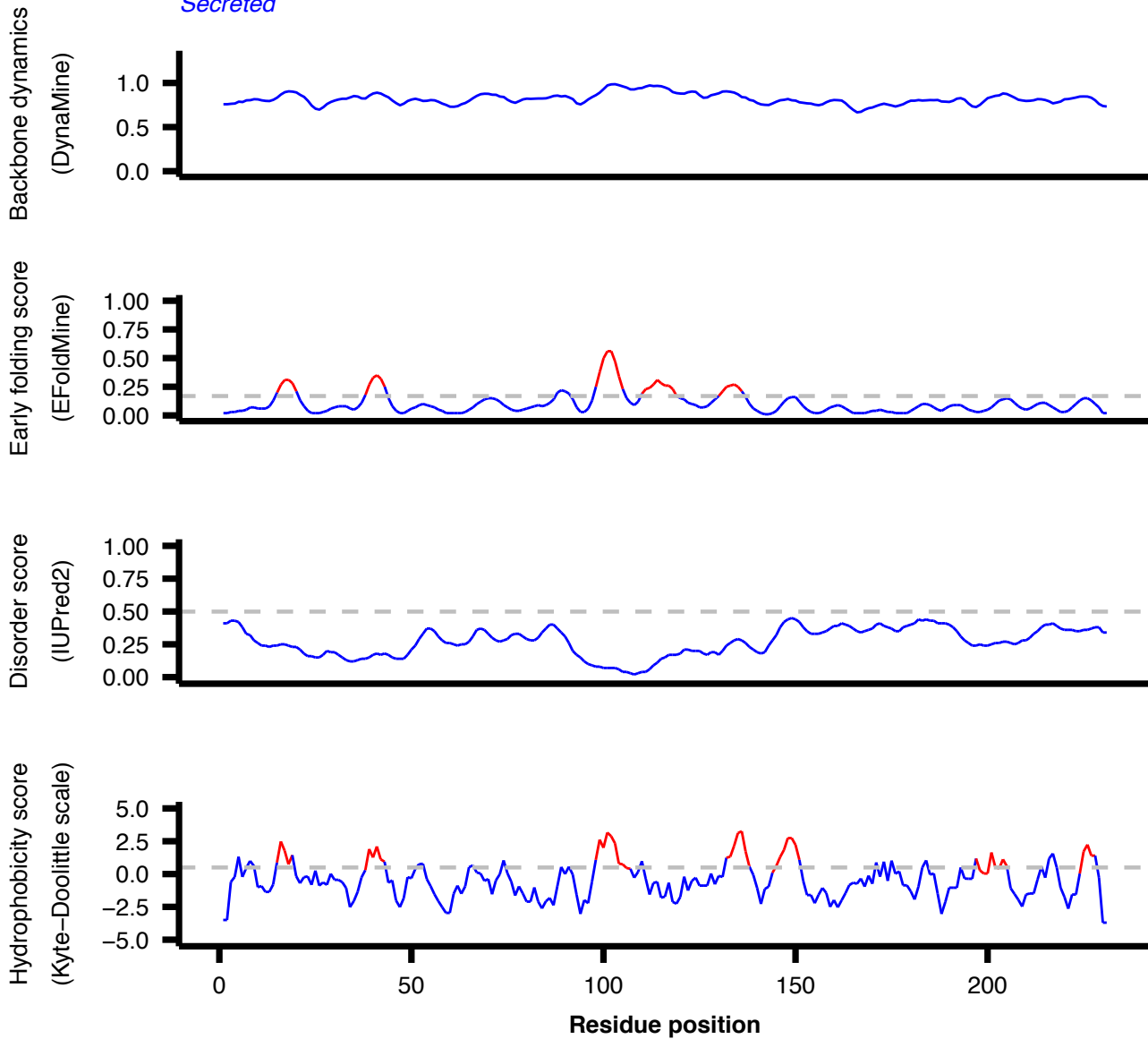
# P0AEG6 (DSBC\_ECOLI)

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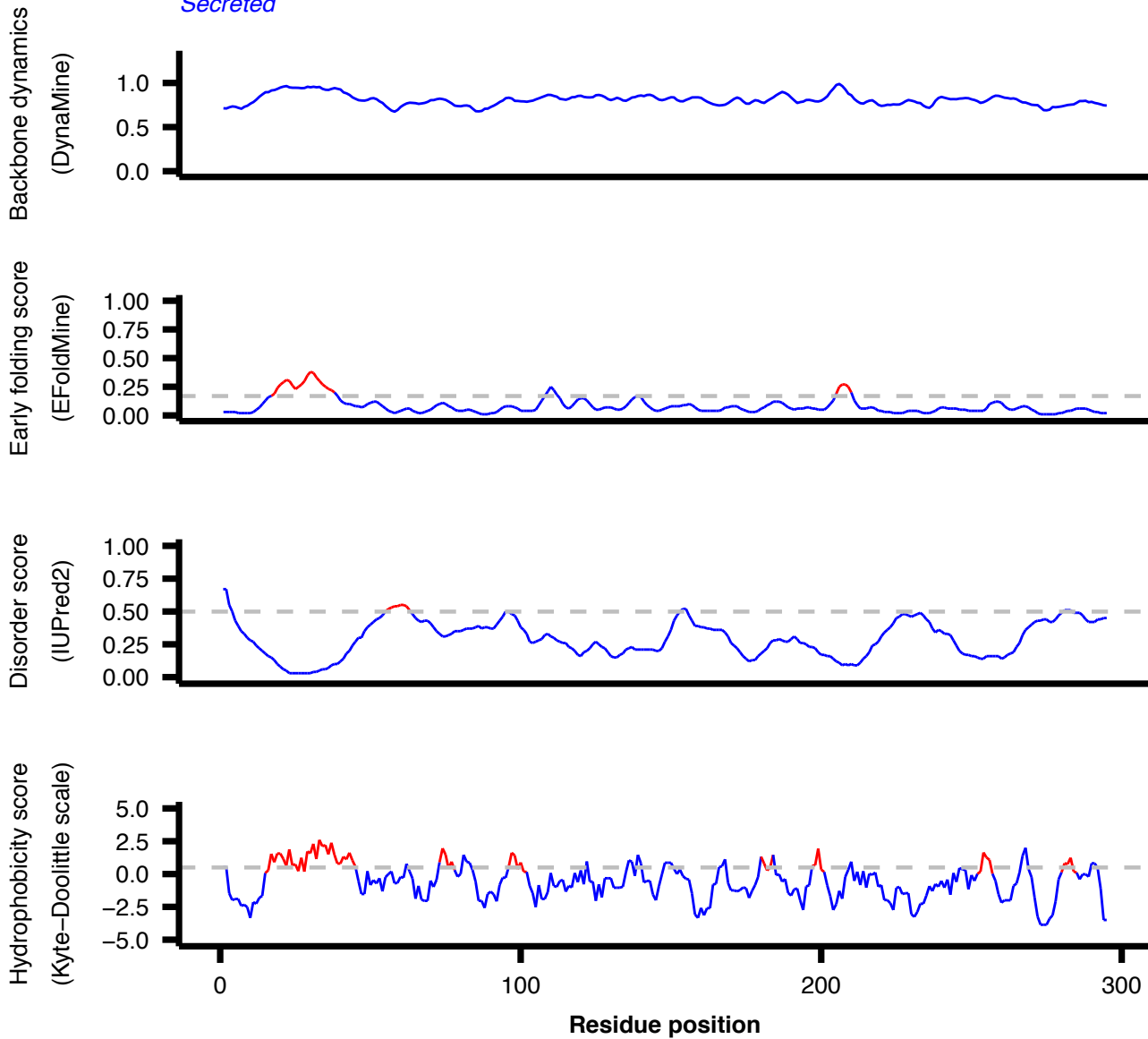
# P77202 (DSBG\_ECOLI)

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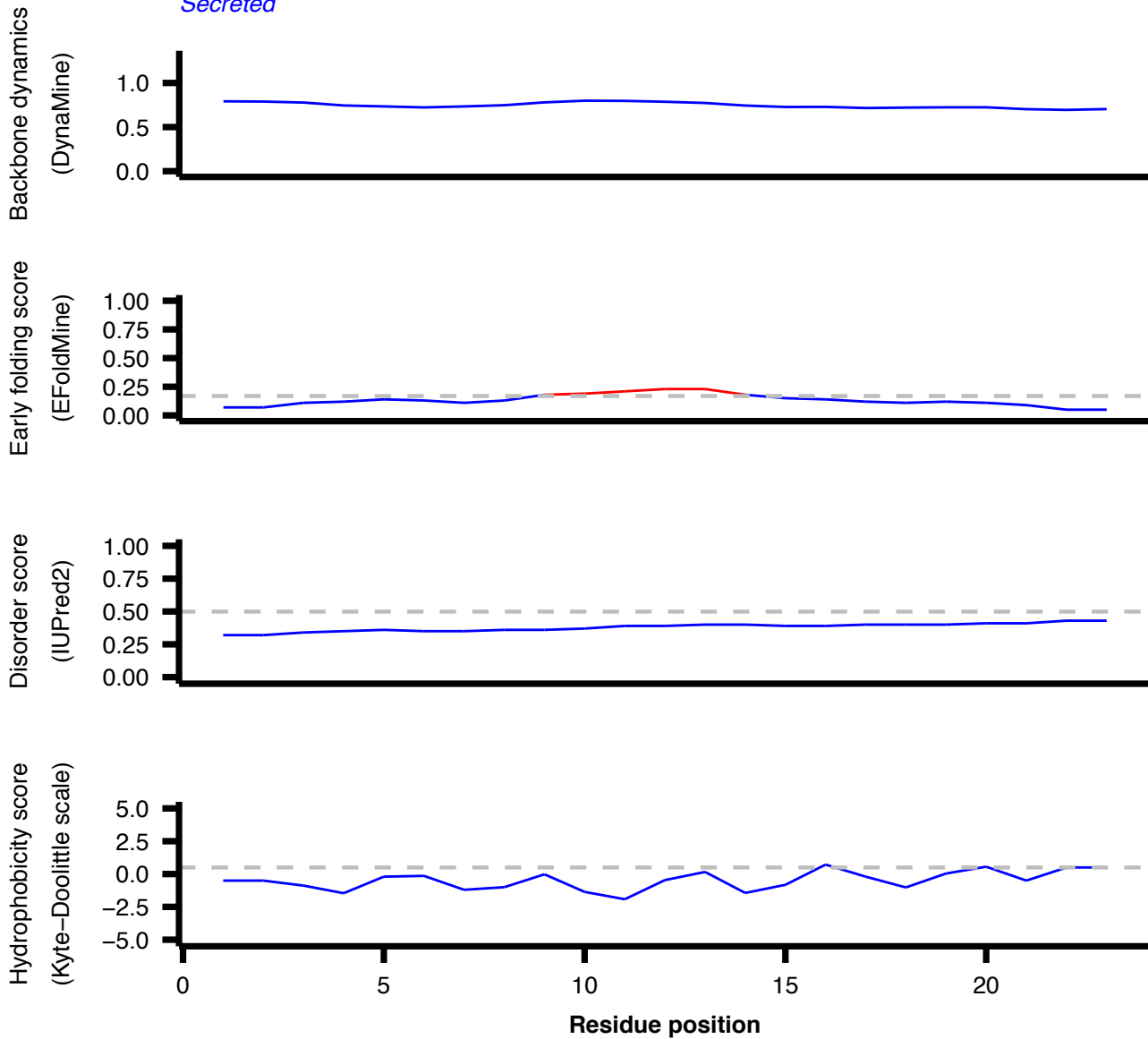
# P36943 (EAEH\_ECOLI)

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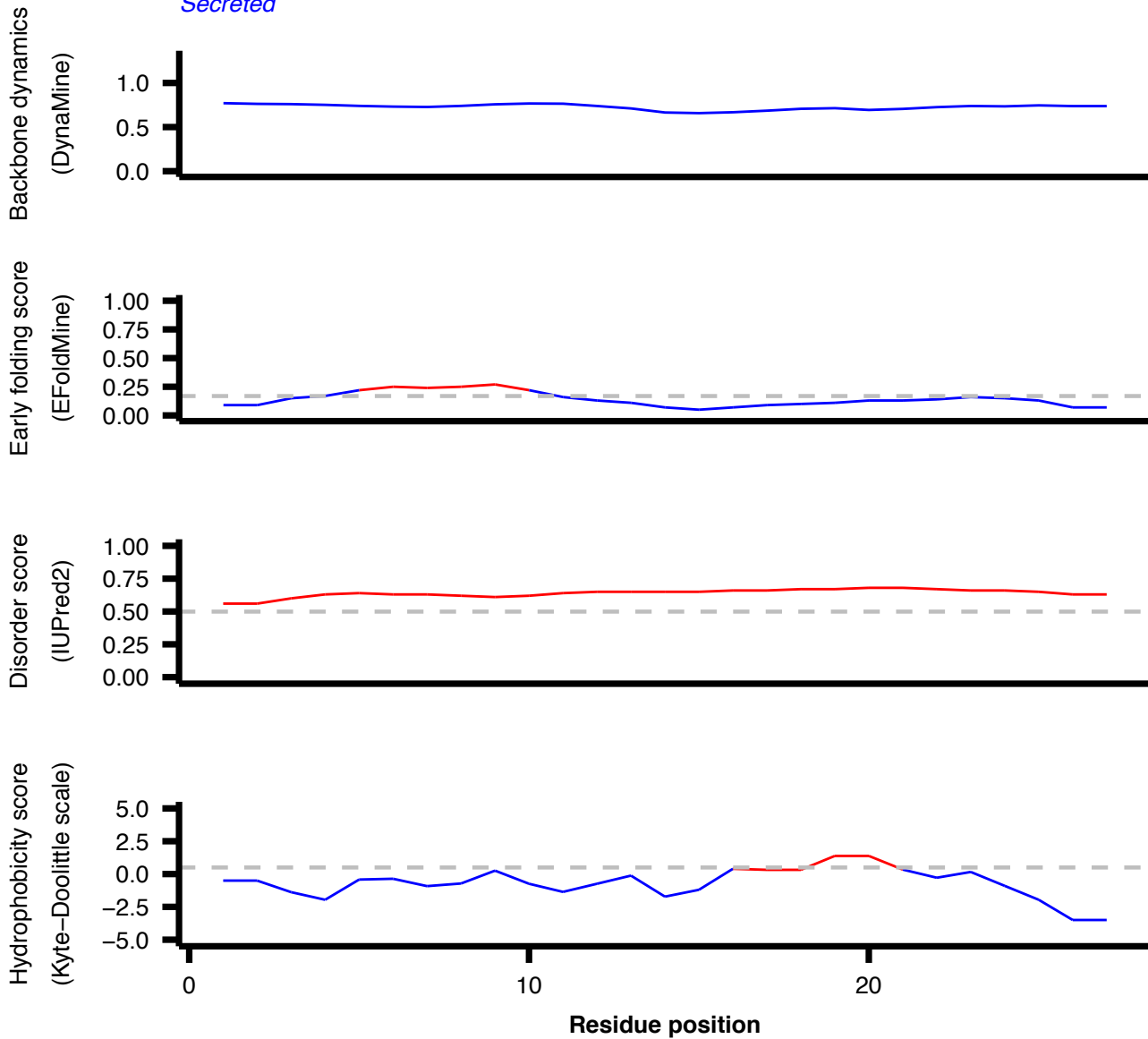
# P0ADB4 (ECNA\_ECOLI)

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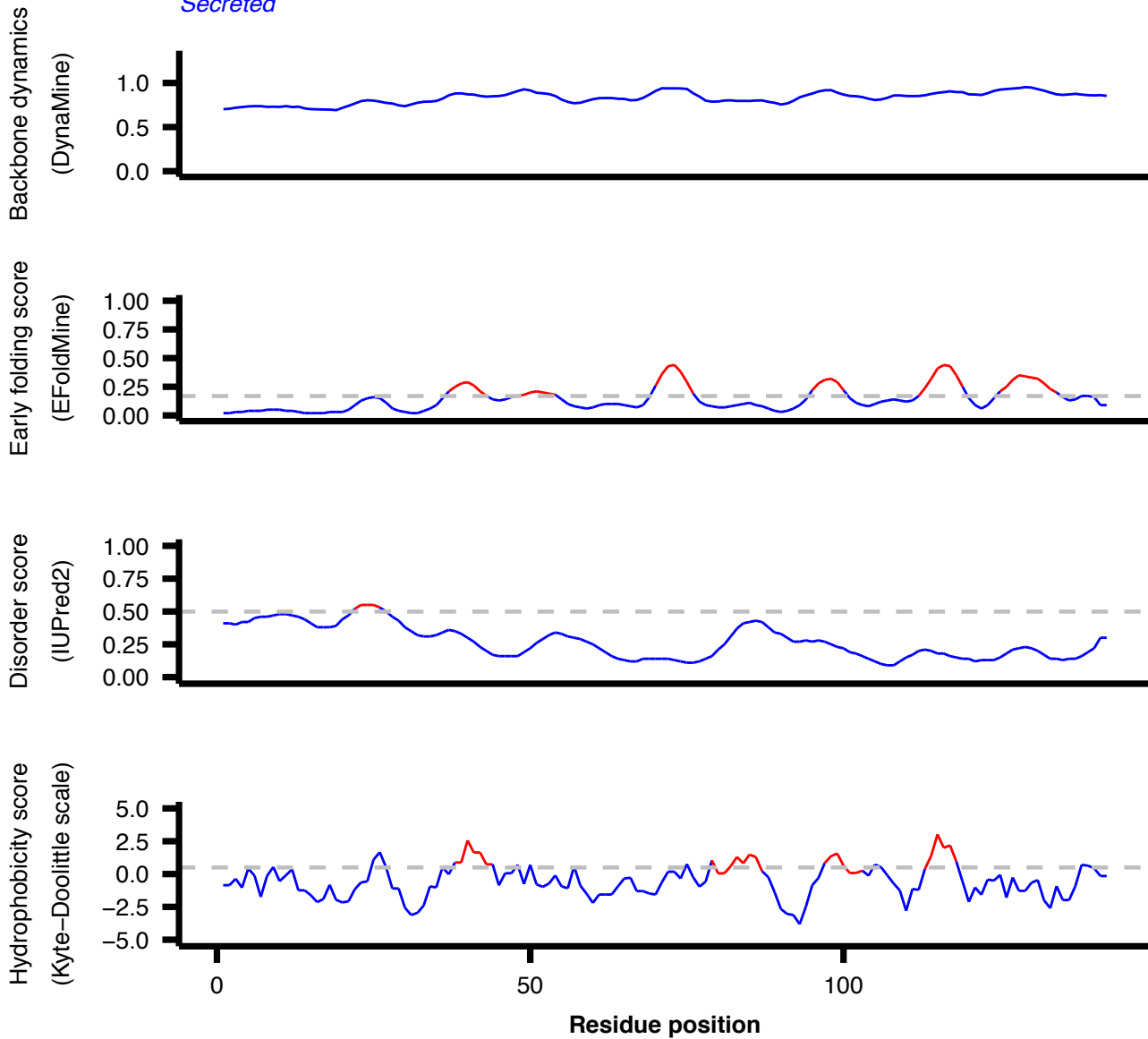
# P0ADB7 (ECNB\_ECOLI)

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# P23827 (ECOT\_ECOLI)

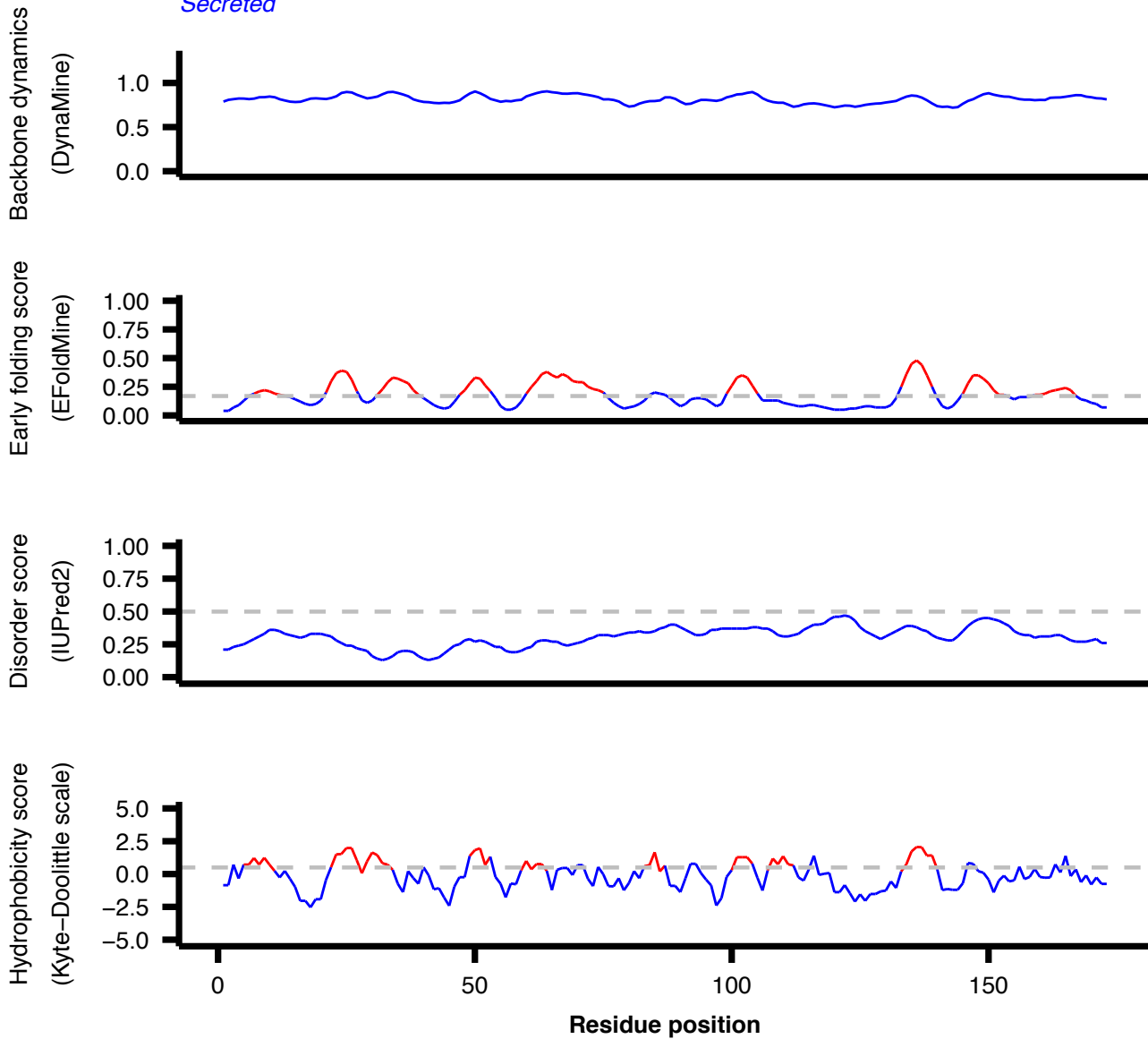
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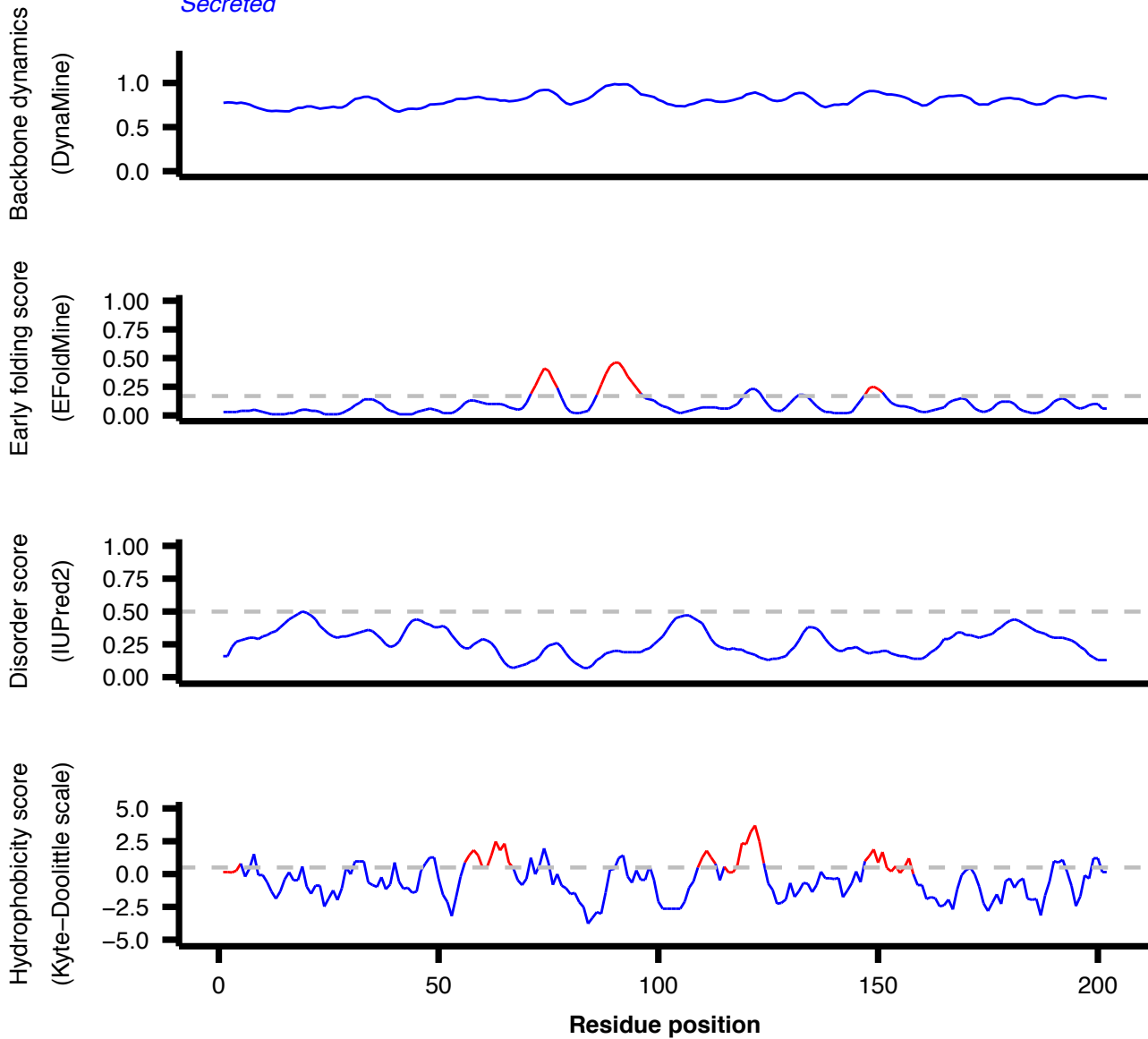
# P0AAA3 (ECPA\_ECOLI)

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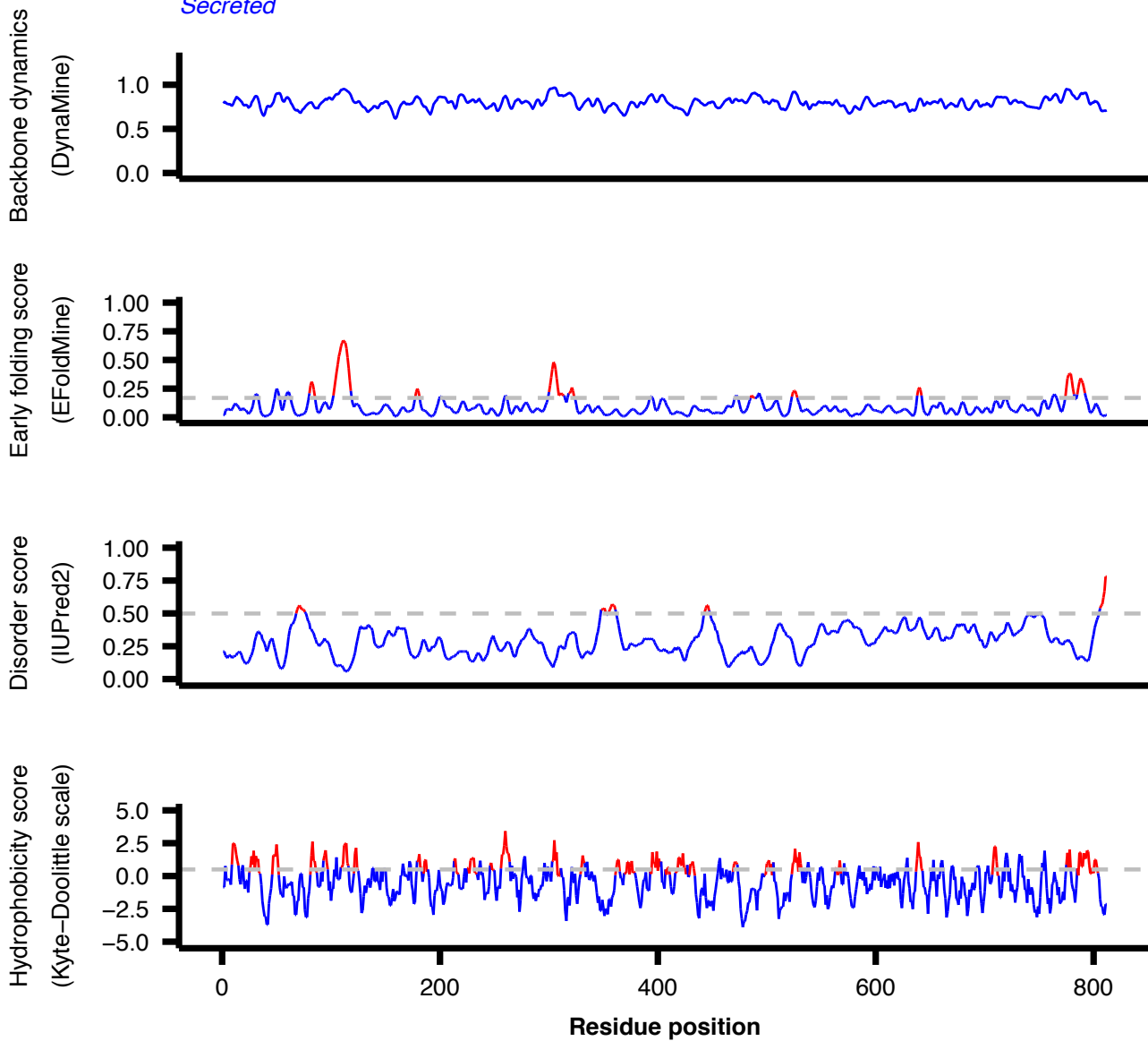
# P77188 (ECPB\_ECOLI)

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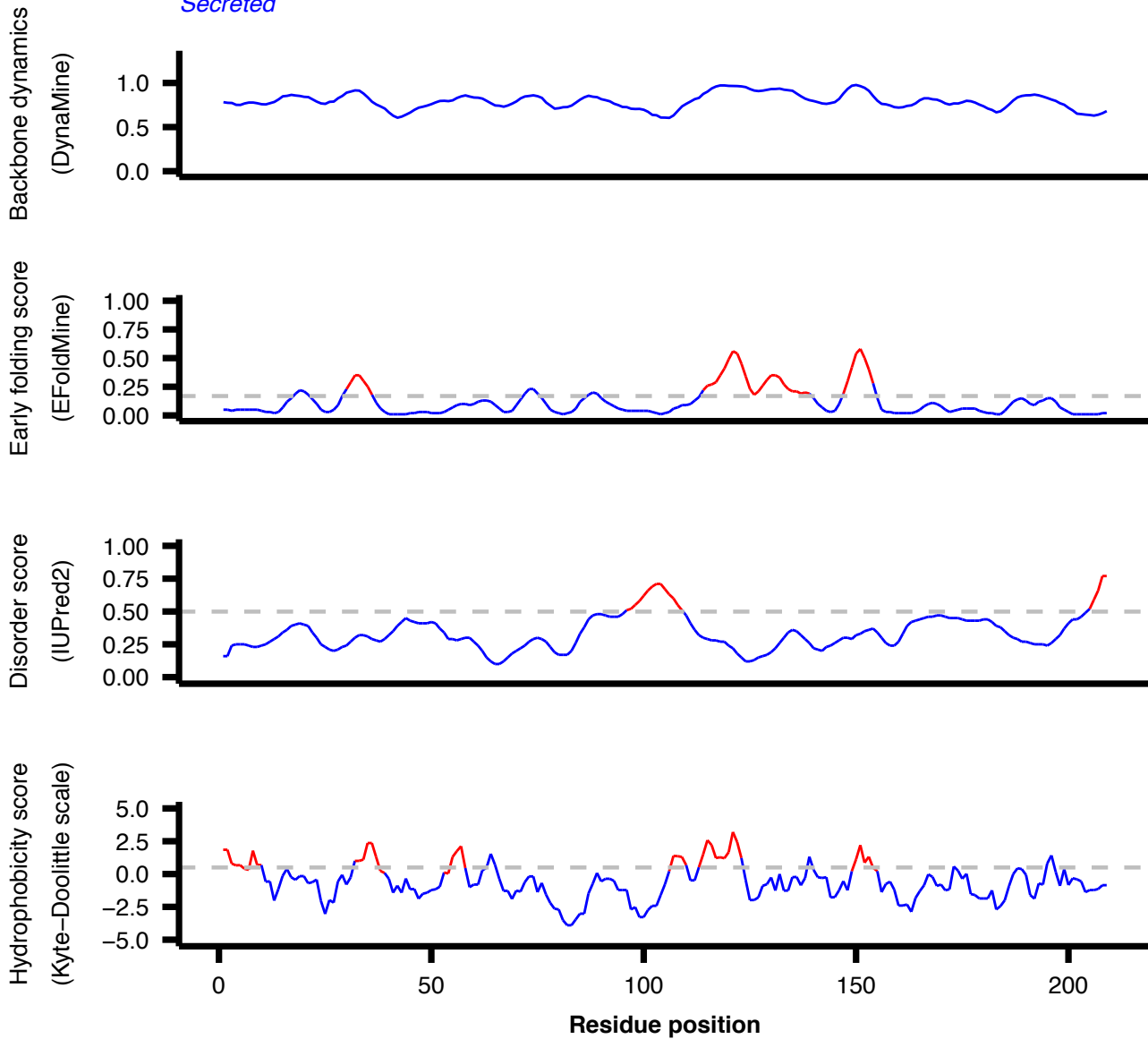
# P77802 (ECPC\_ECOLI)

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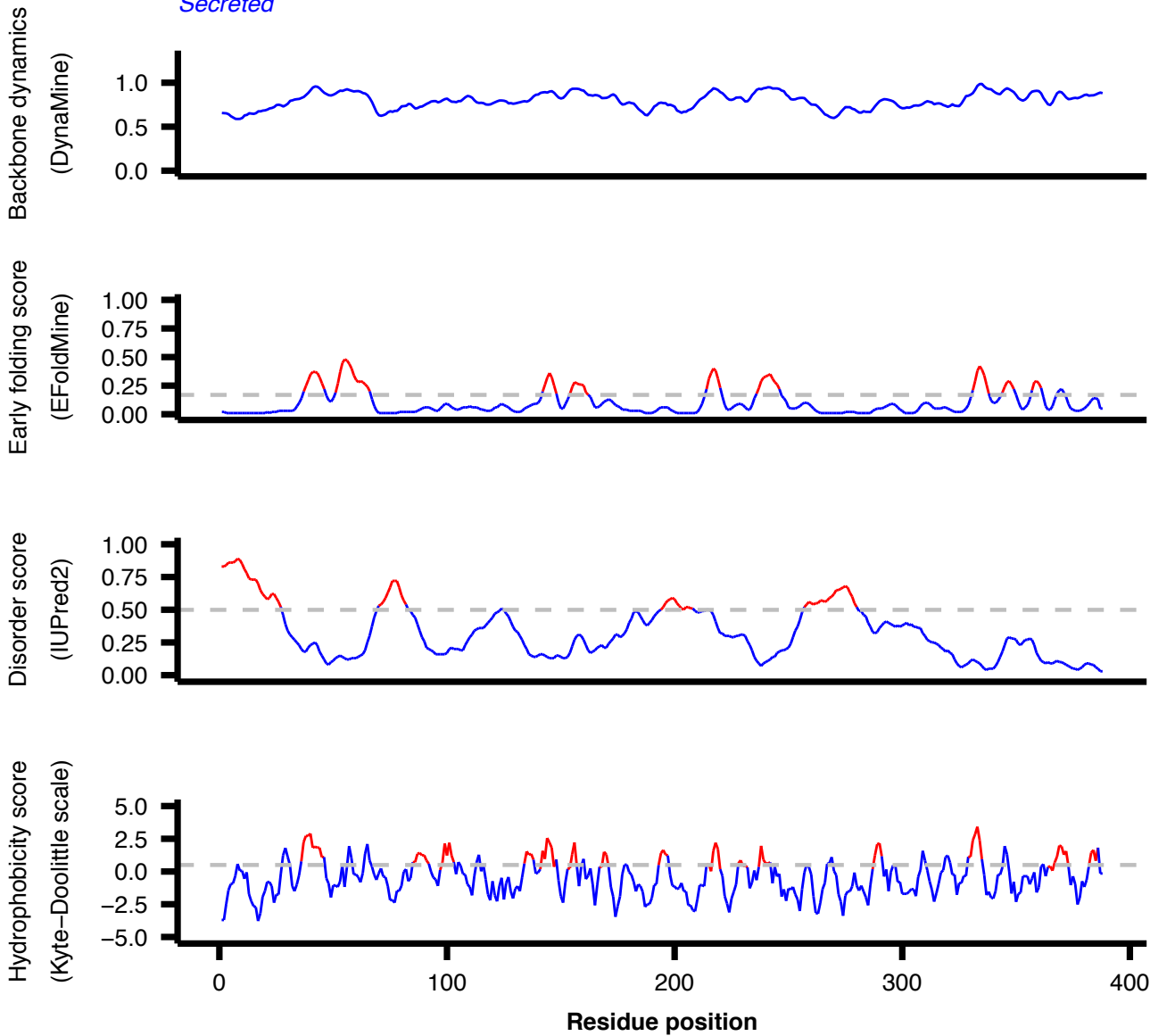
# P77263 (ECPE\_ECOLI)

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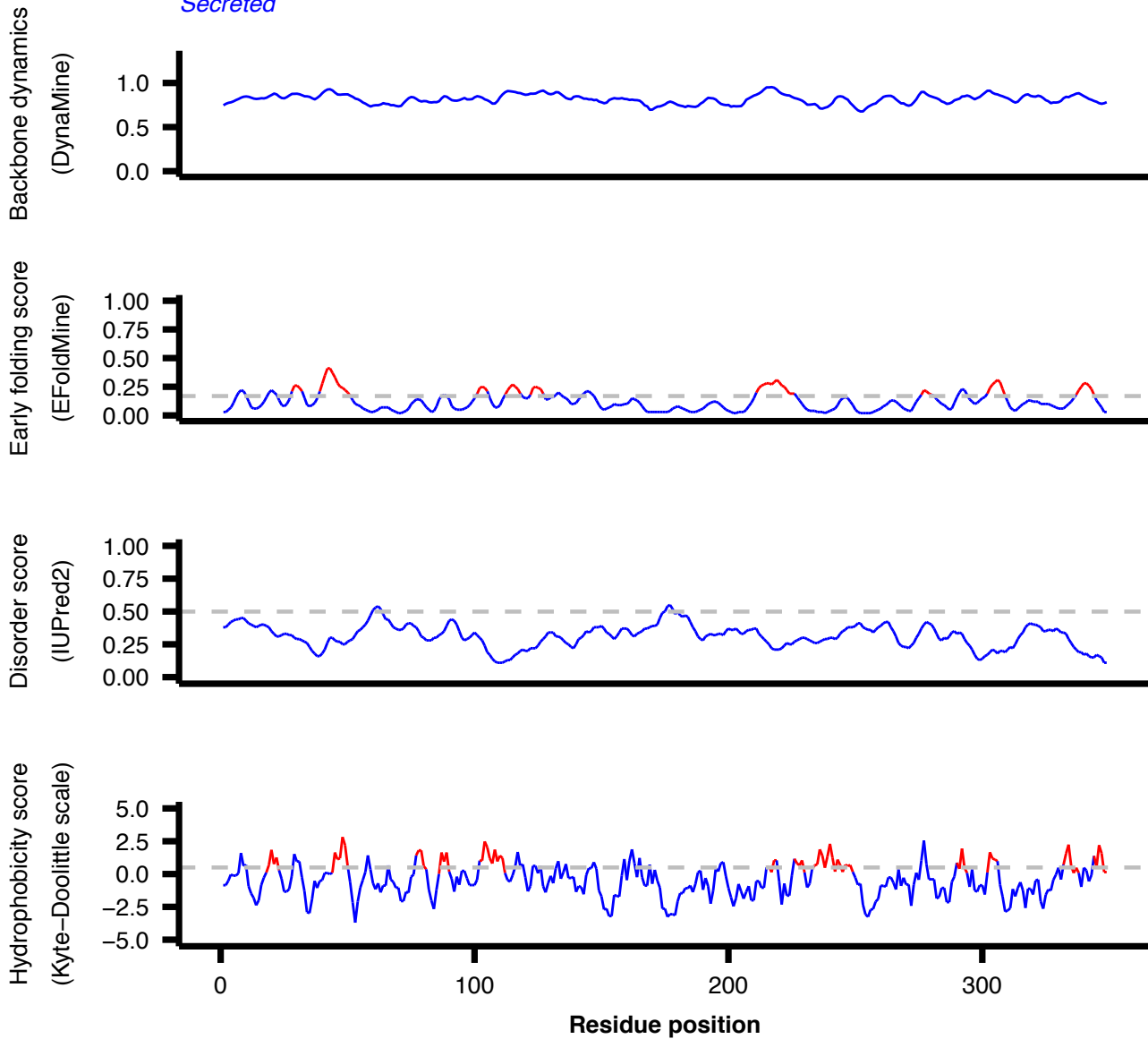
# P31545 (EFEB\_ECOLI)

*Secreted*



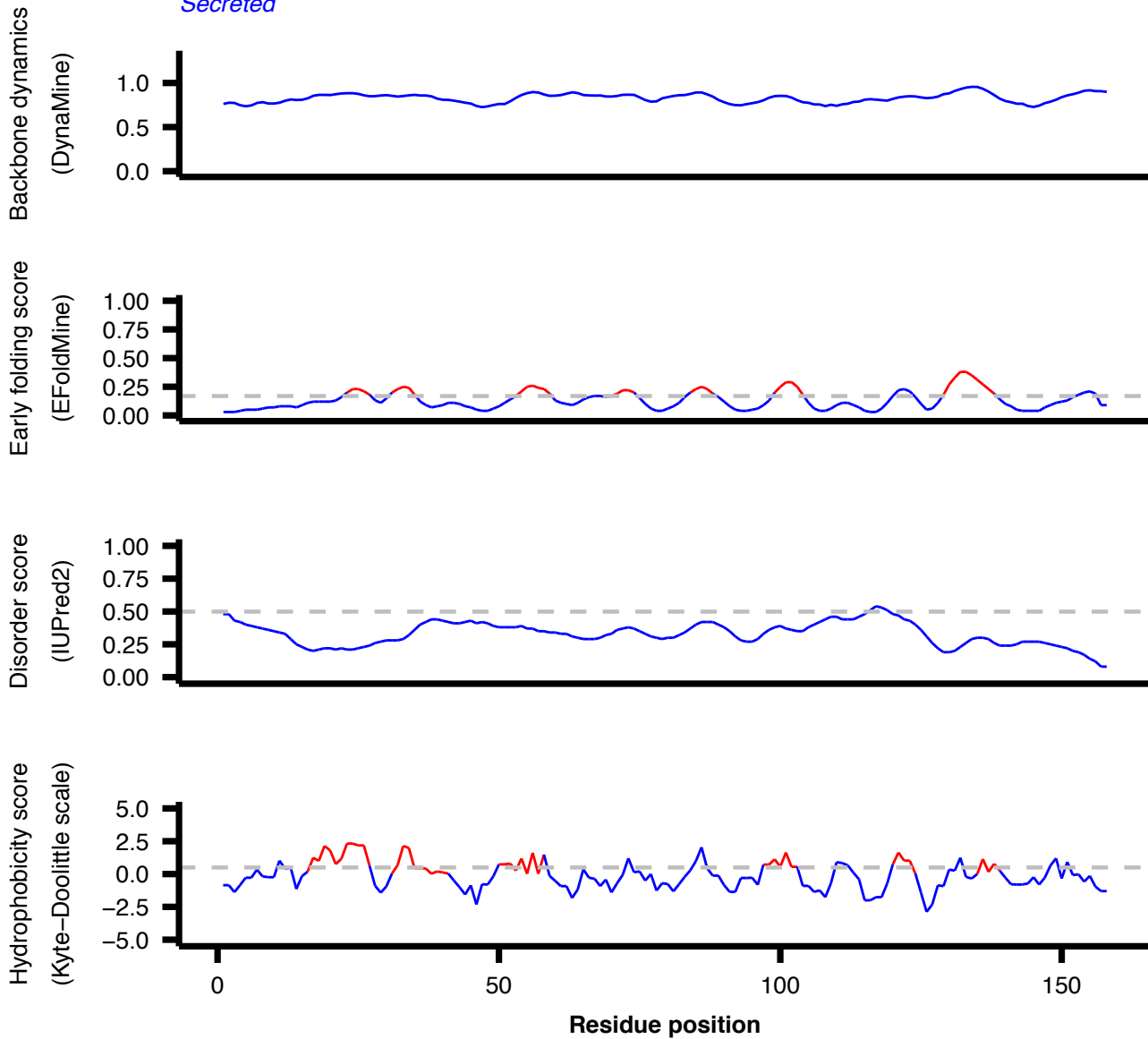
# P0AB24 (EFEO\_ECOLI)

*Secreted*



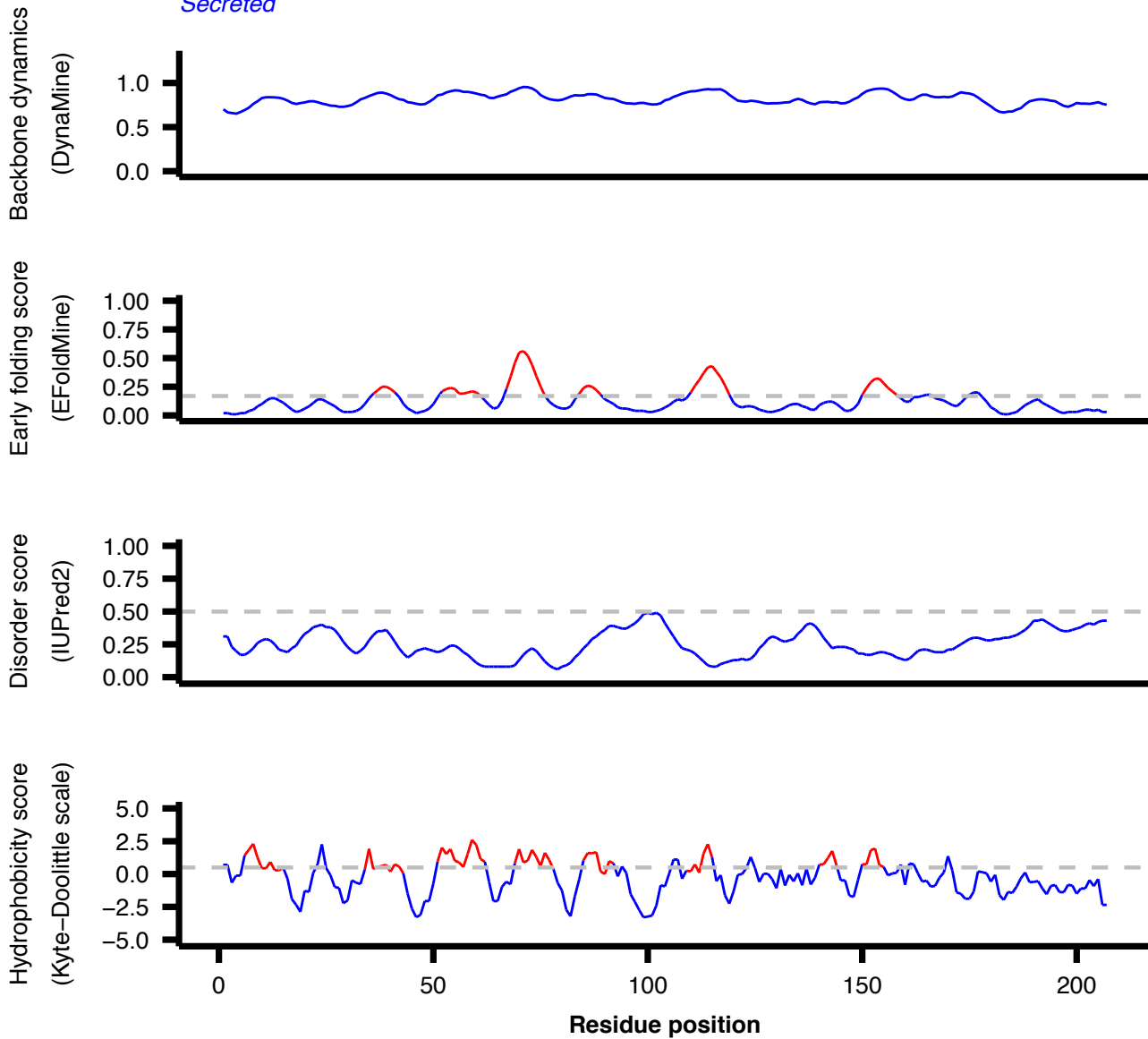
# P75855 (ELFA\_ECOLI)

*Secreted*



# P75856 (ELFD\_ECOLI)

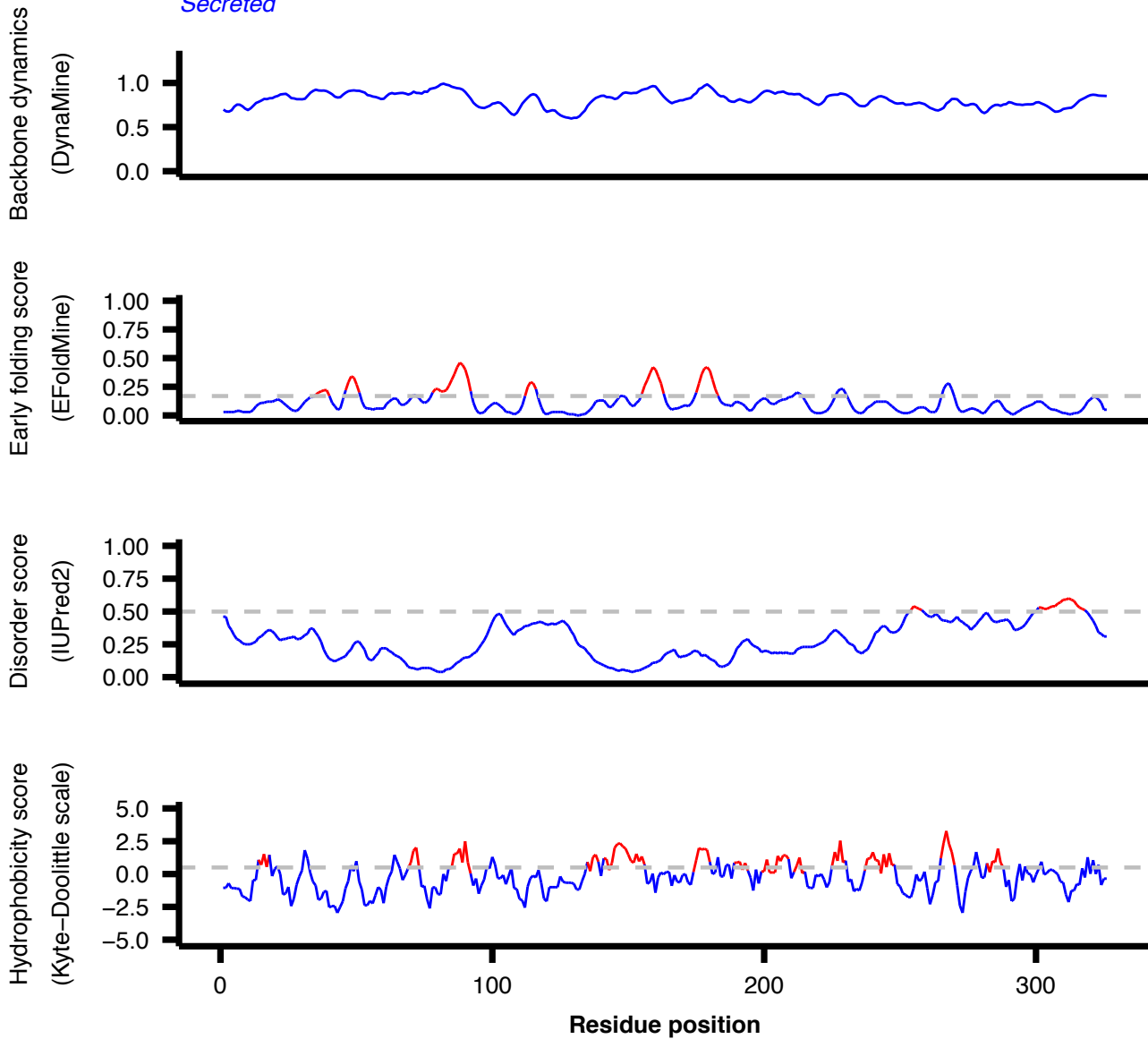
*Secreted*





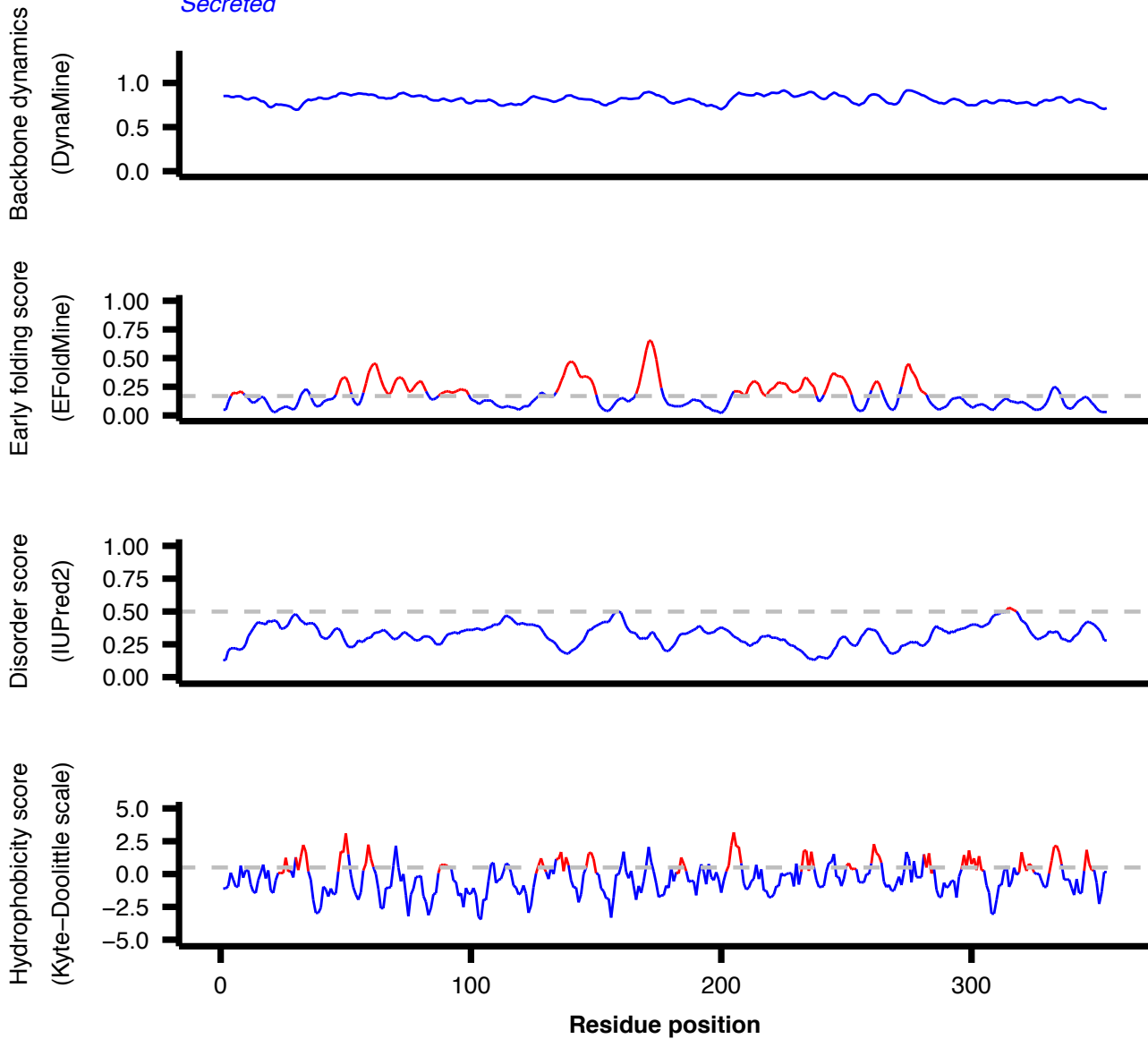
# P75858 (ELFG\_ECOLI)

*Secreted*



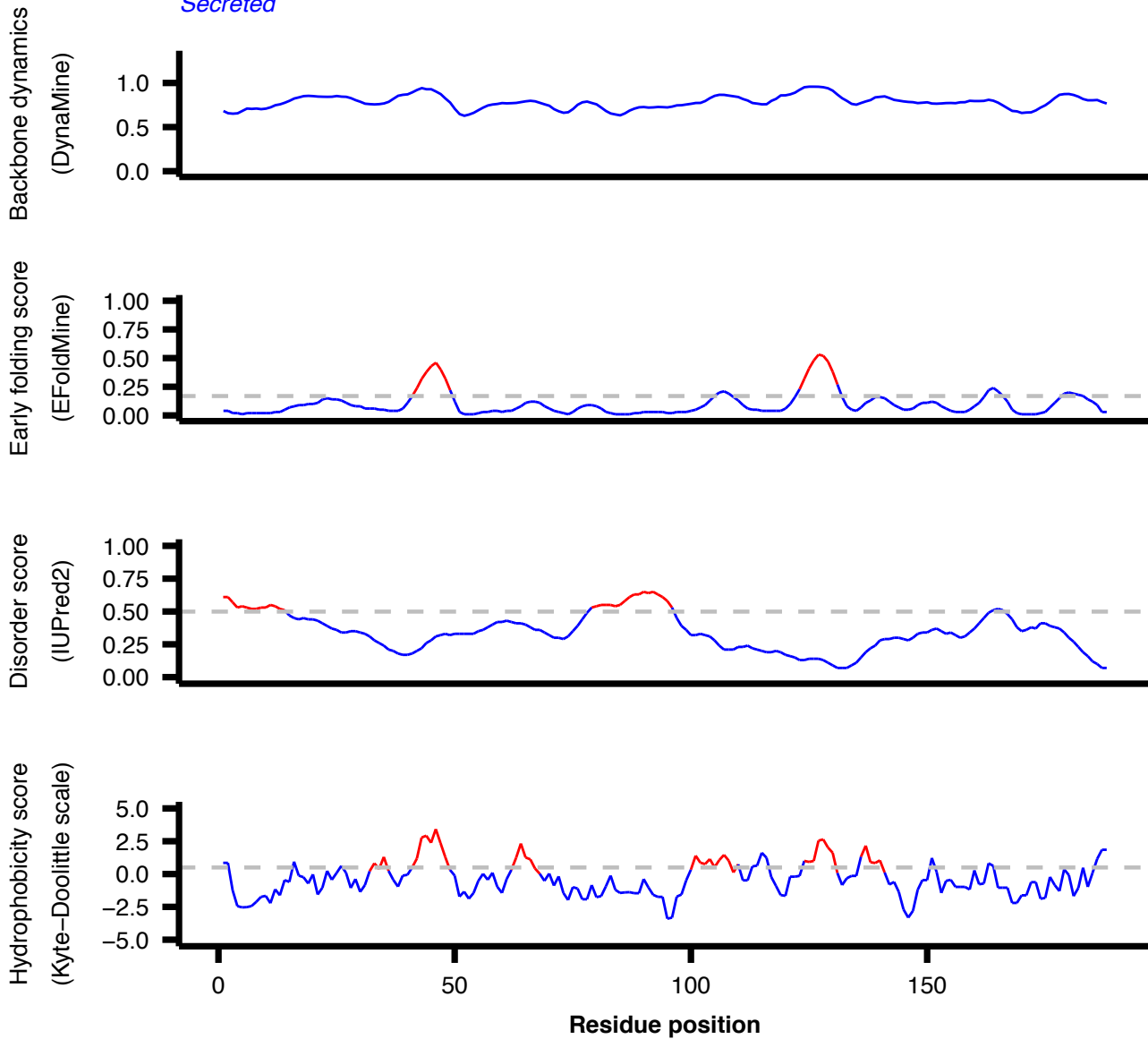
# P52599 (EMRK\_ECOLI)

*Secreted*



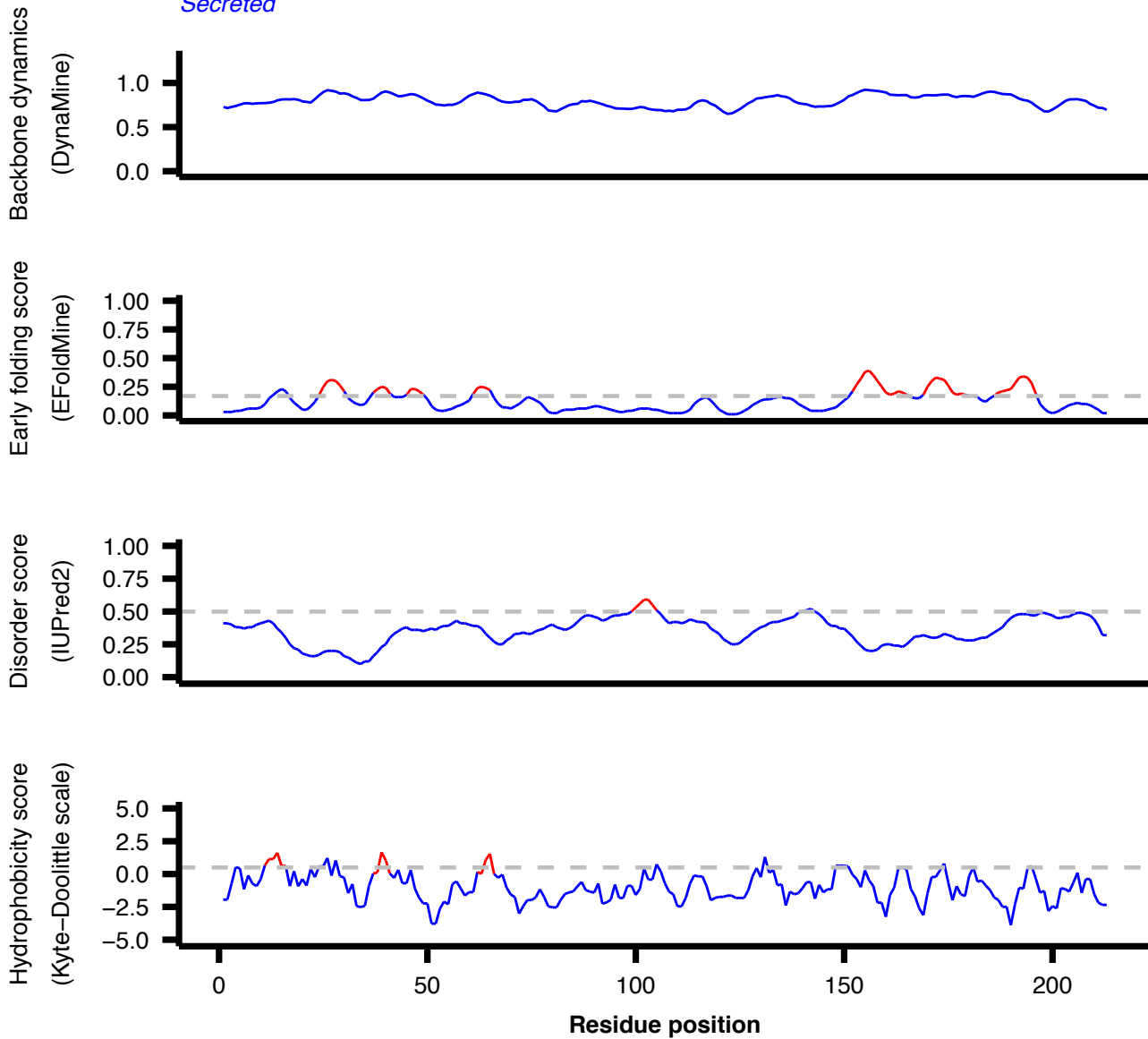
# P0C960 (EMTA\_ECOLI)

*Secreted*



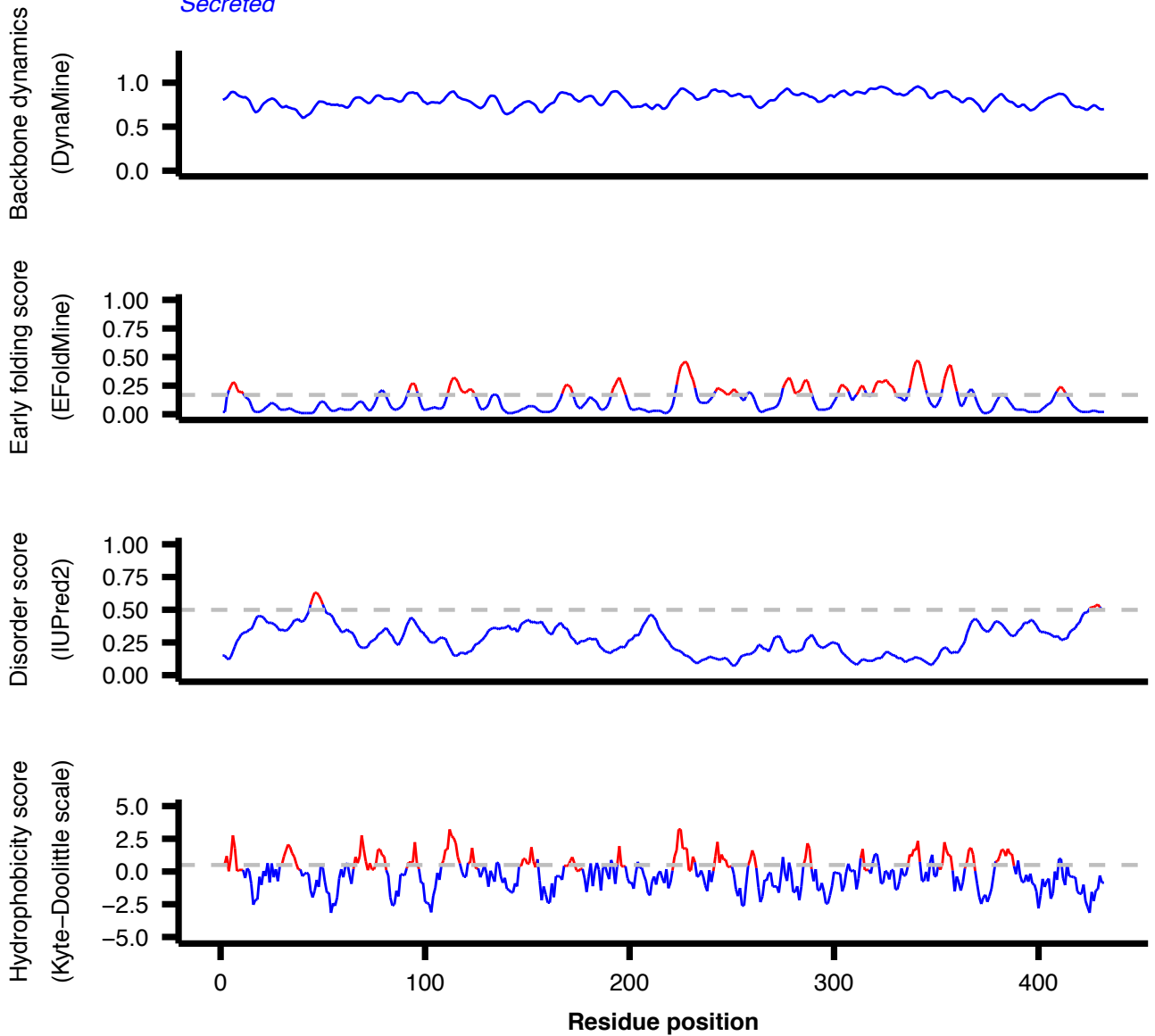
# P25736 (END1\_ECOLI)

*Secreted*



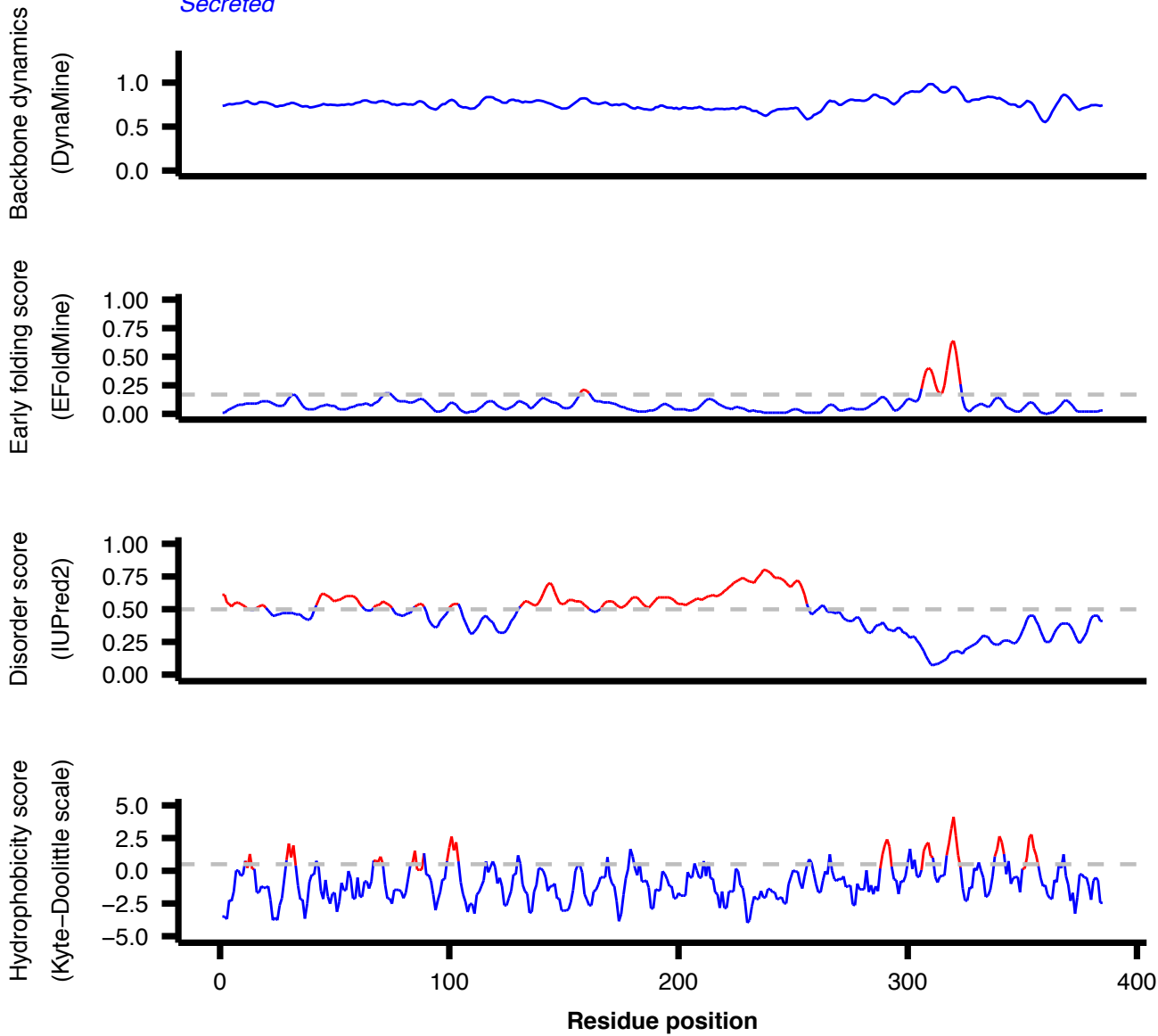
# P0A6P9 (ENO\_ECOLI)

*Secreted*



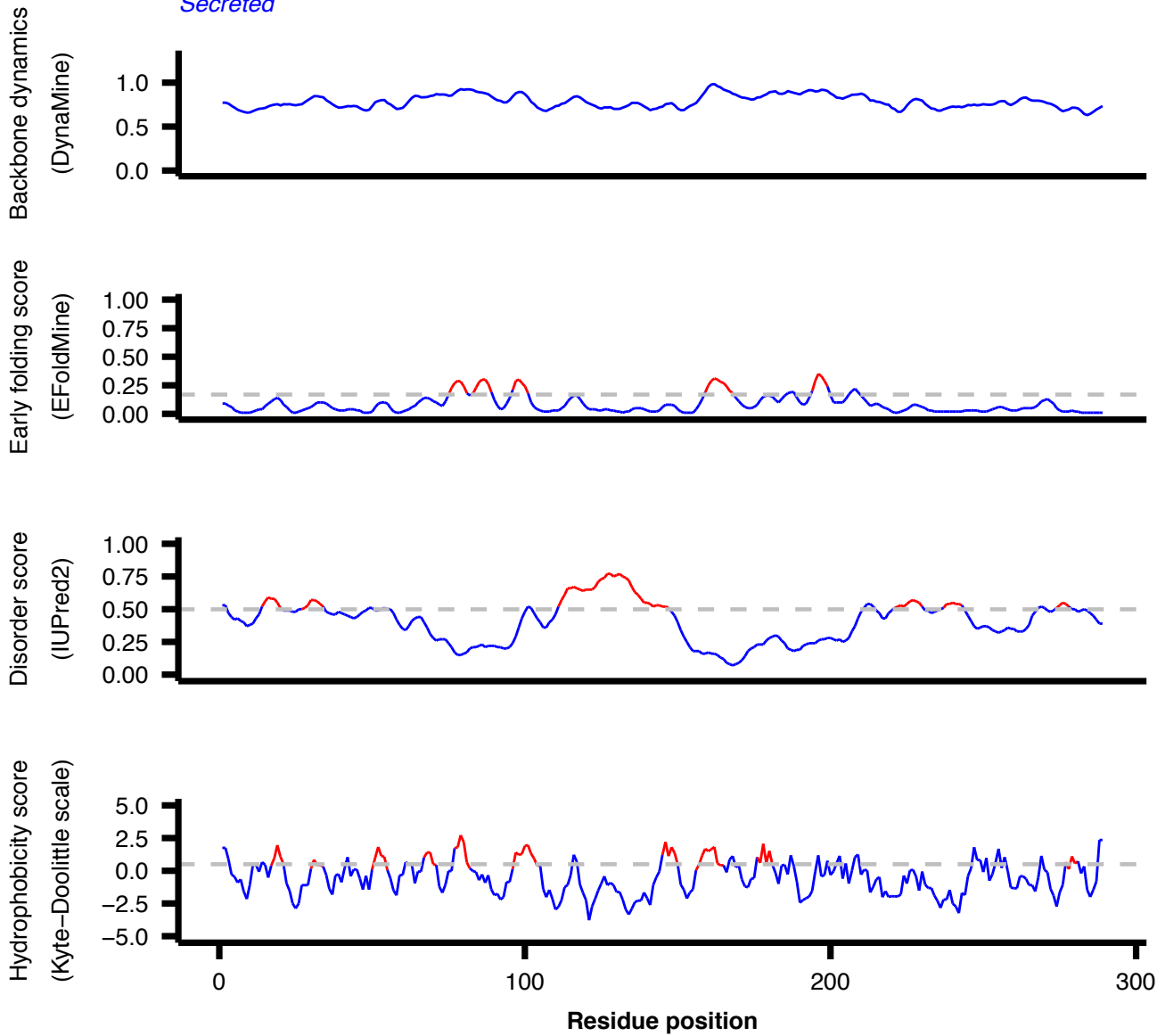
# P37690 (ENVC\_ECOLI)

*Secreted*



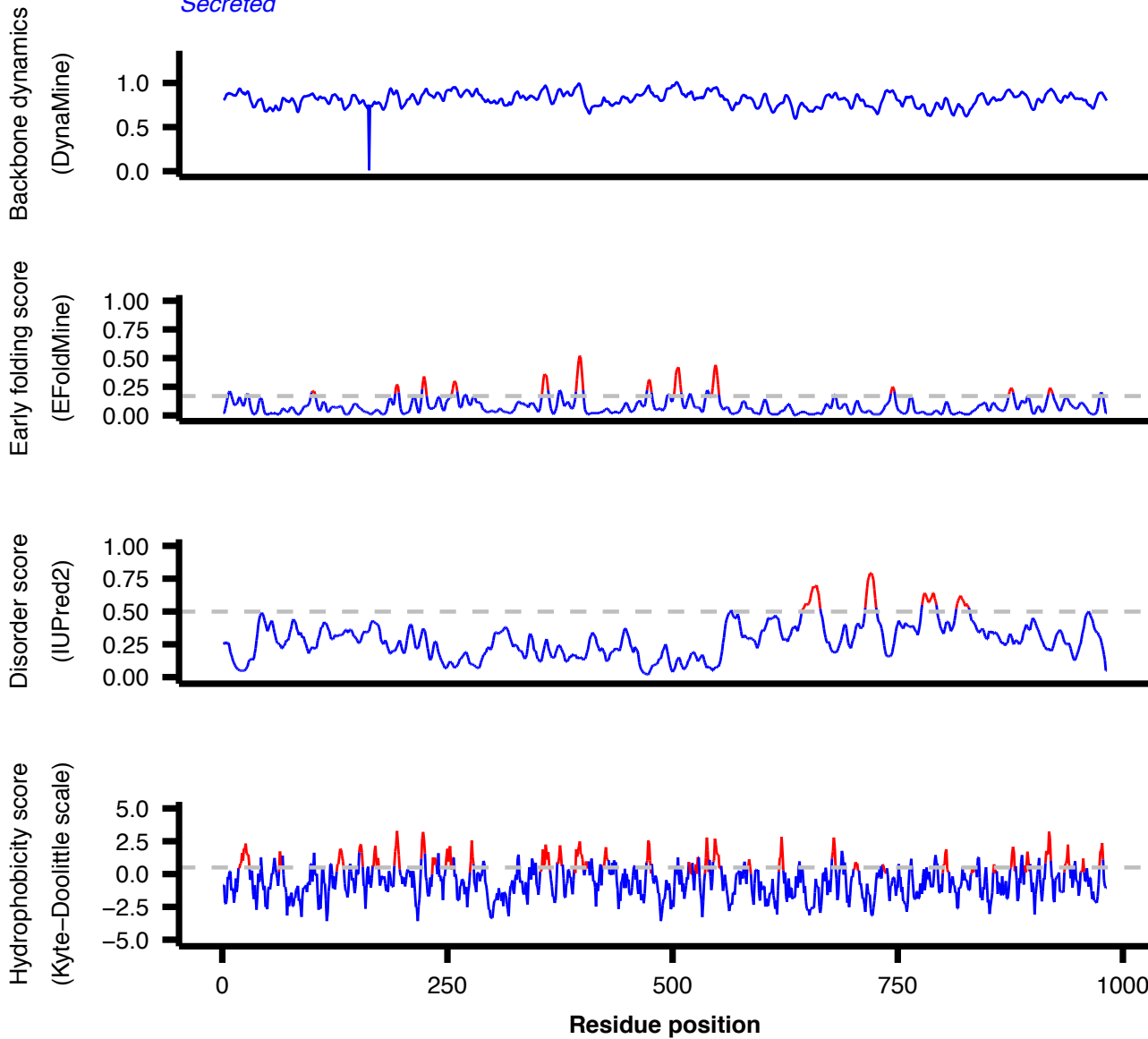
# P39176 (ERFK\_ECOLI)

*Secreted*



# P24183 (FDNG\_ECOLI)

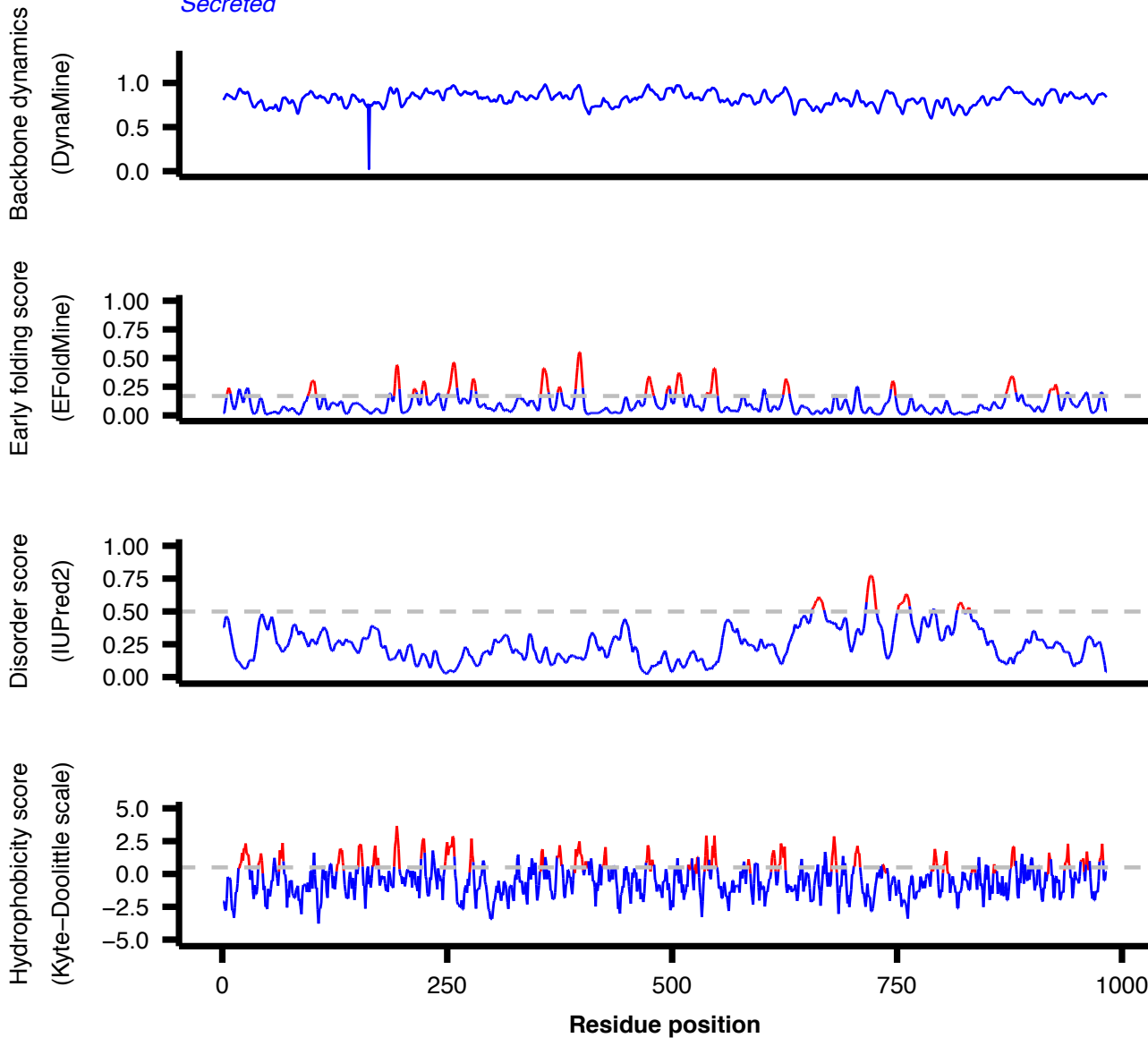
*Secreted*





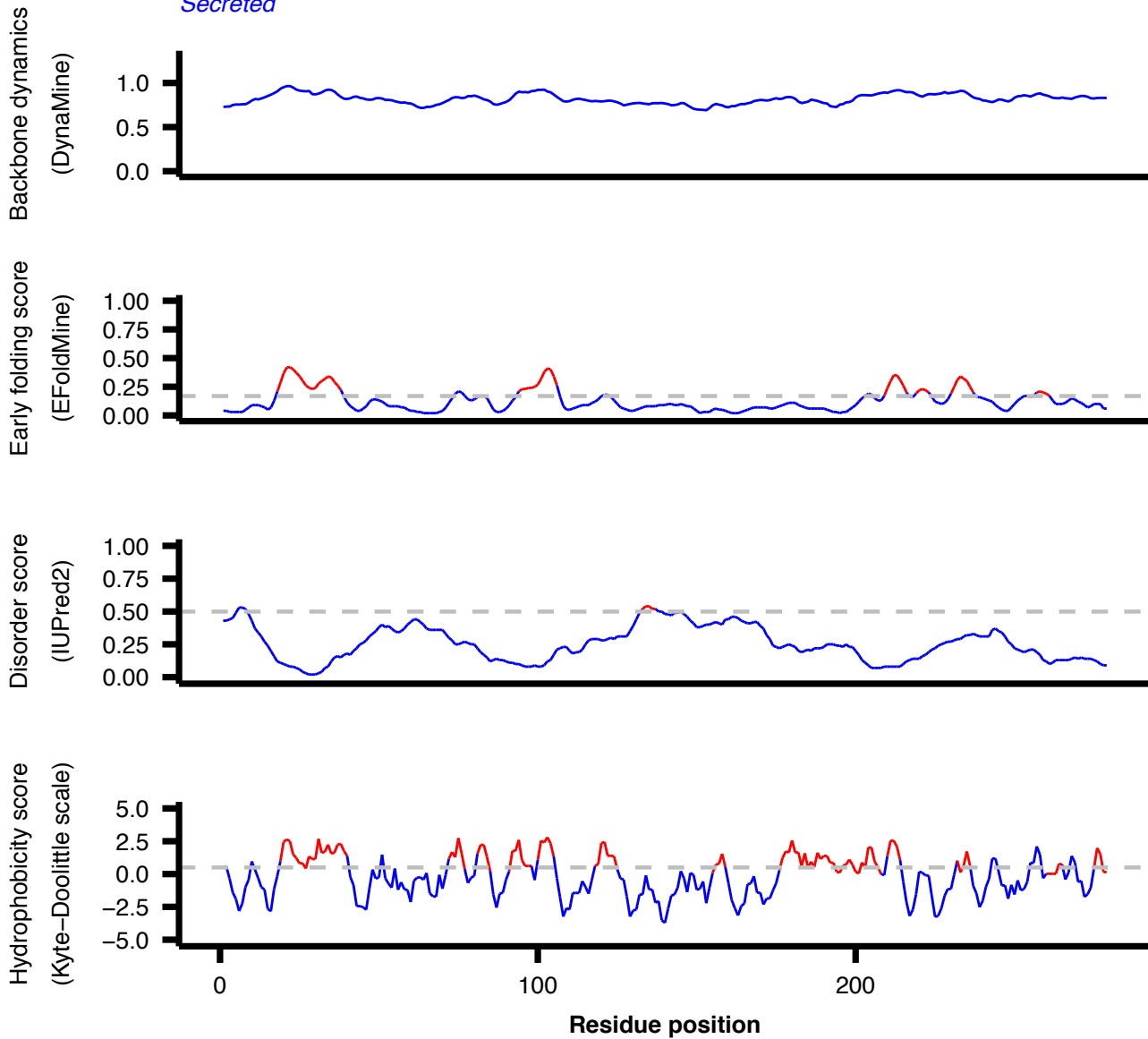
# P32176 (FDOG\_ECOLI)

*Secreted*



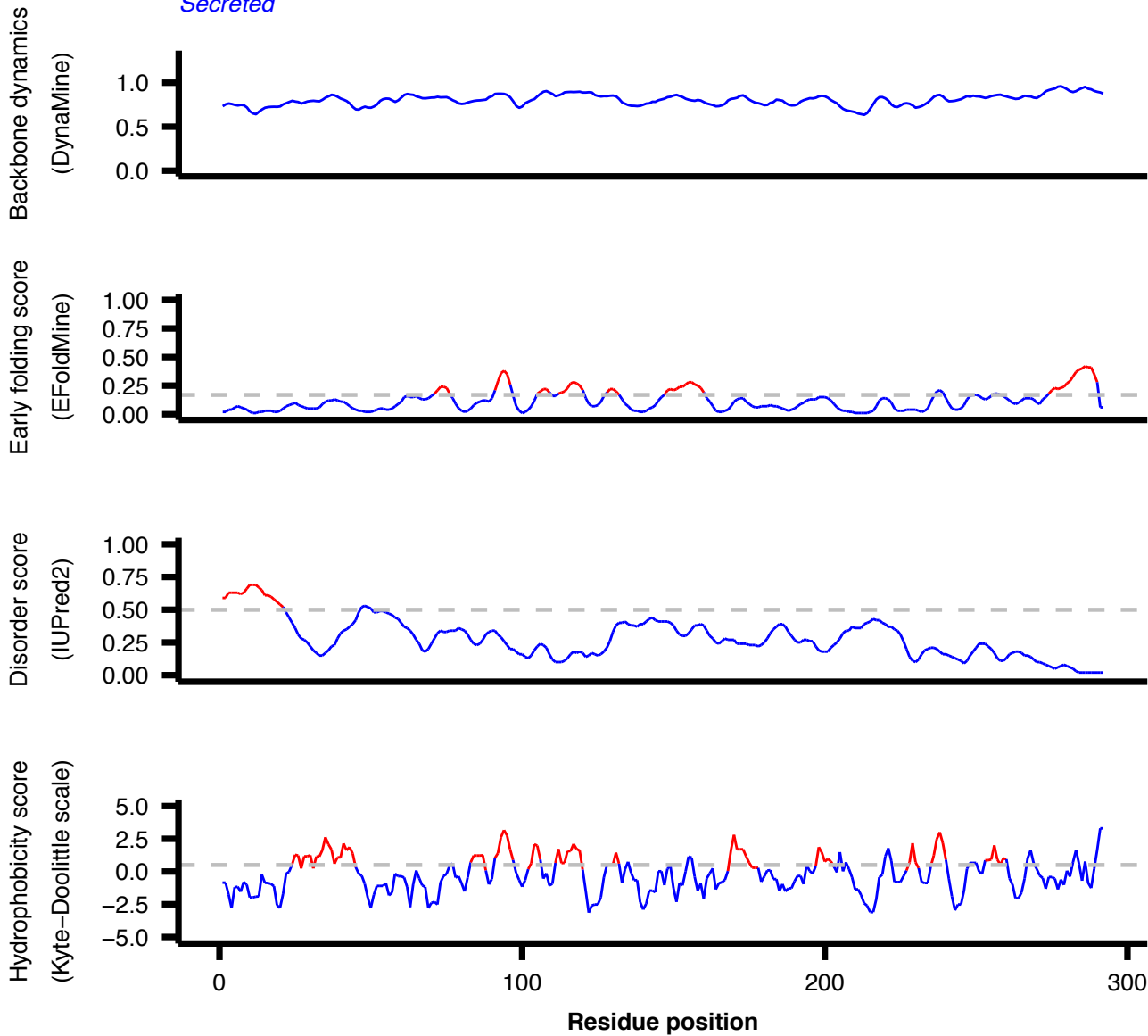
# P15028 (FECB\_ECOLI)

*Secreted*



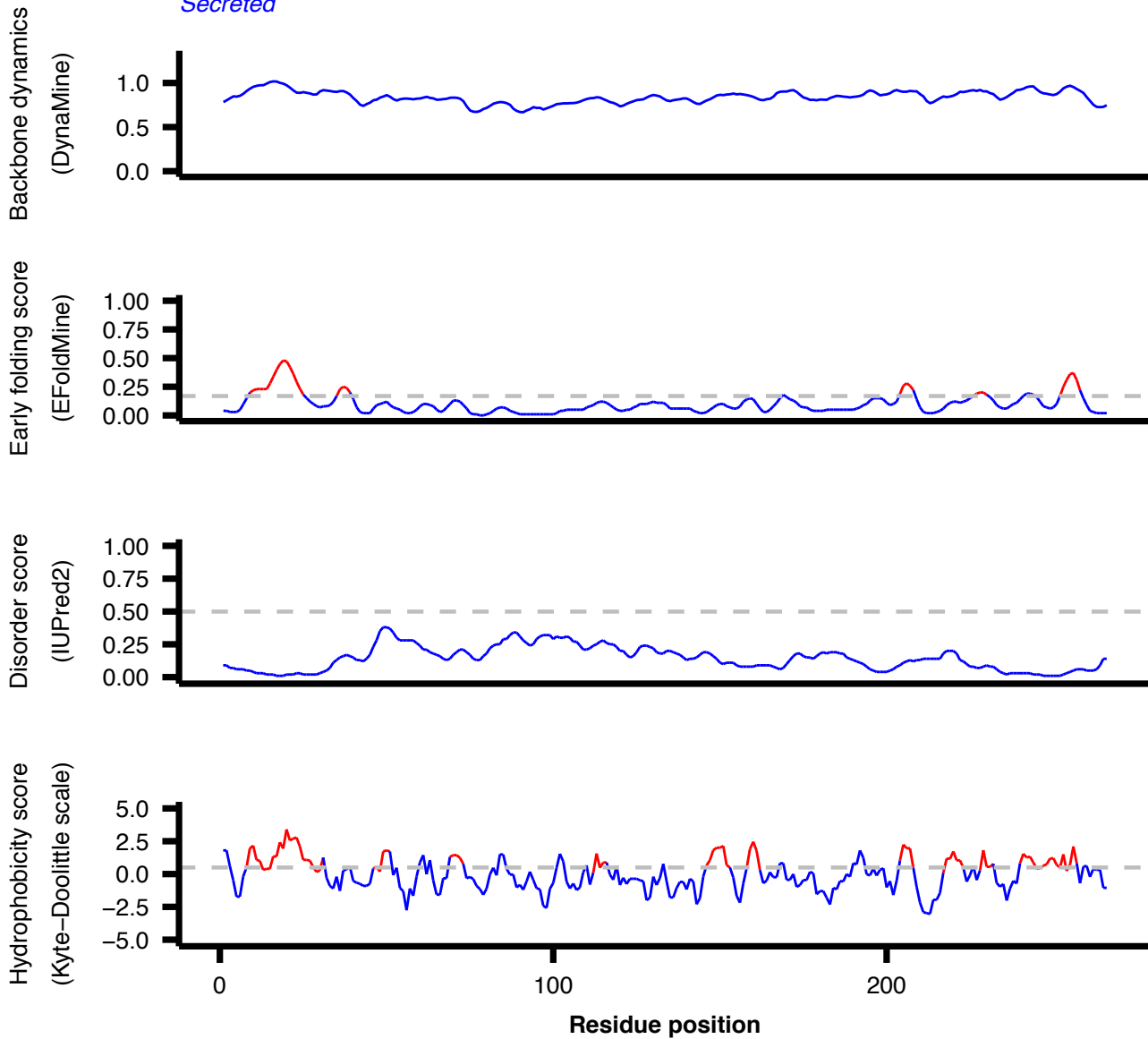
# P0AEL6 (FEPB\_ECOLI)

*Secreted*



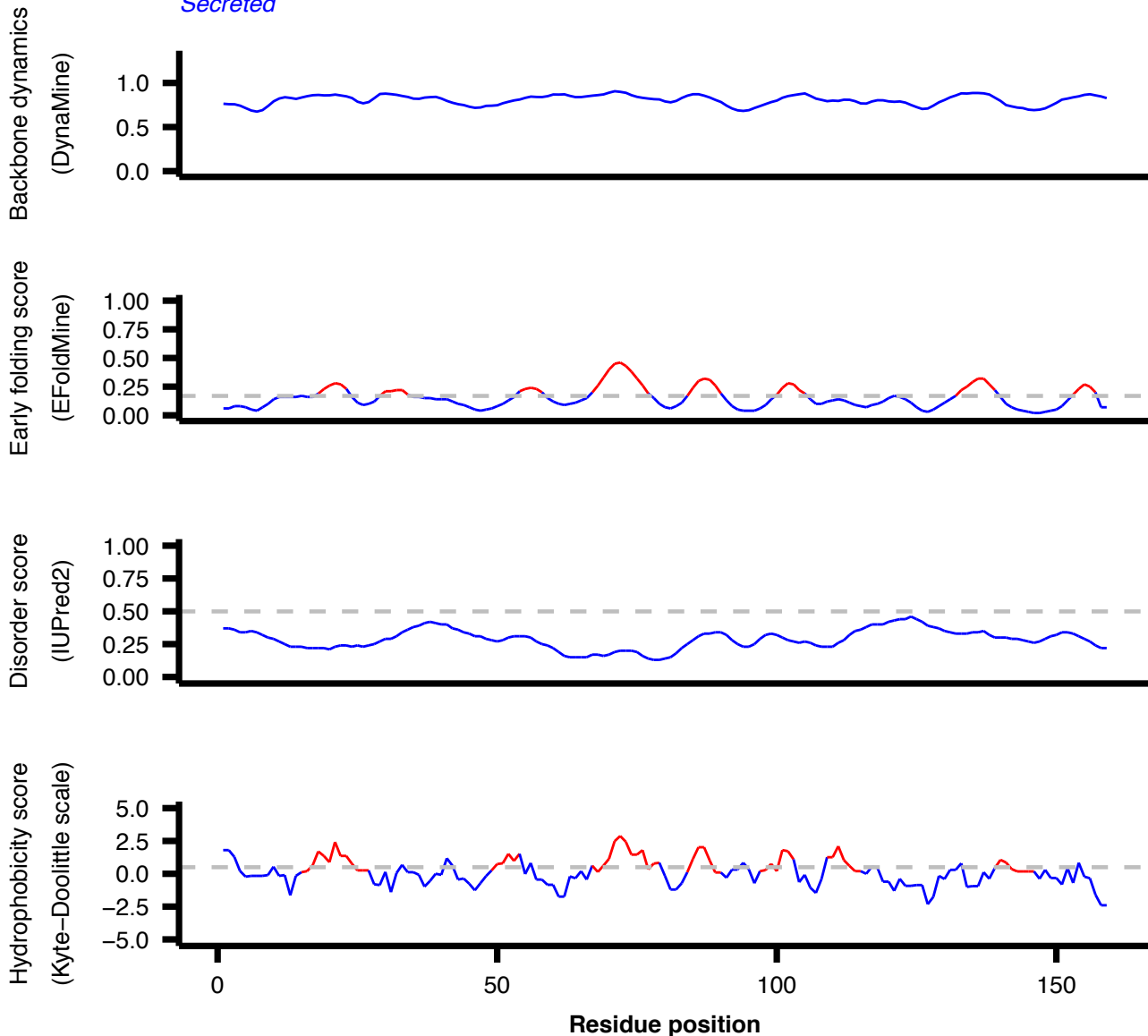
# P07822 (FHU<sub>D</sub>\_ECOLI)

*Secreted*



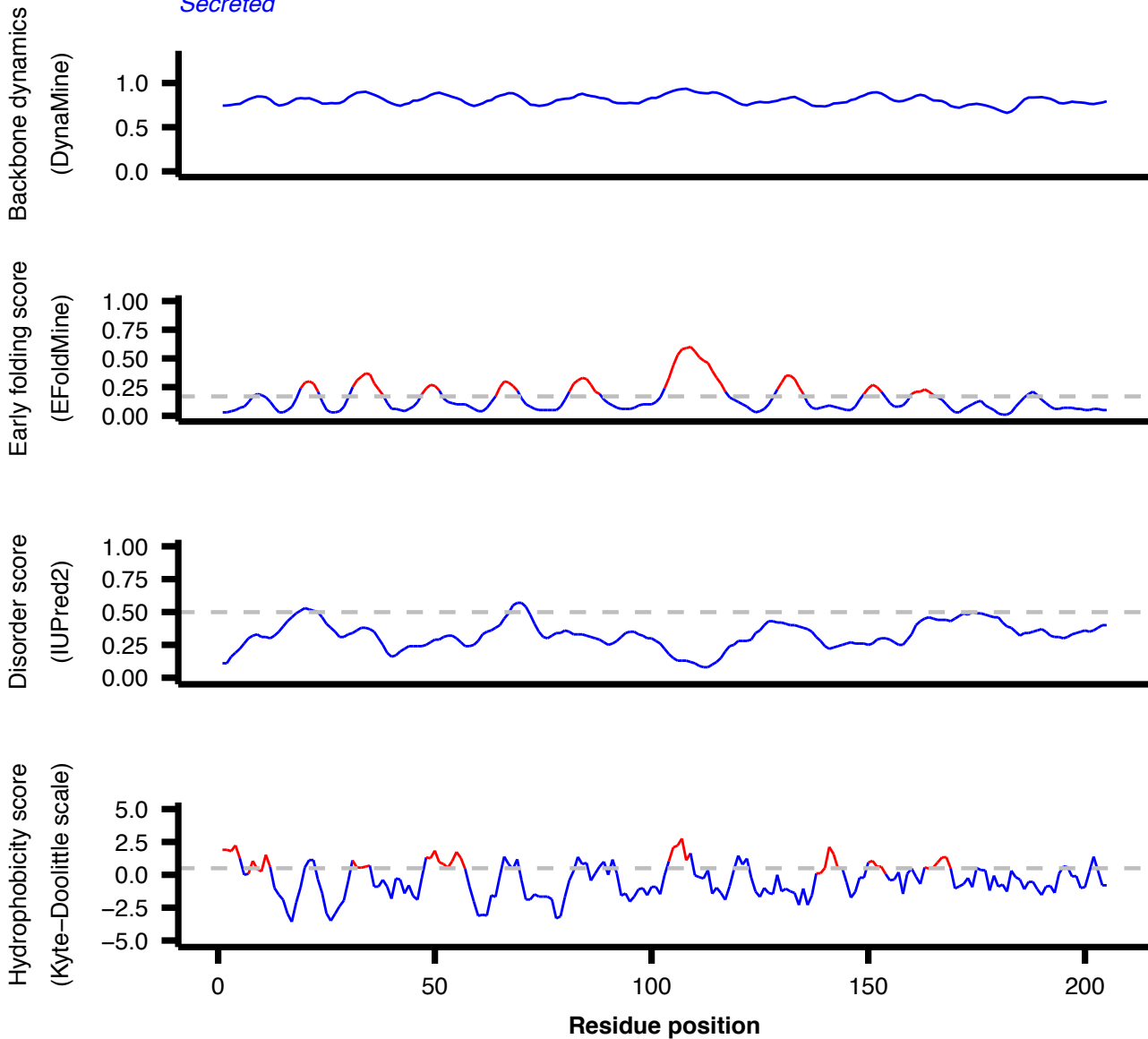
# P04128 (FIMA1\_ECOLI)

*Secreted*



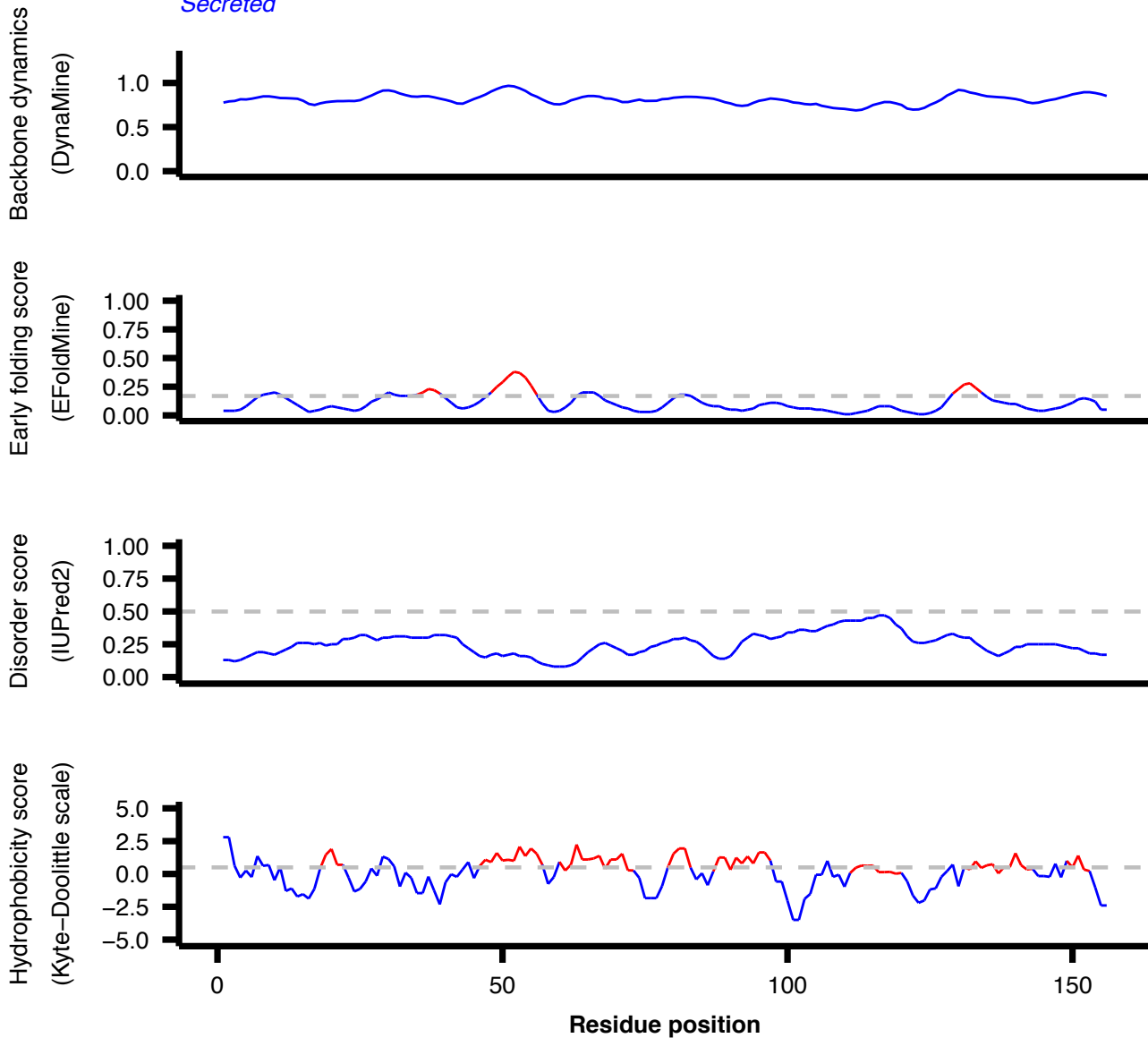
# P31697 (FIMC\_ECOLI)

*Secreted*



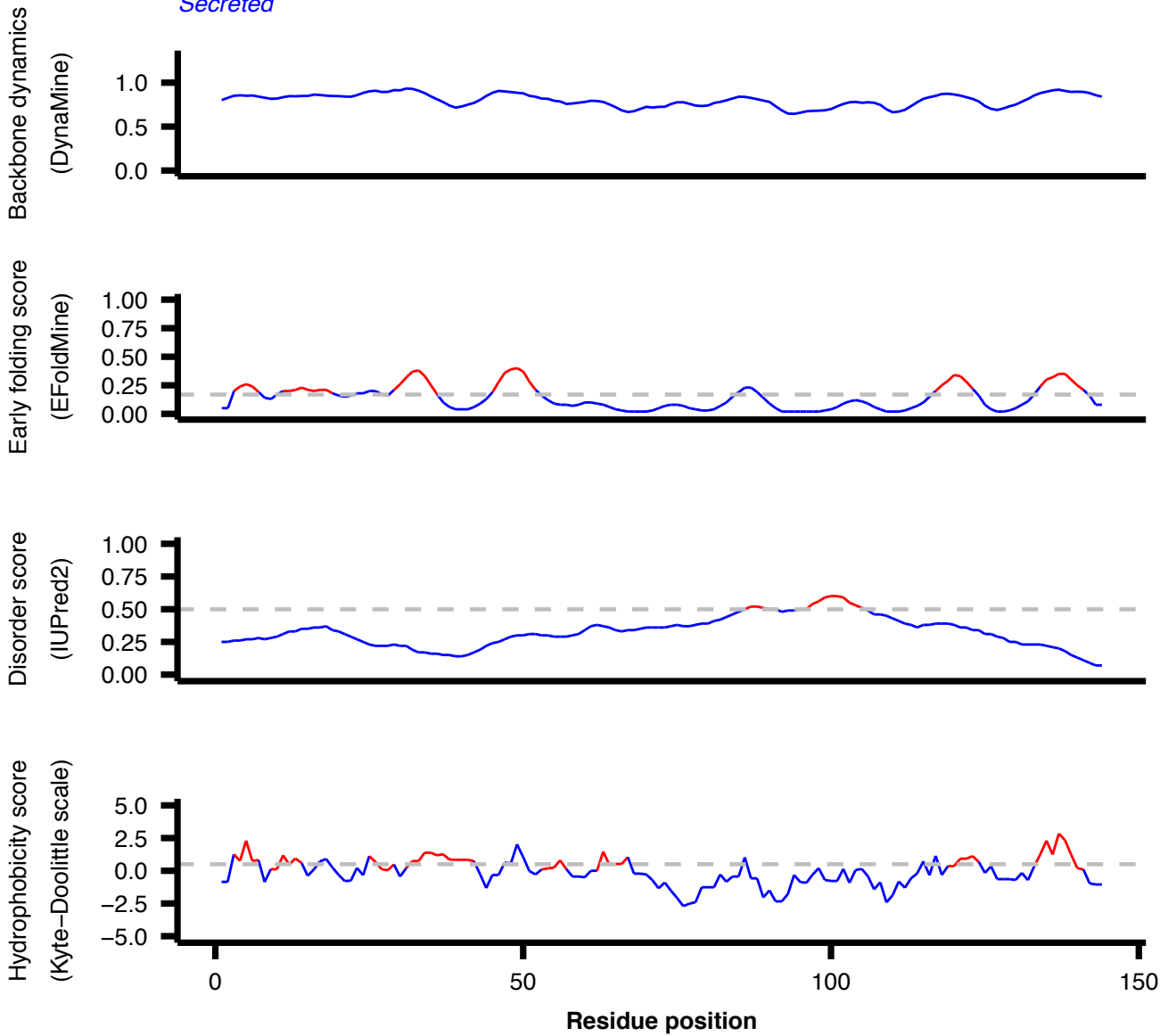
# P08189 (FIMF\_ECOLI)

*Secreted*



# P08190 (FIMG\_ECOLI)

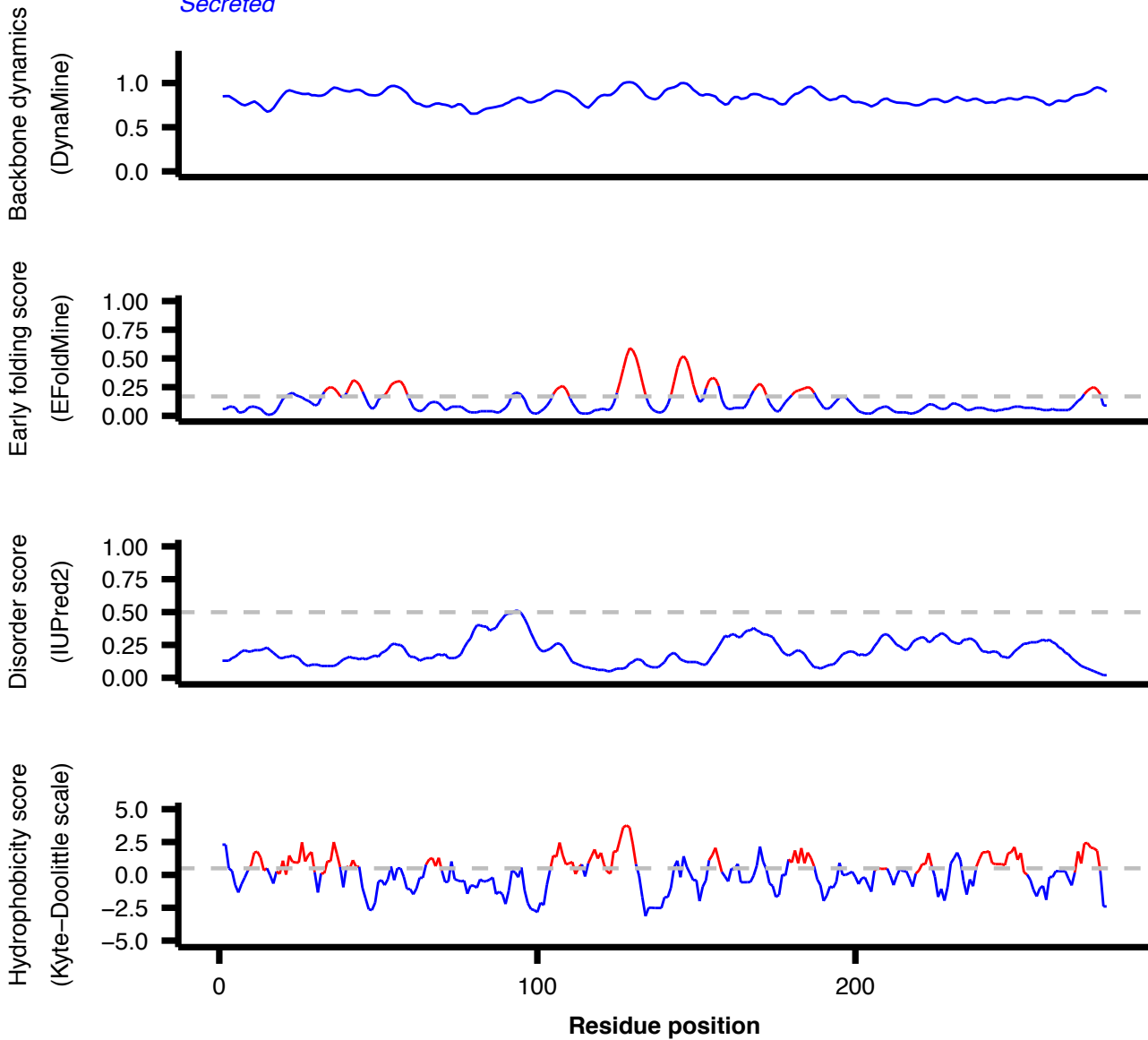
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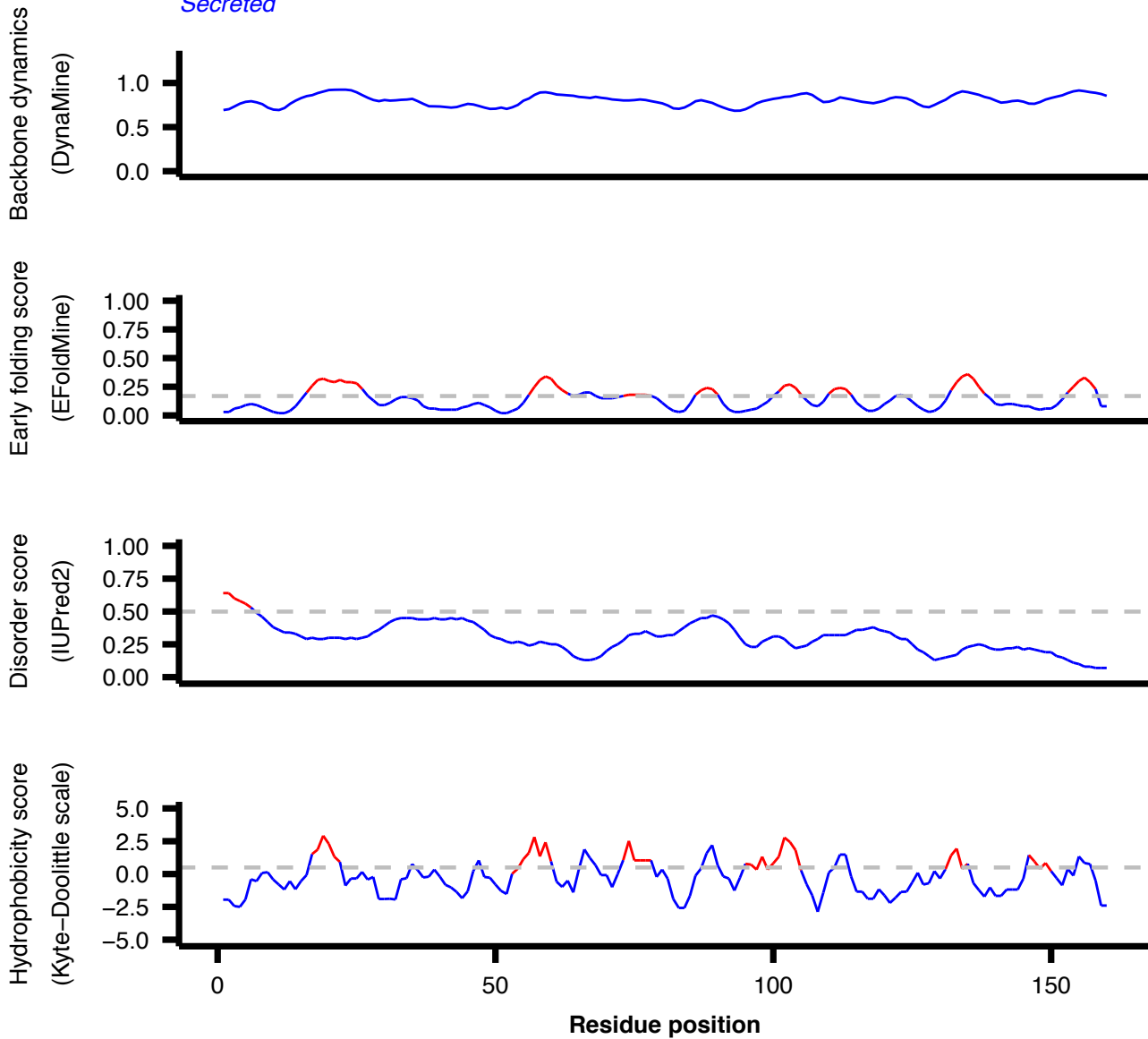
# P08191 (FIMH\_ECOLI)

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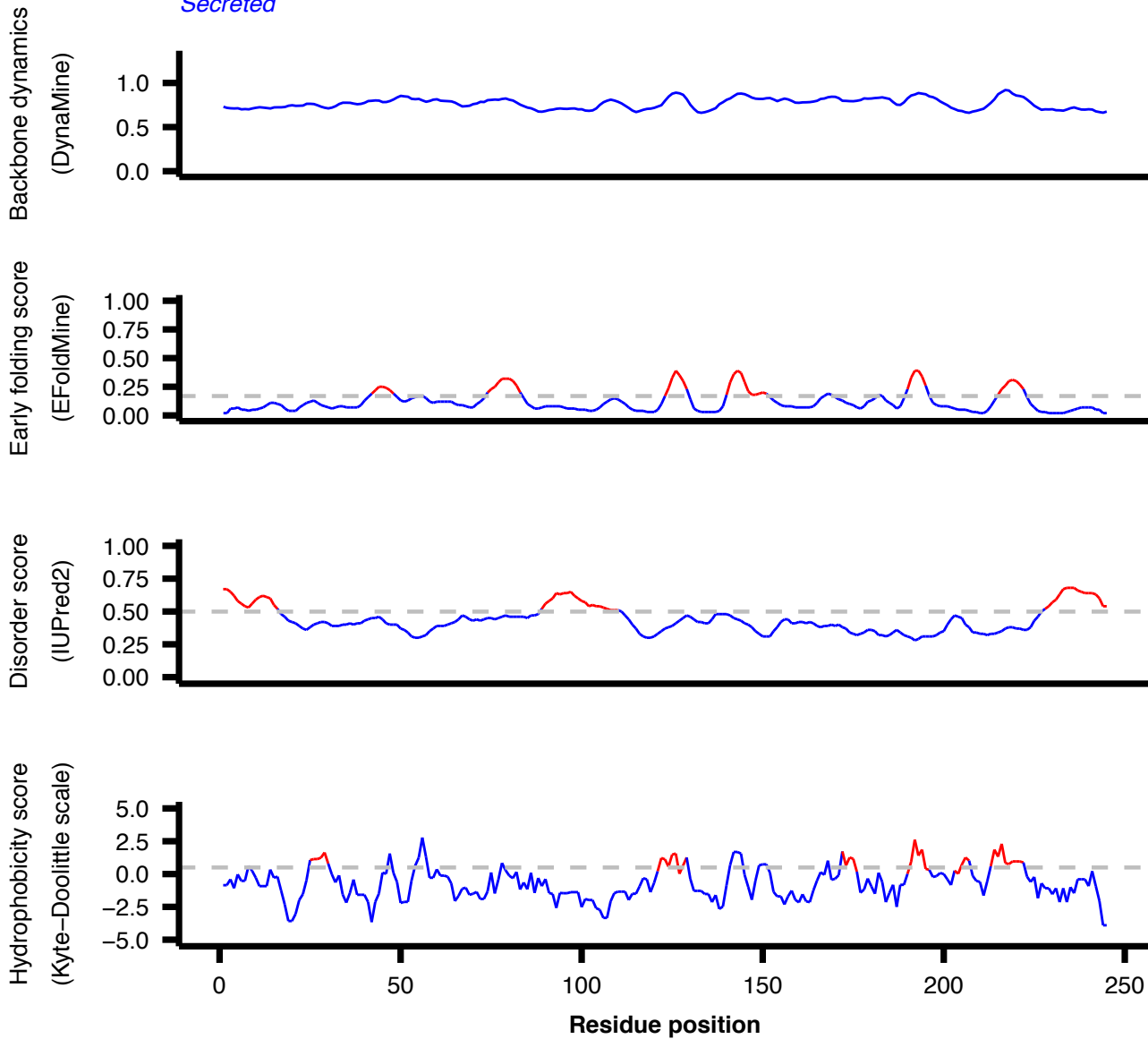
# P39264 (FIMI\_ECOLI)

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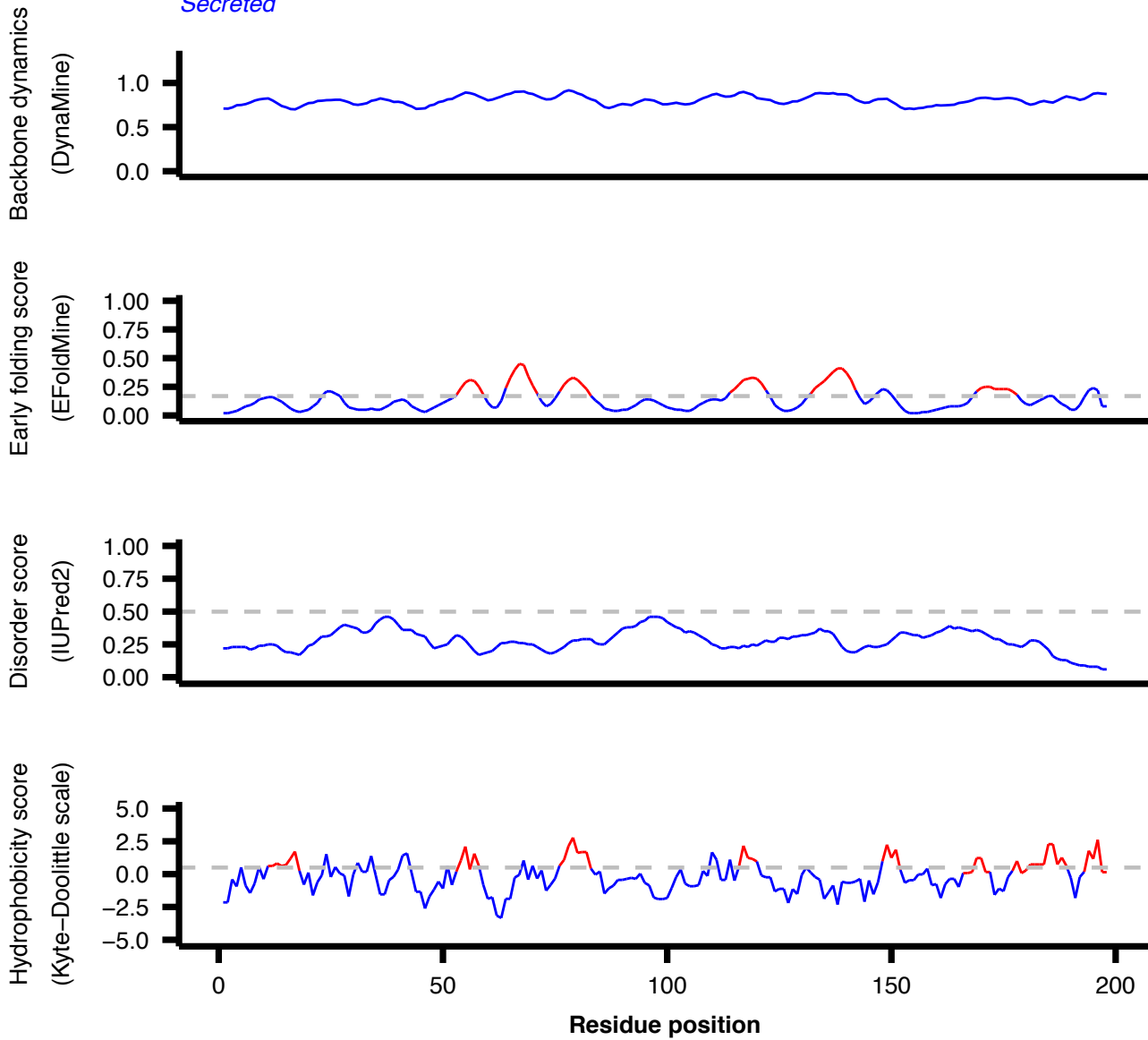
# P45523 (FKBA\_ECOLI)

*Secreted*



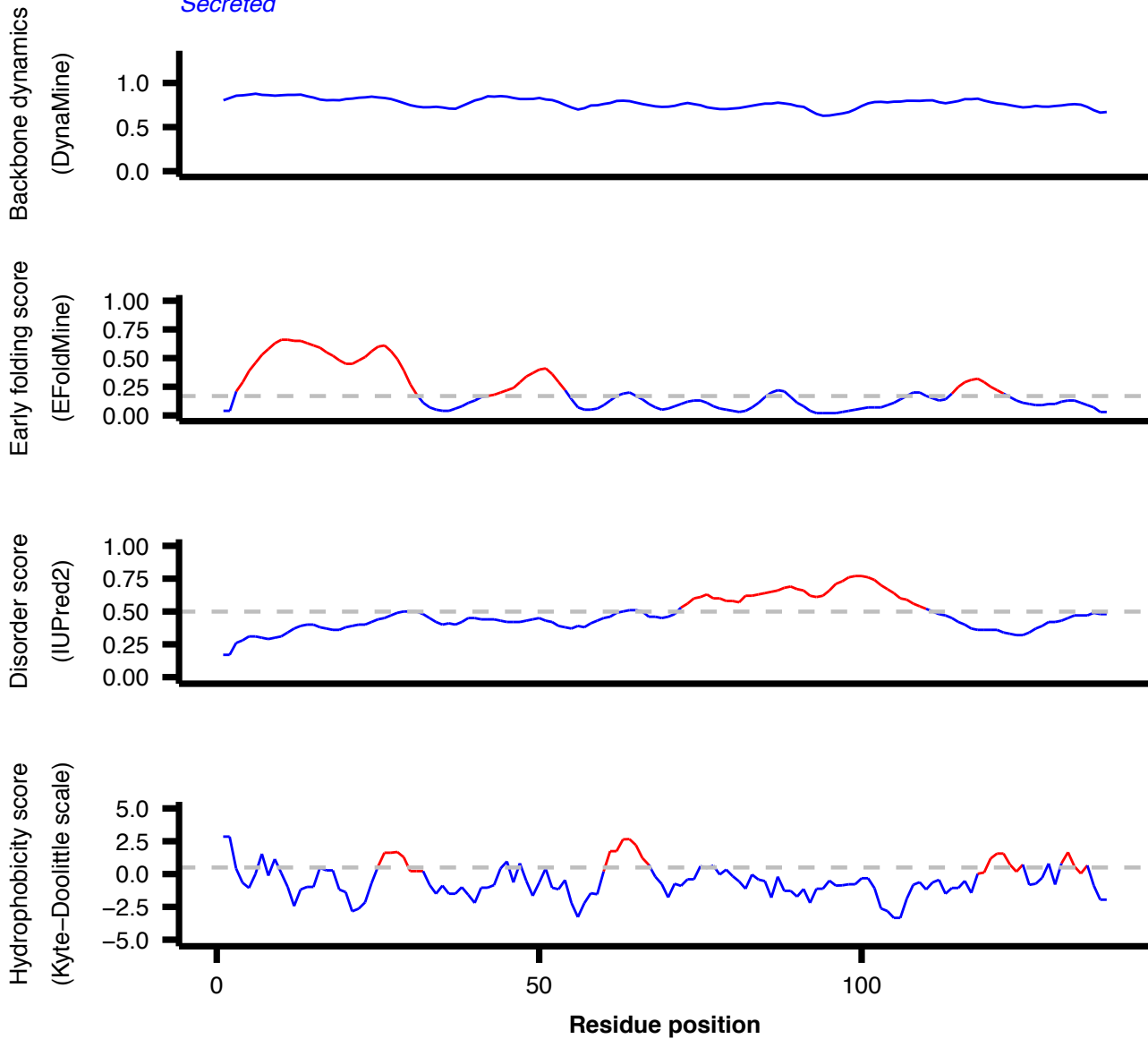
# P75933 (FLGA\_ECOLI)

*Secreted*



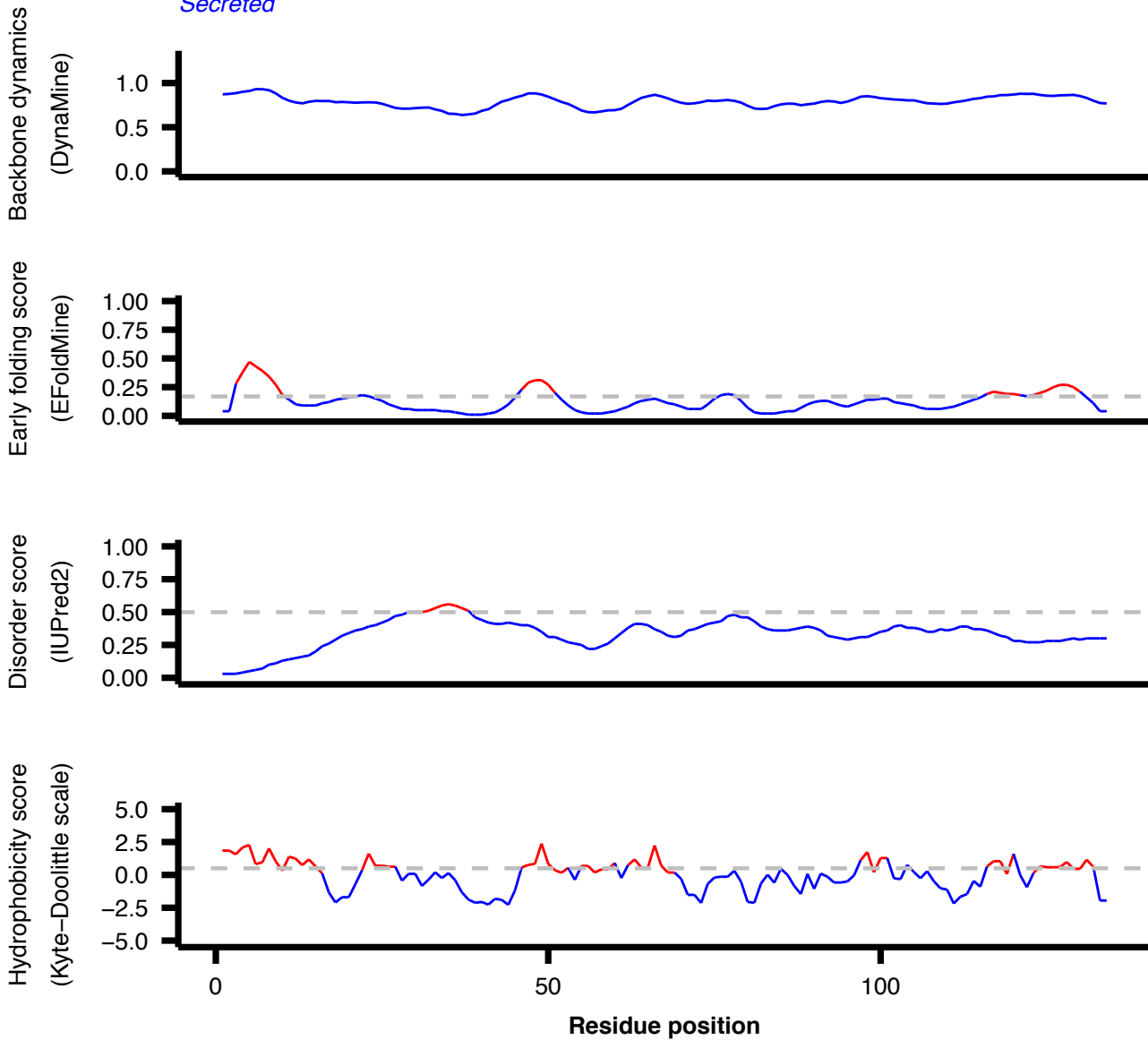
# P0ABW9 (FLGB\_ECOLI)

*Secreted*



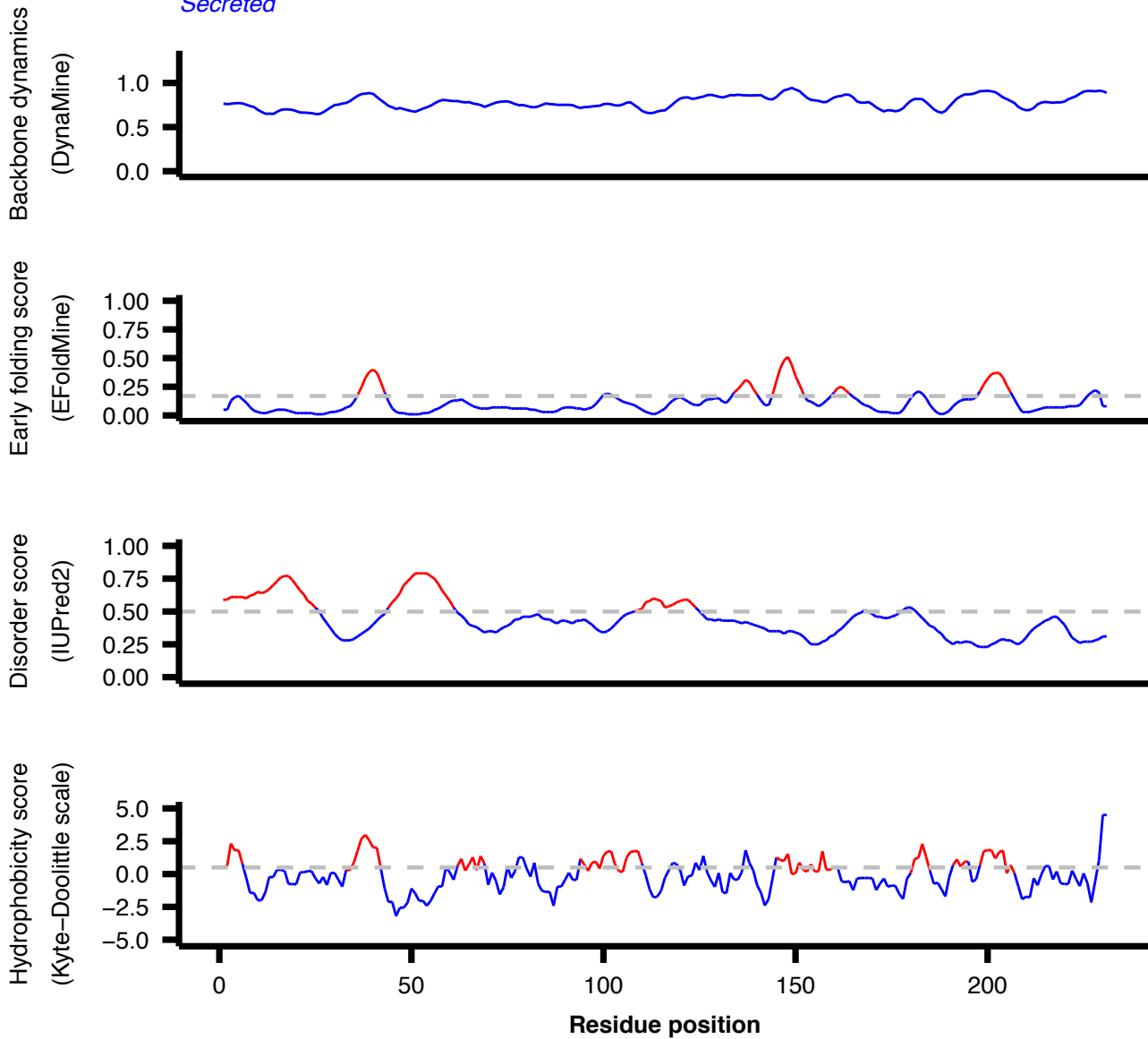
# P0ABX2 (FLGC\_ECOLI)

*Secreted*



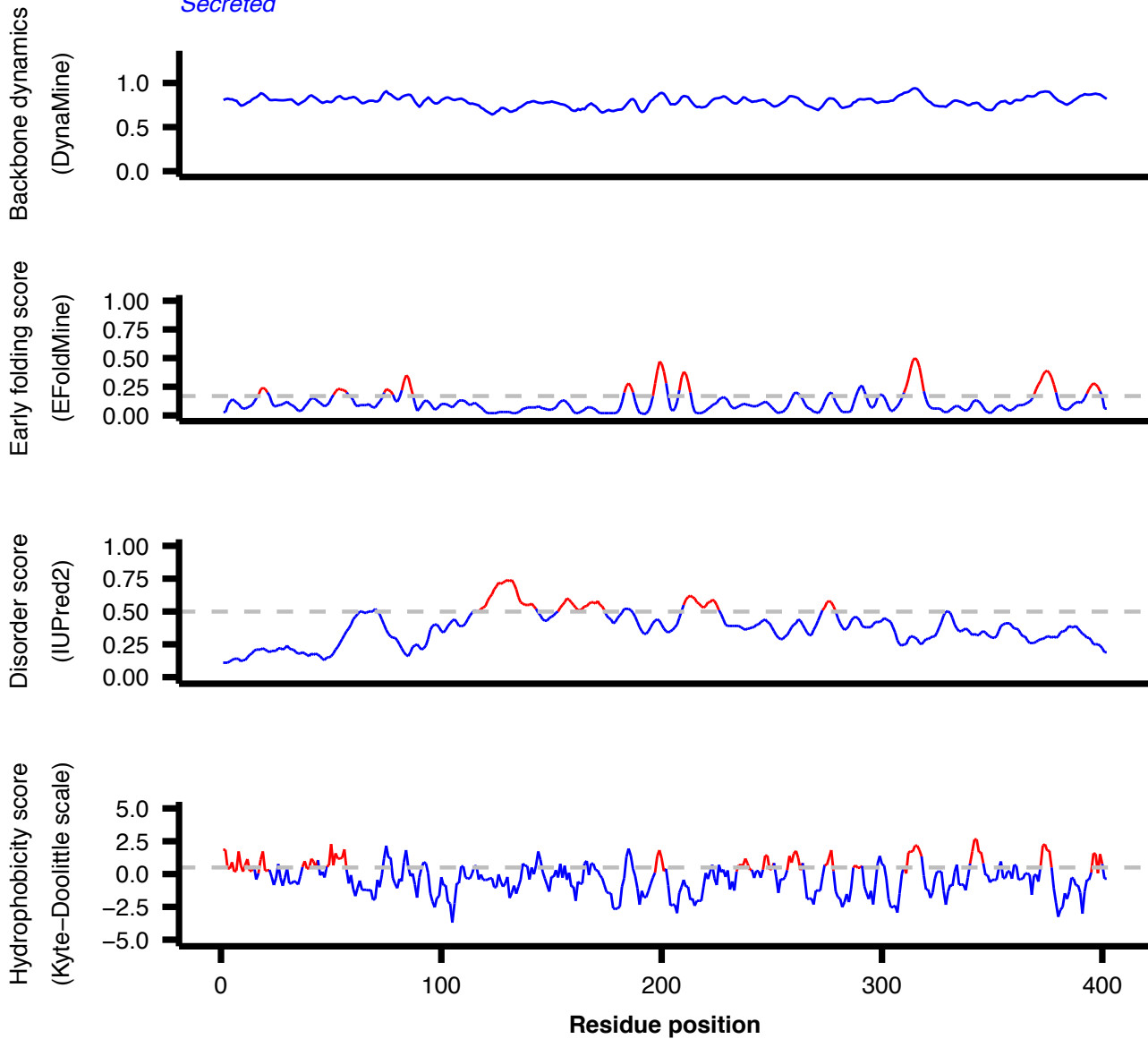
# P75936 (FLGD\_ECOLI)

*Secreted*



# P75937 (FLGE\_ECOLI)

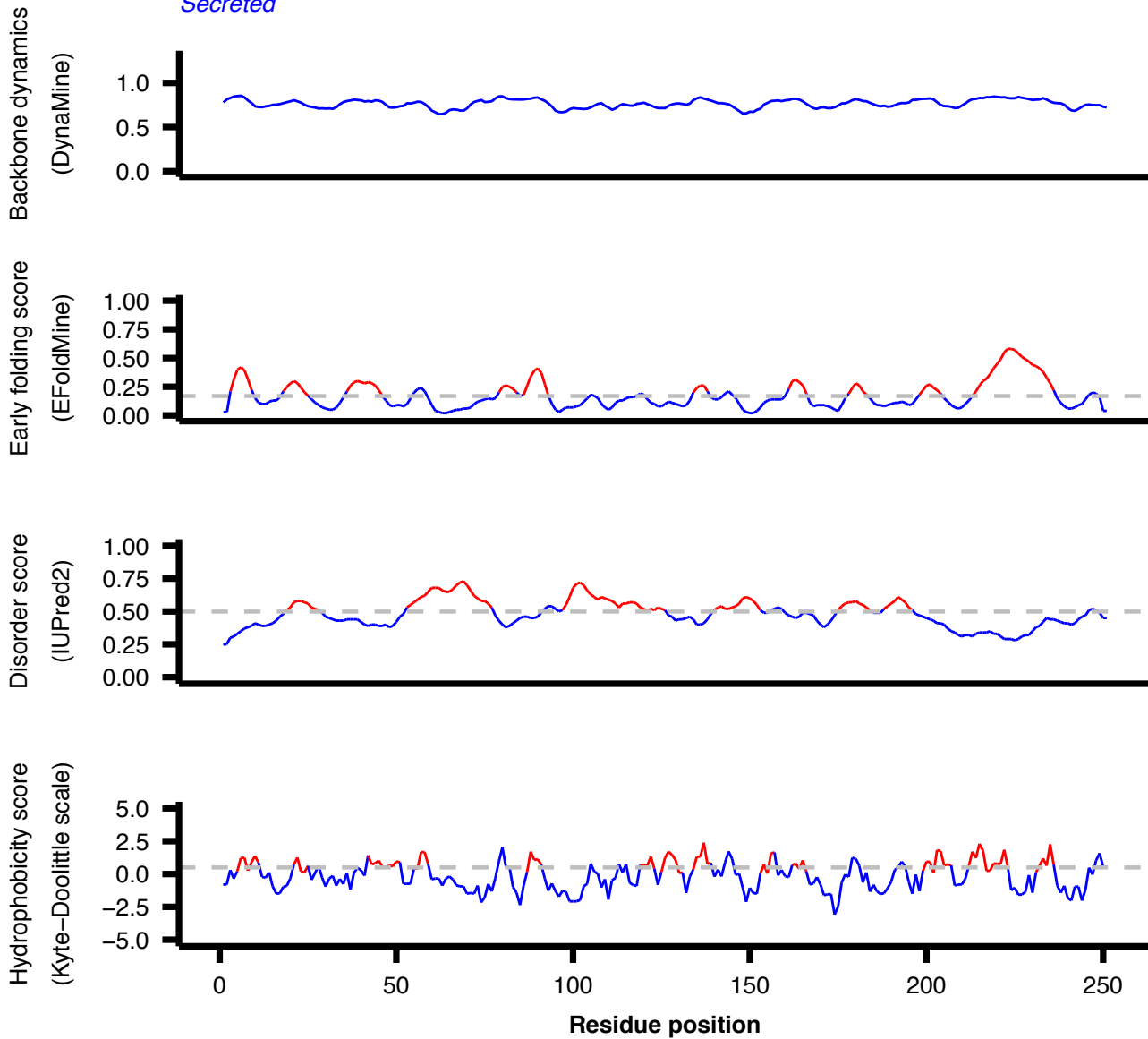
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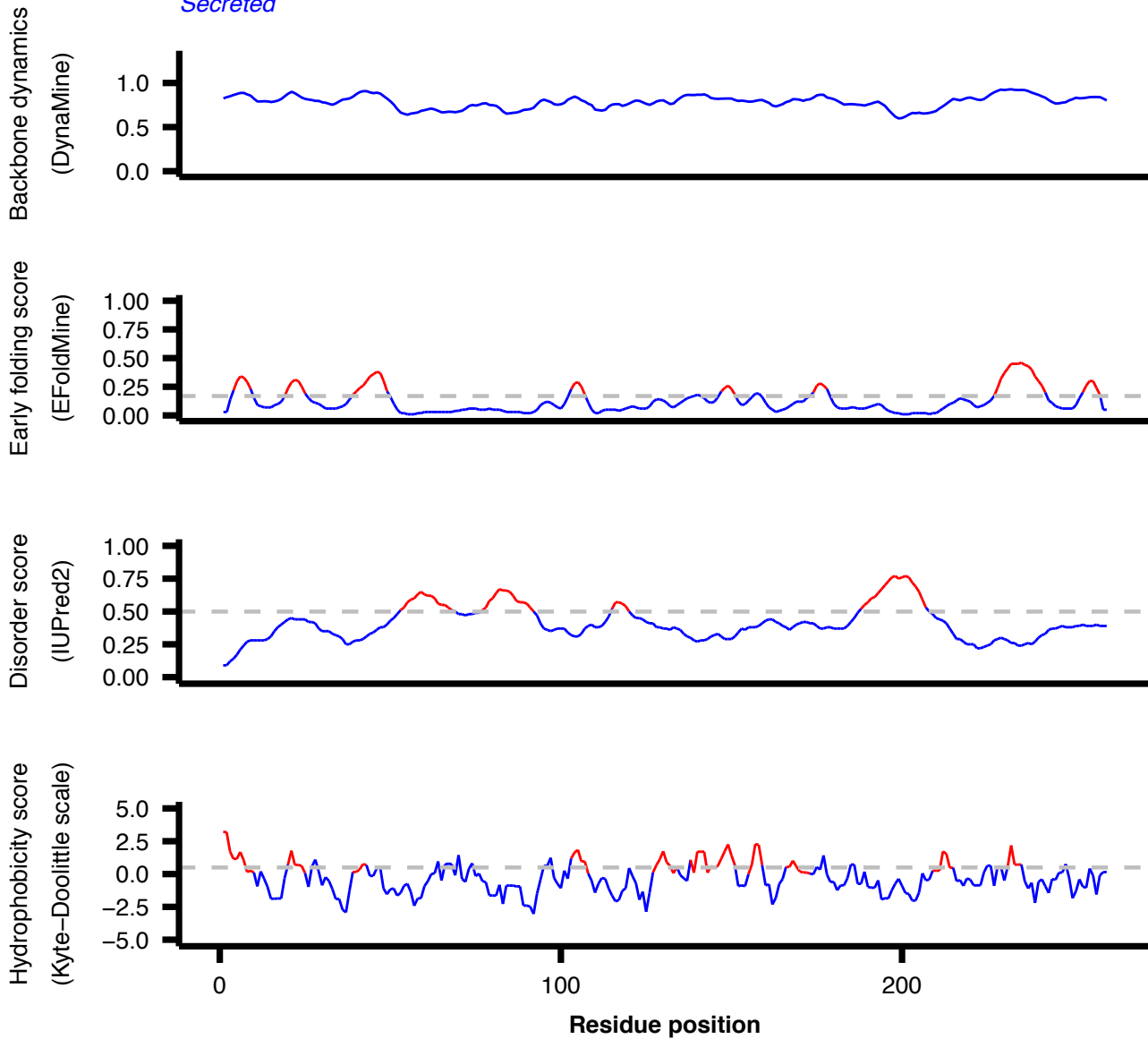
# P75938 (FLGF\_ECOLI)

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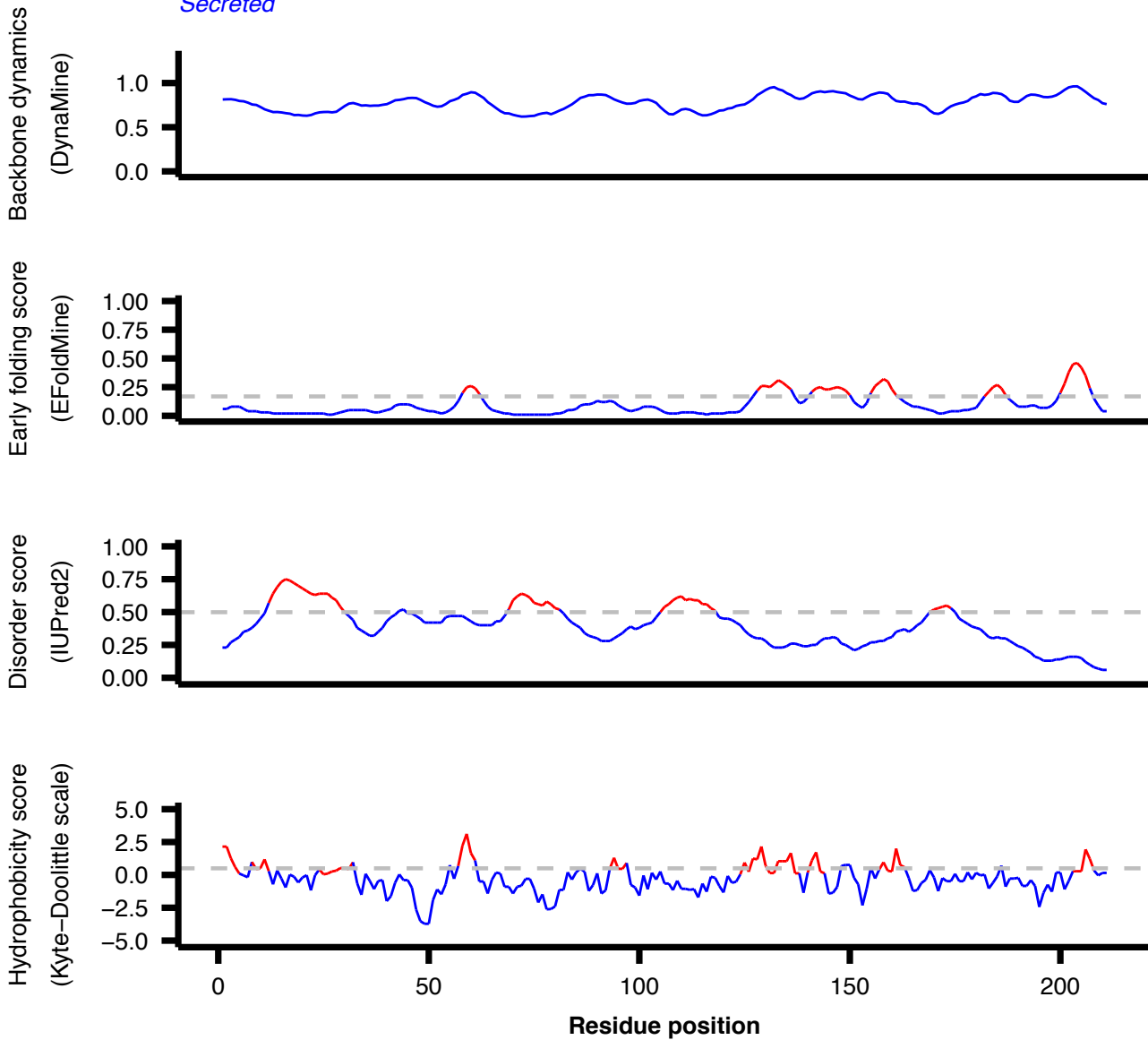
# P0ABX5 (FLGG\_ECOLI)

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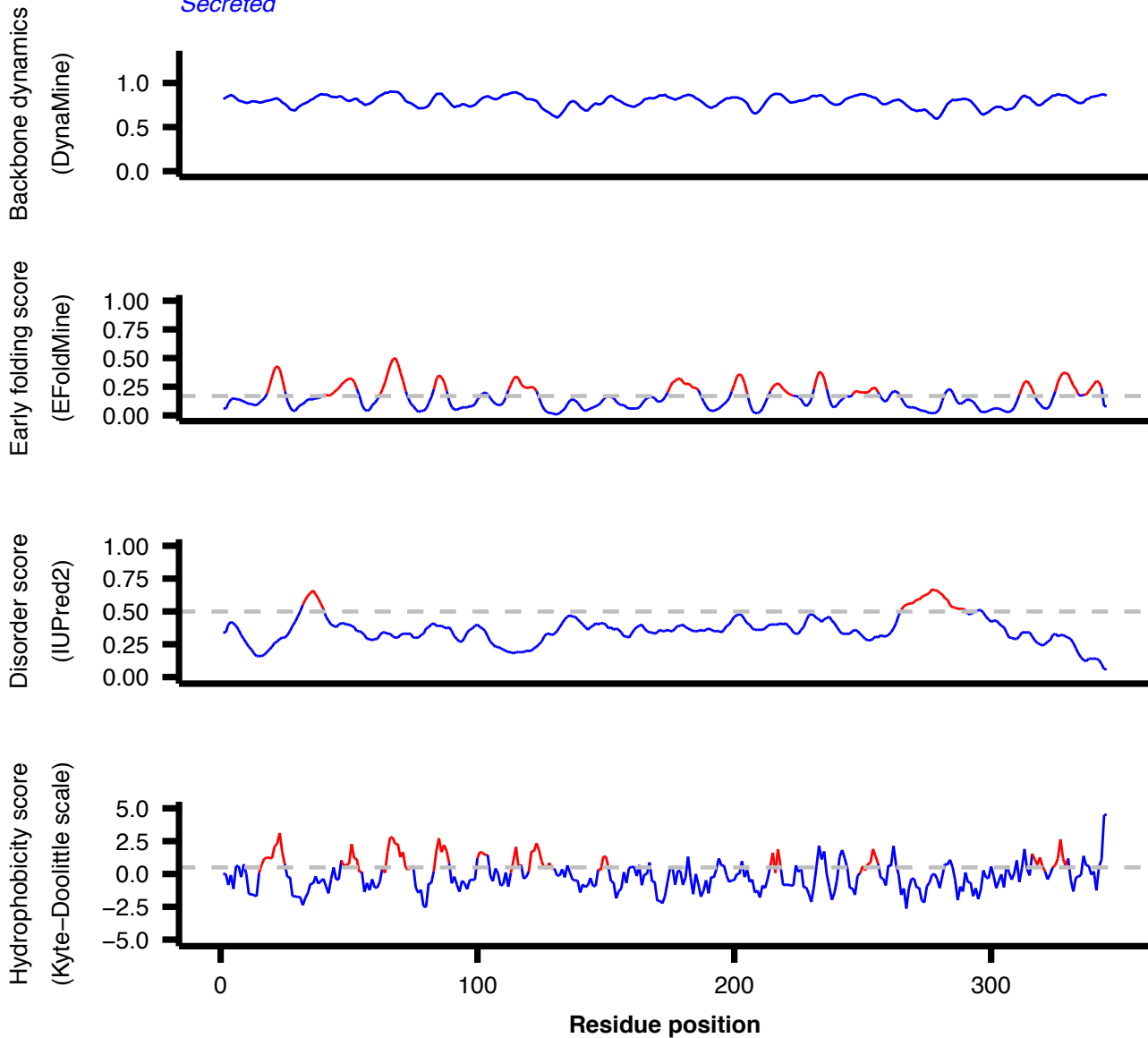
# P0A6S0 (FLGH\_ECOLI)

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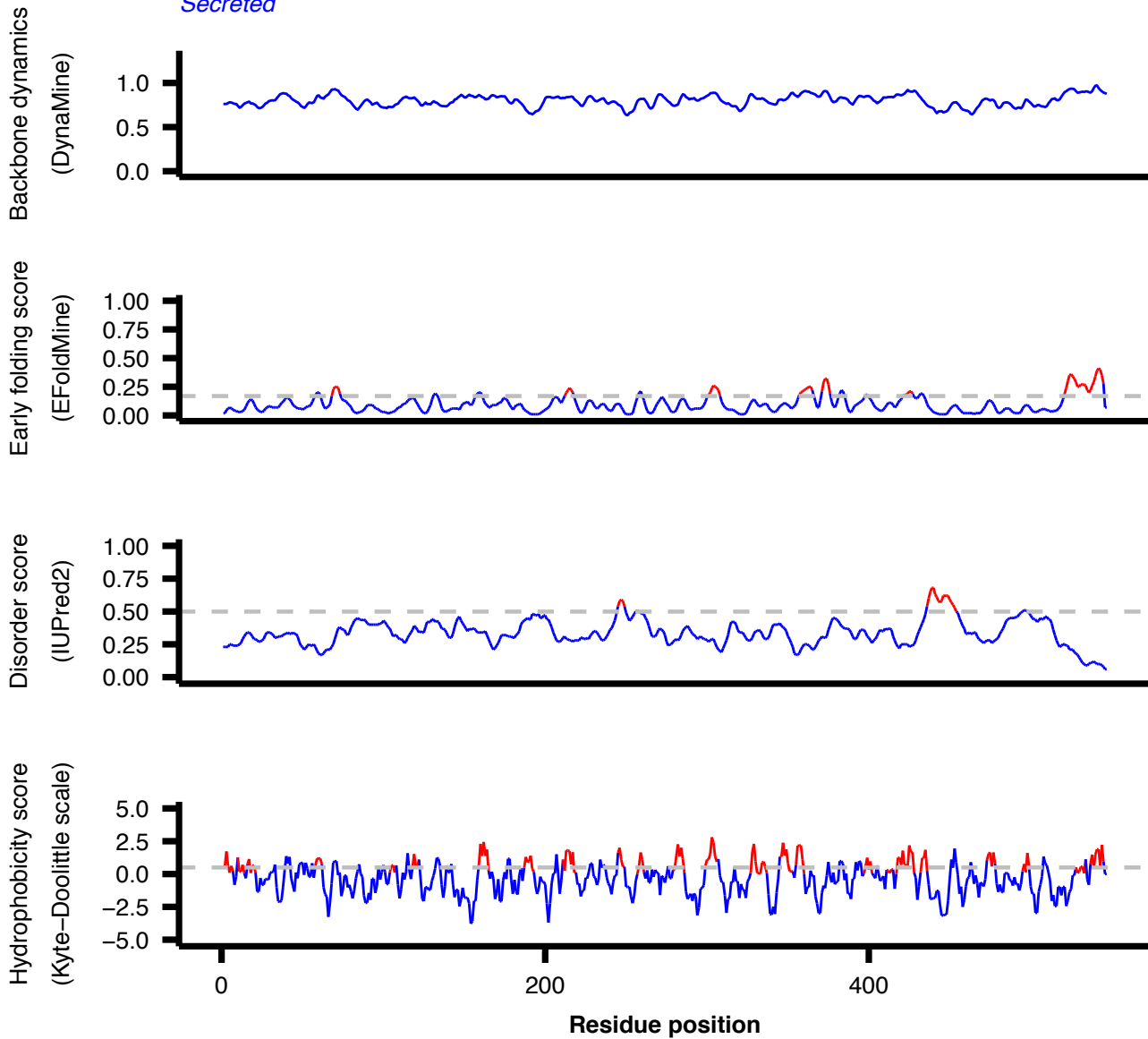
# P0A6S3 (FLGI\_ECOLI)

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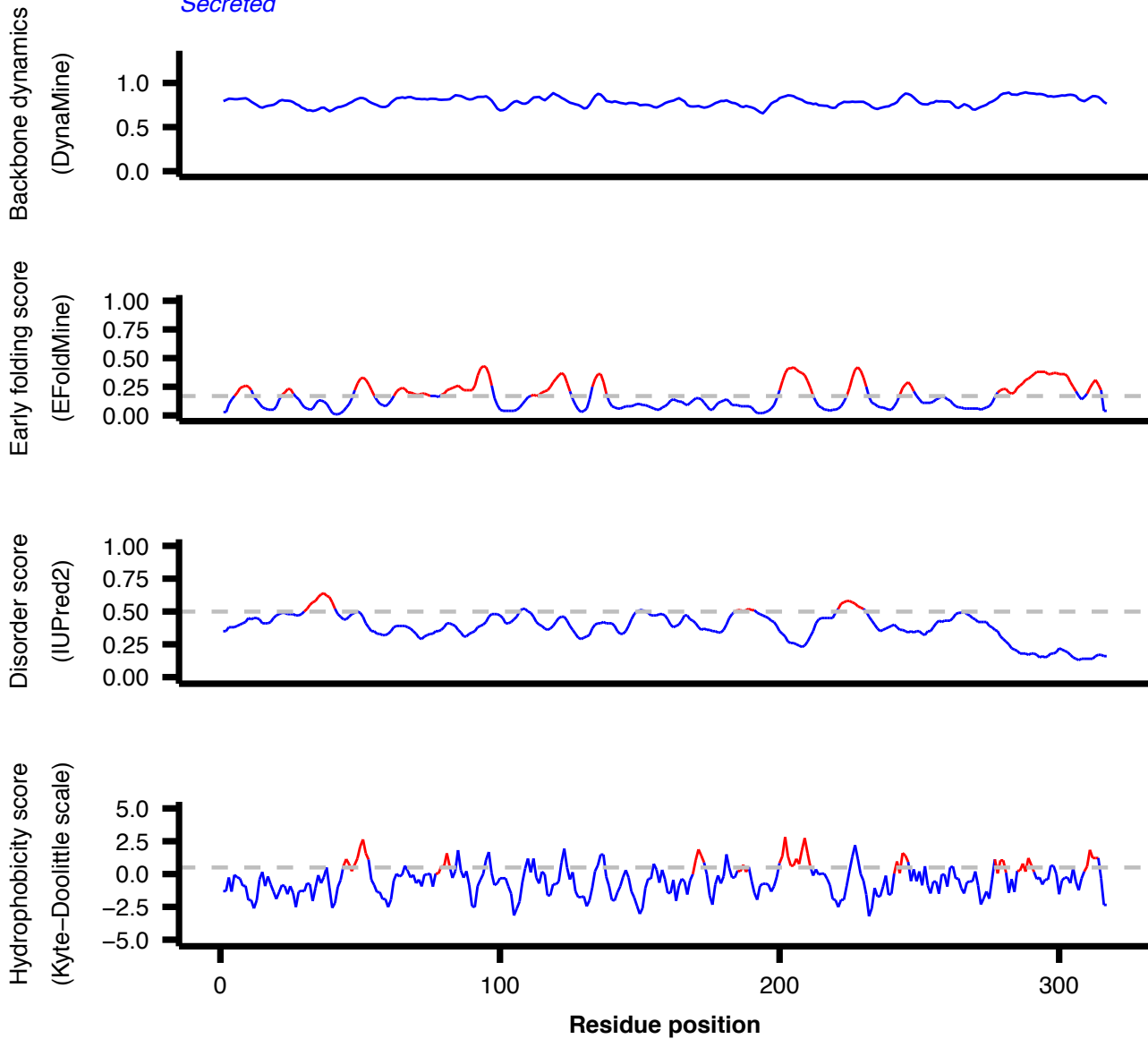
# P33235 (FLGK\_ECOLI)

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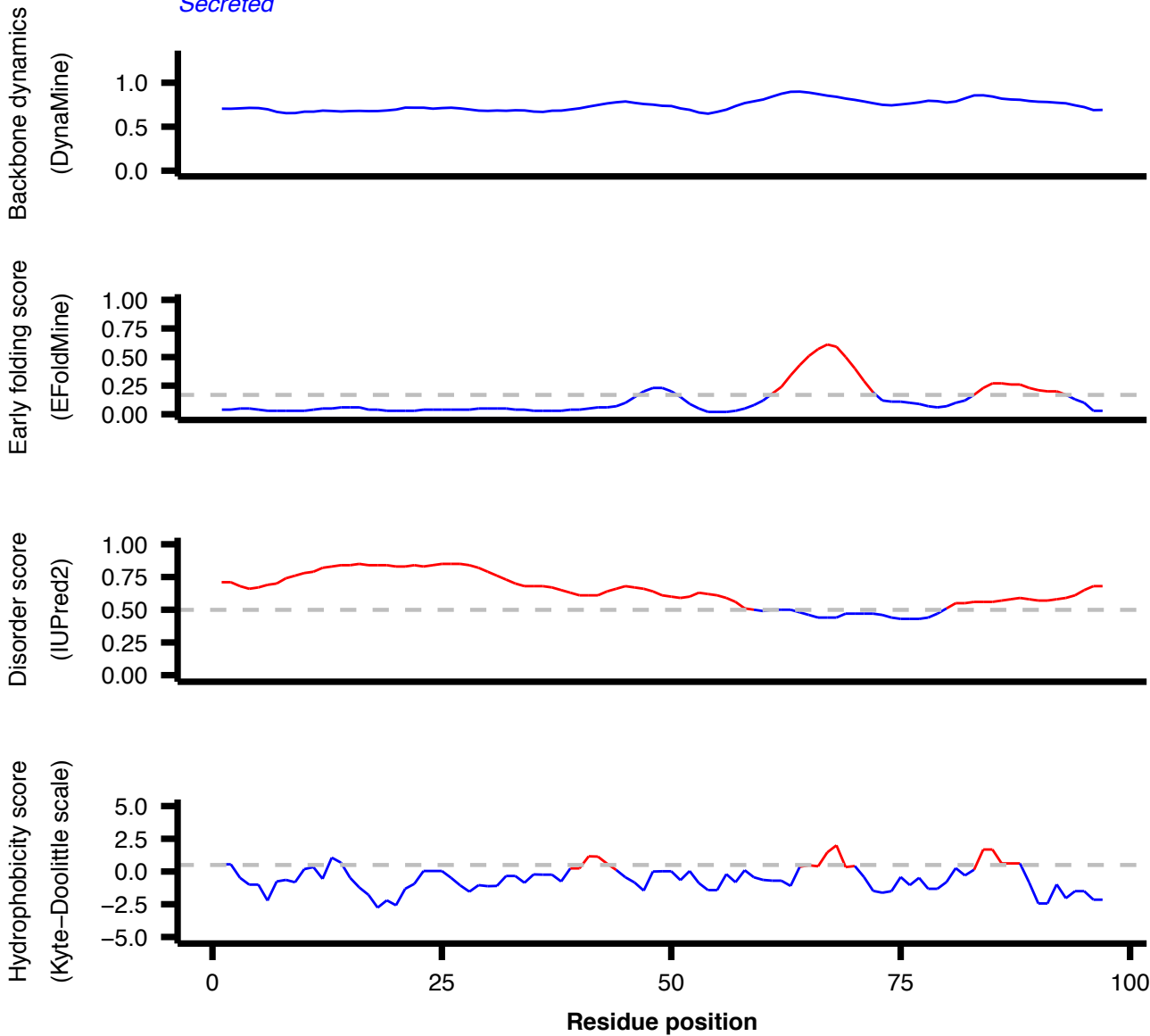
# P29744 (FLGL\_ECOLI)

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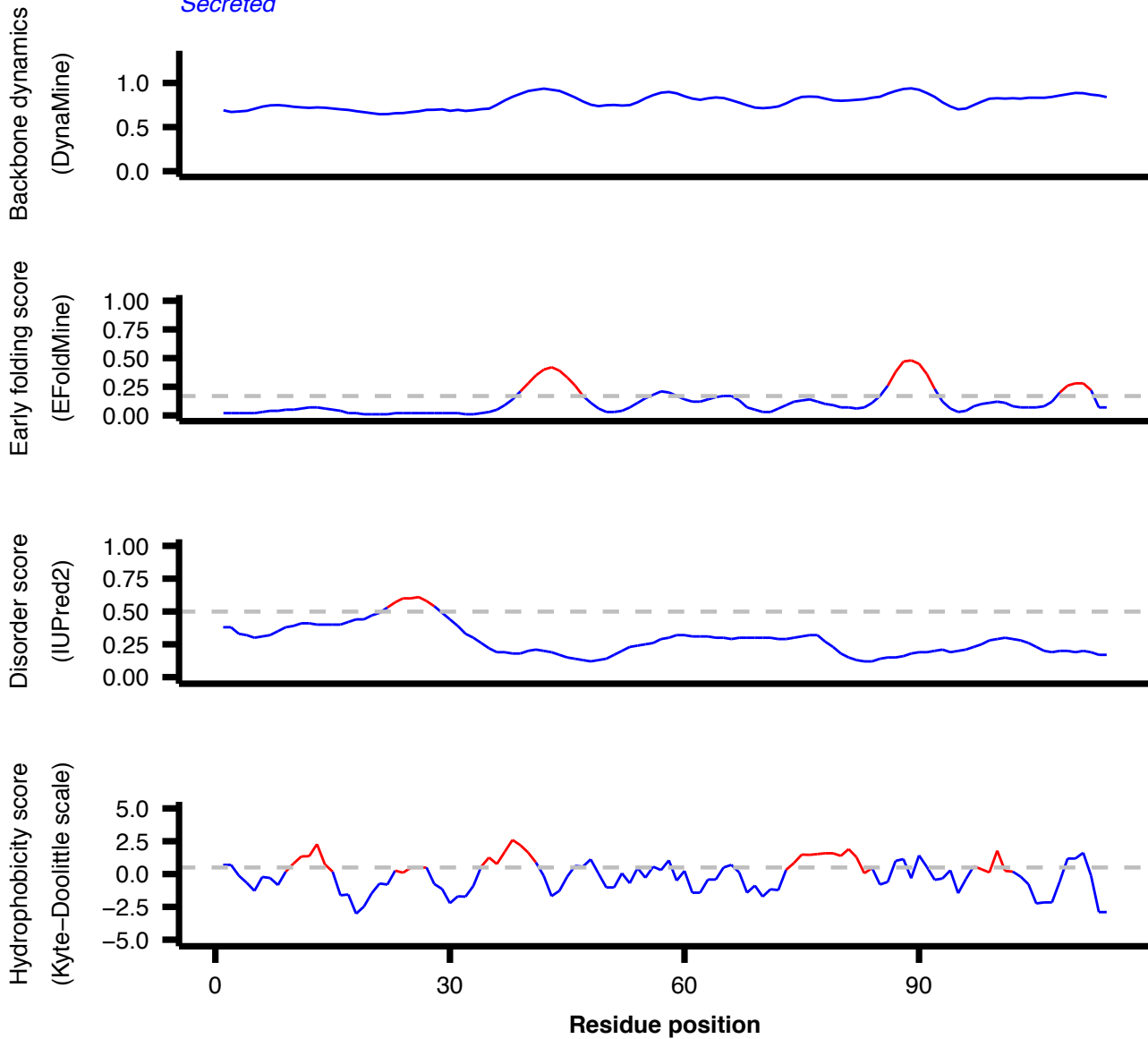
# P0AEM4 (FLGM\_ECOLI)

*Secreted*



# P76297 (FLHE\_ECOLI)

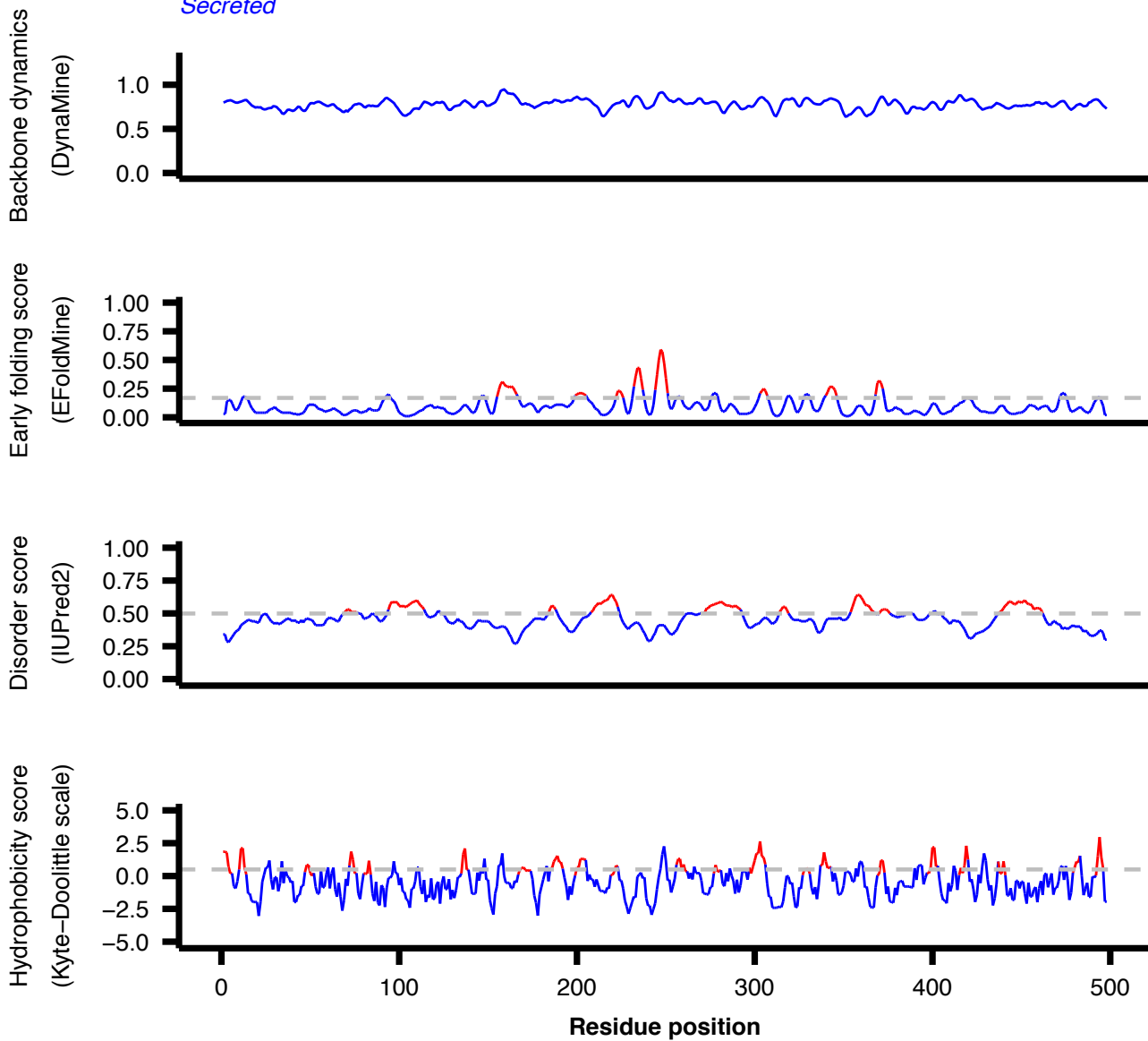
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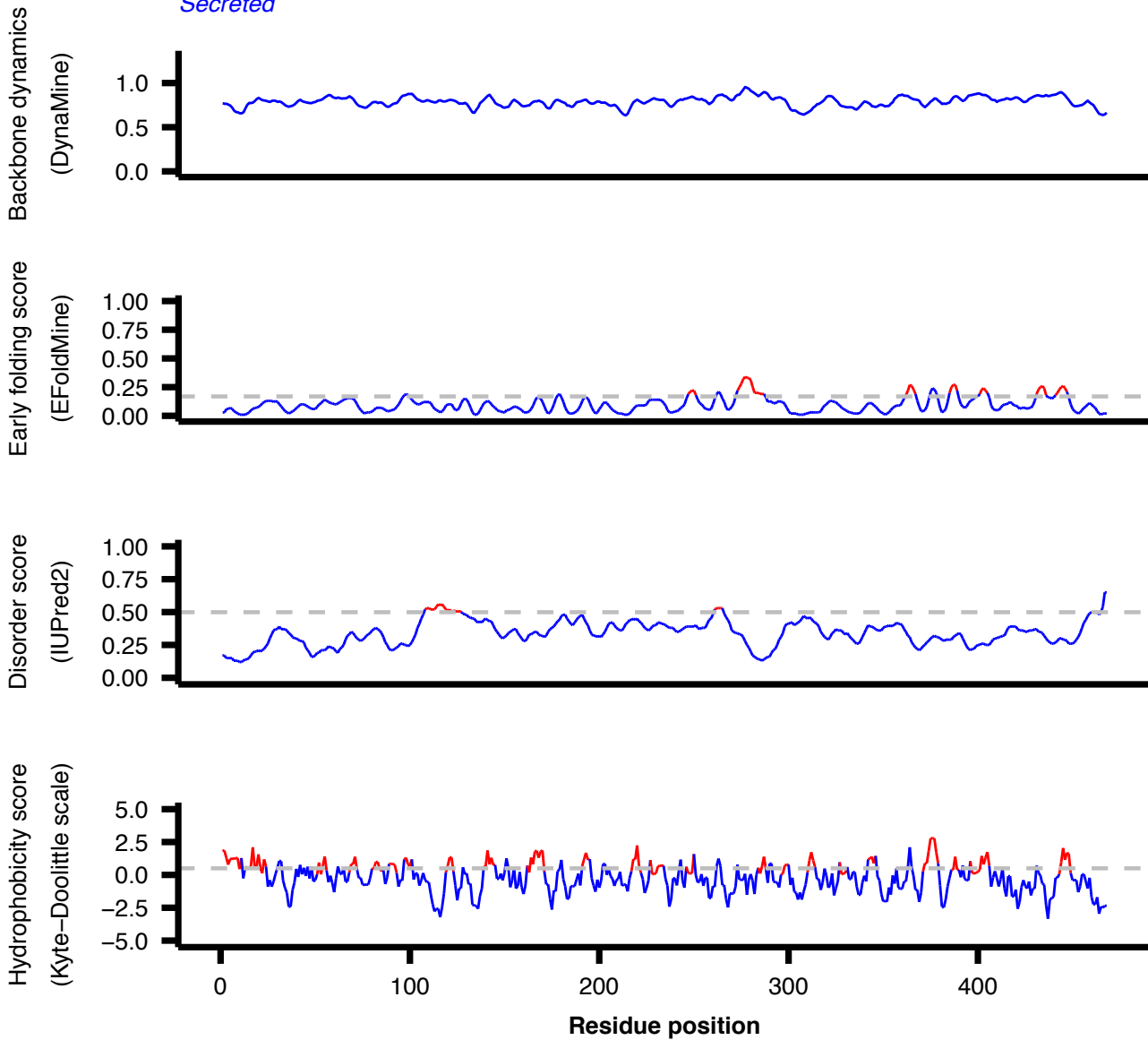
# P04949 (FLIC\_ECOLI)

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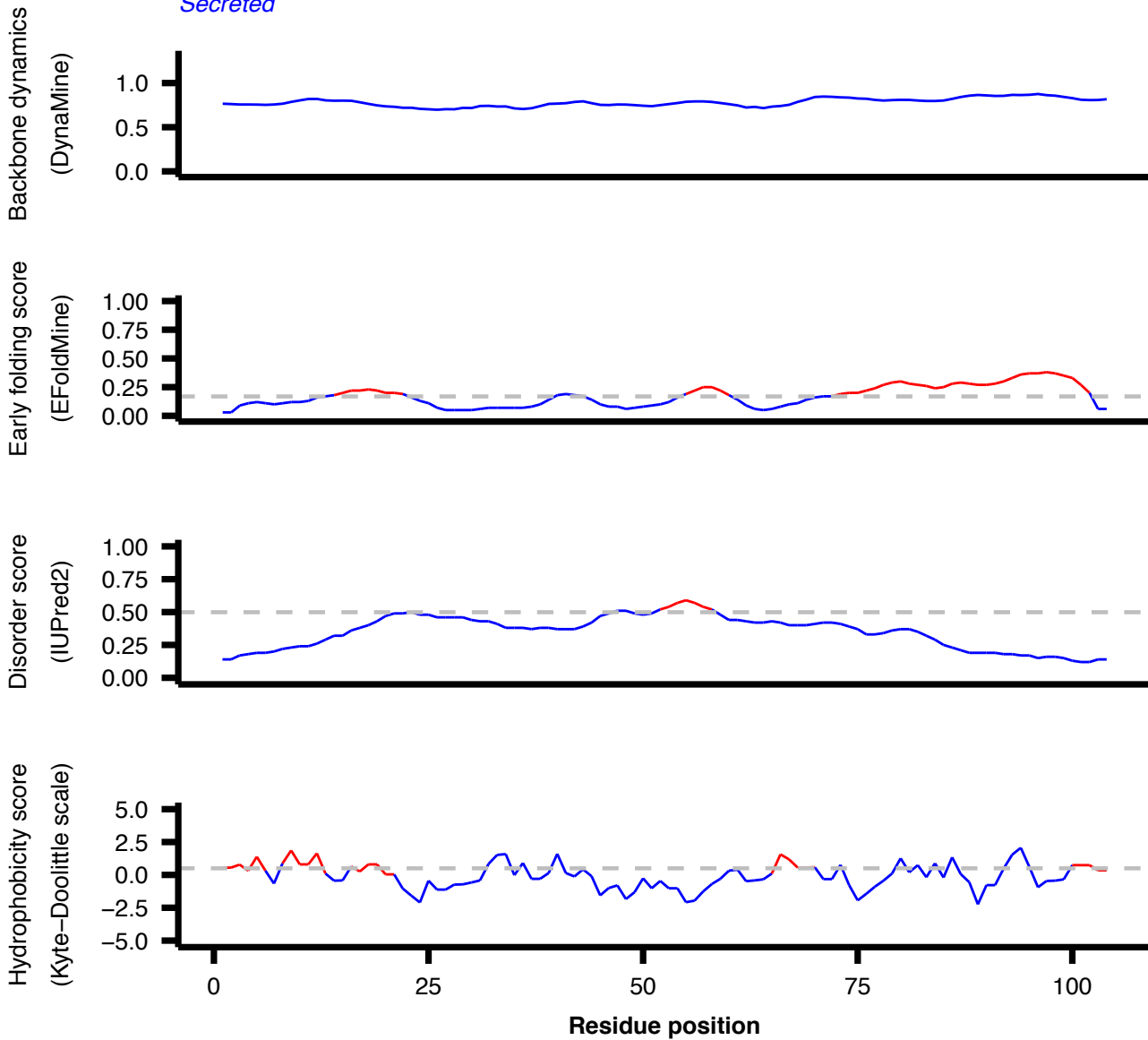
# P24216 (FLID\_ECOLI)

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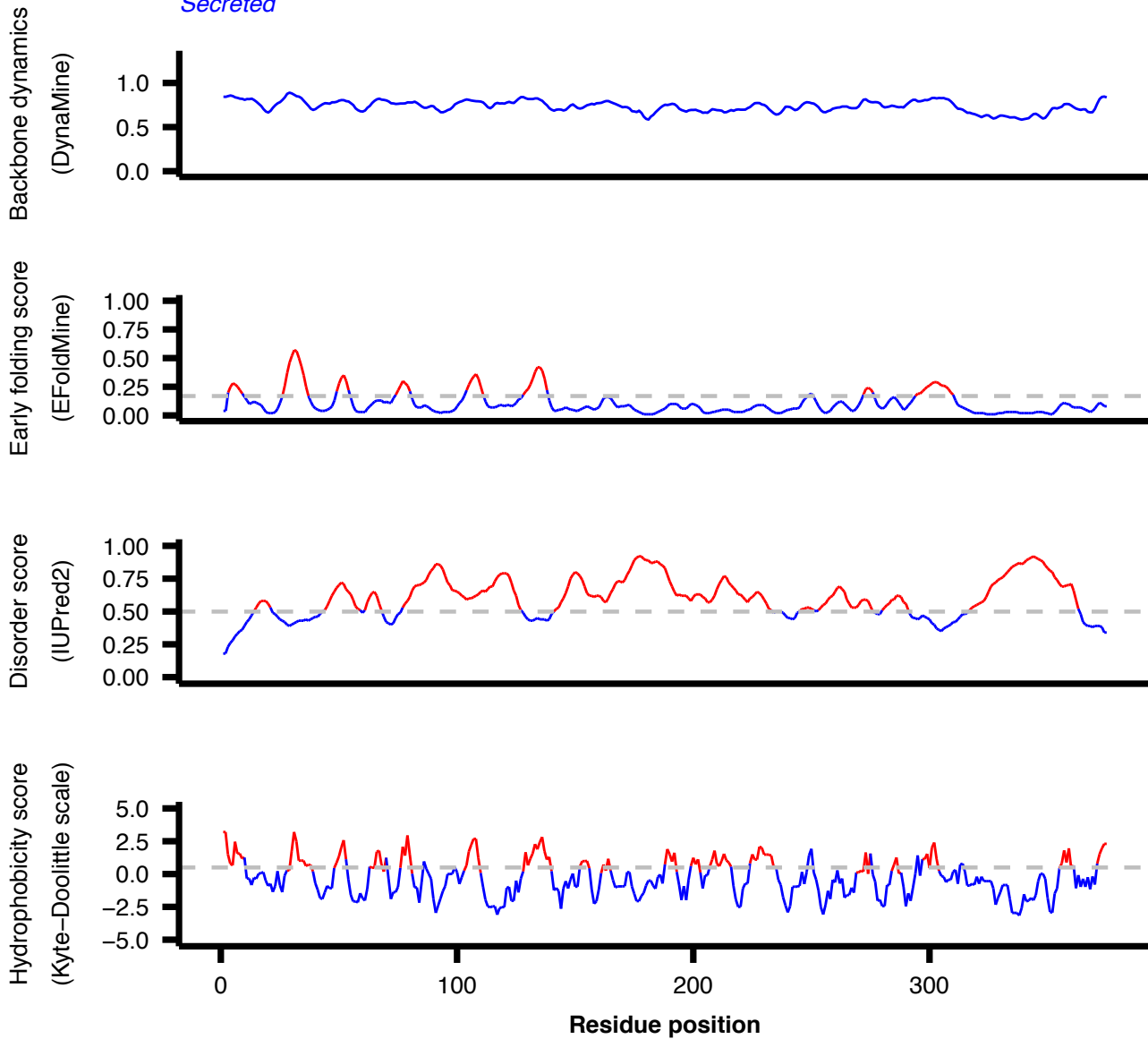
# P0A8T5 (FLIE\_ECOLI)

*Secreted*



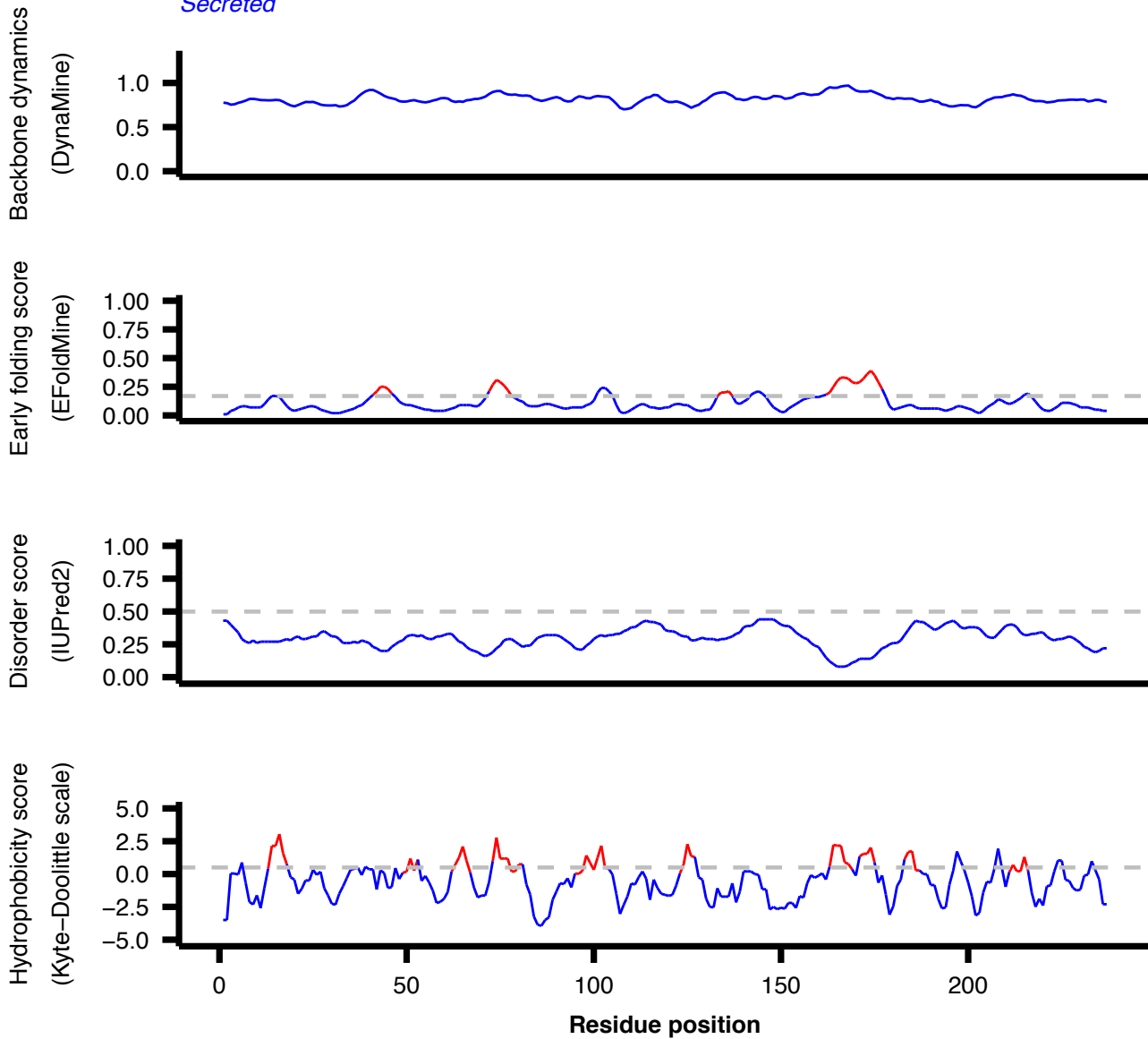
# P52614 (FLIK\_ECOLI)

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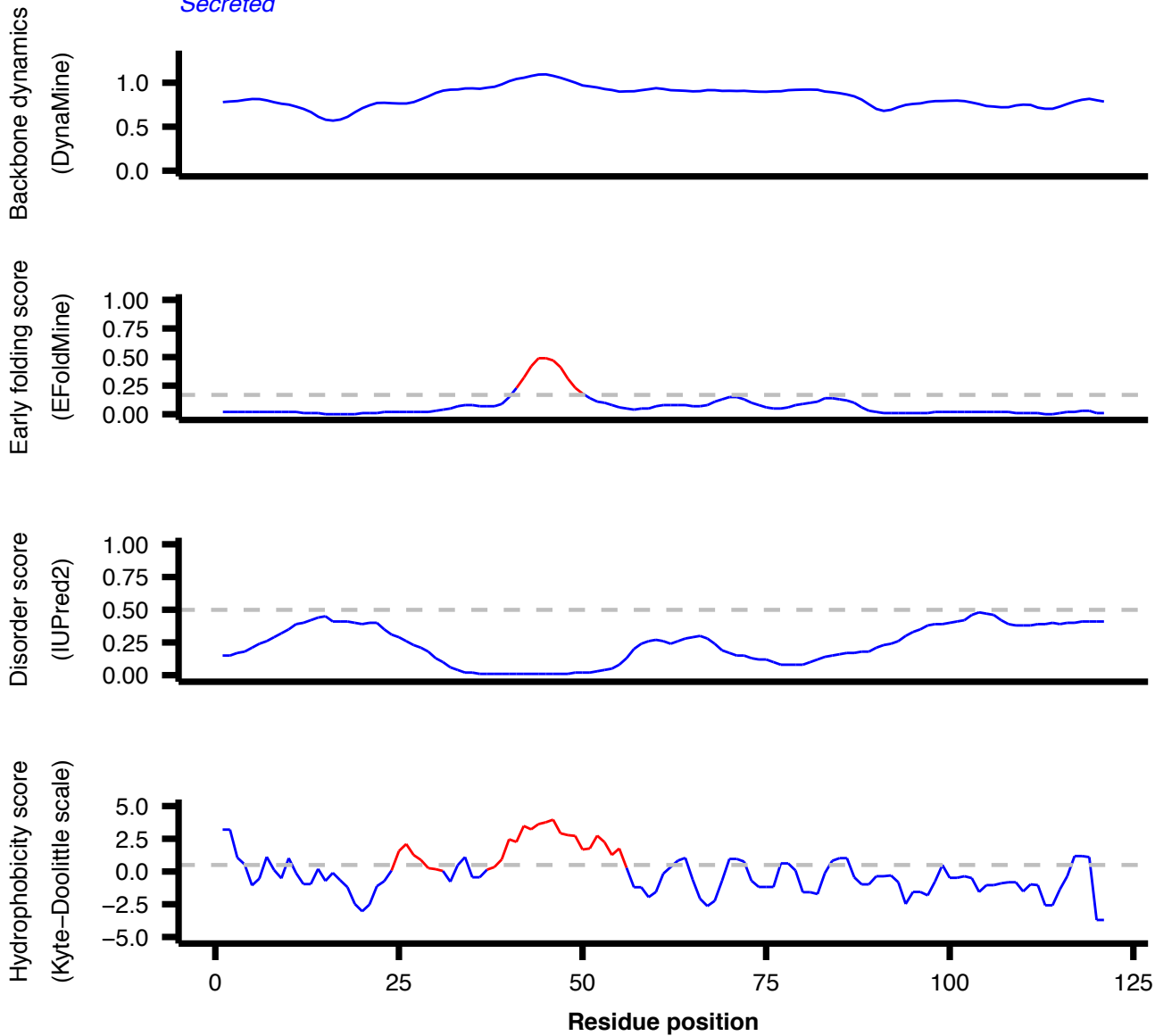
# P0AEM9 (FLIY\_ECOLI)

*Secreted*



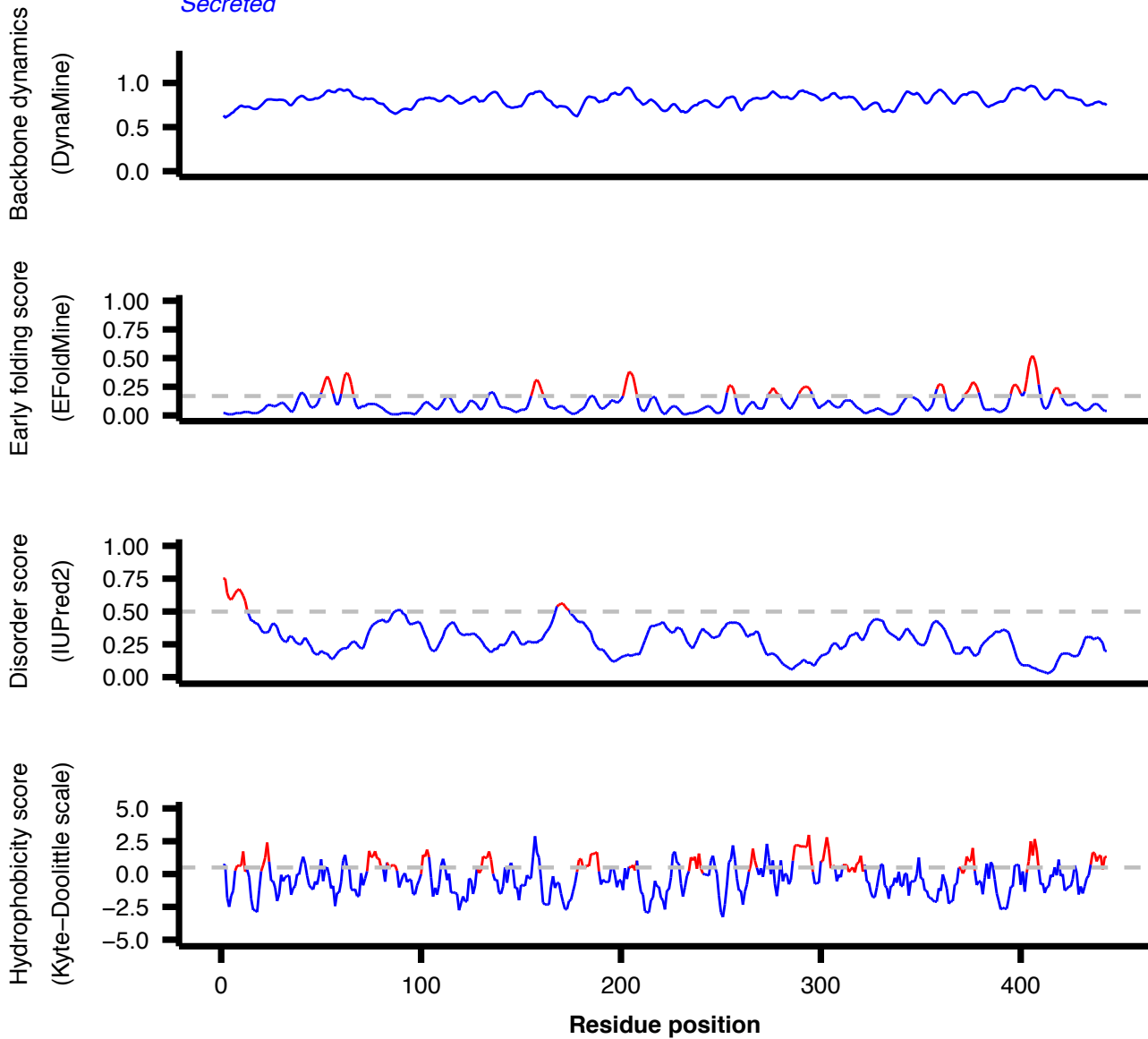
# P0AEN4 (FTSL\_ECOLI)

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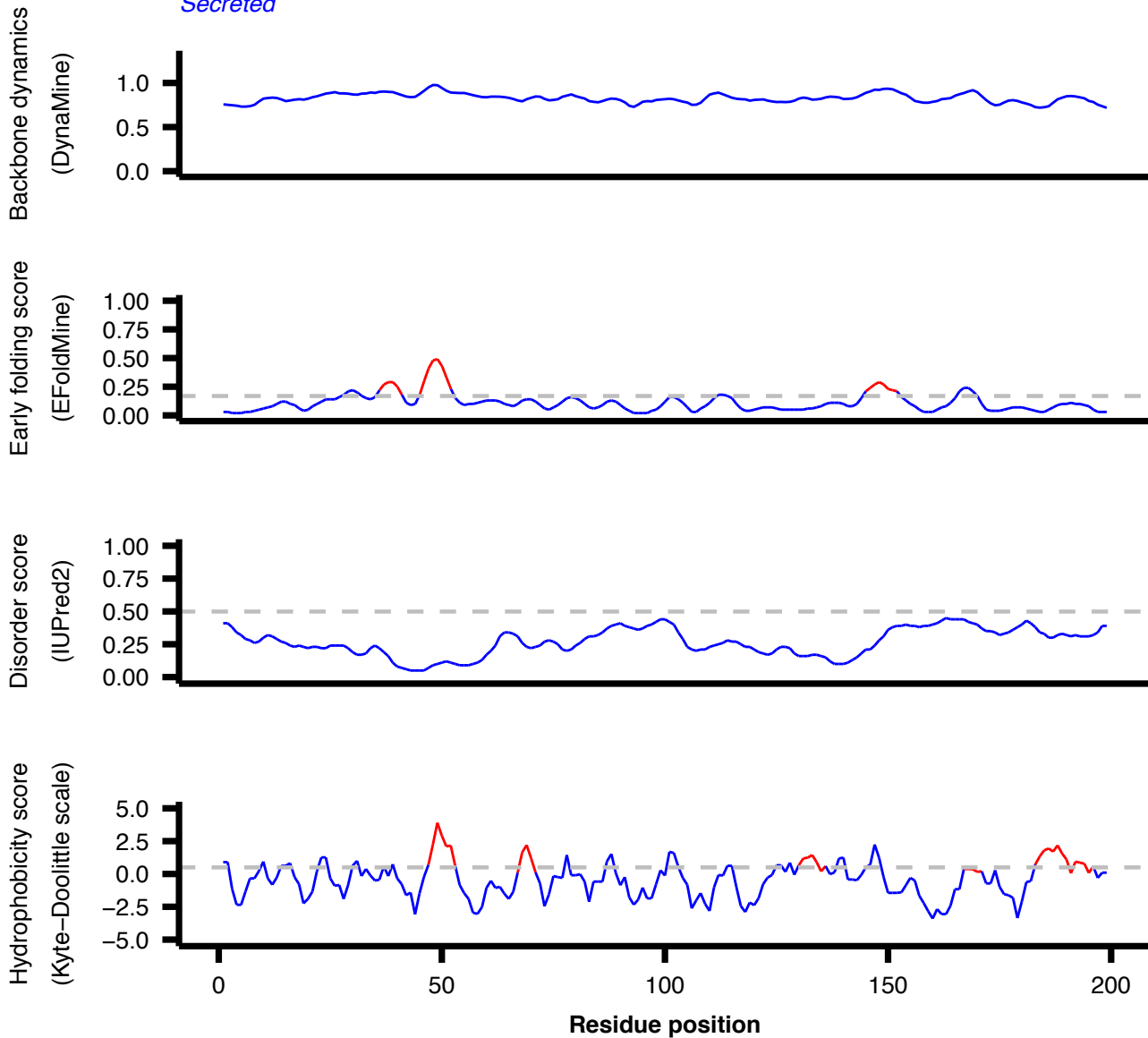
# P26648 (FTSP\_ECOLI)

*Secreted*



# P75884 (GFCB\_ECOLI)

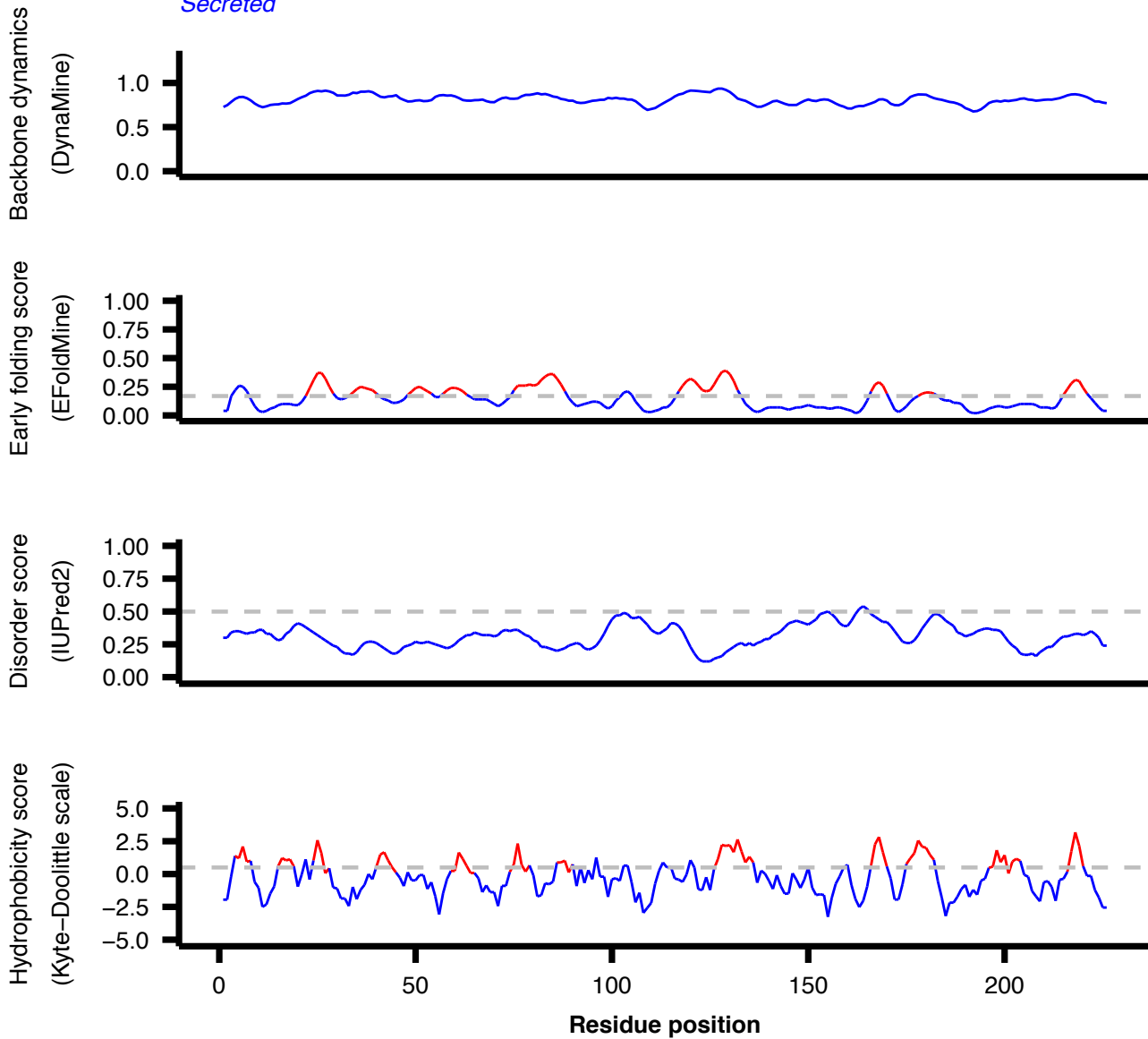
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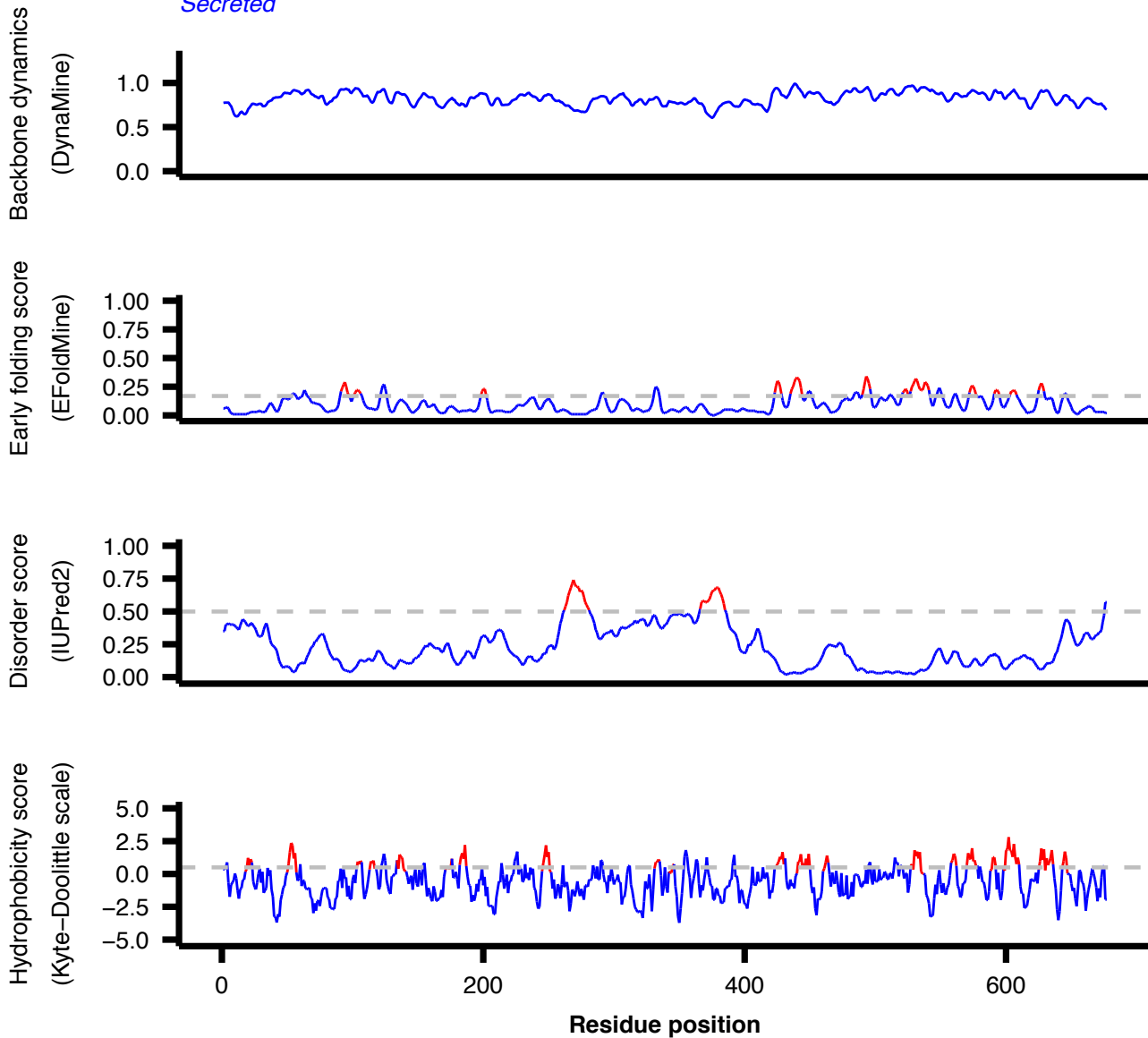
# P75883 (GFCC\_ECOLI)

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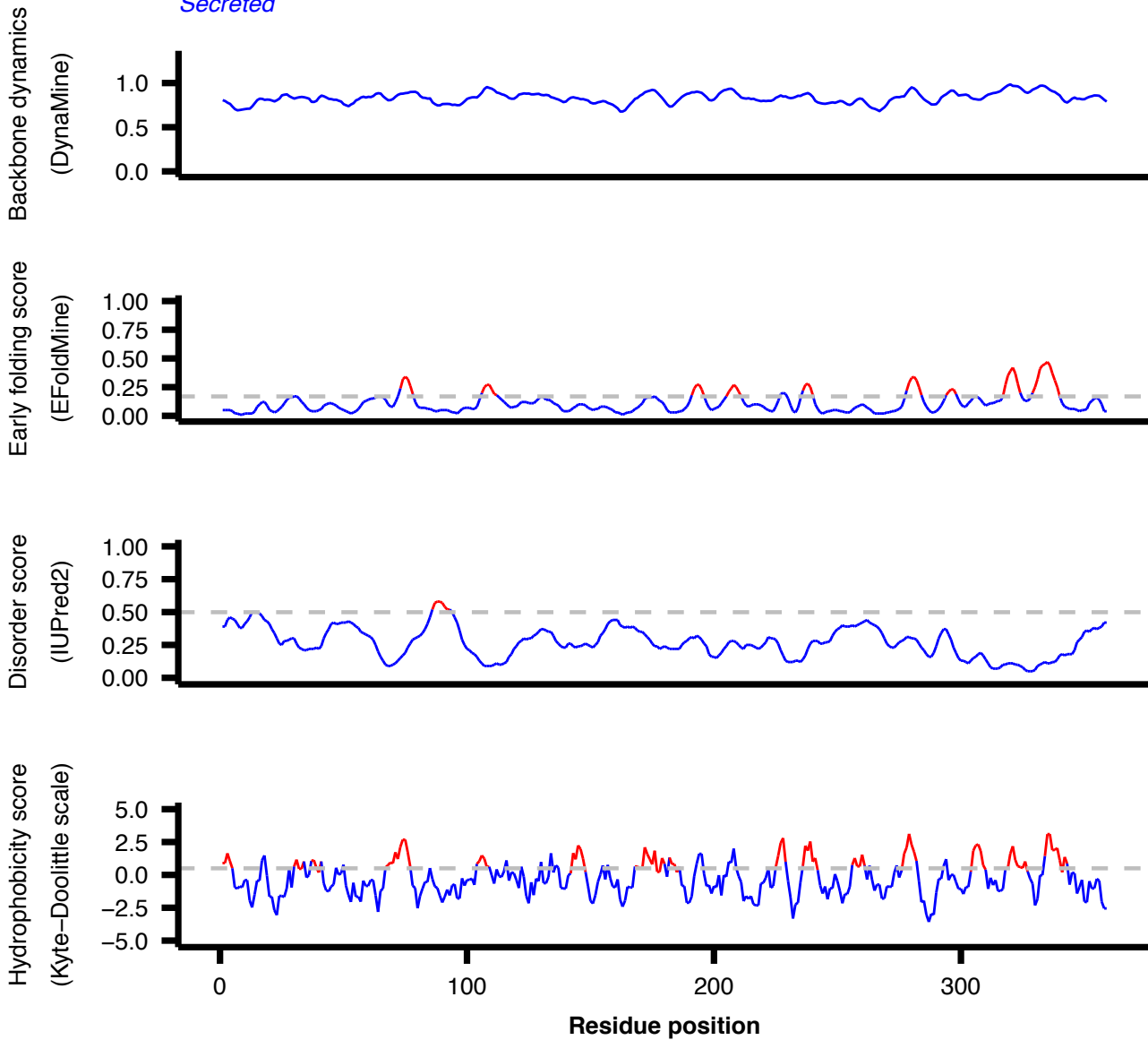
# P75882 (GFCD\_ECOLI)

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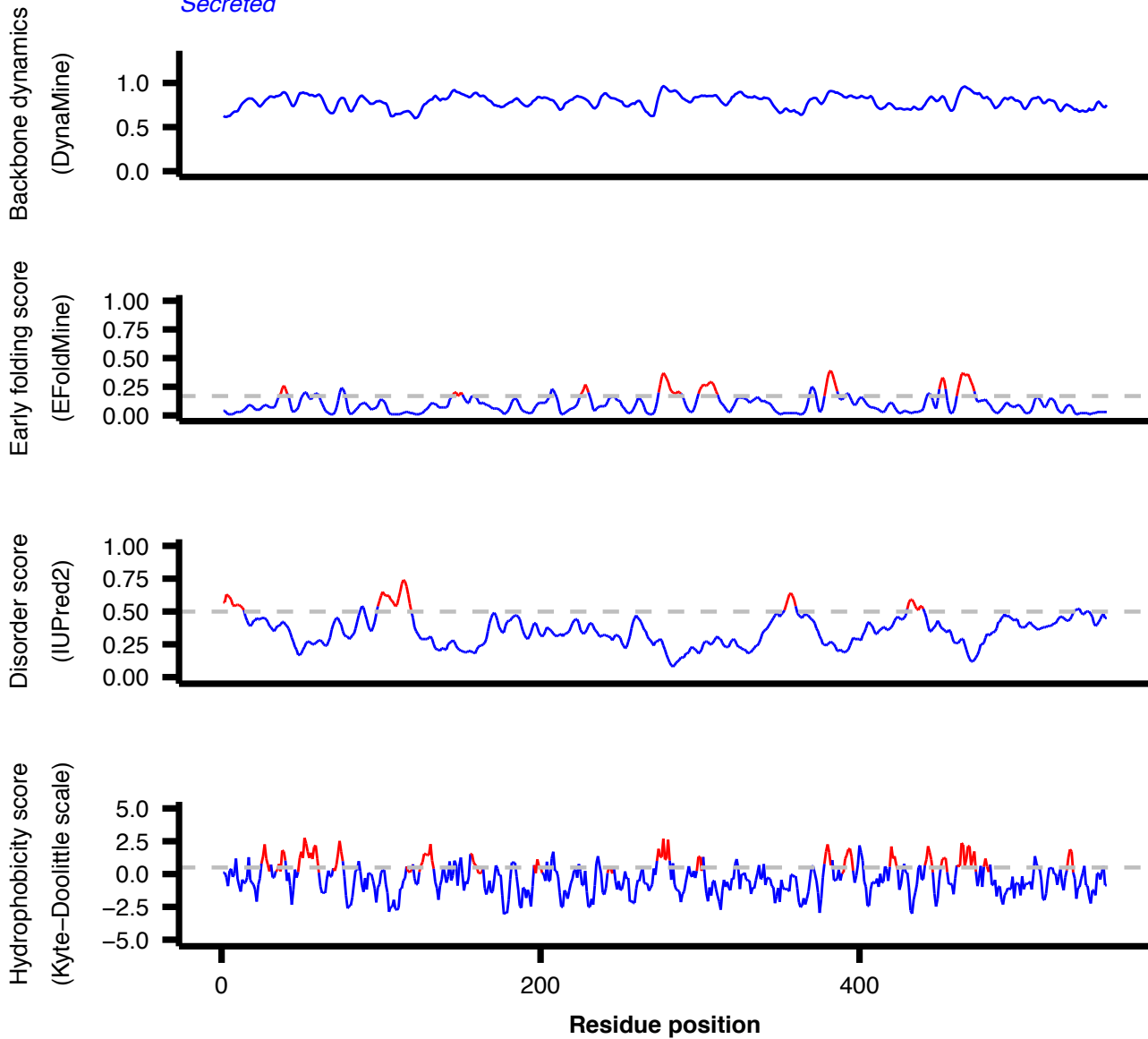
# P0A932 (GFCE\_ECOLI)

*Secreted*



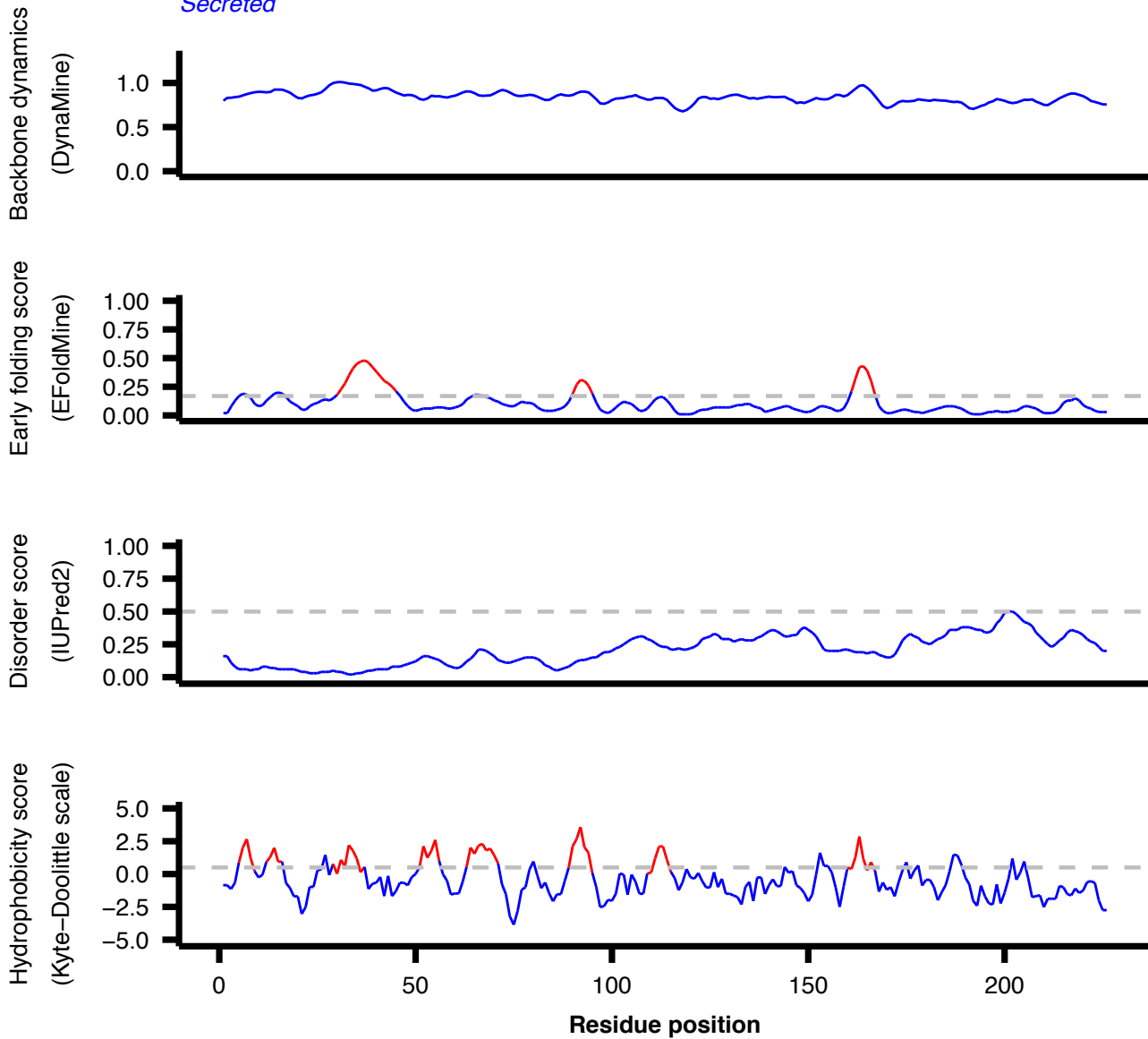
# P18956 (GGT\_ECOLI)

*Secreted*



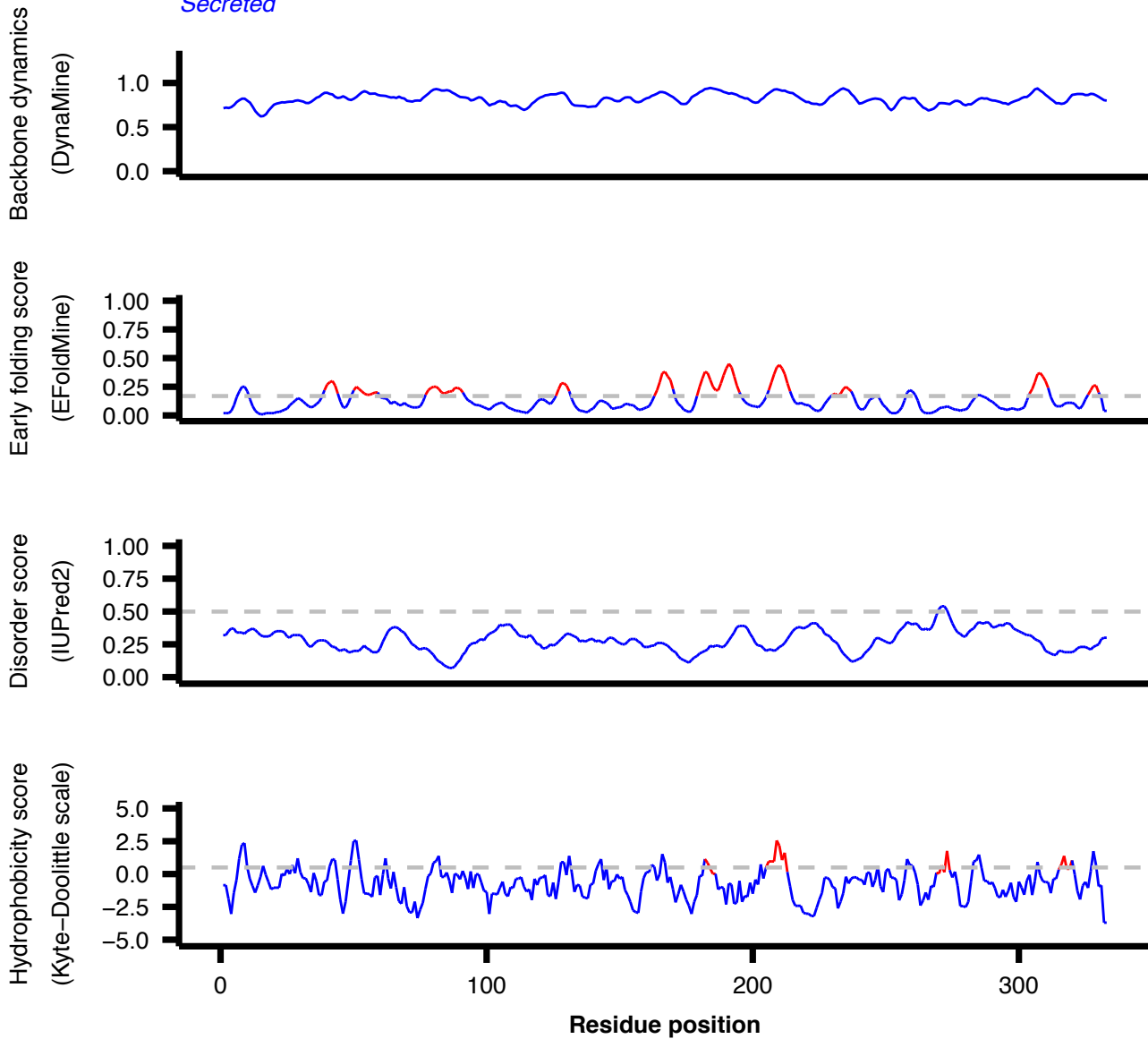
# P0AEQ3 (GLNH\_ECOLI)

*Secreted*



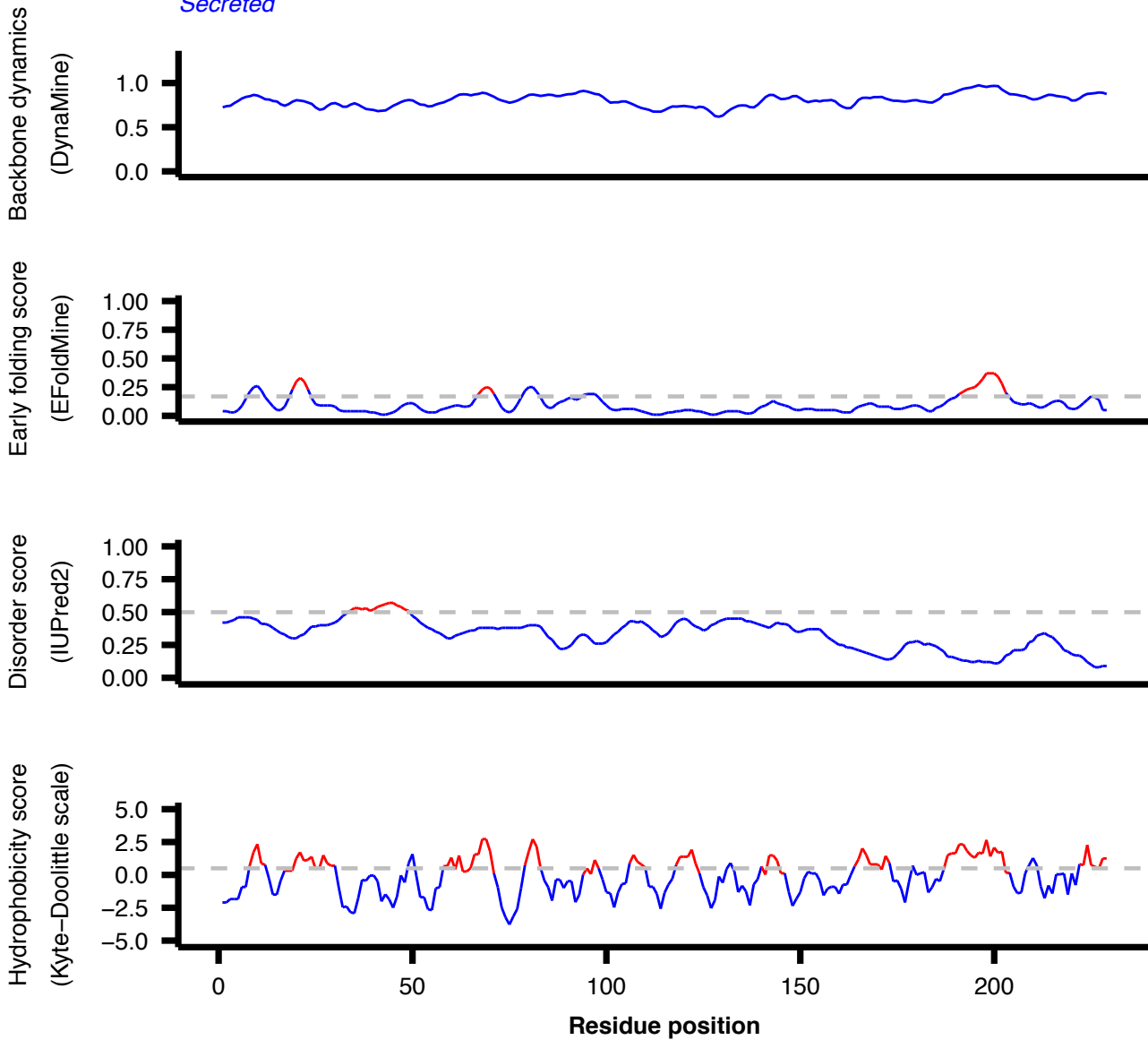
# P09394 (GLPQ\_ECOLI)

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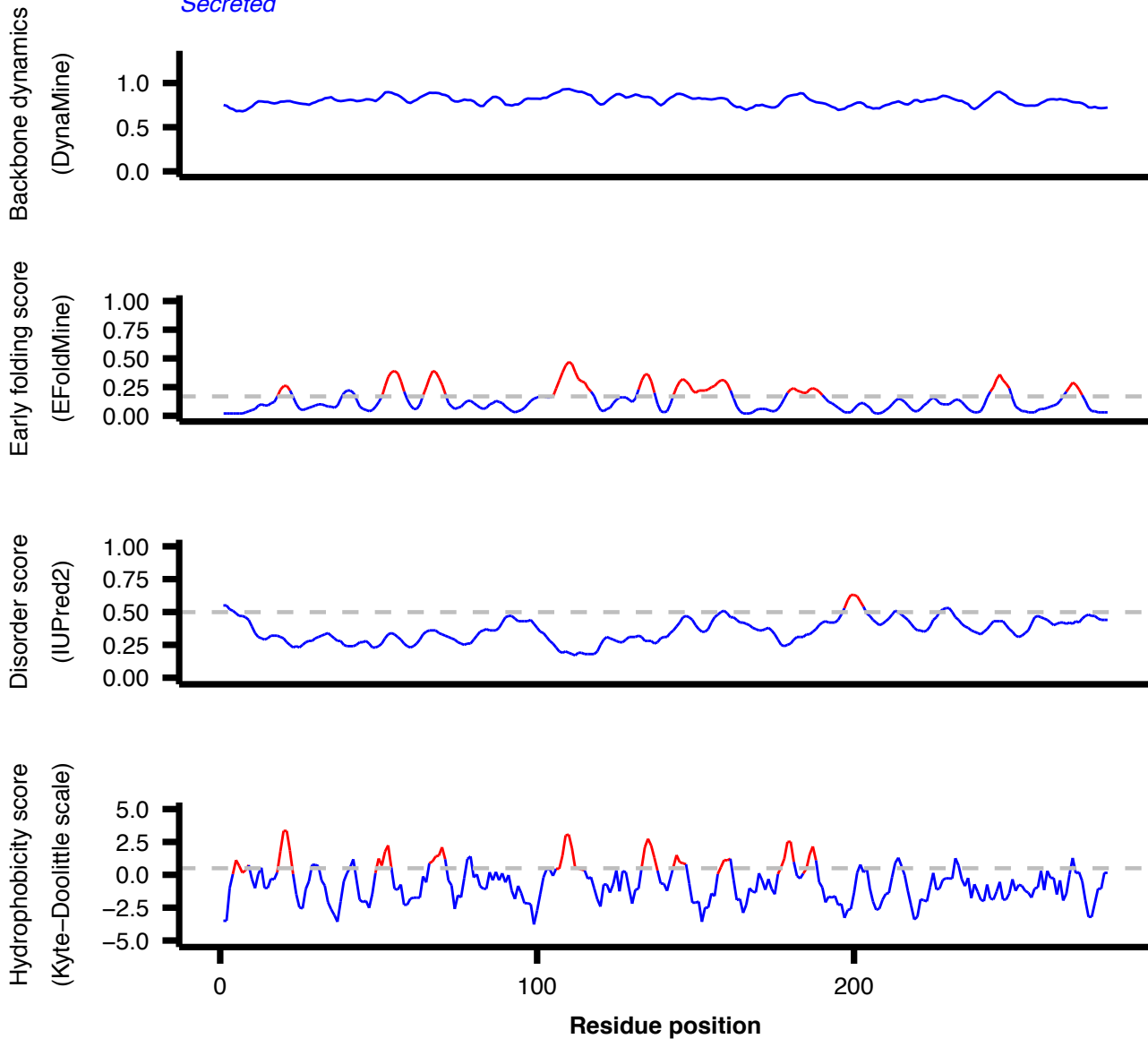
# P28721 (GLTF\_ECOLI)

*Secreted*



# P37902 (GLTI\_ECOLI)

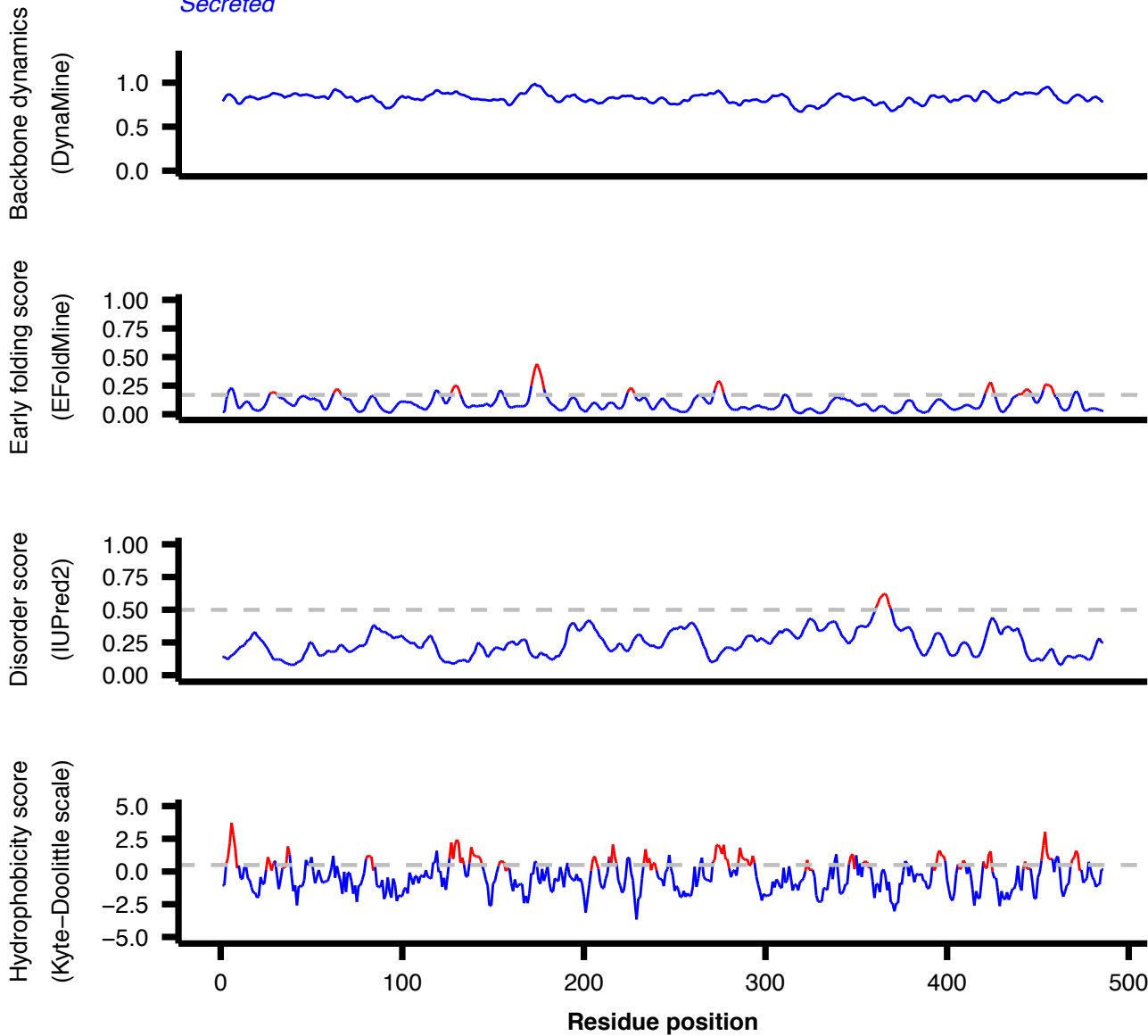
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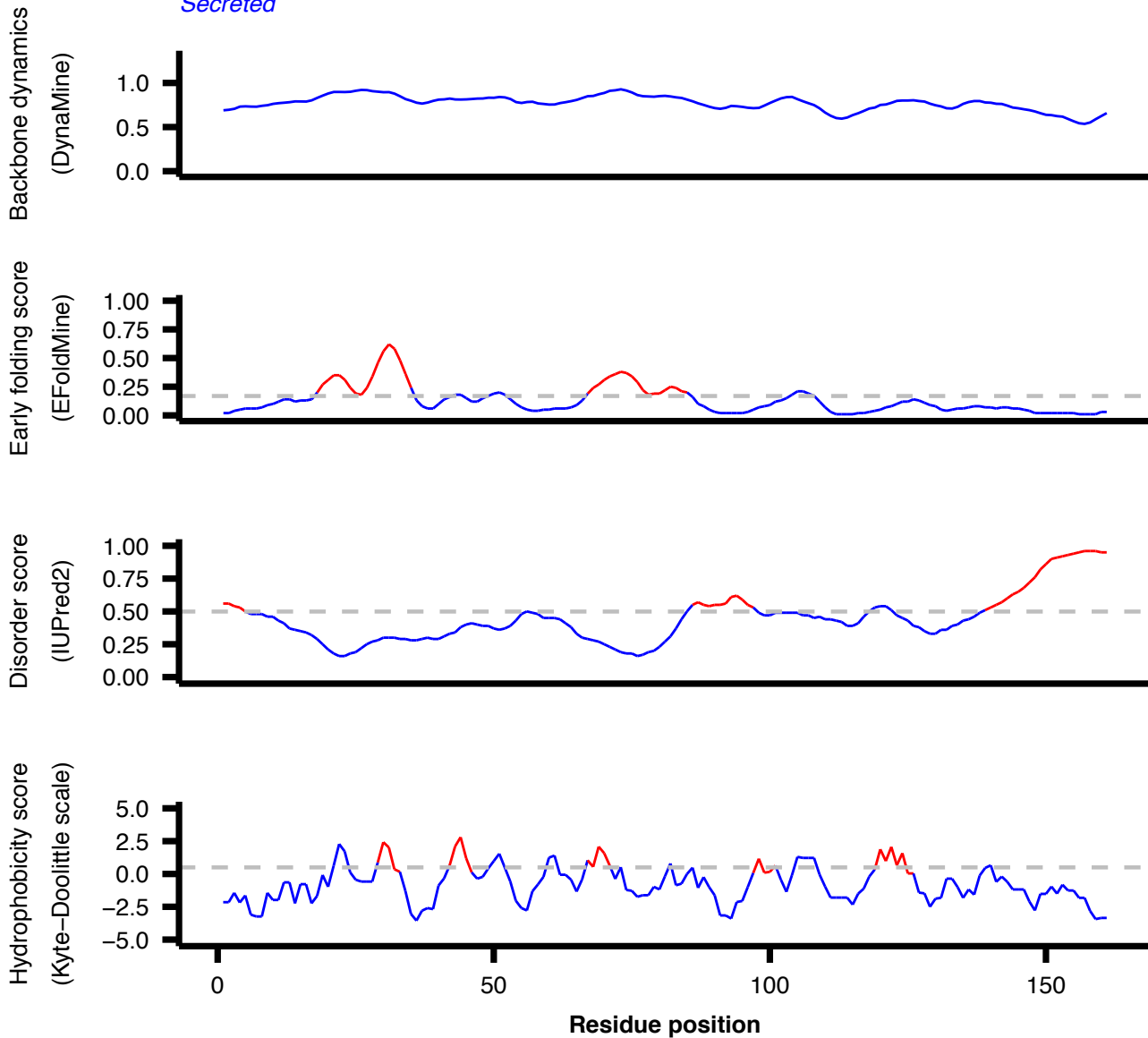
# P75797 (GSIB\_ECOLI)

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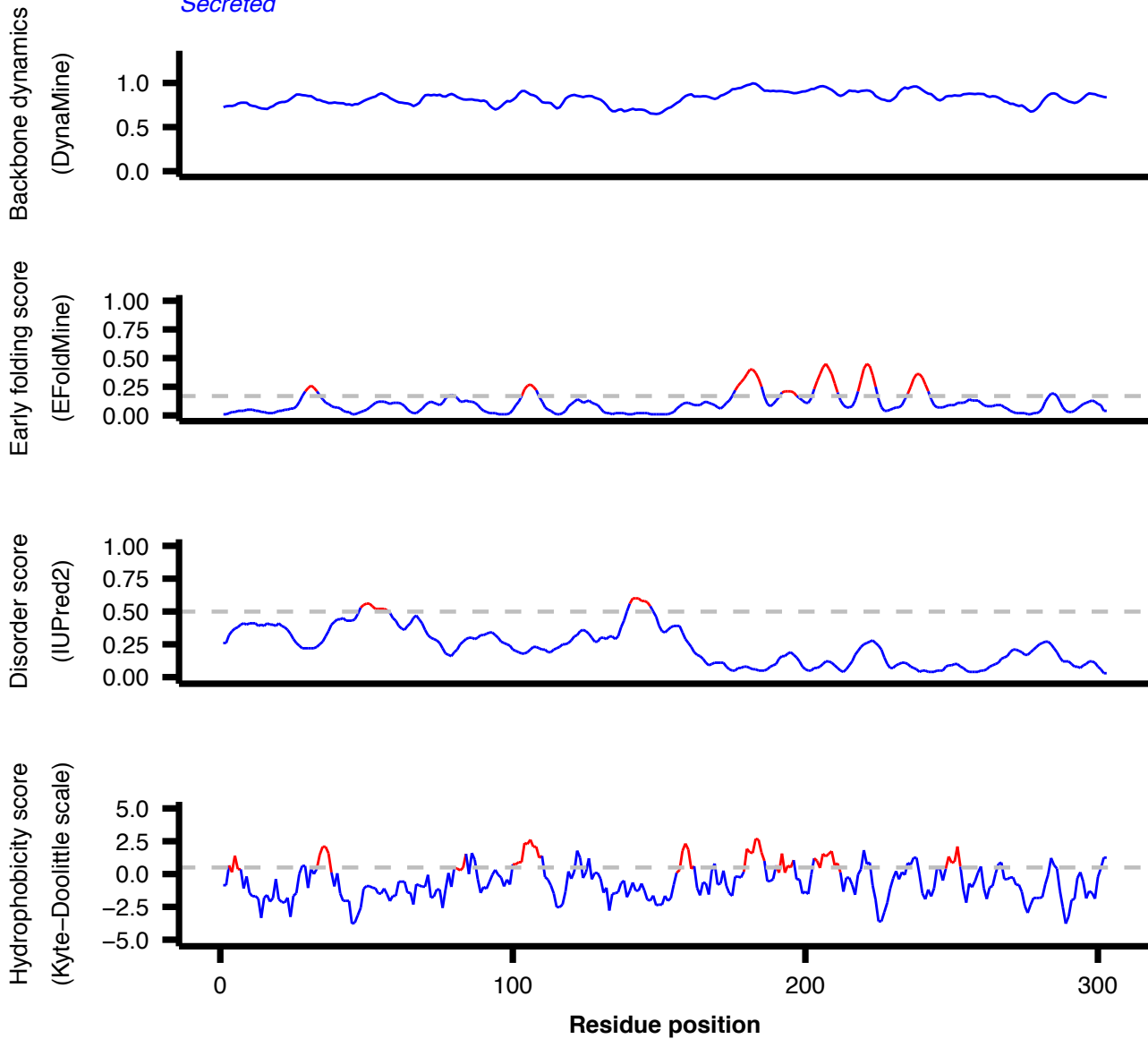
# P45761 (GSPJ\_ECOLI)

*Secreted*



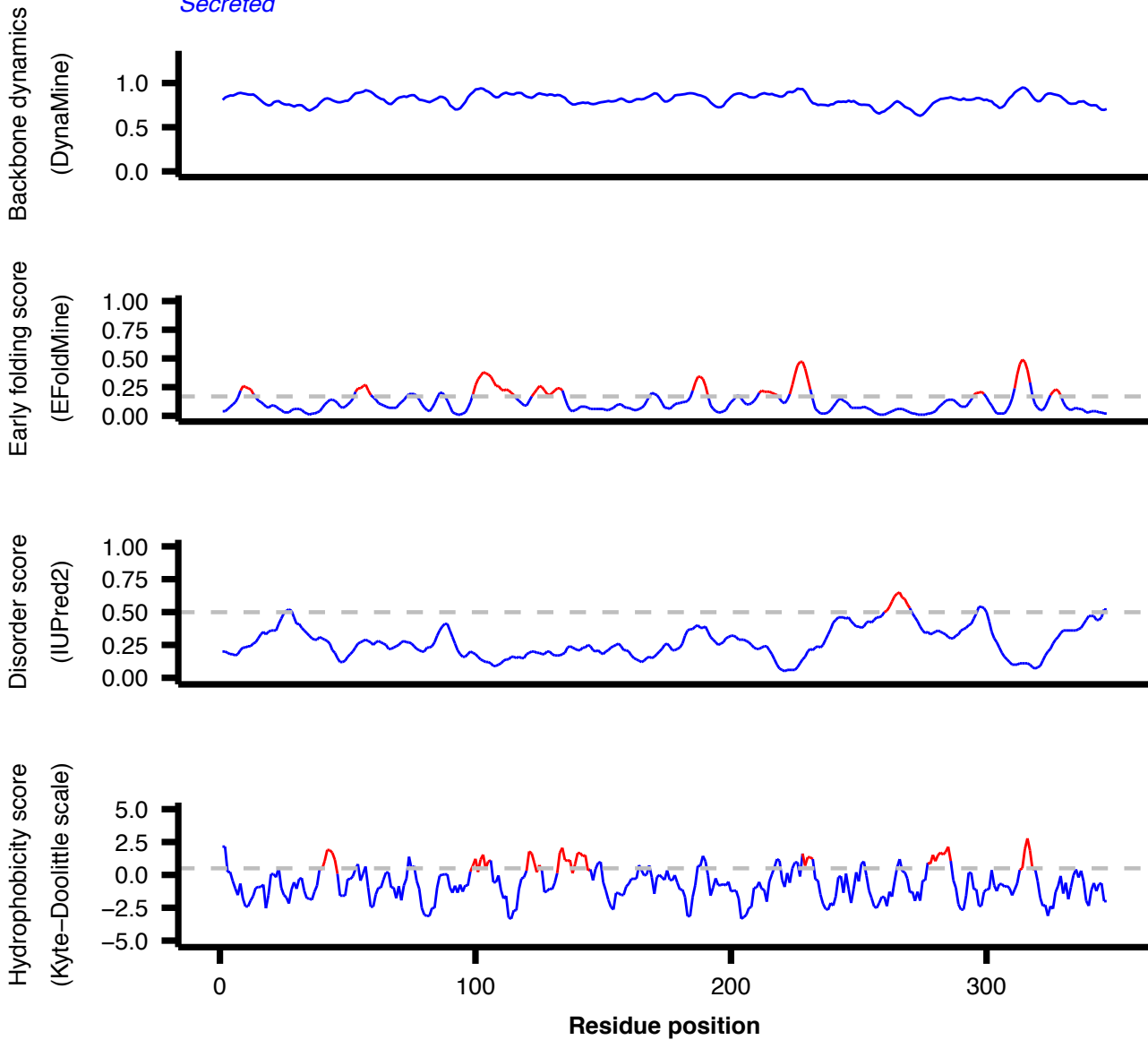
# P45762 (GSPK\_ECOLI)

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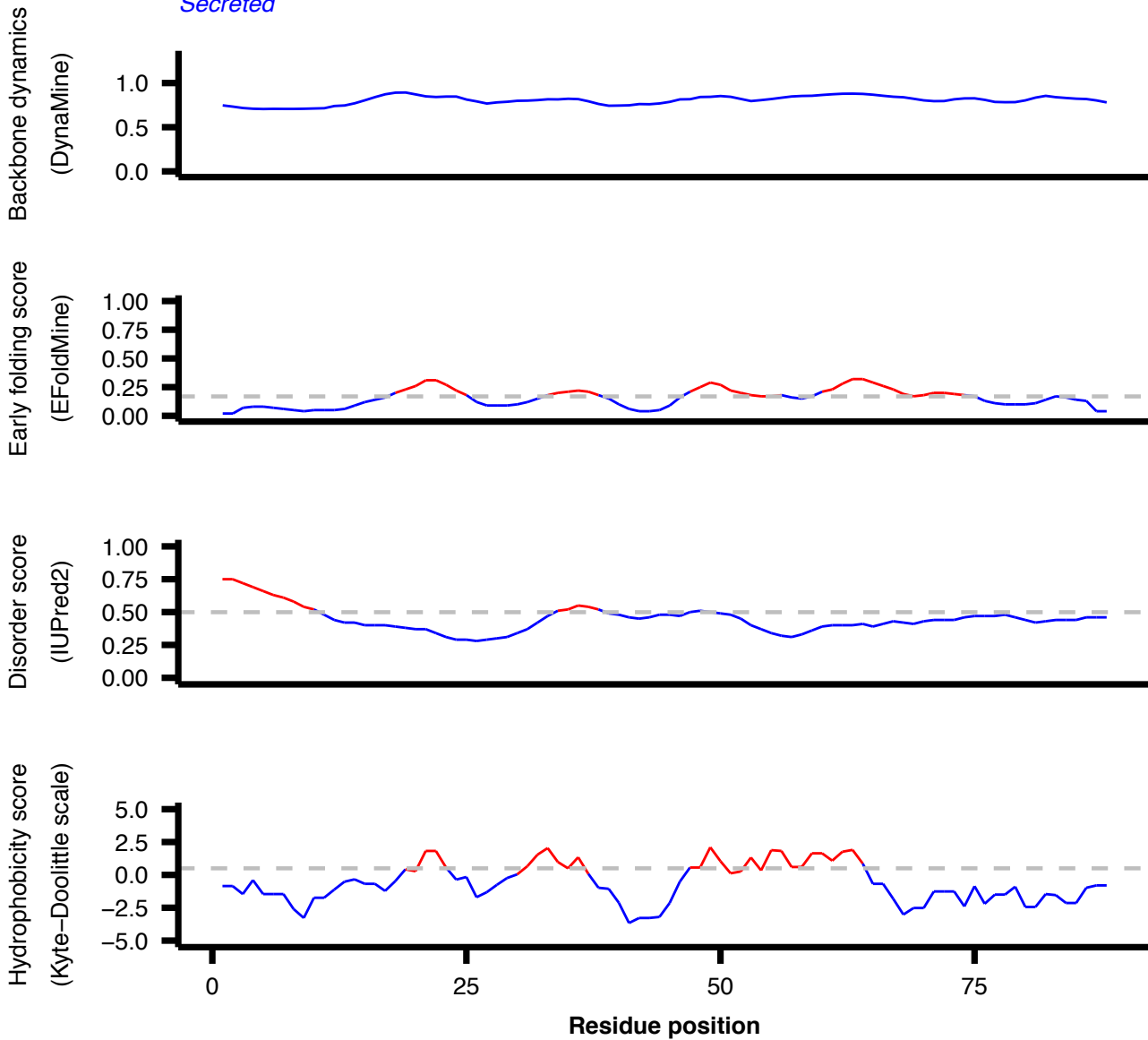
# P37651 (GUN\_ECOLI)

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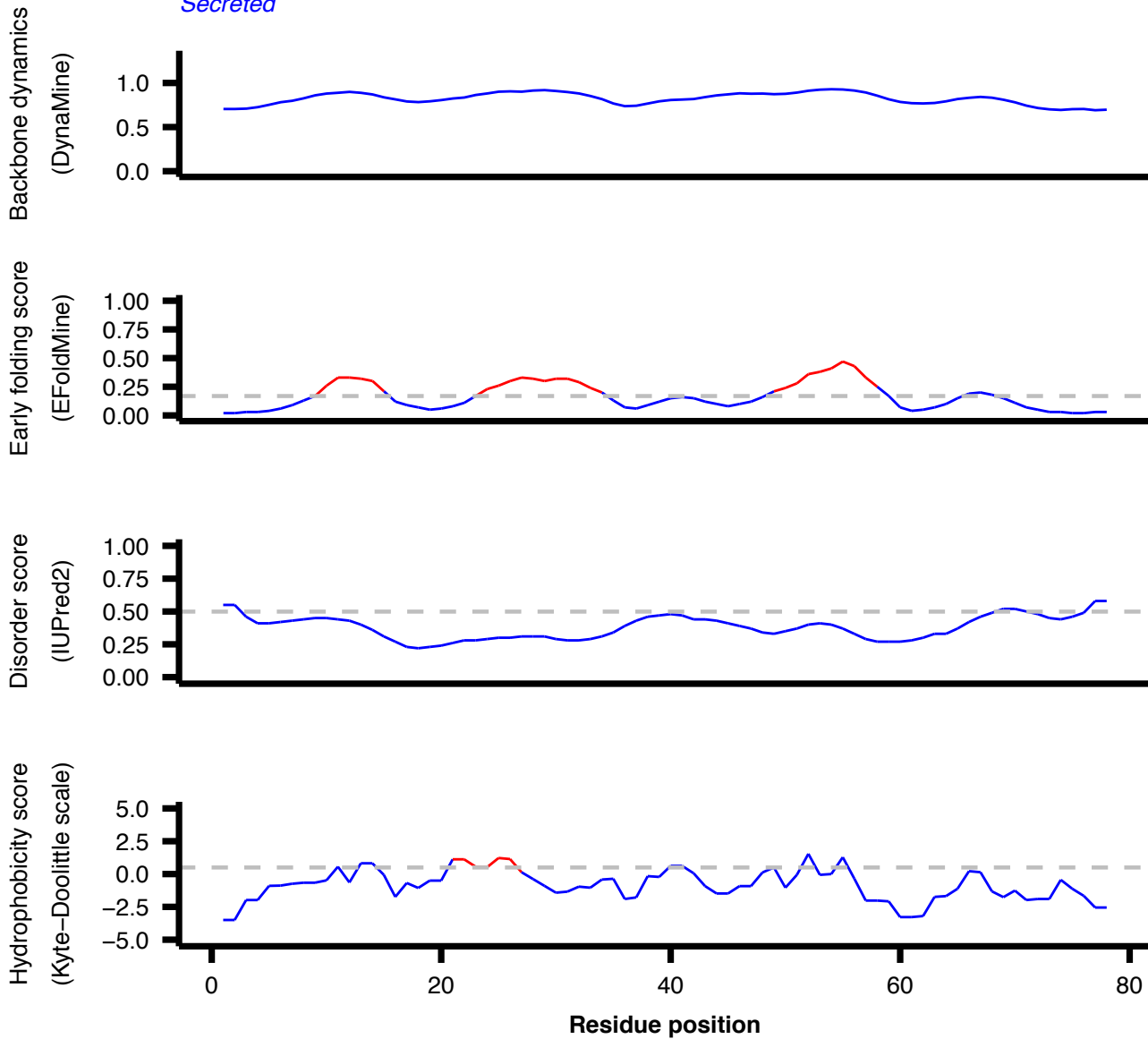
# POAES9 (HDEA\_ECOLI)

*Secreted*



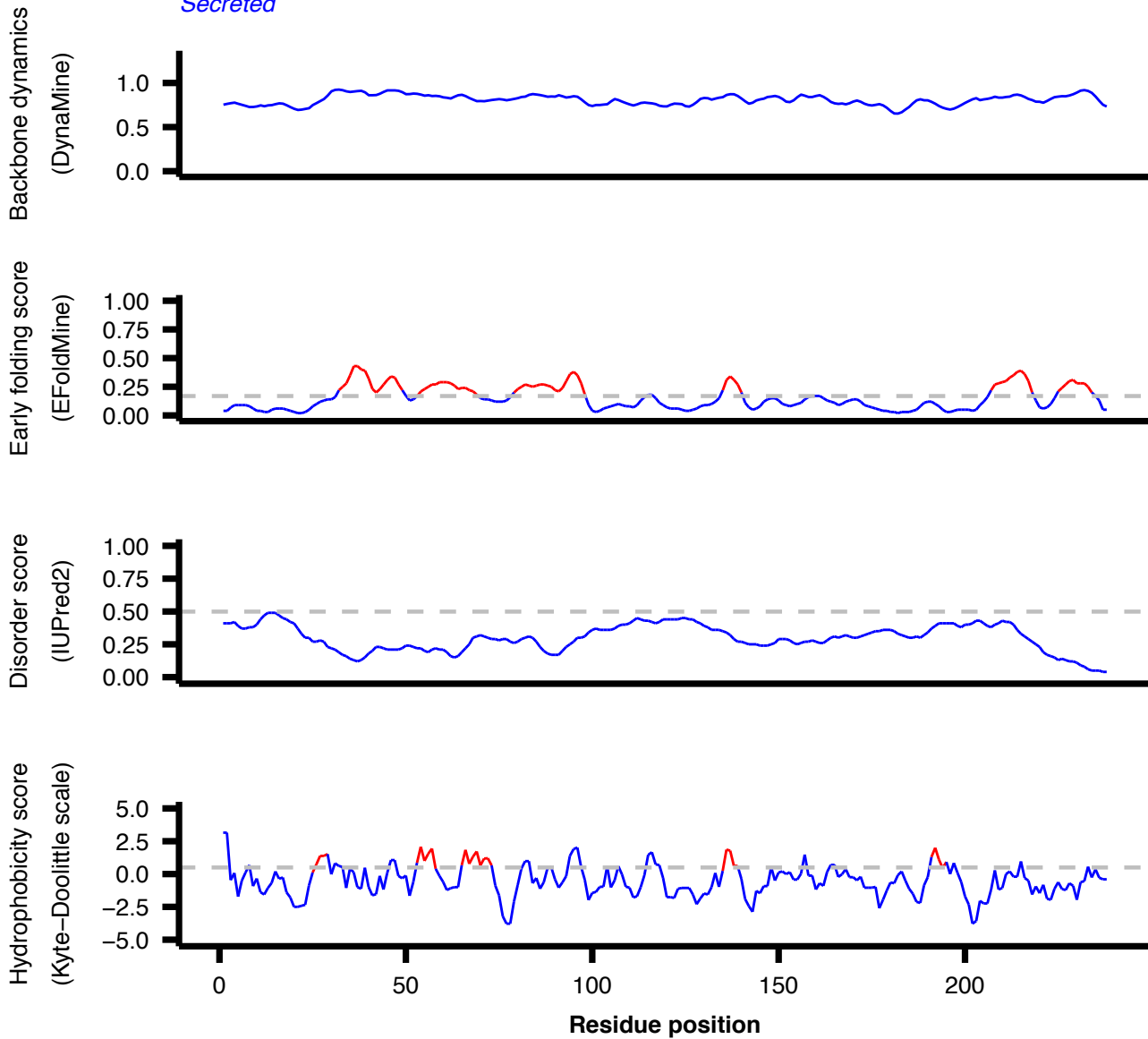
# P0AET2 (HDEB\_ECOLI)

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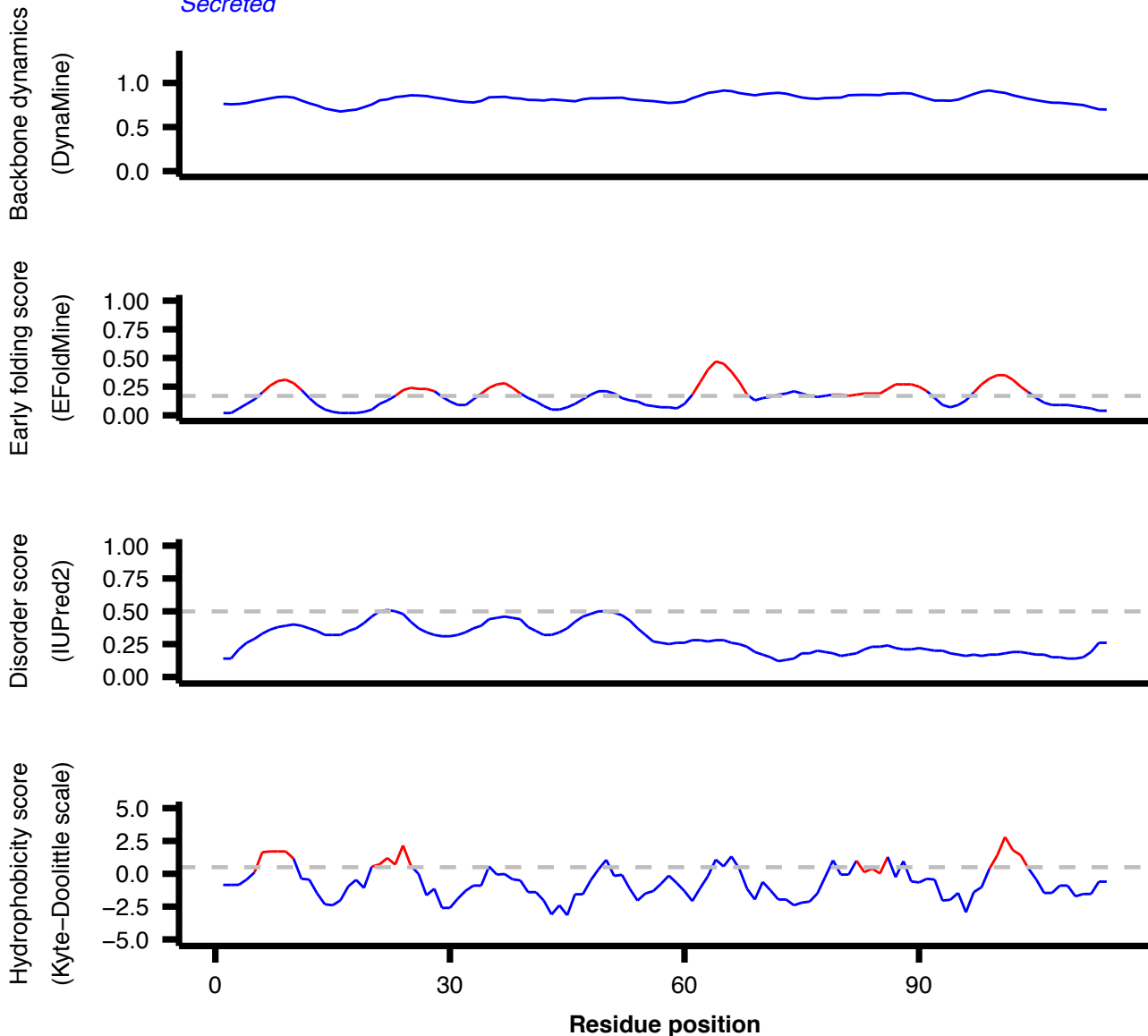
# P0AEU0 (HISJ\_ECOLI)

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# P76341 (HIUH\_ECOLI)

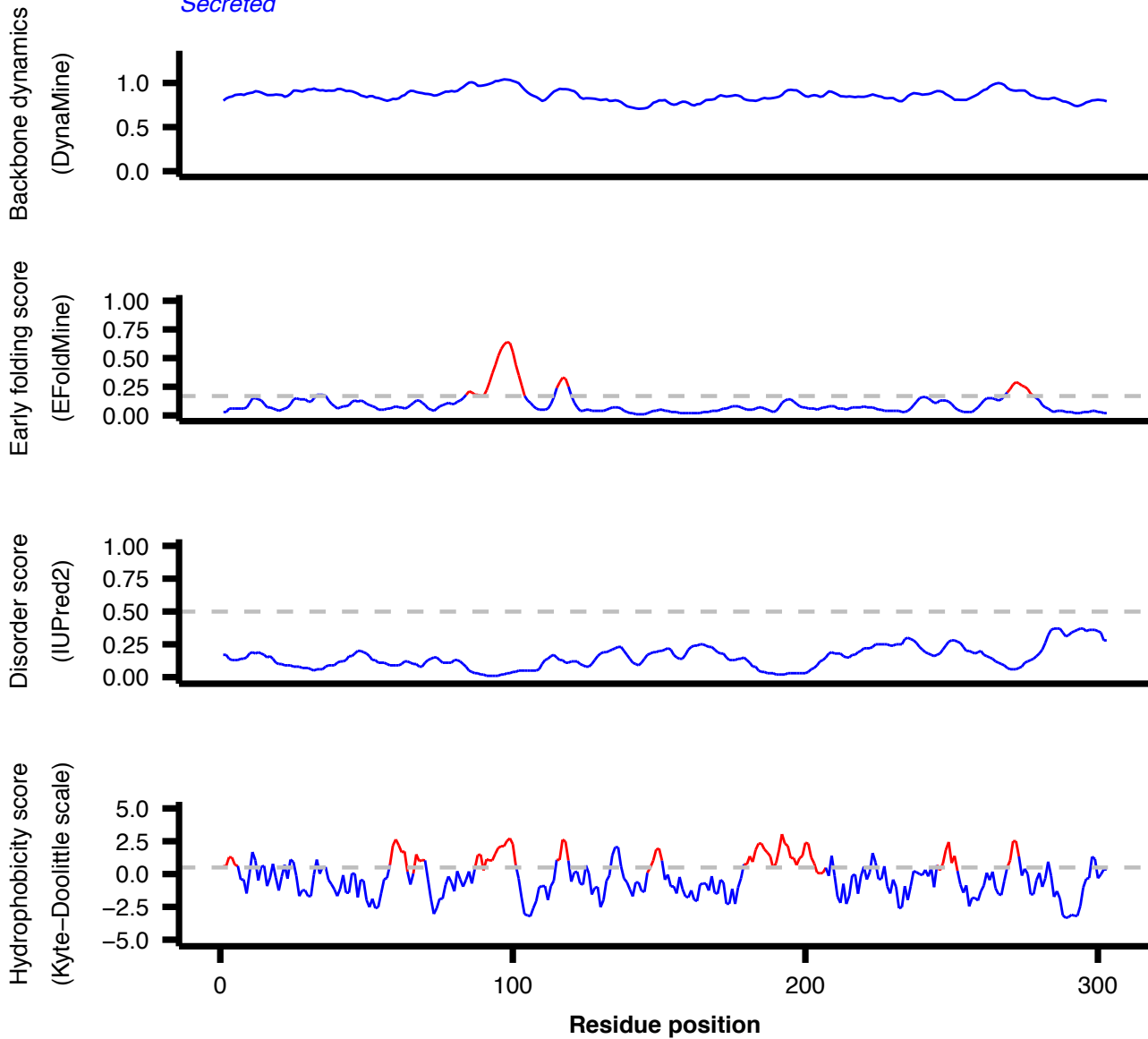
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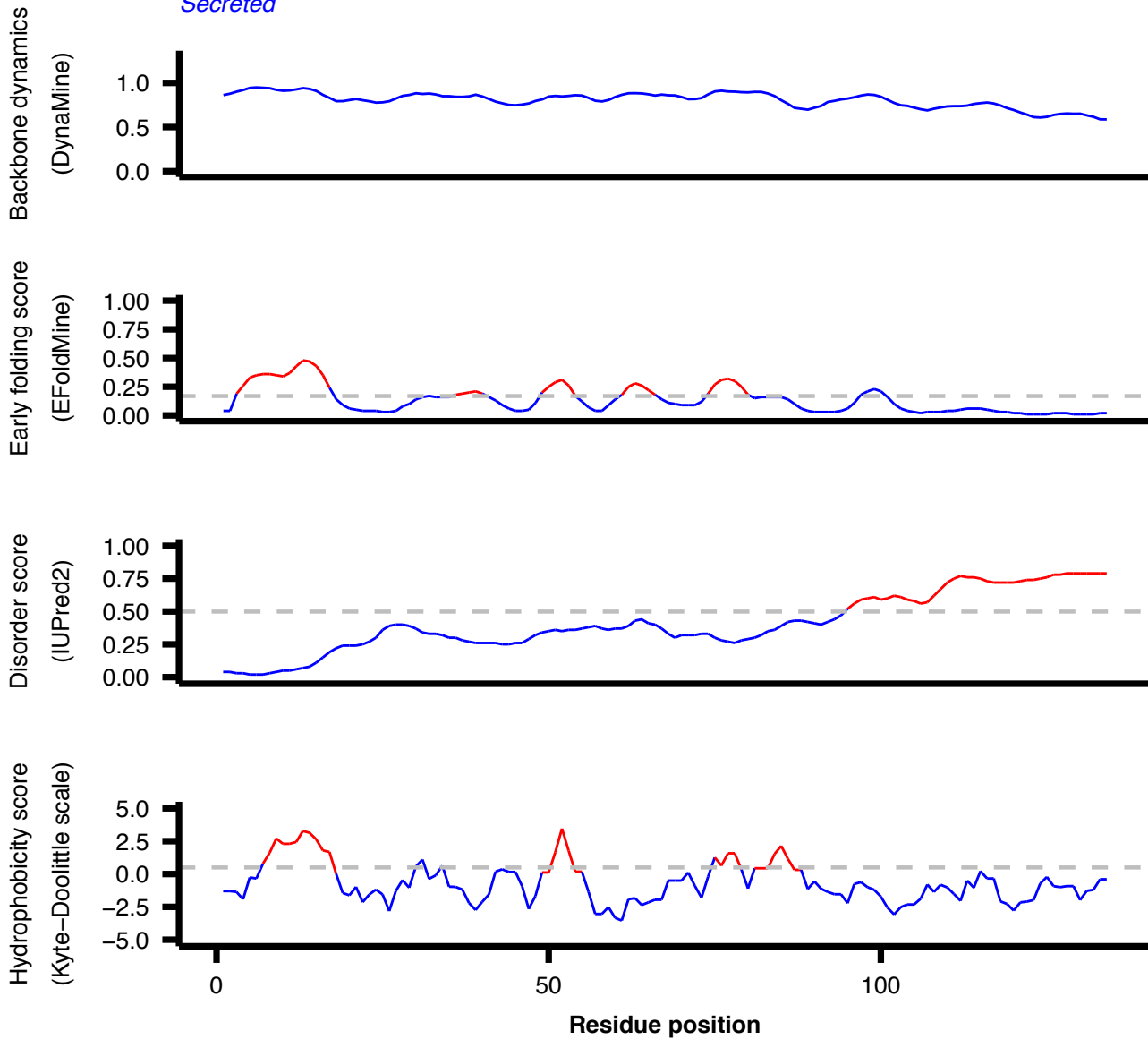
# P77335 (HLYE\_ECOLI)

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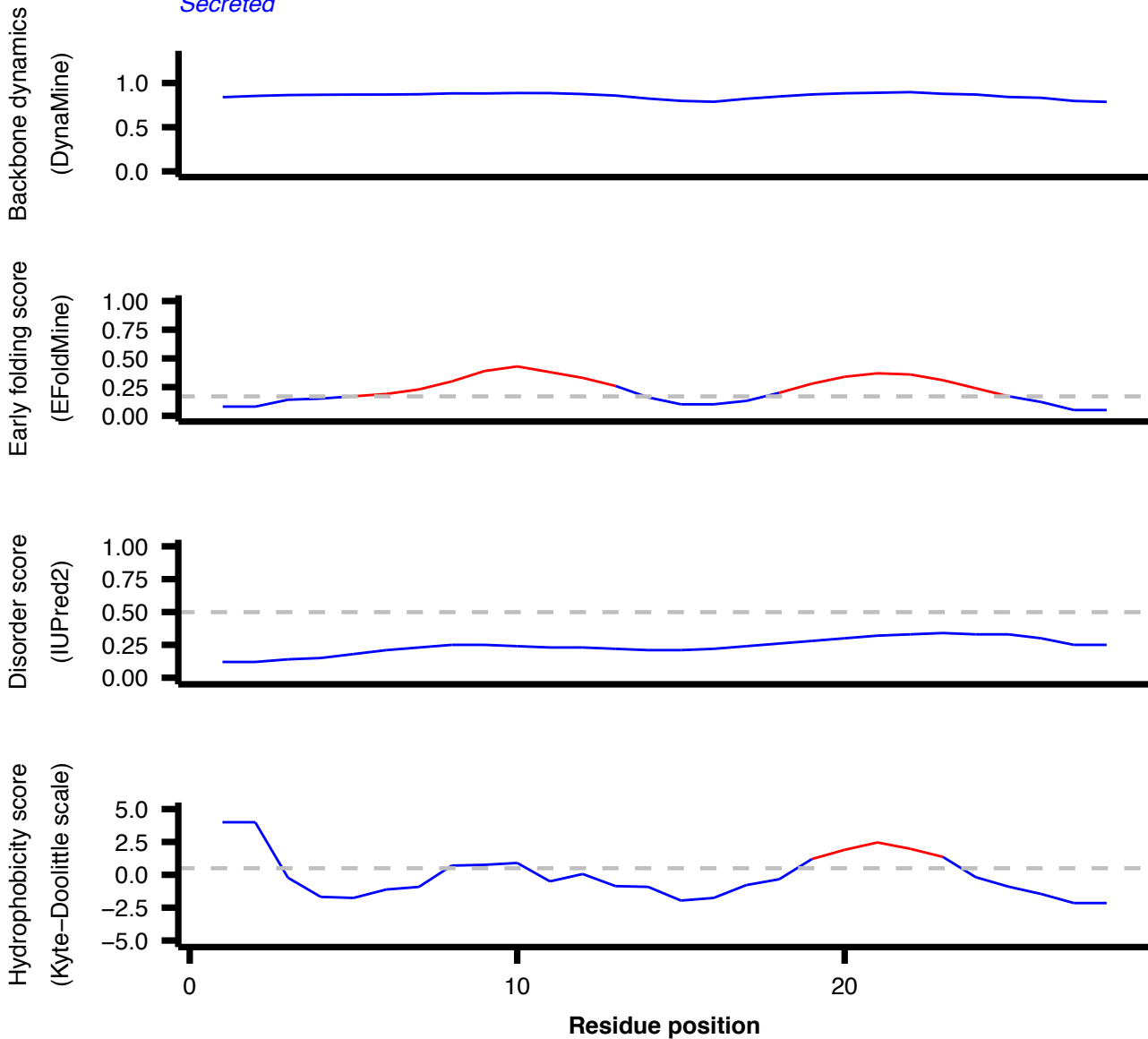
# P45750 (HOFP\_ECOLI)

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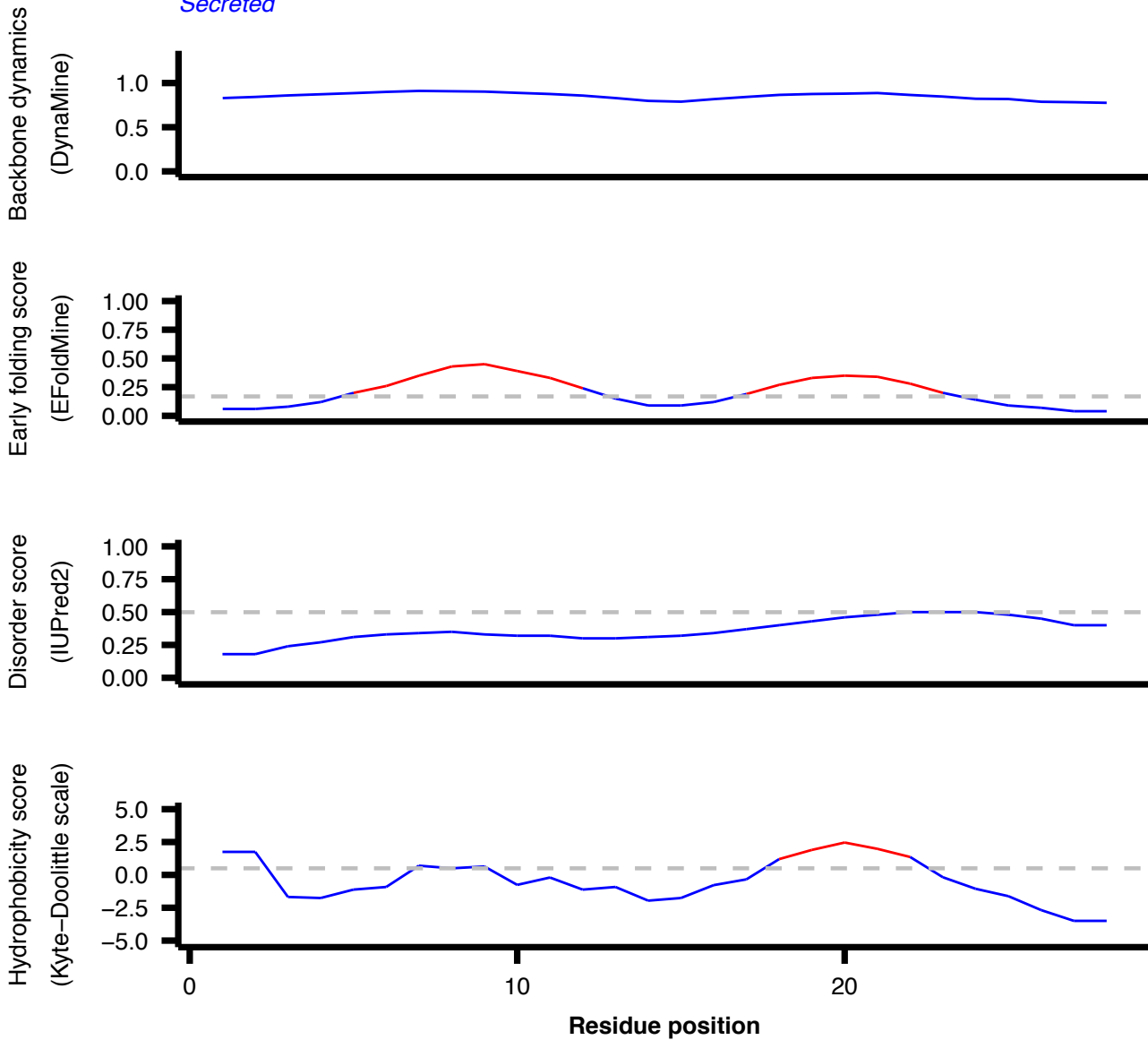
# P0ACG4 (HOKC\_ECOLI)

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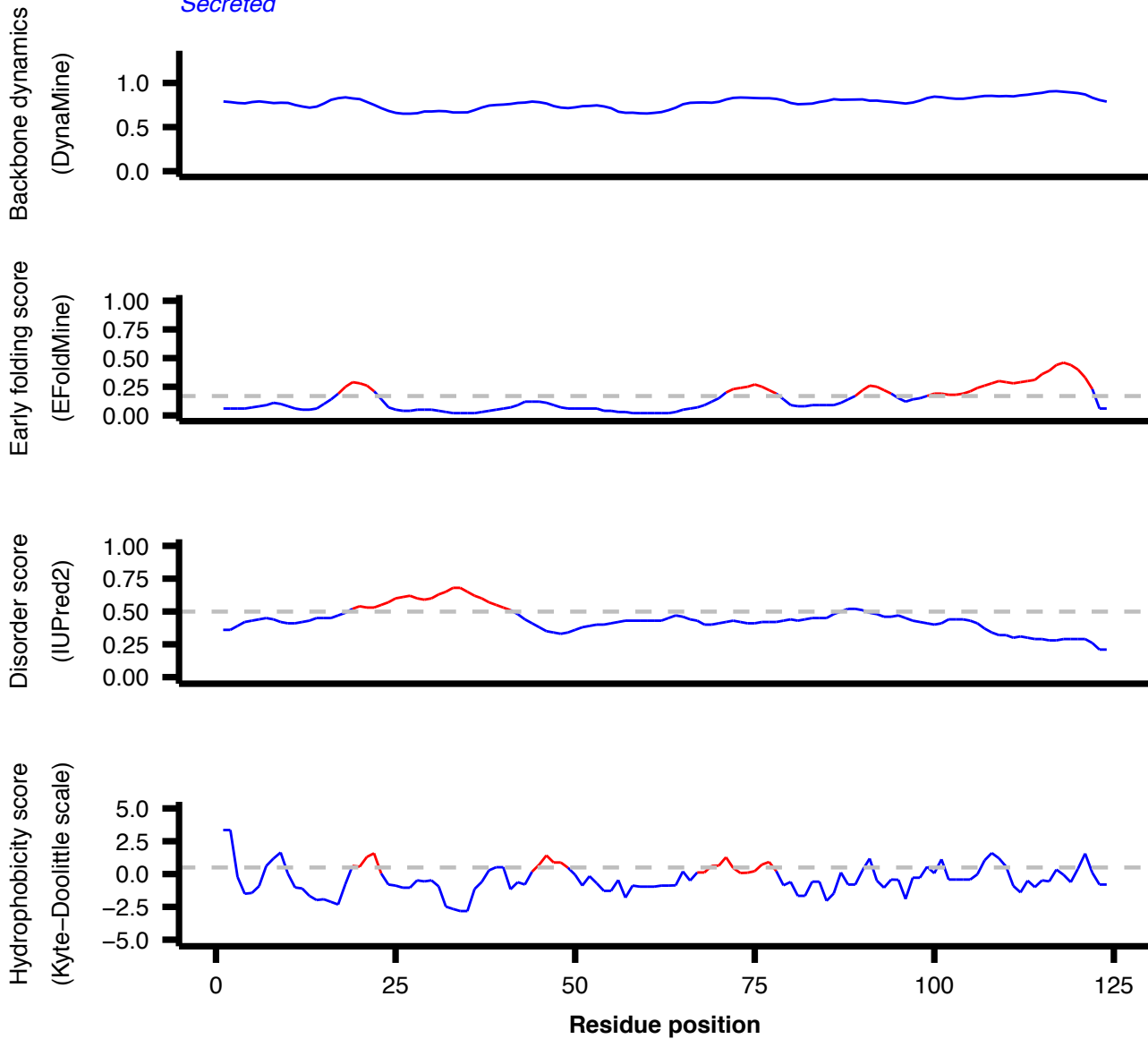
# P0ACG6 (HOKD\_ECOLI)

*Secreted*



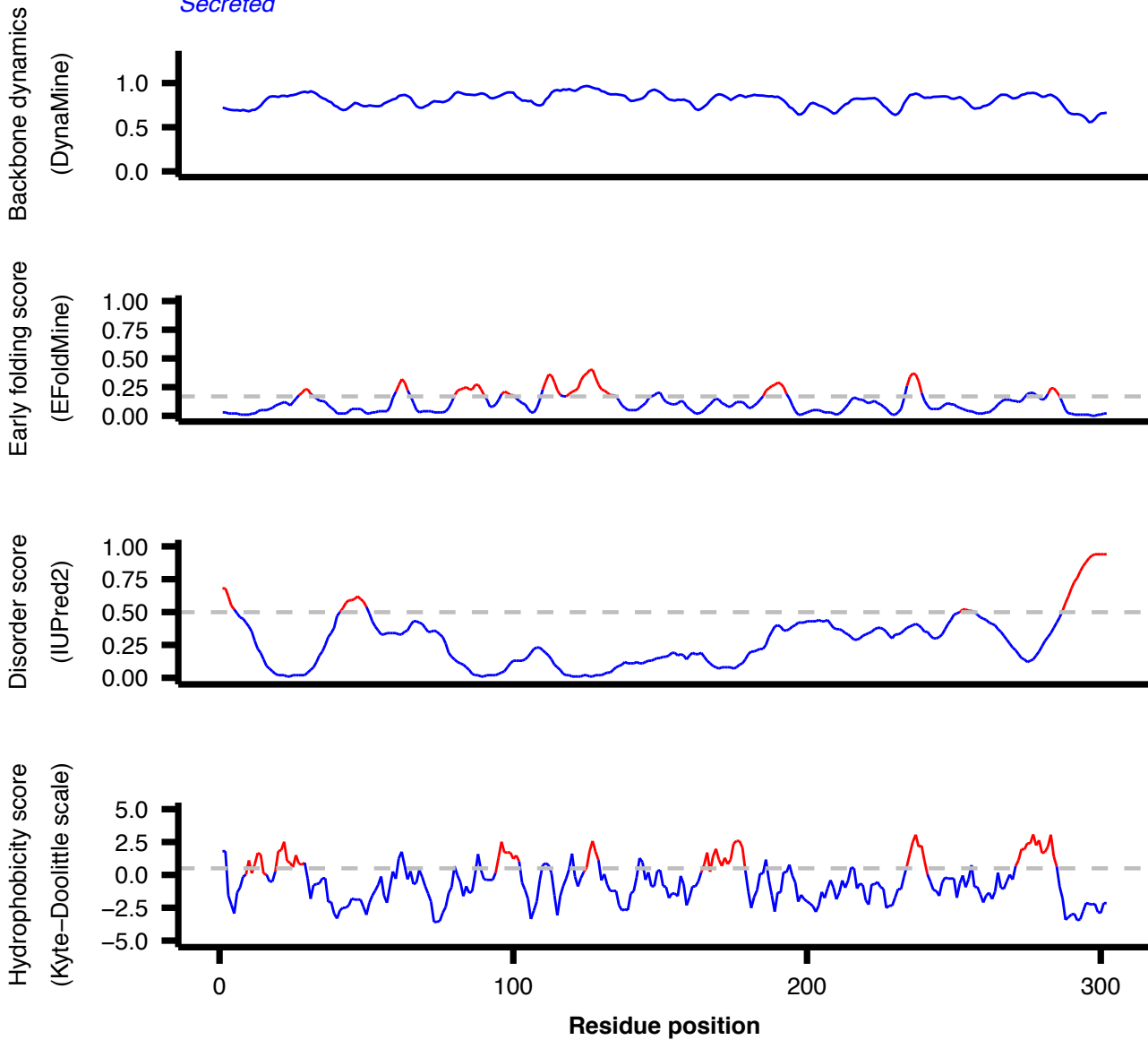
# P52644 (HSLJ\_ECOLI)

*Secreted*



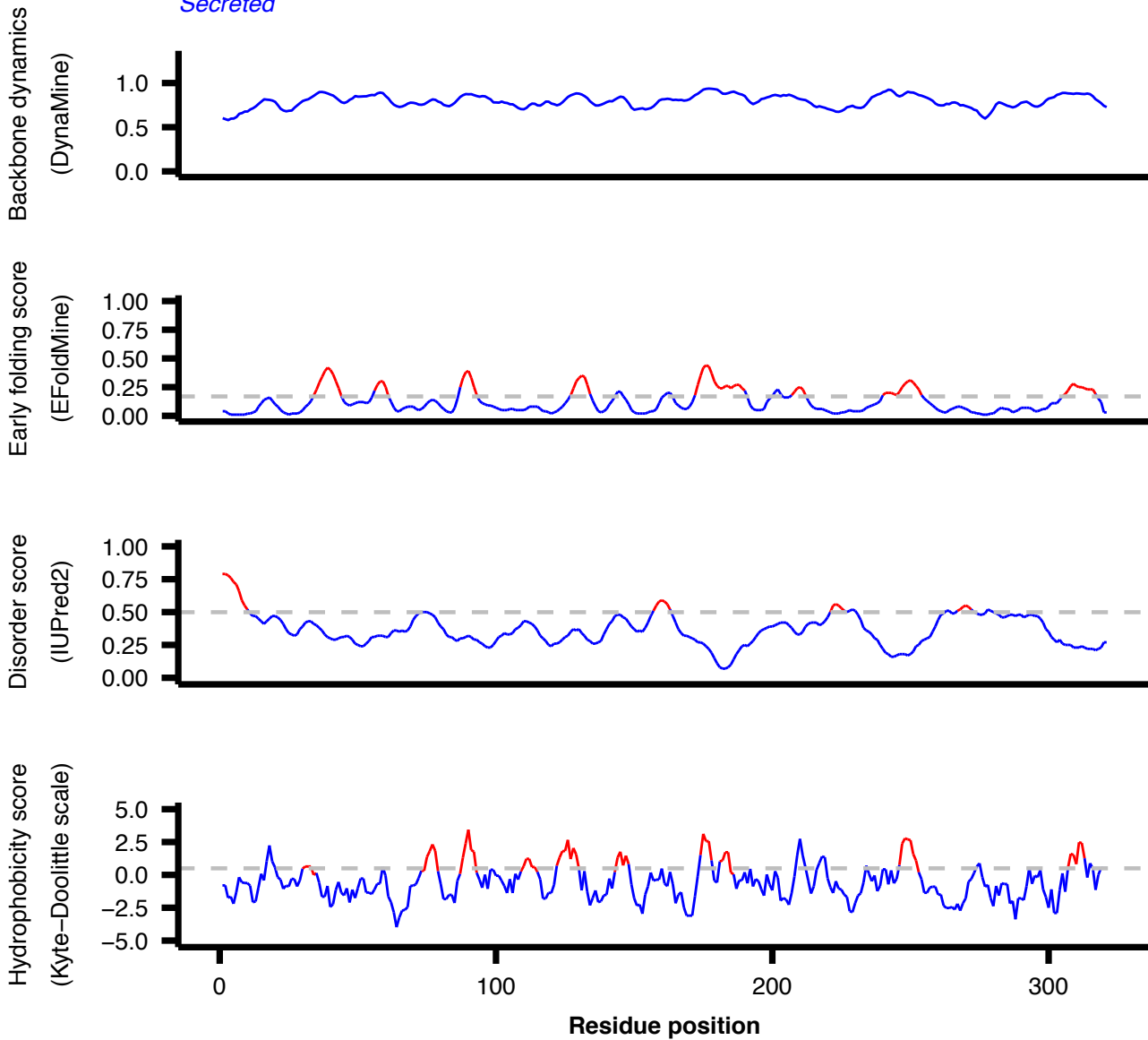
# P0AAJ8 (HYBA\_ECOLI)

*Secreted*



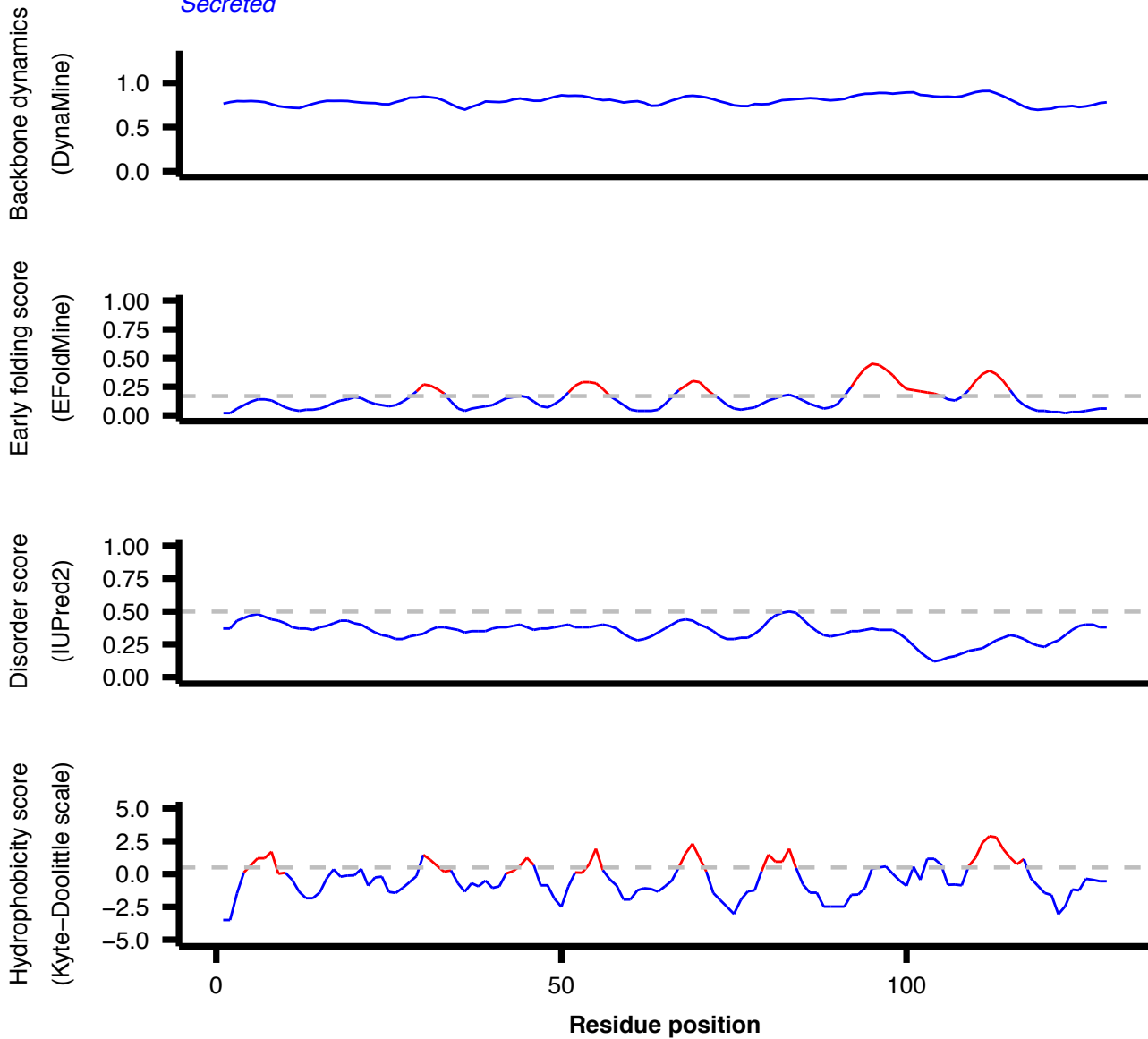
# P10423 (IAP\_ECOLI)

*Secreted*



# P0AD59 (IVY\_ECOLI)

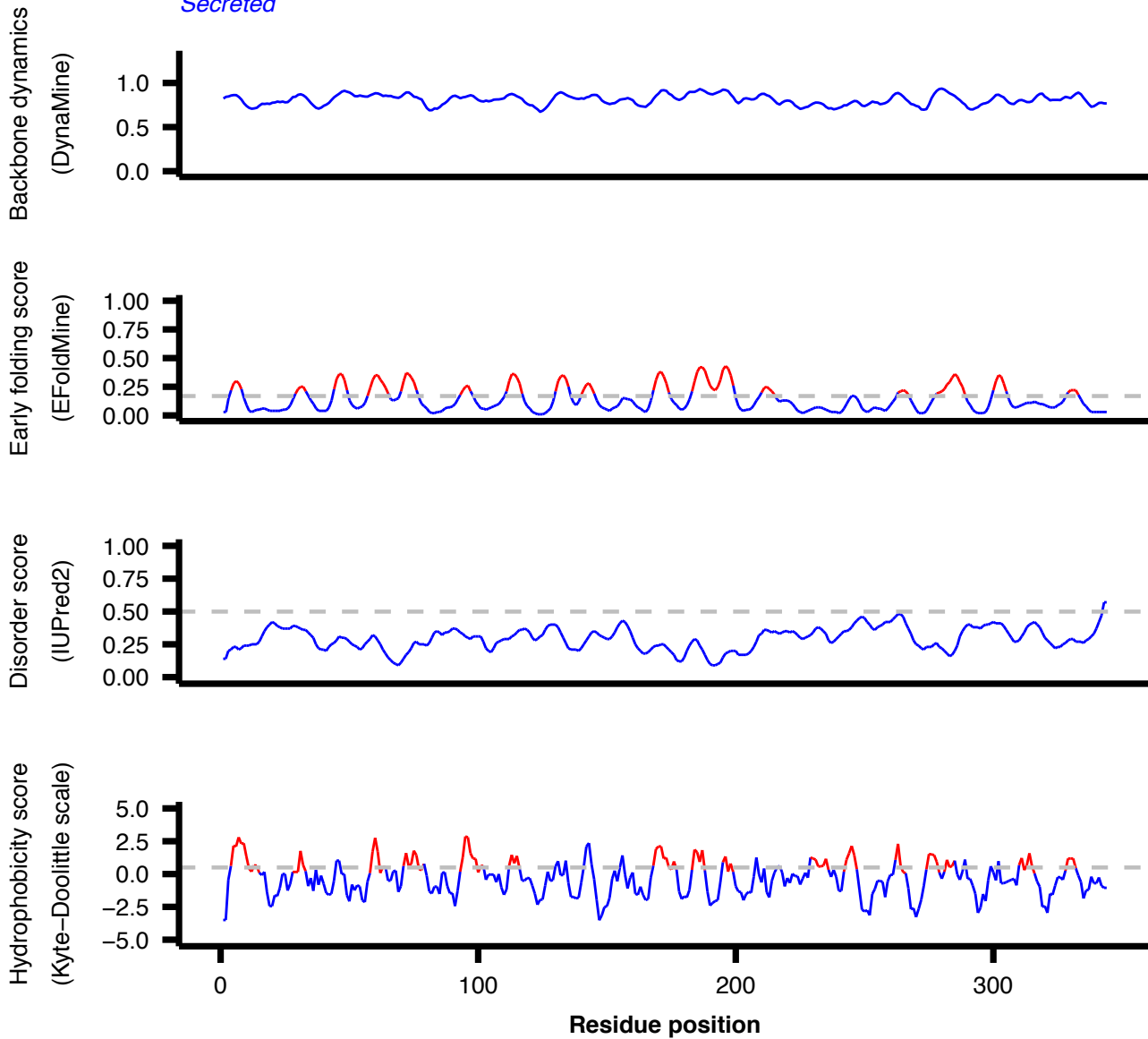
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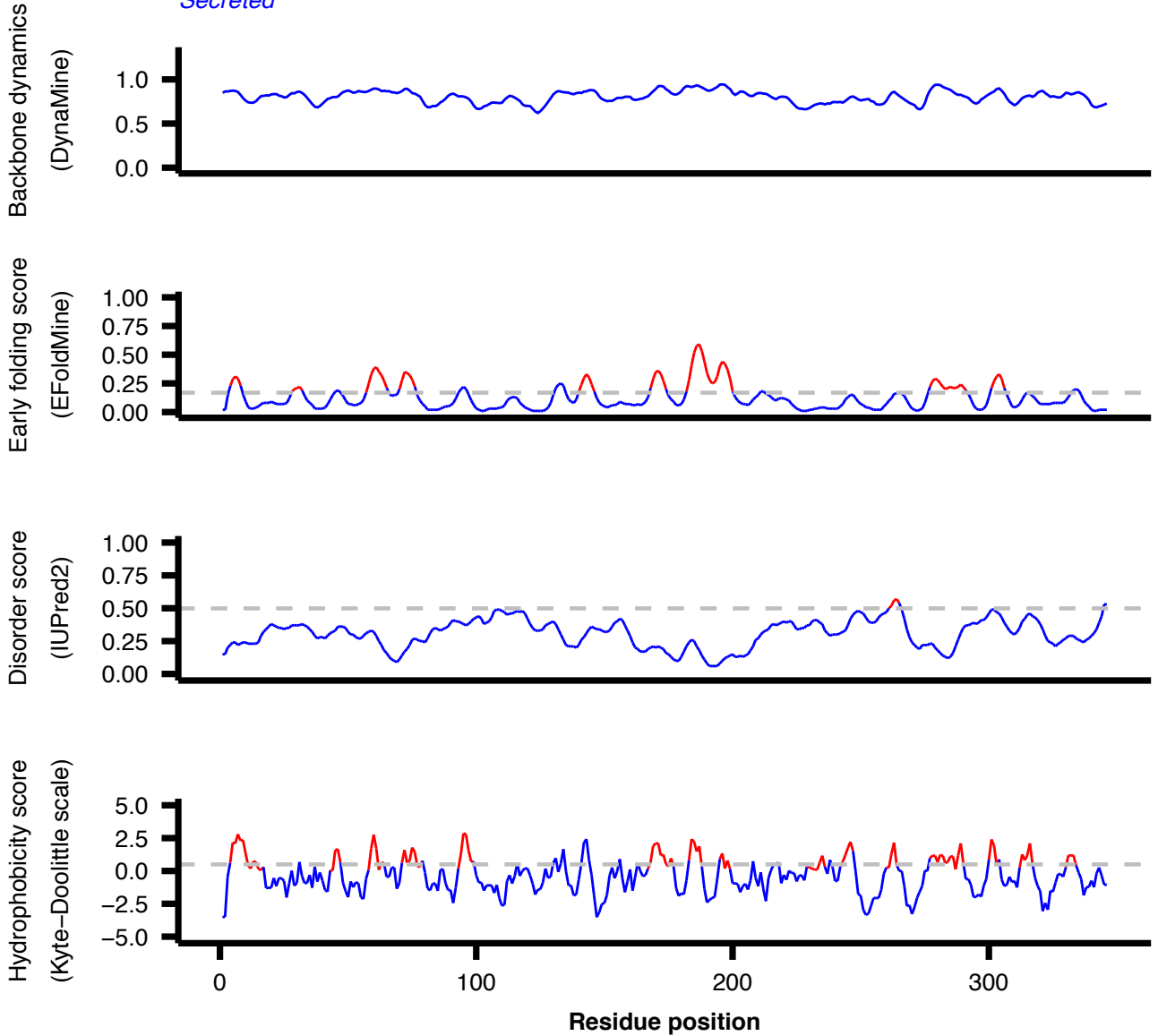
# P0AD96 (LIVJ\_ECOLI)

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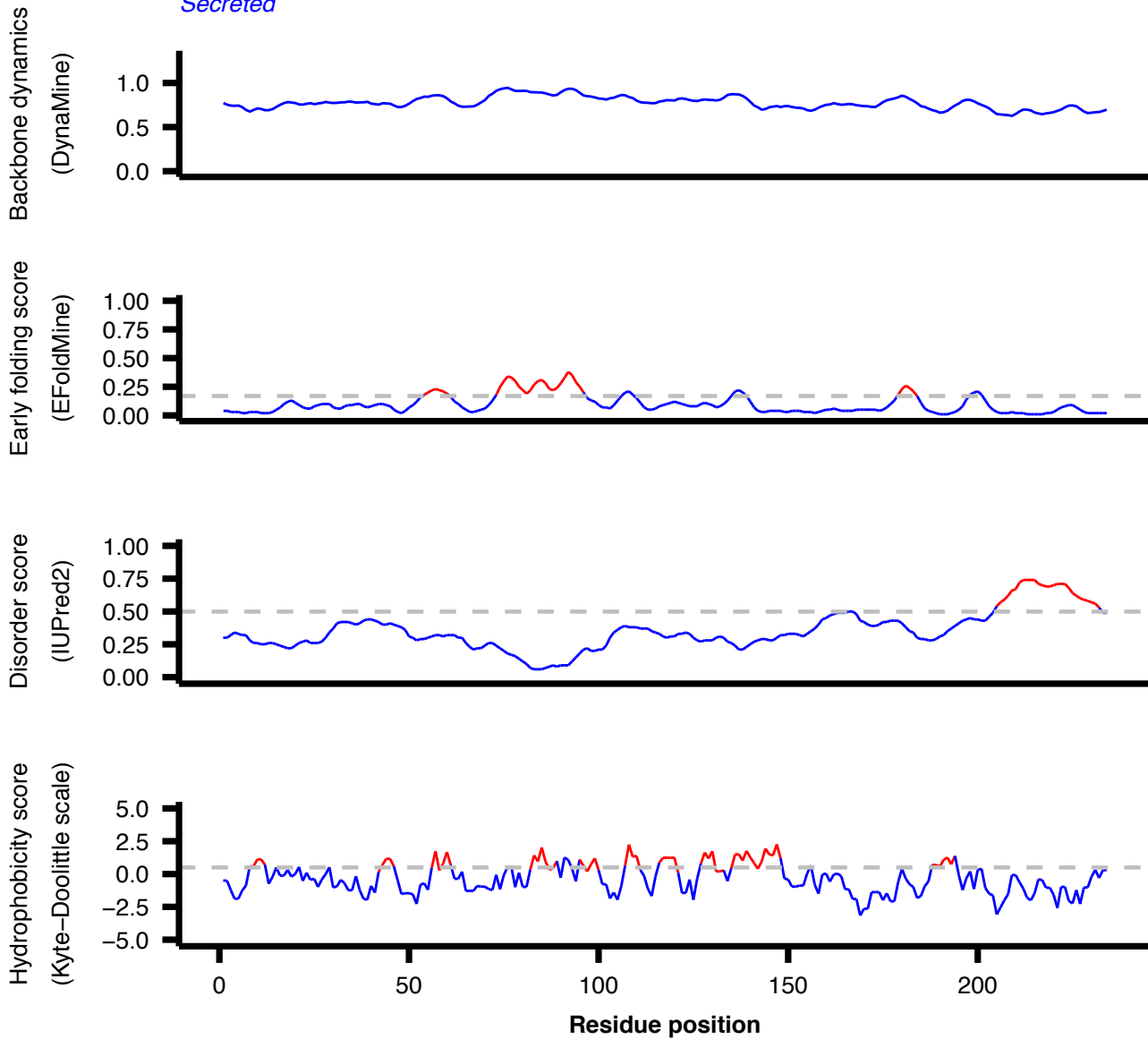
# P04816 (LIVK\_ECOLI)

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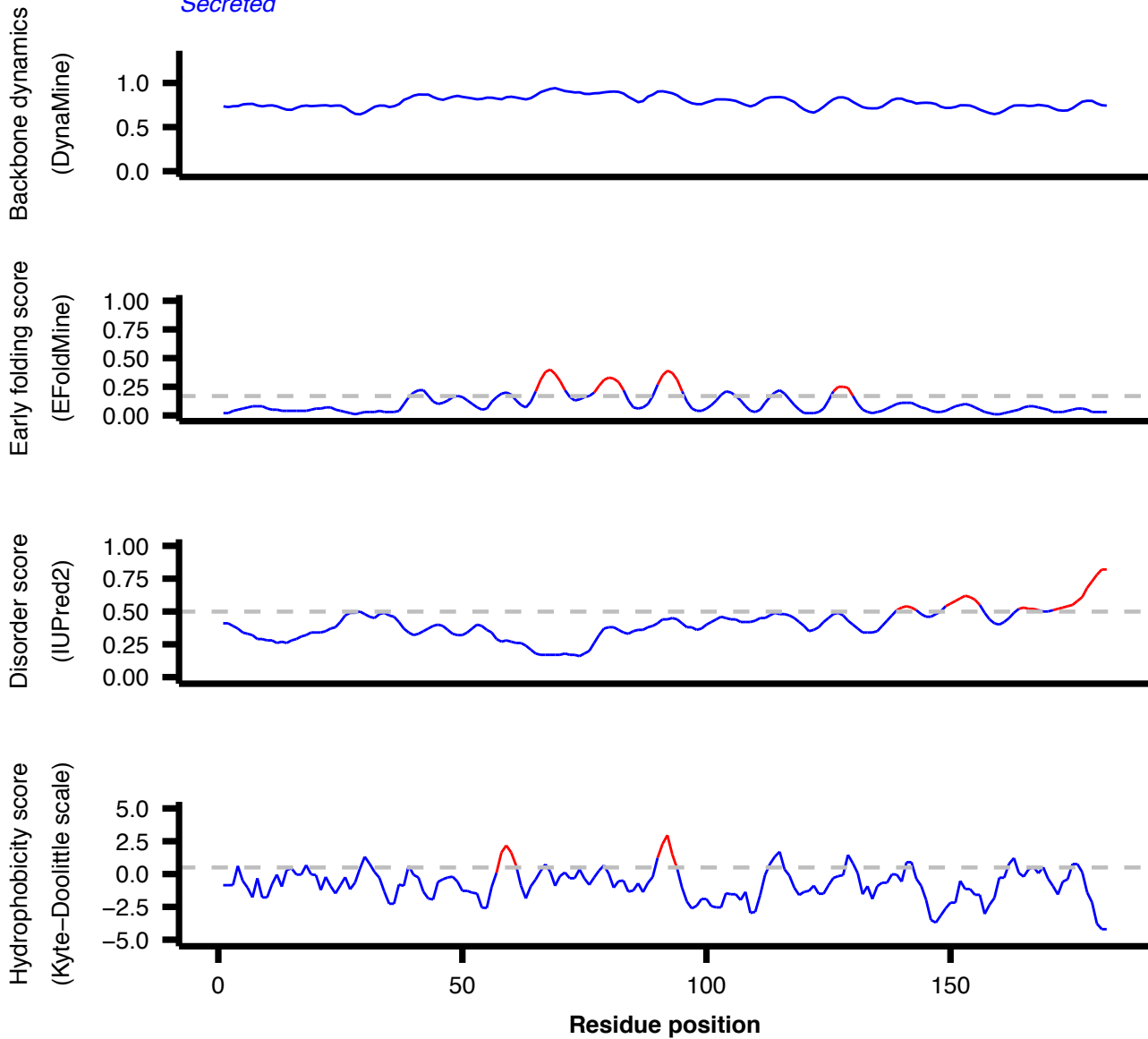
# P25894 (LOIP\_ECOLI)

*Secreted*



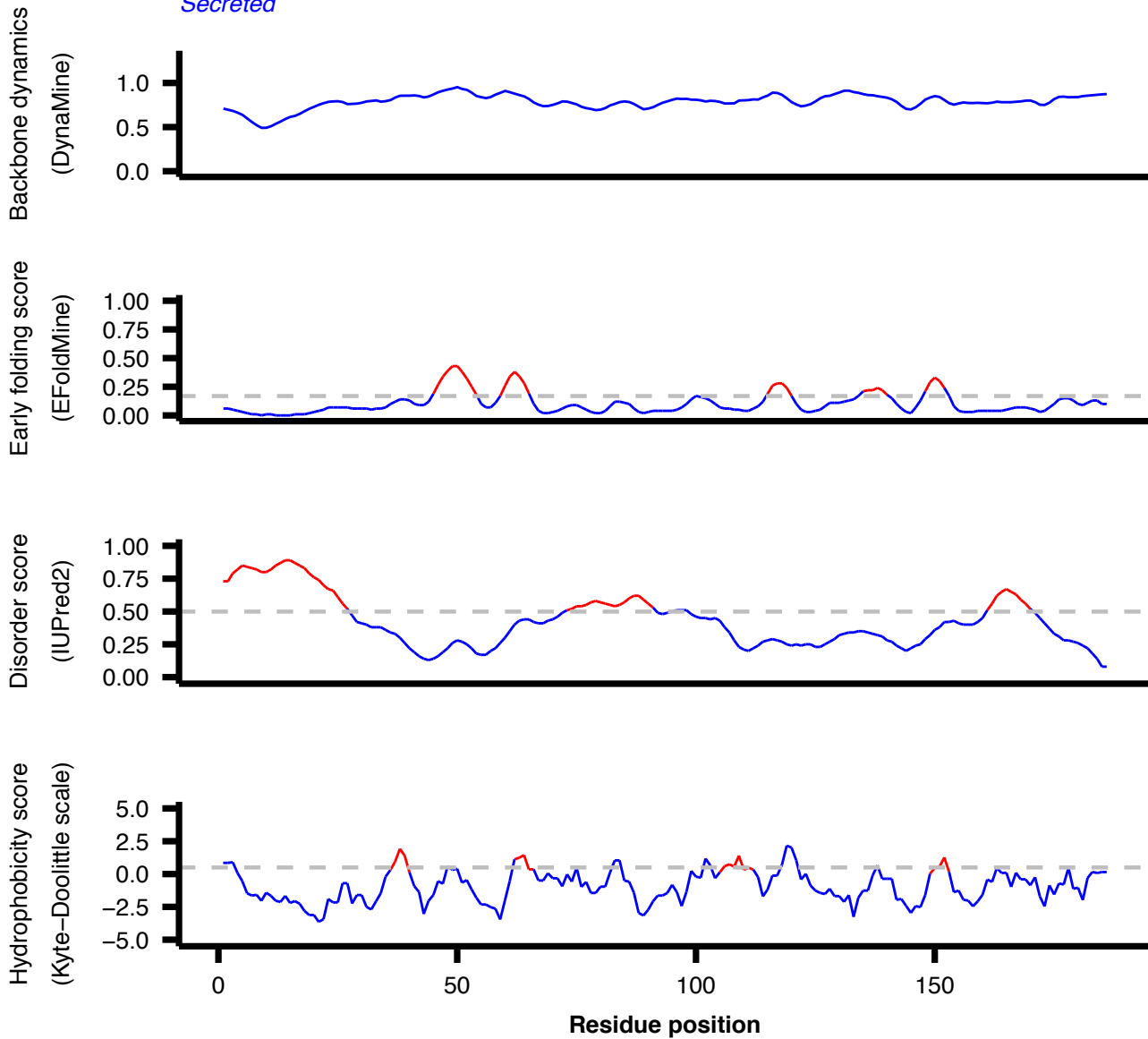
# P61316 (LOLA\_ECOLI)

*Secreted*



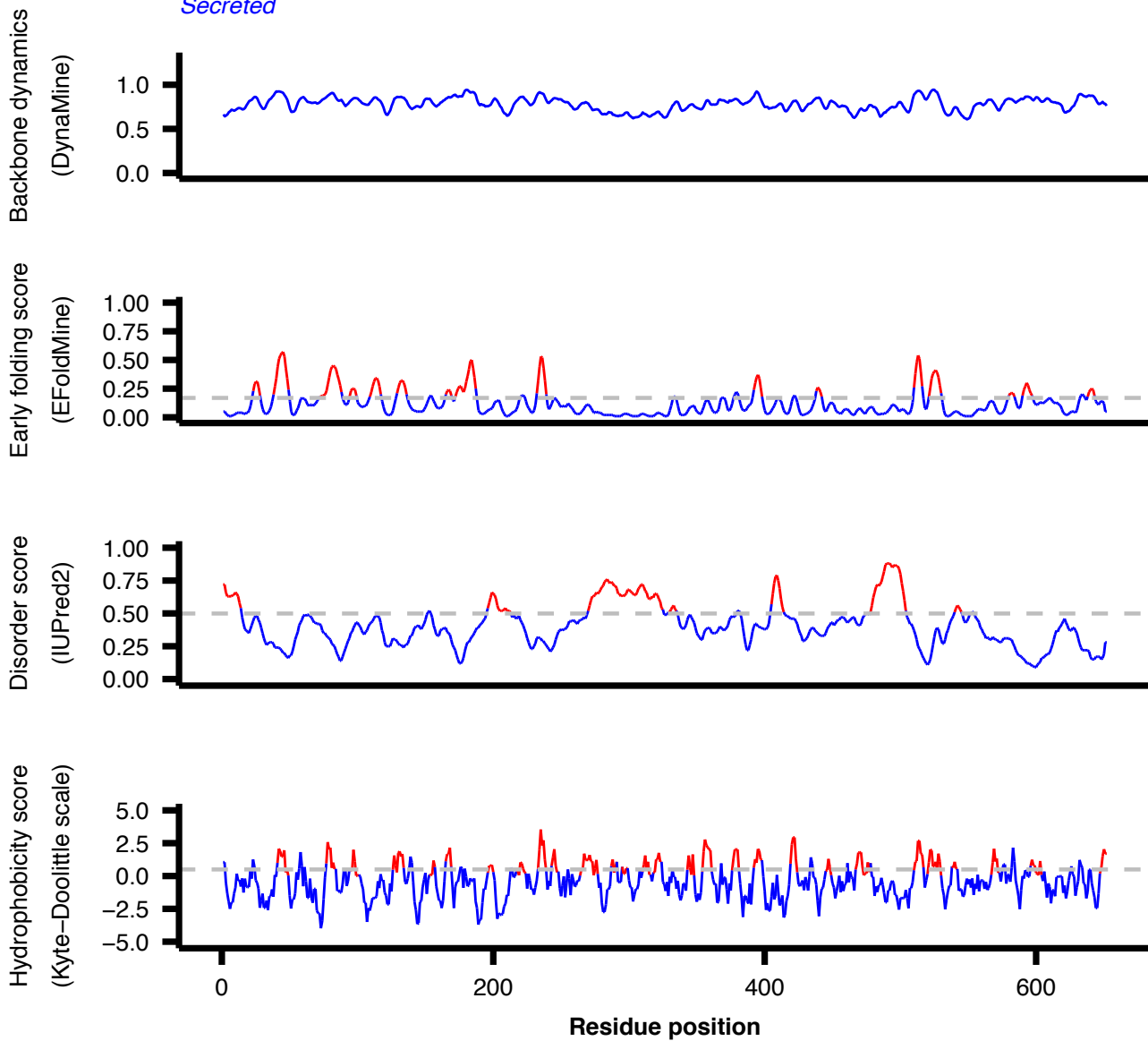
# P61320 (LOLB\_ECOLI)

*Secreted*



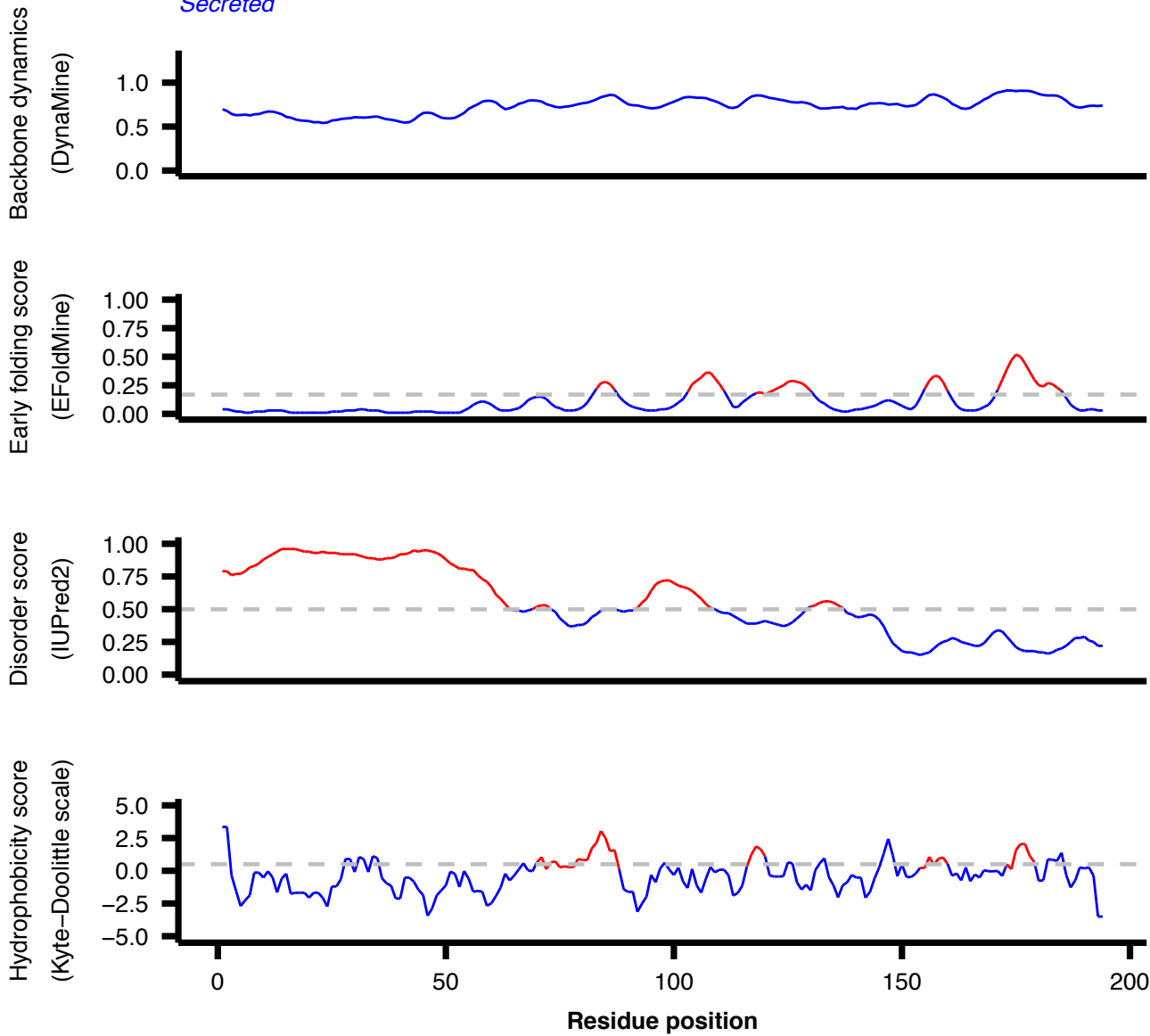
# P45464 (LPOA\_ECOLI)

*Secreted*



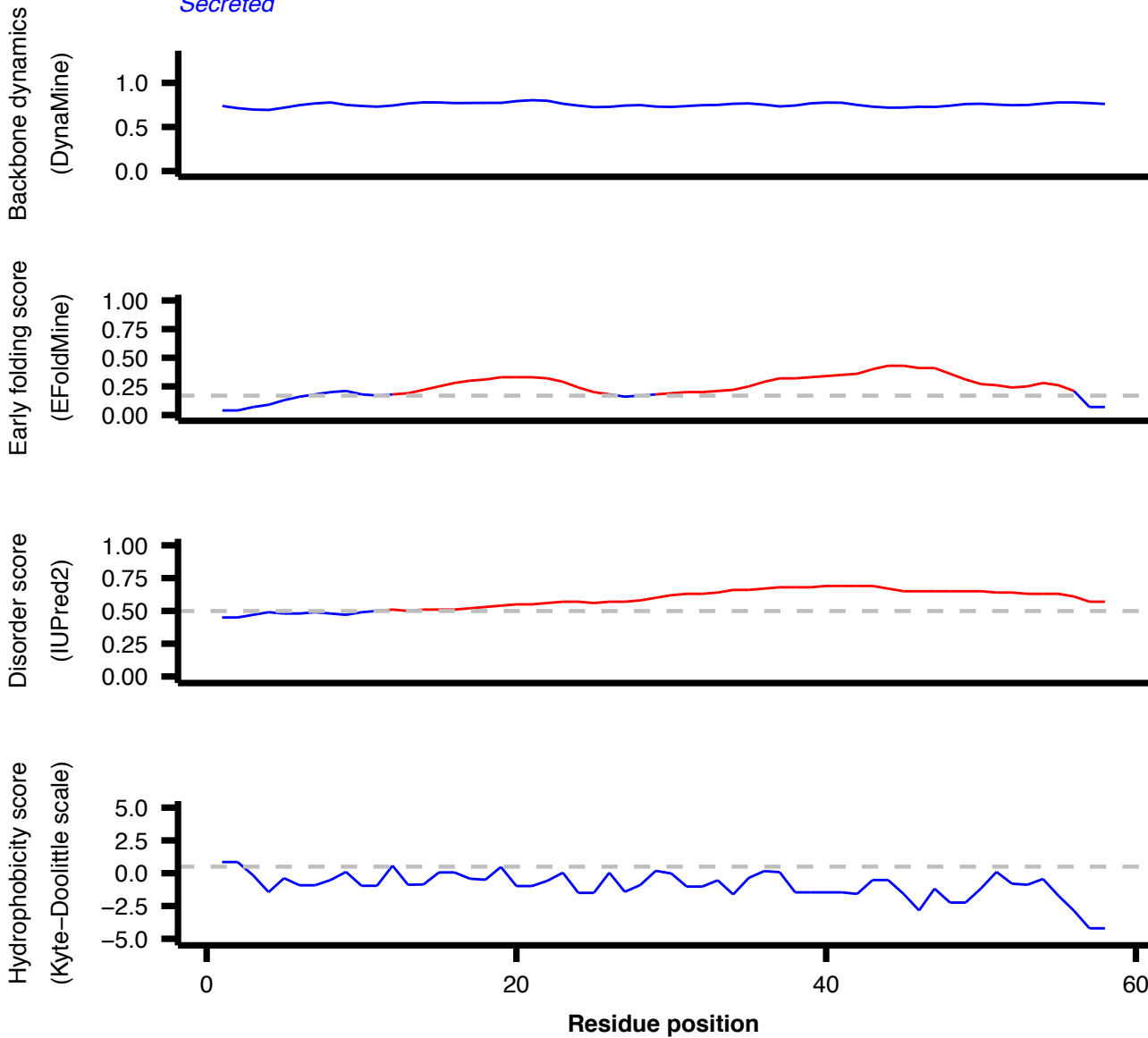
# P0AB38 (LPOB\_ECOLI)

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# P69776 (LPP\_ECOLI)

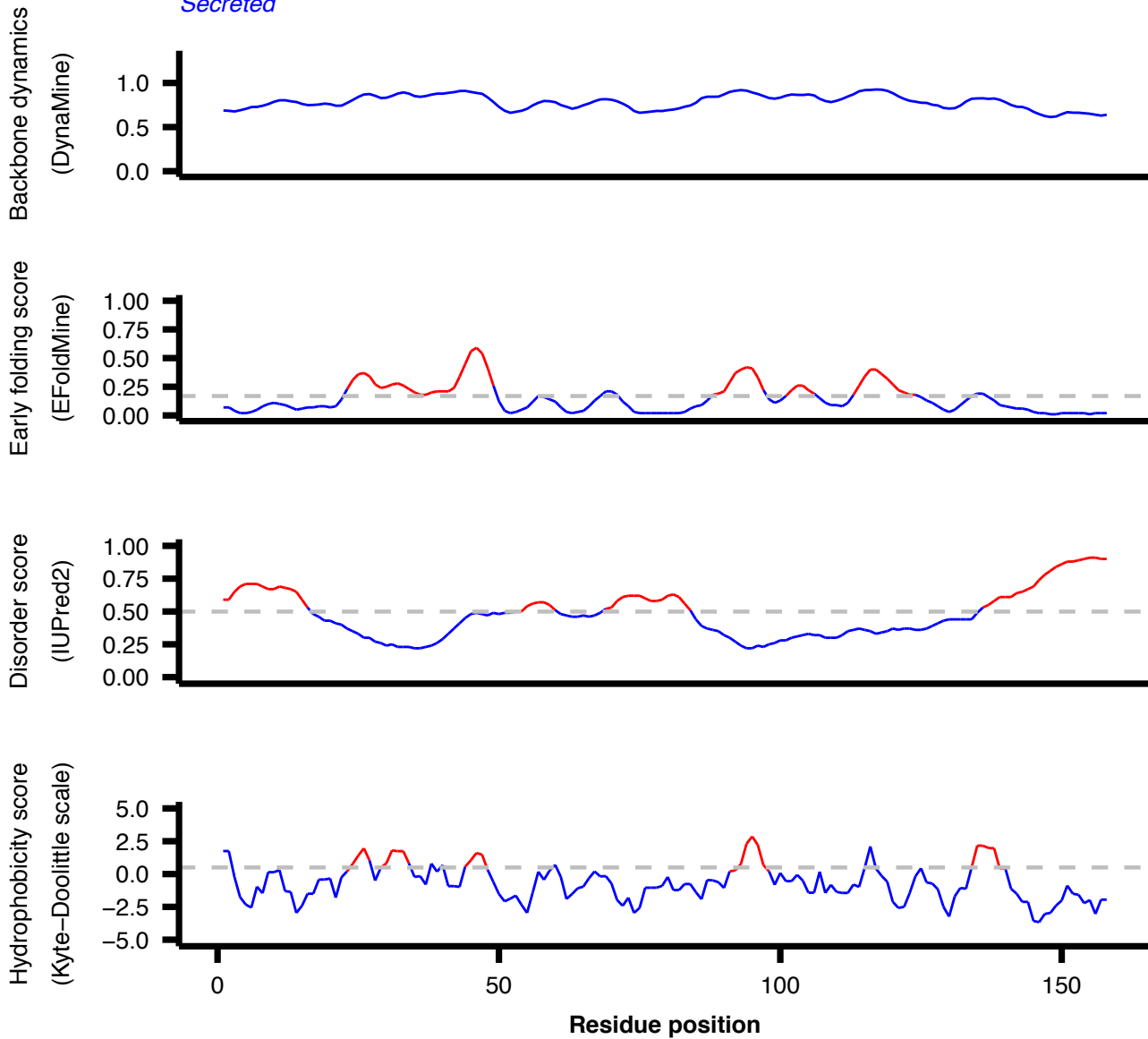
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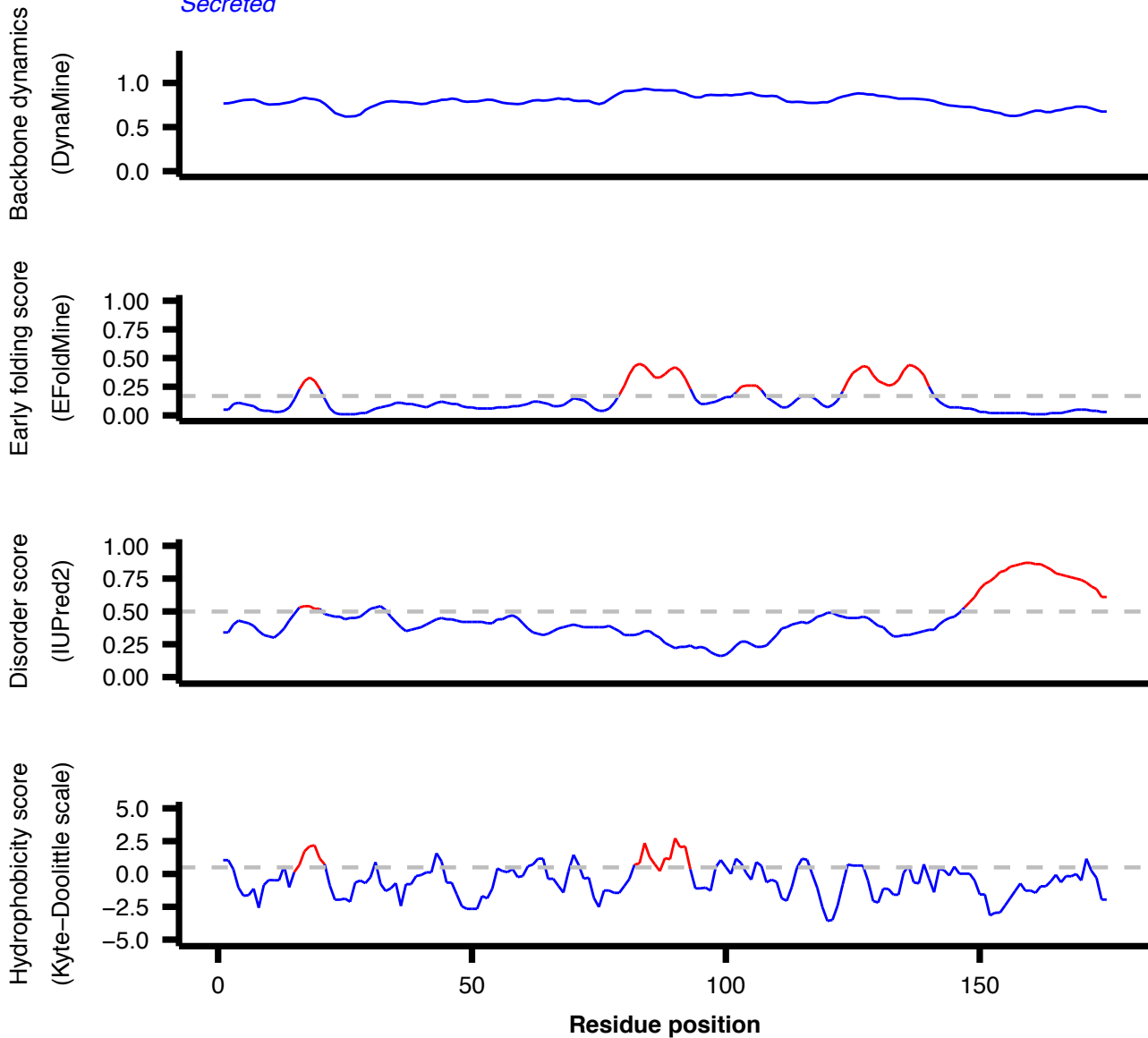
# P0ADV1 (LPTA\_ECOLI)

*Secreted*



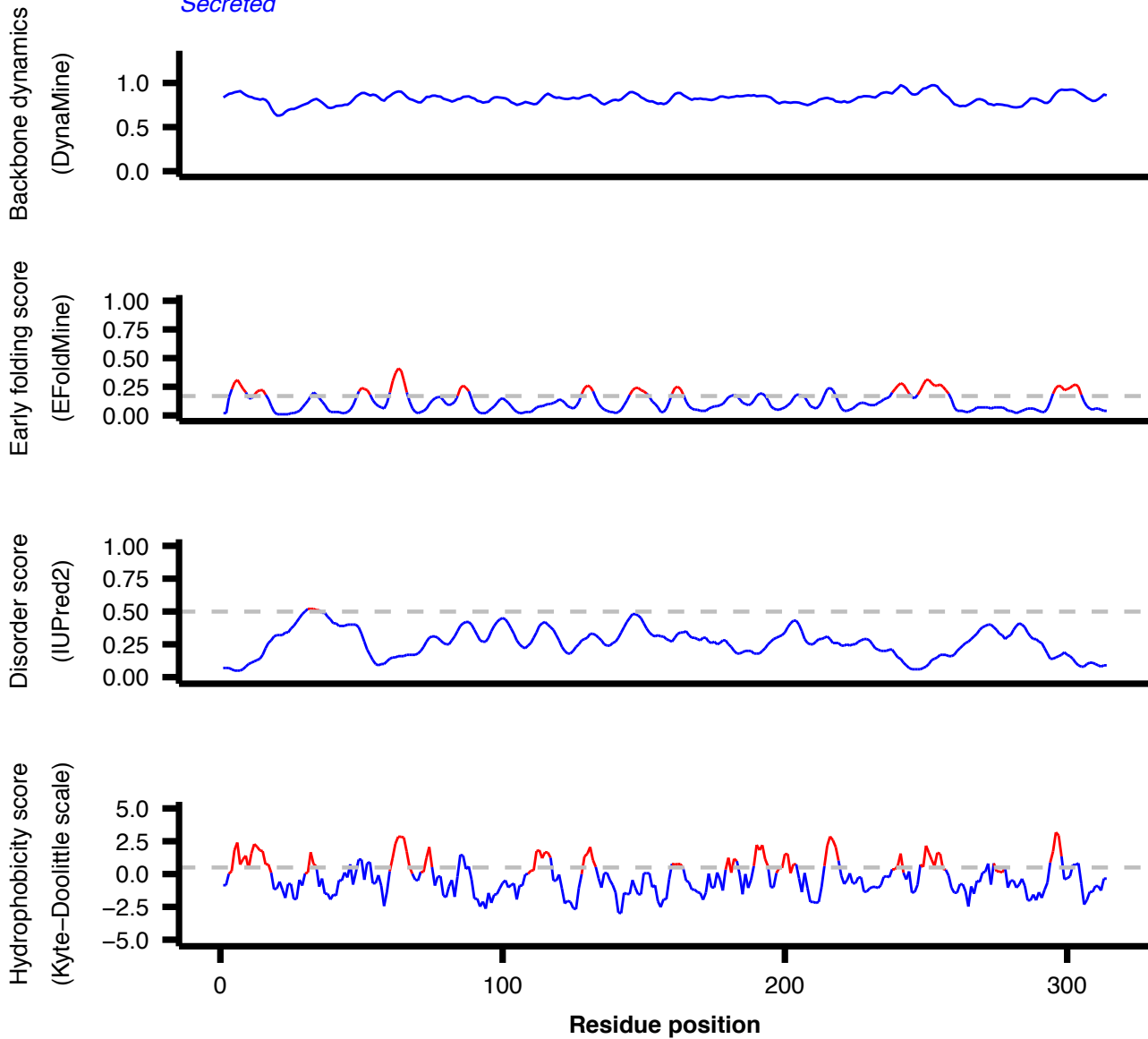
# P0ADC1 (LPTE\_ECOLI)

*Secreted*



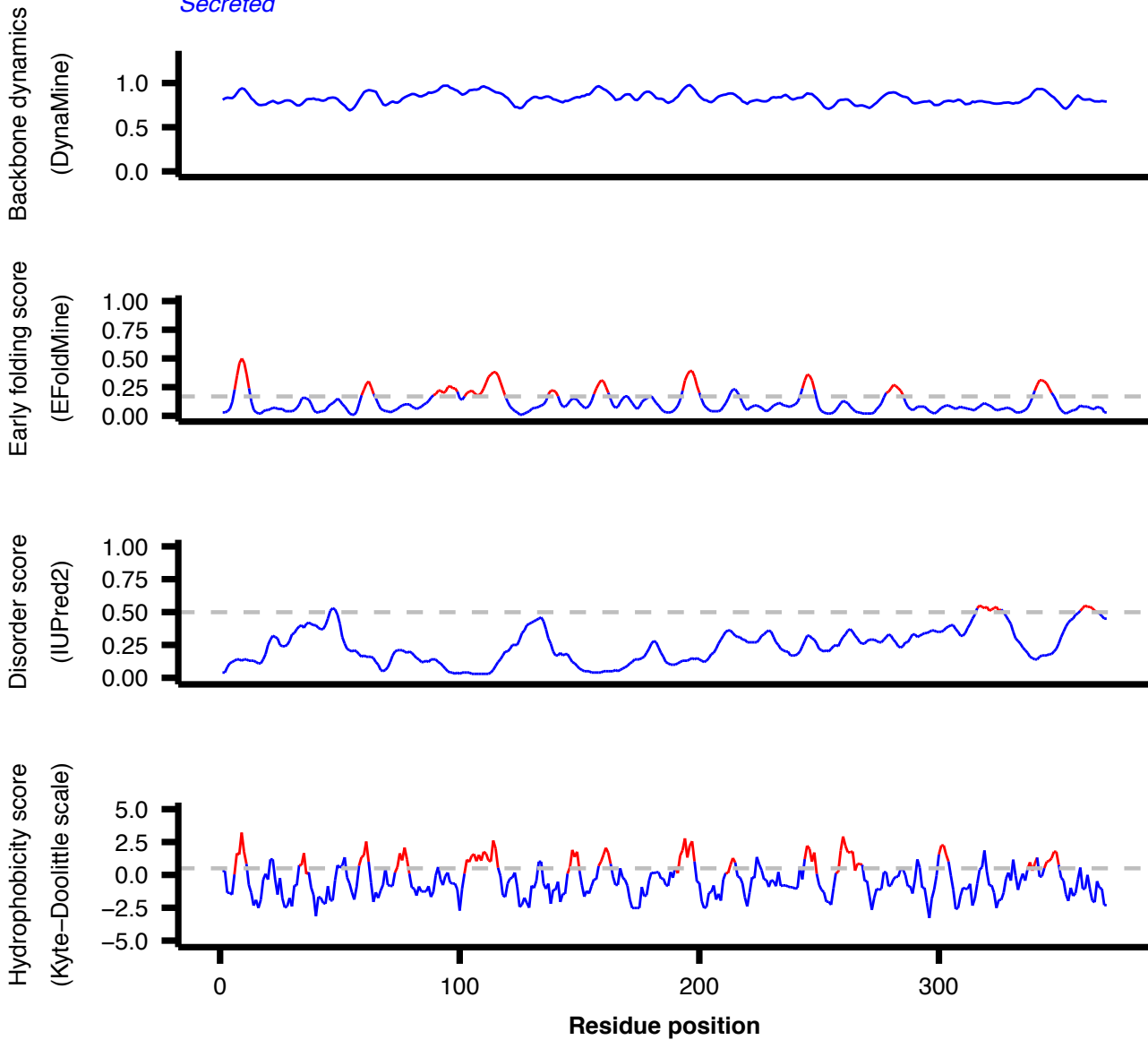
# P76142 (LSRB\_ECOLI)

*Secreted*



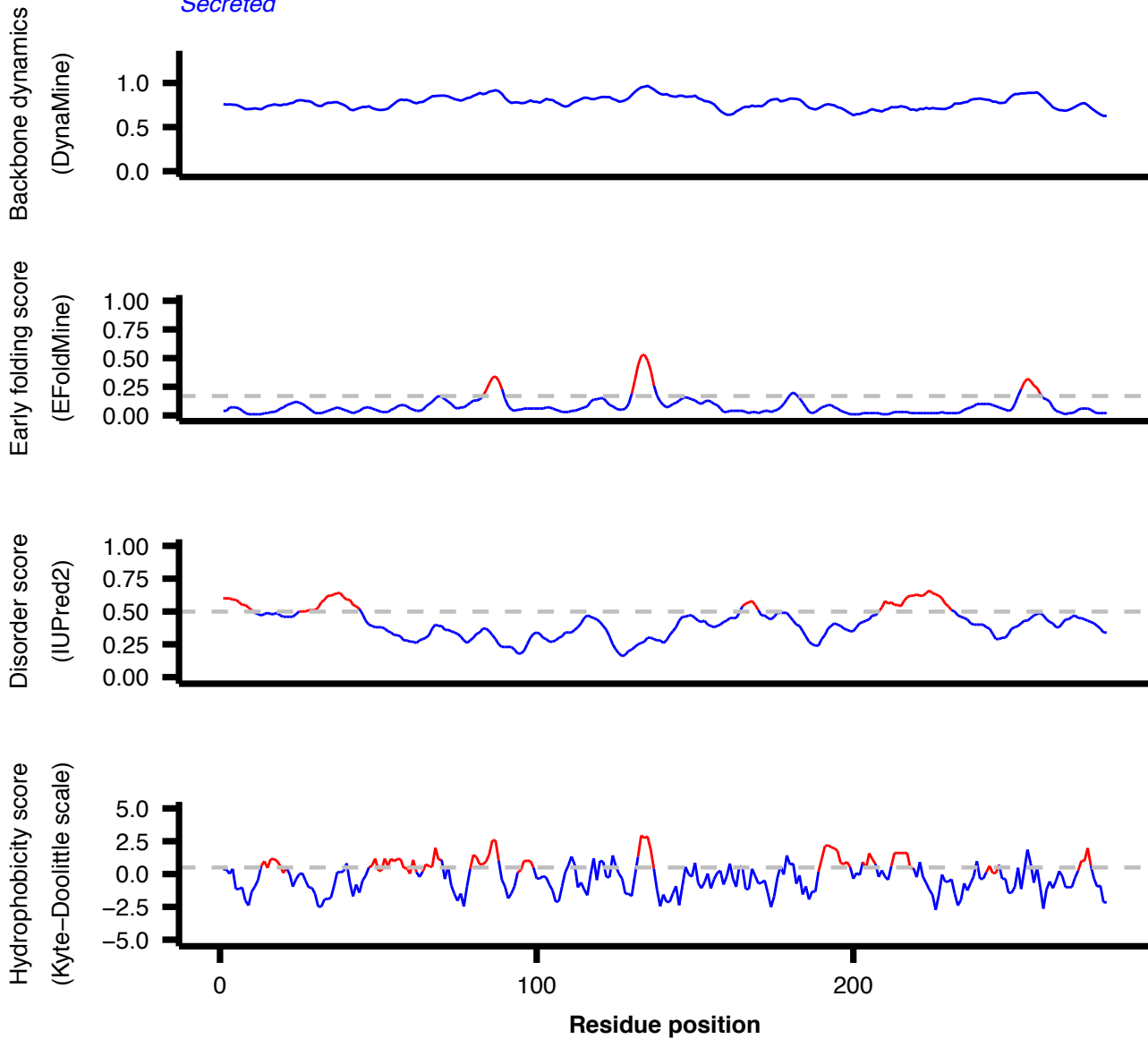
# POAEX9 (MALE\_ECOLI)

*Secreted*



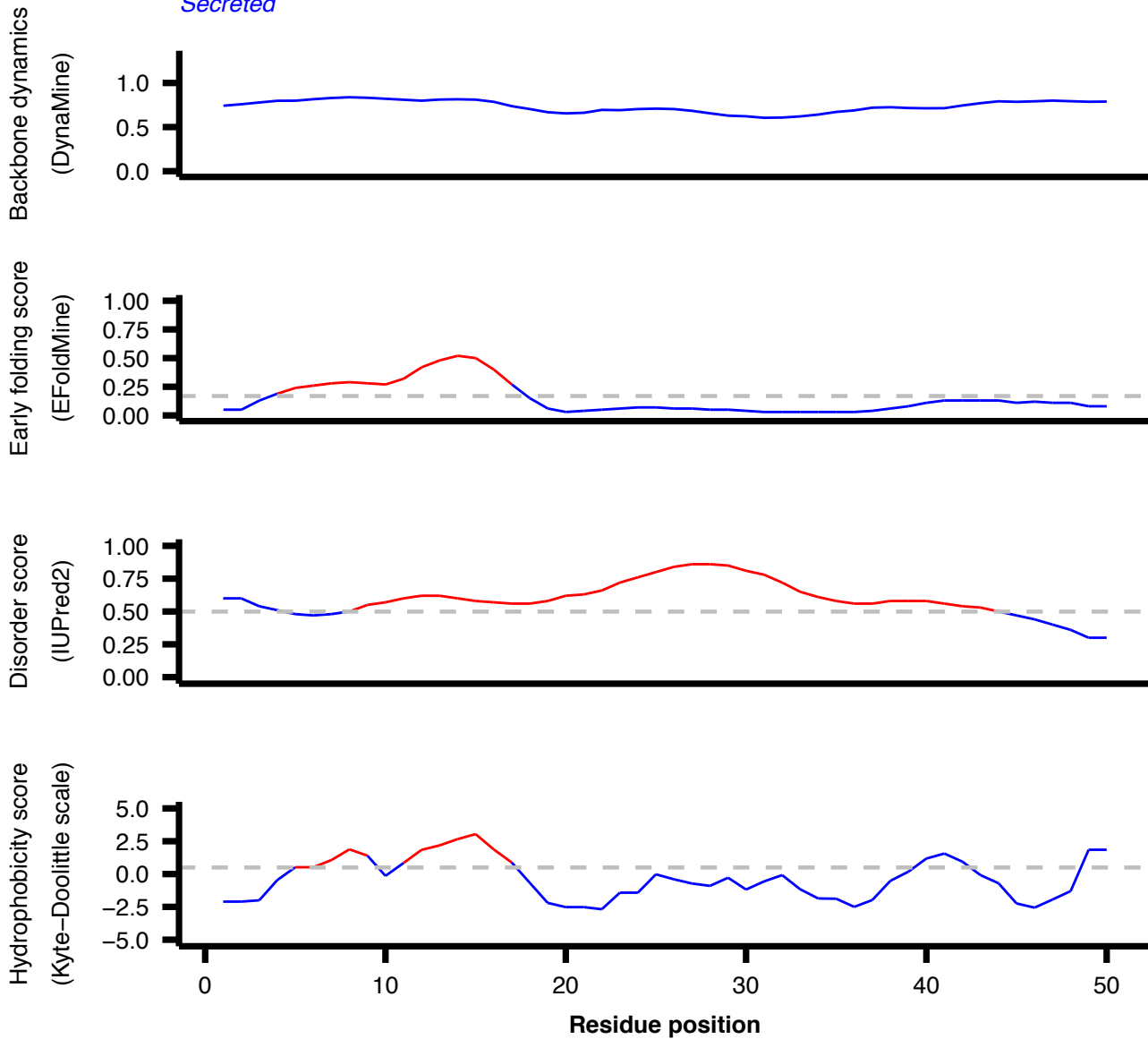
# P03841 (MALM\_ECOLI)

*Secreted*



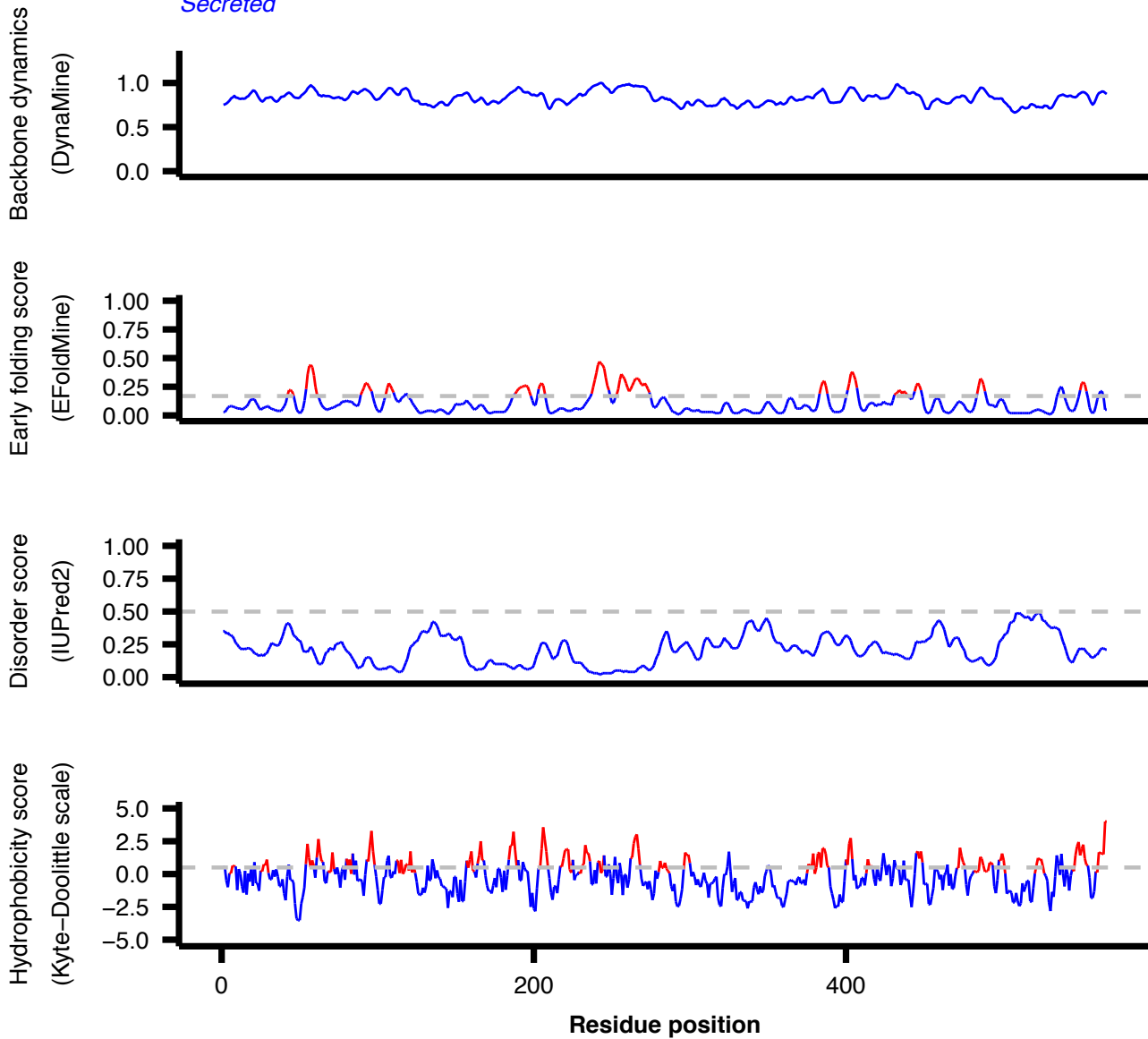
# P31121 (MARB\_ECOLI)

*Secreted*



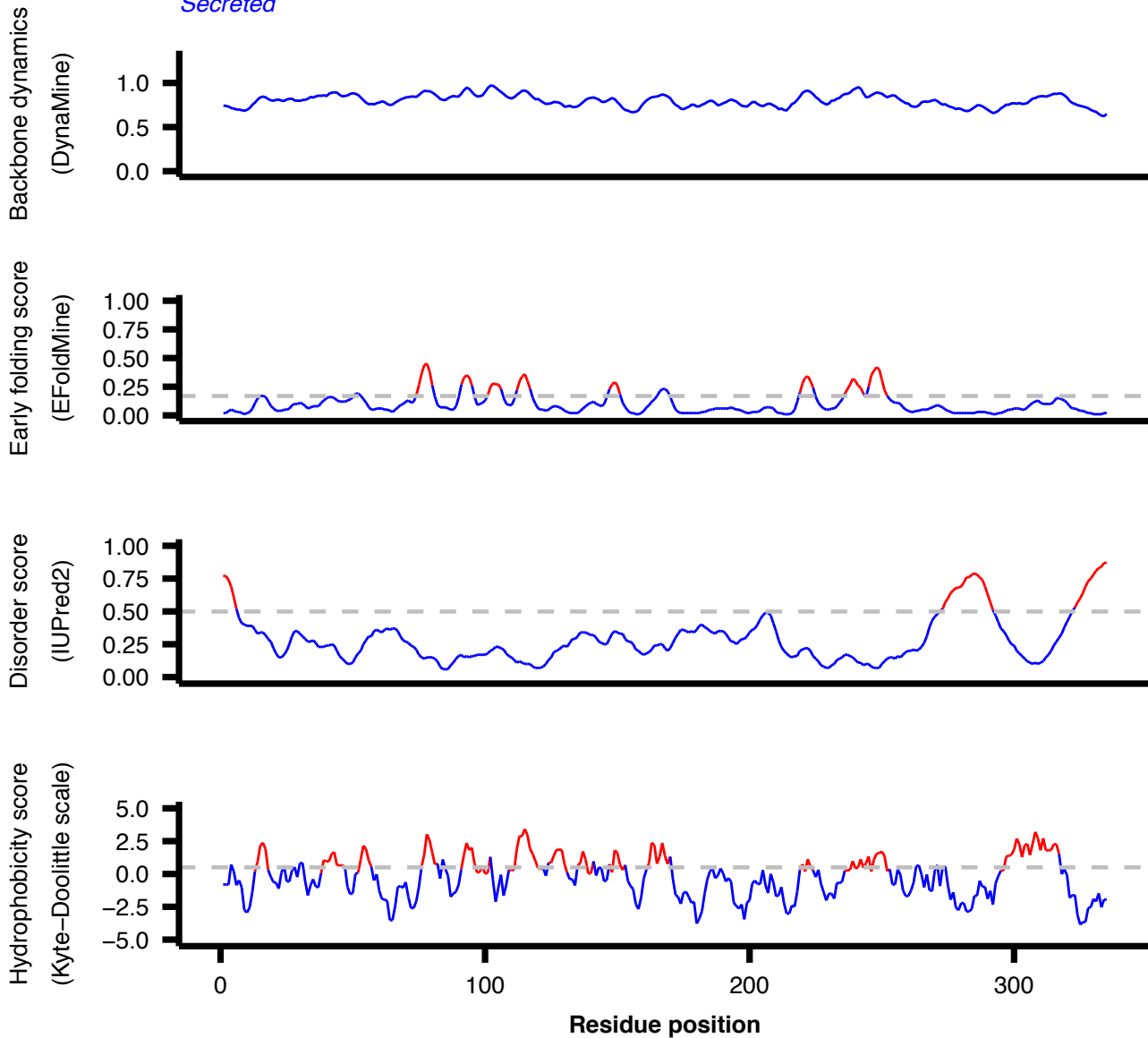
# P0ACE0 (MBHM\_ECOLI)

*Secreted*



# P69741 (MBHT\_ECOLI)

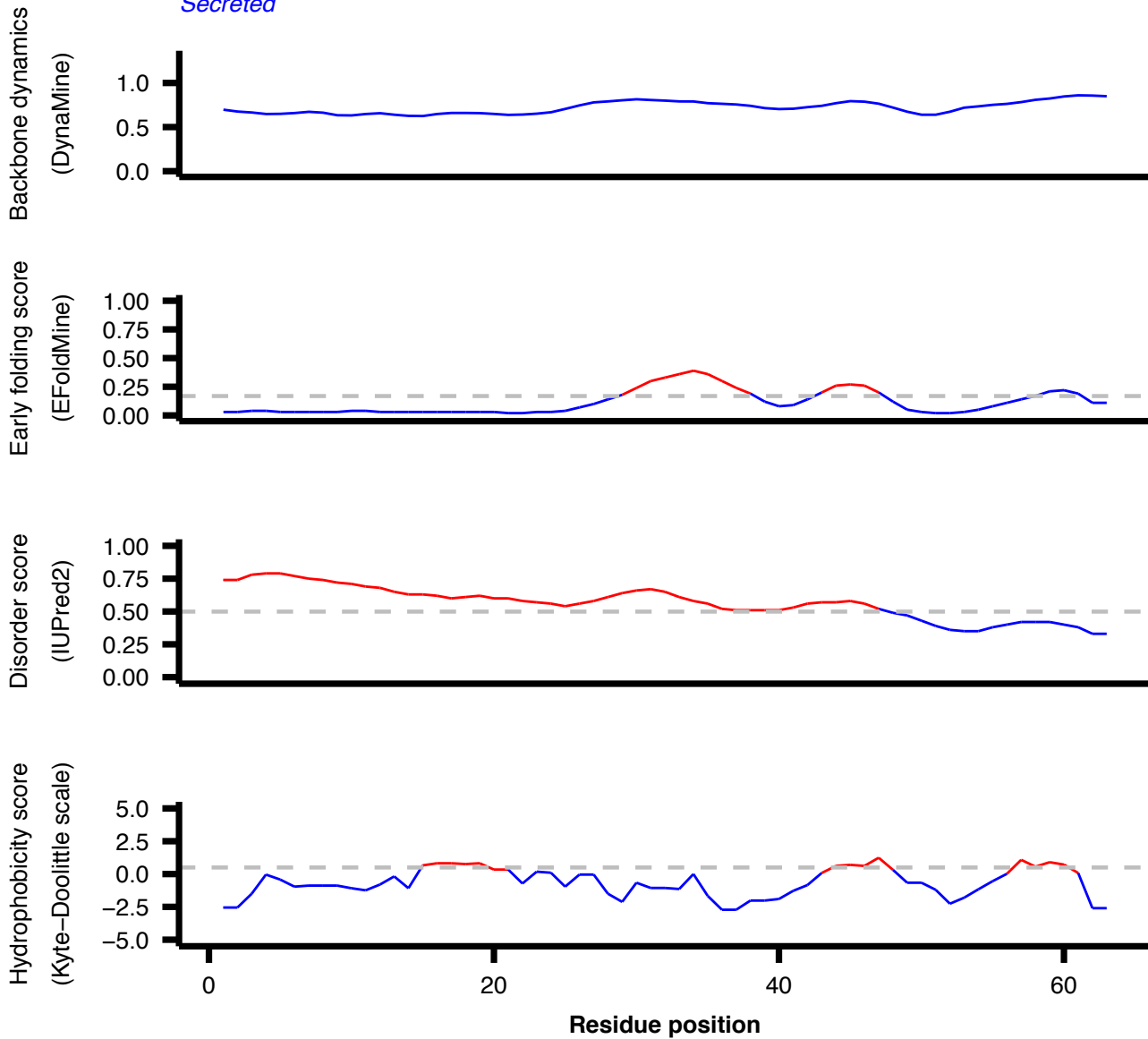
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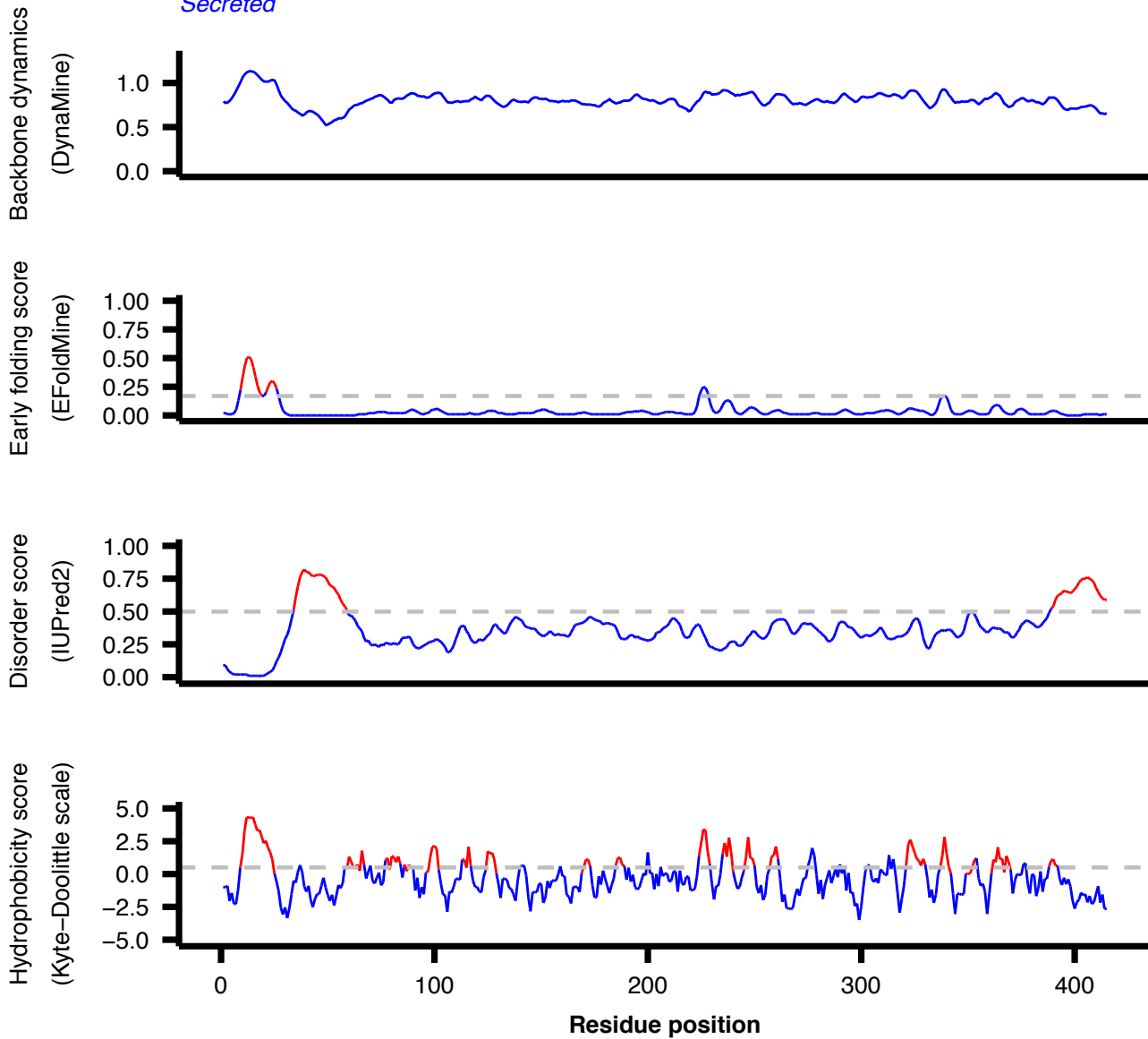
# P0AAX6 (MCBA\_ECOLI)

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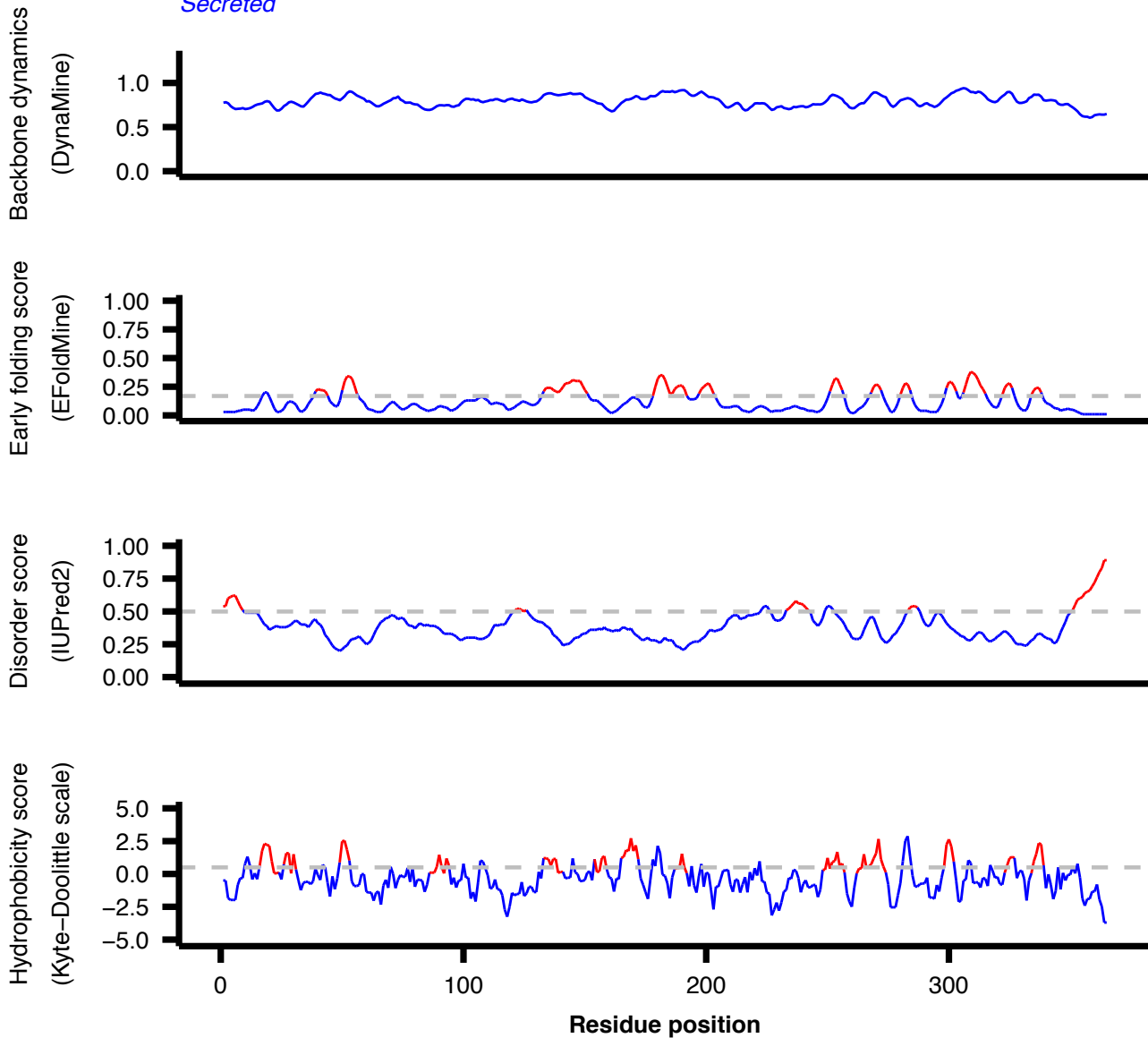
# P76397 (MDTA\_ECOLI)

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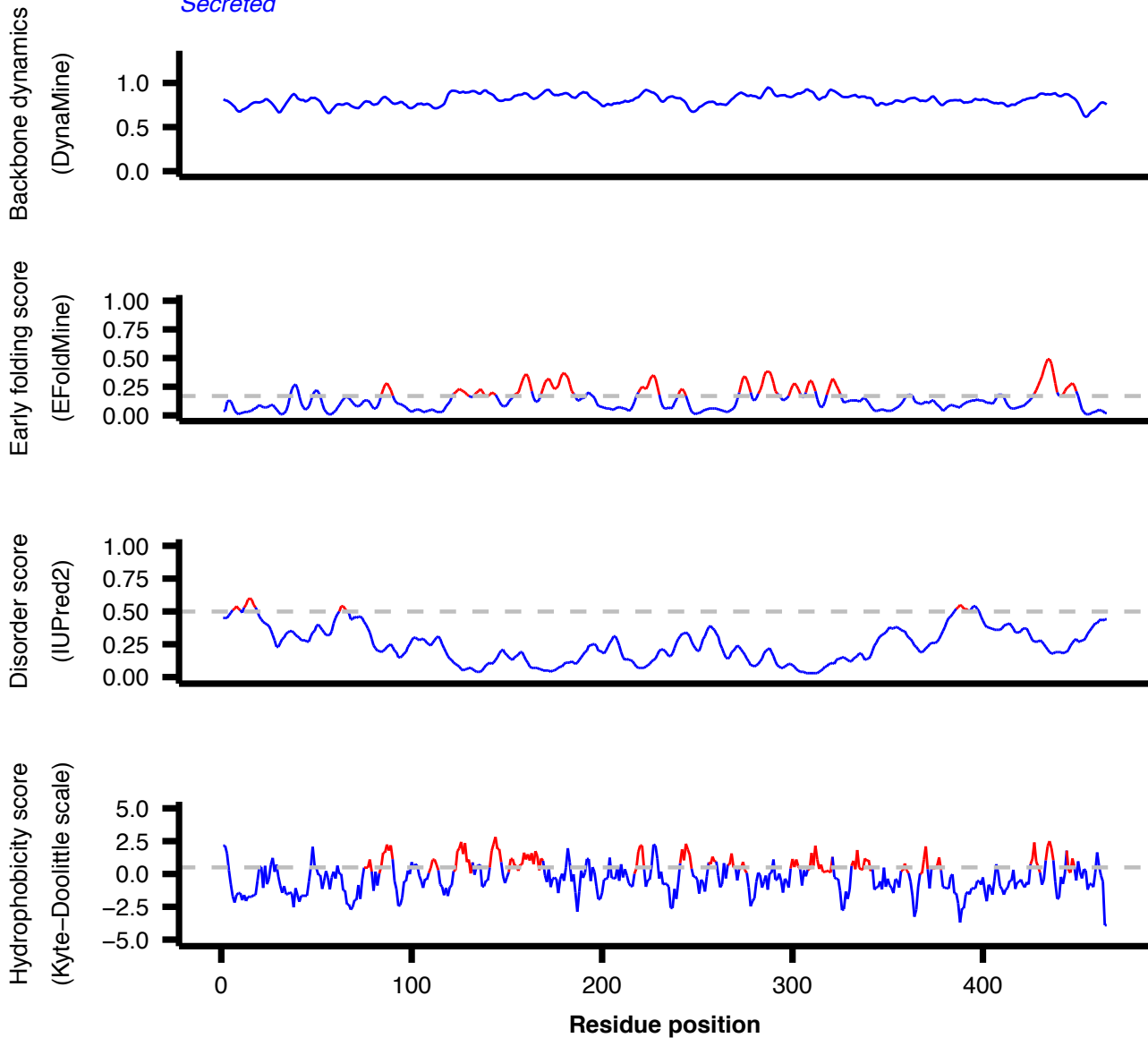
# P37636 (MDTE\_ECOLI)

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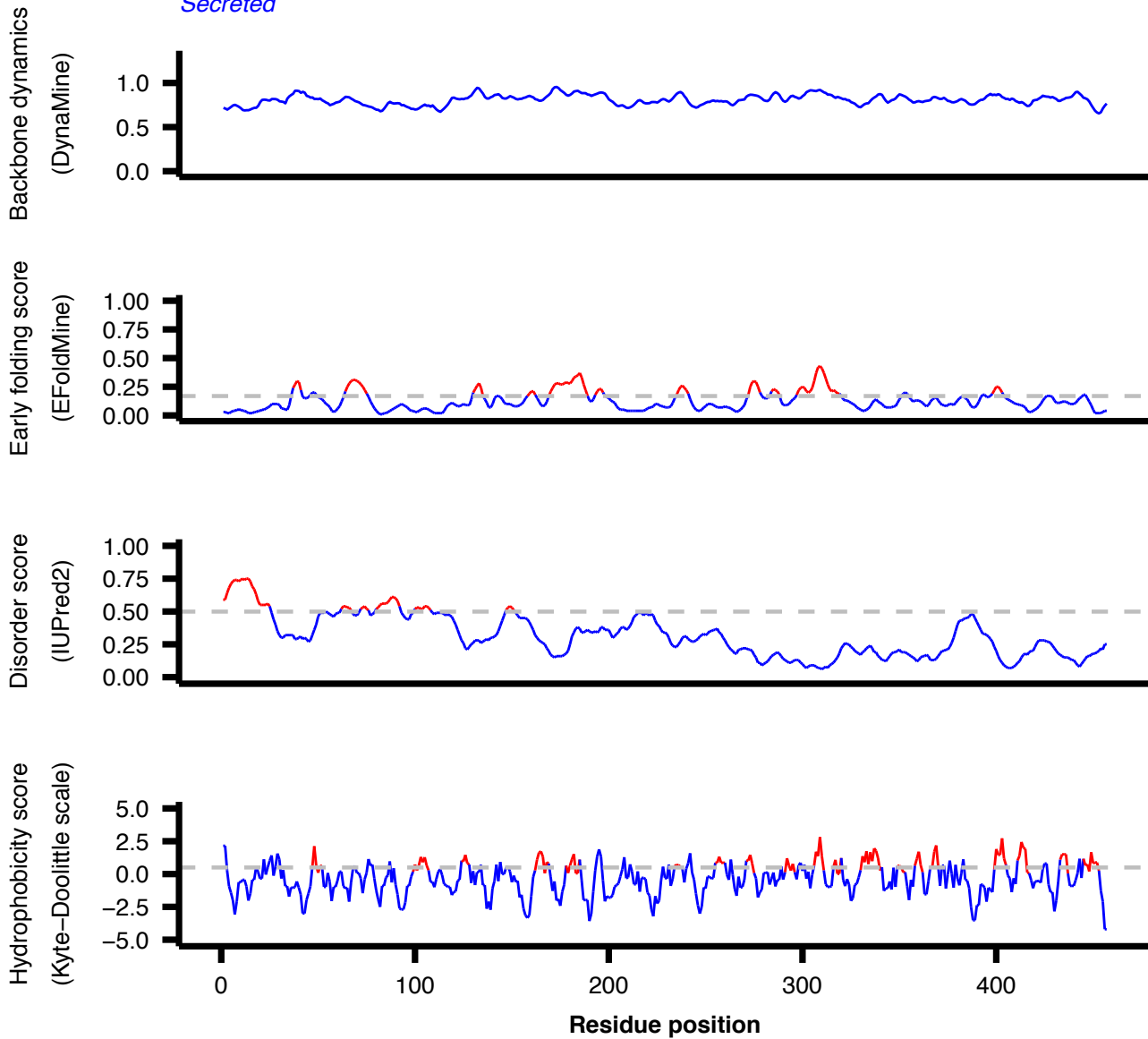
# P32714 (MDTP\_ECOLI)

*Secreted*



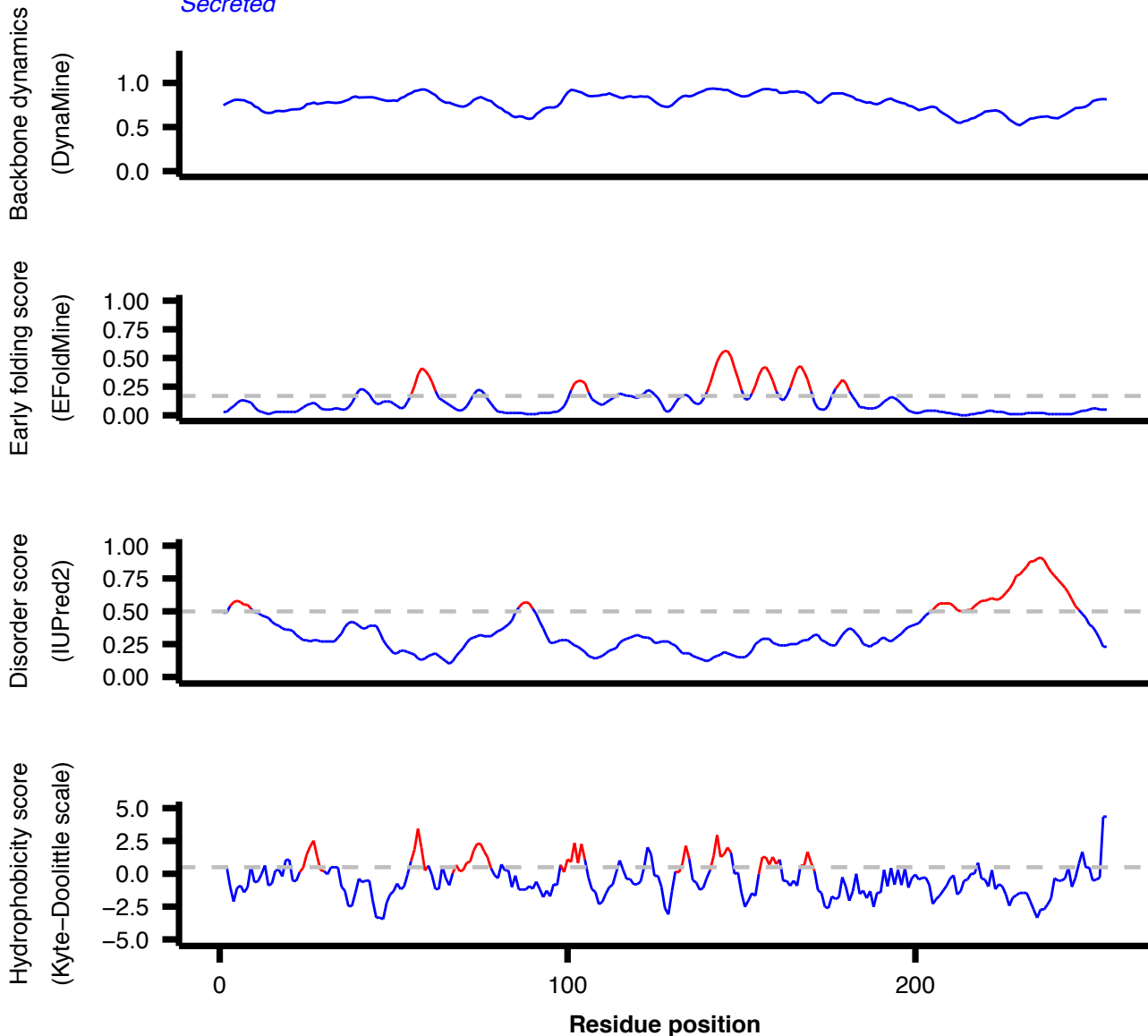
# P33369 (MDTQ\_ECOLI)

*Secreted*



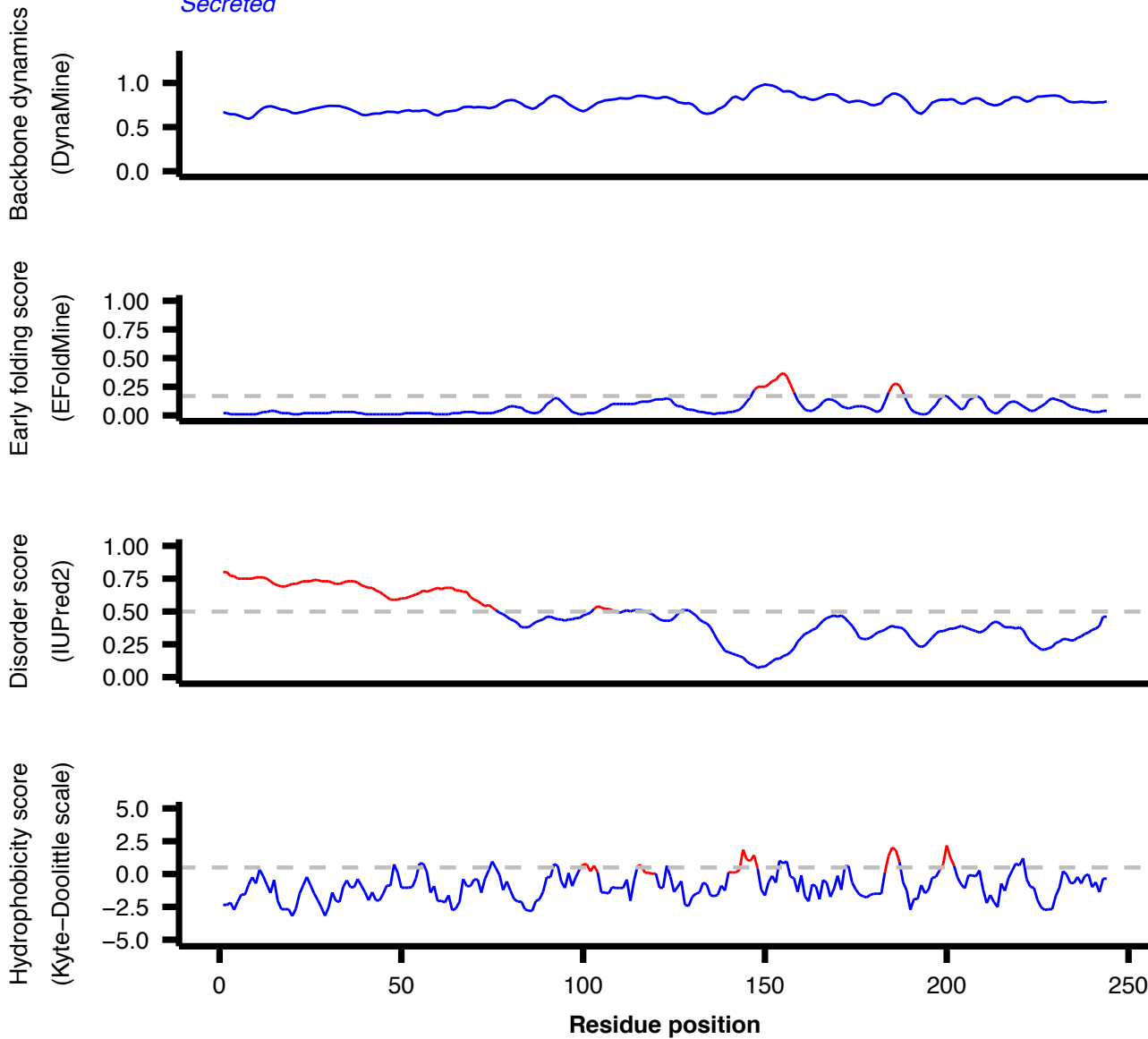
# P0C0T5 (MEPA\_ECOLI)

*Secreted*



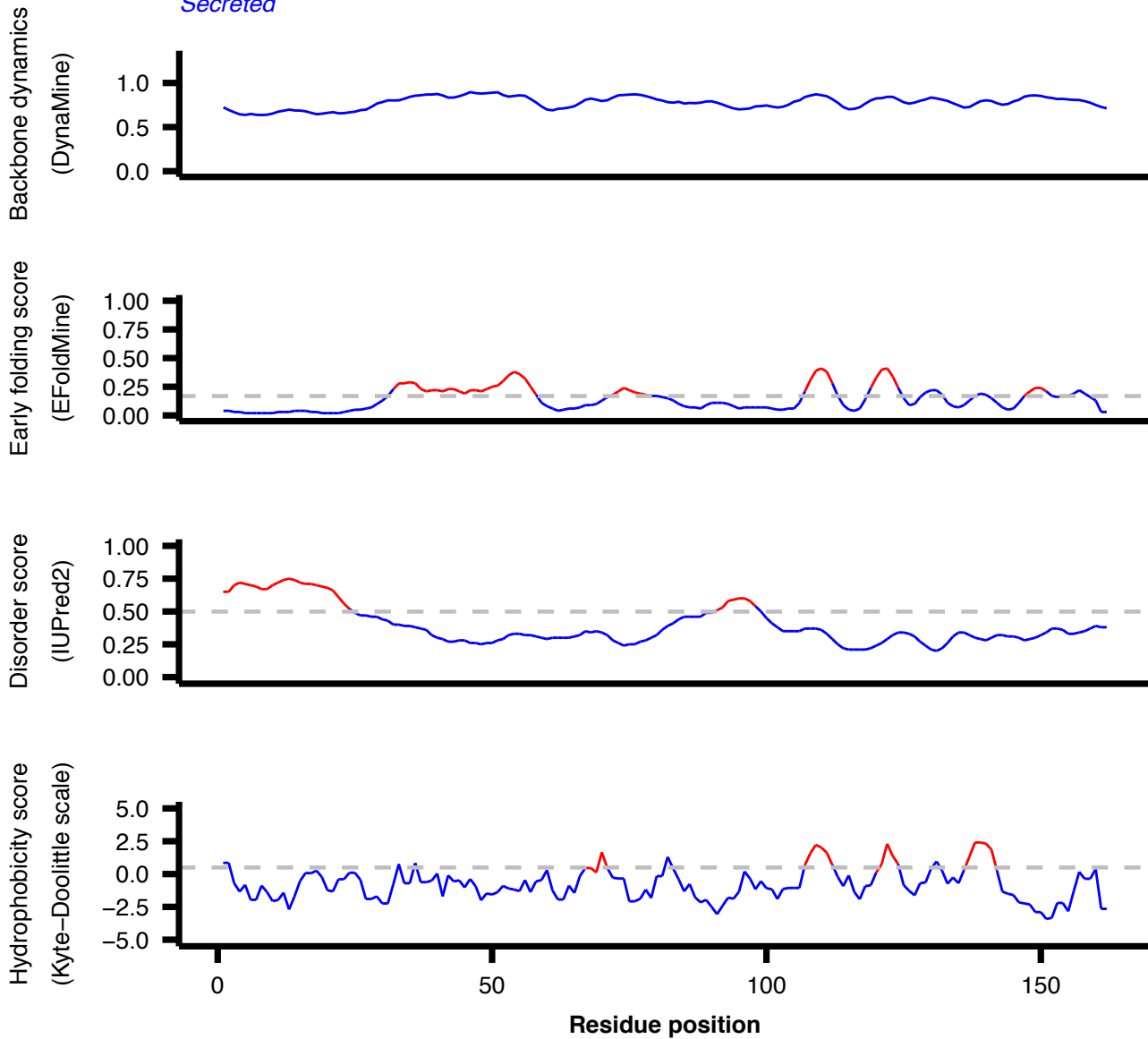
# P76190 (MEPH\_ECOLI)

*Secreted*



# P0AFV4 (MEPS\_ECOLI)

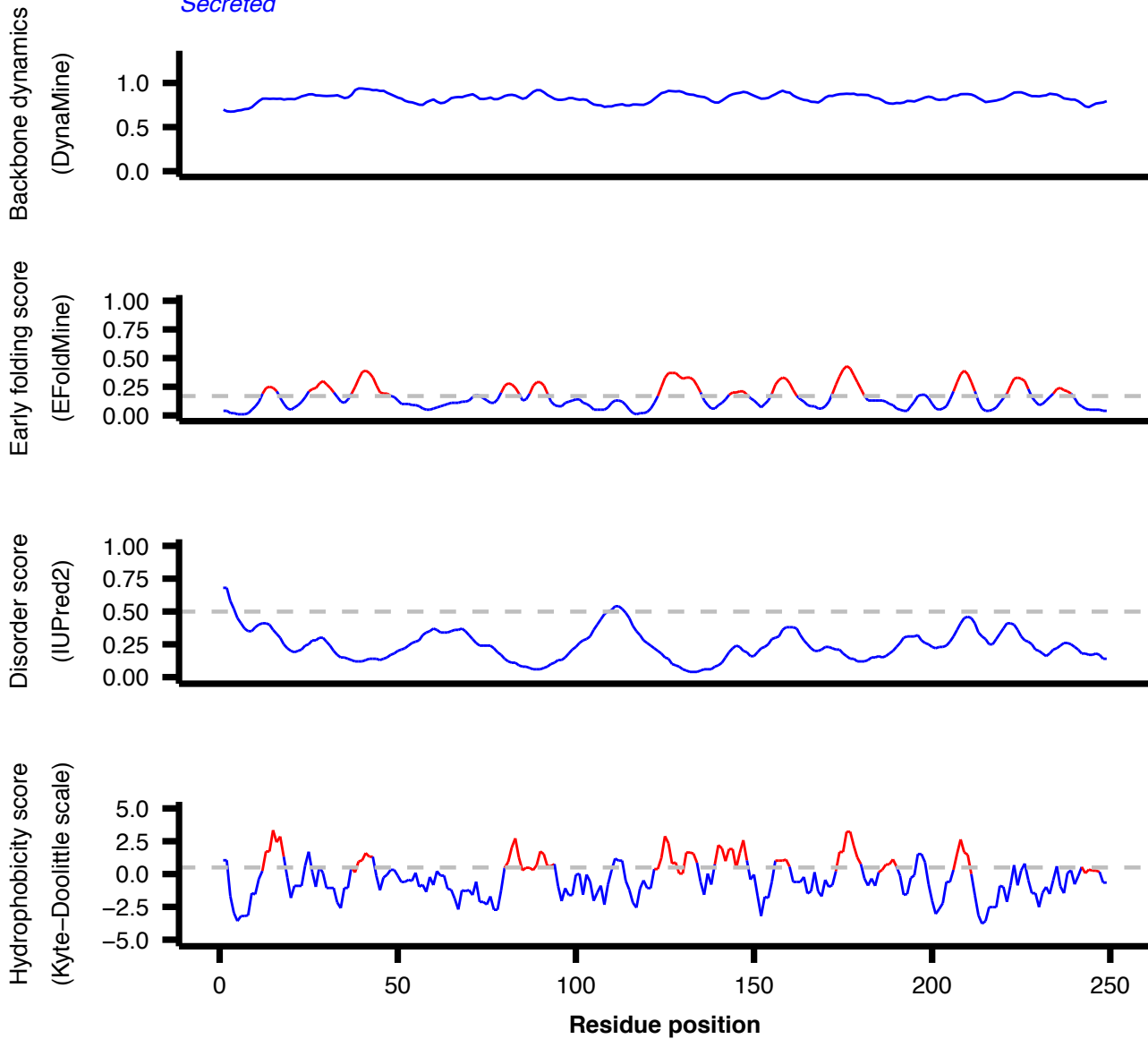
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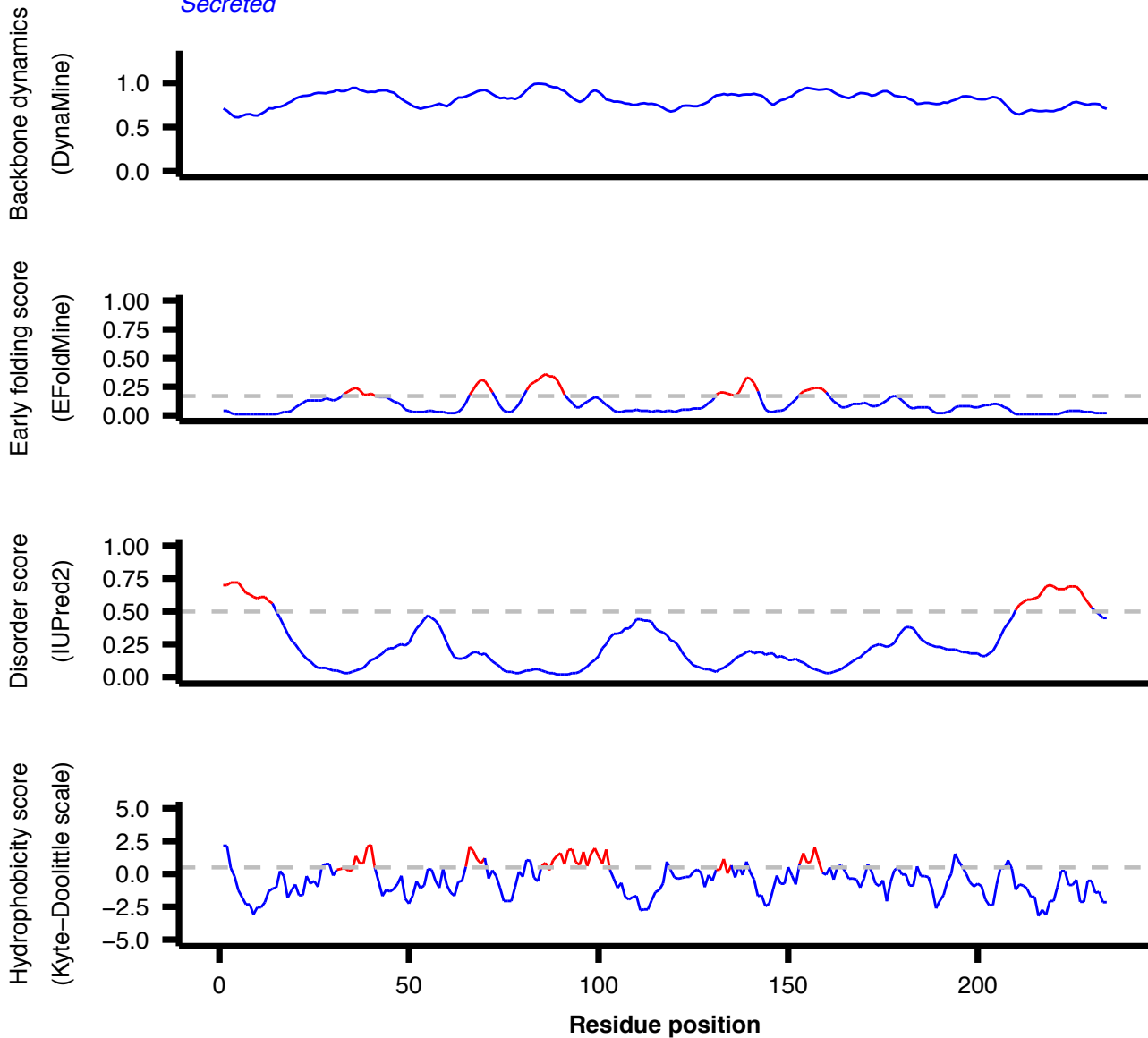
# P28635 (METQ\_ECOLI)

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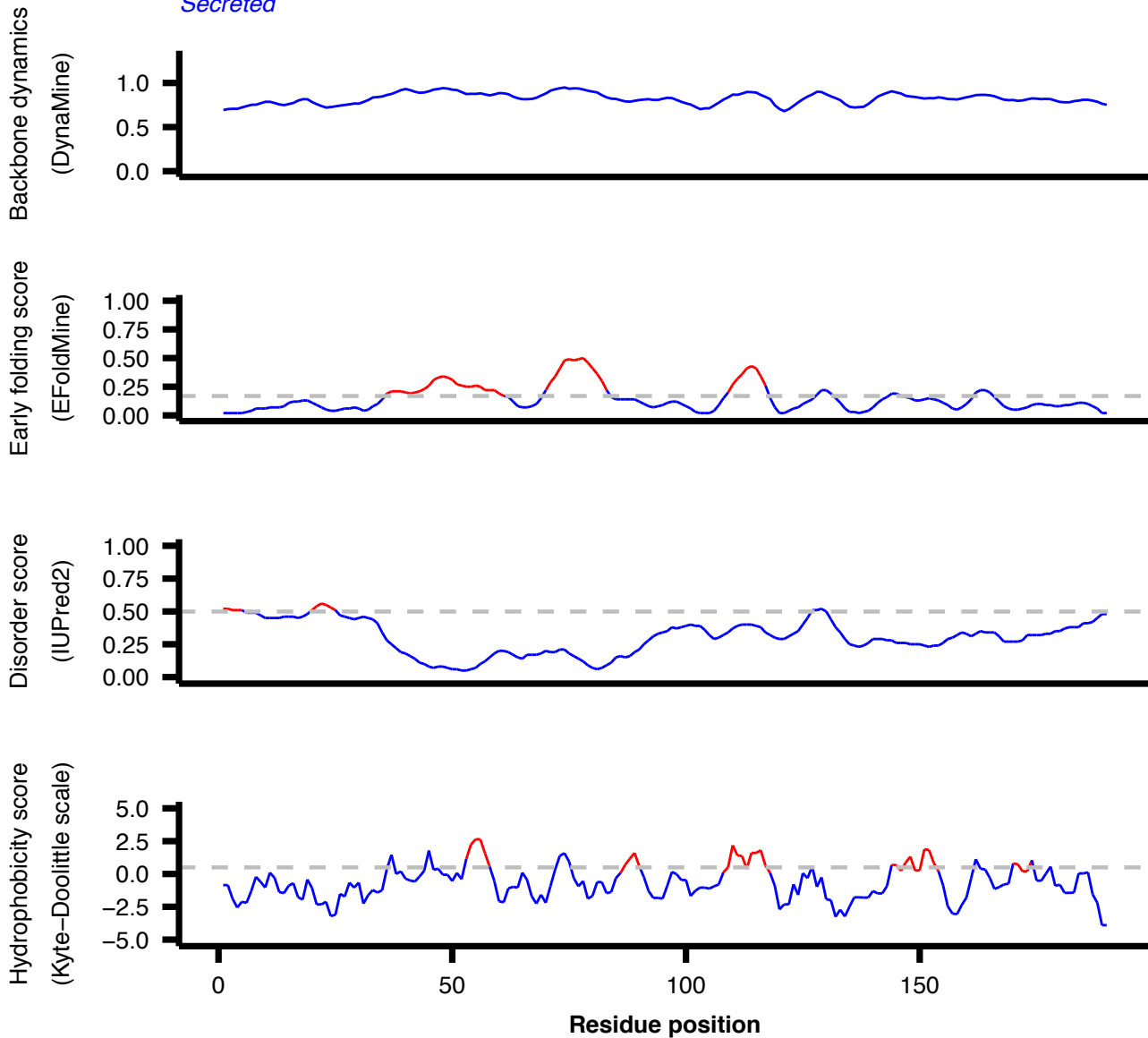
# P76506 (MLAA\_ECOLI)

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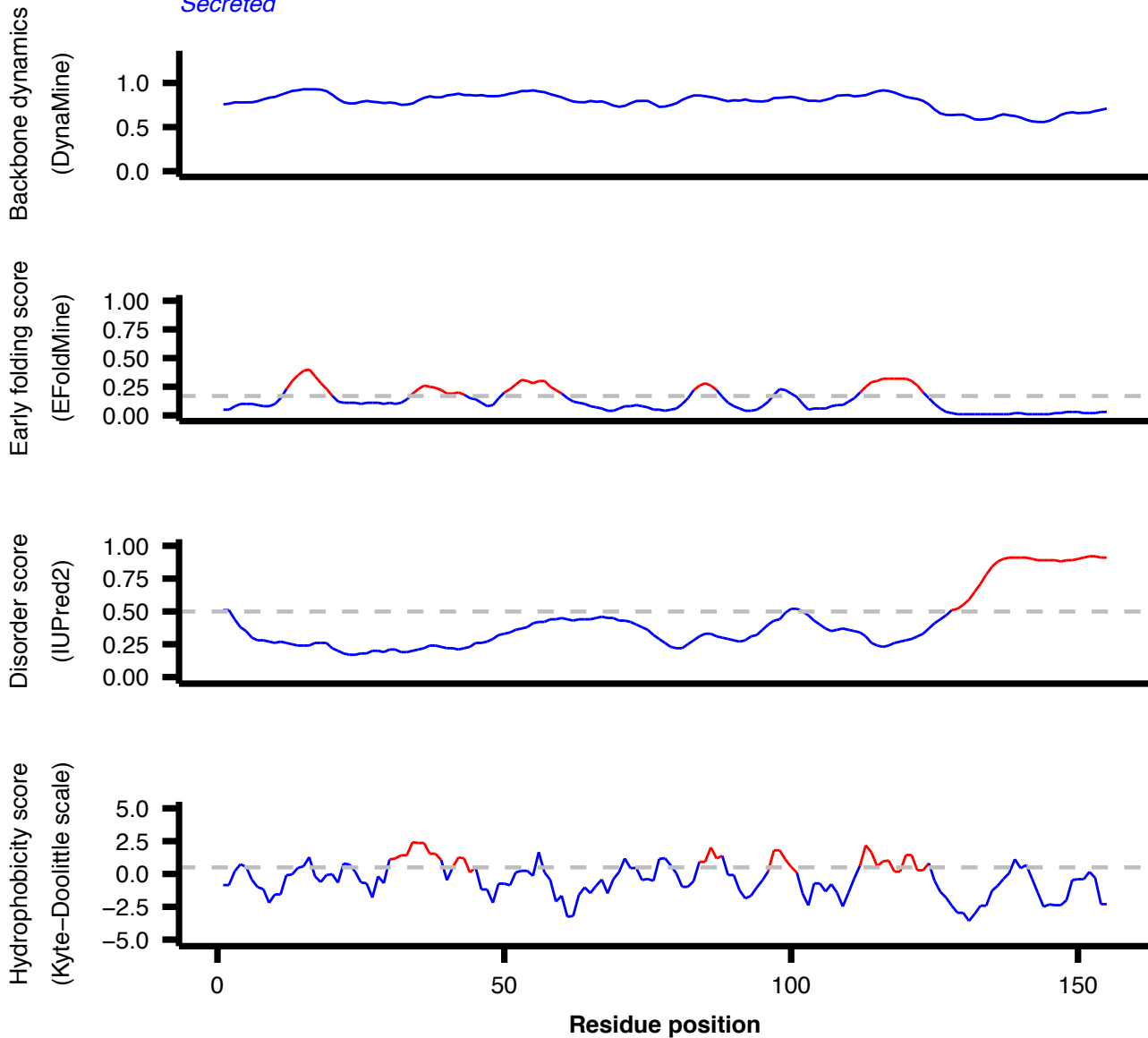
# P0ADV7 (MLAC\_ECOLI)

*Secreted*



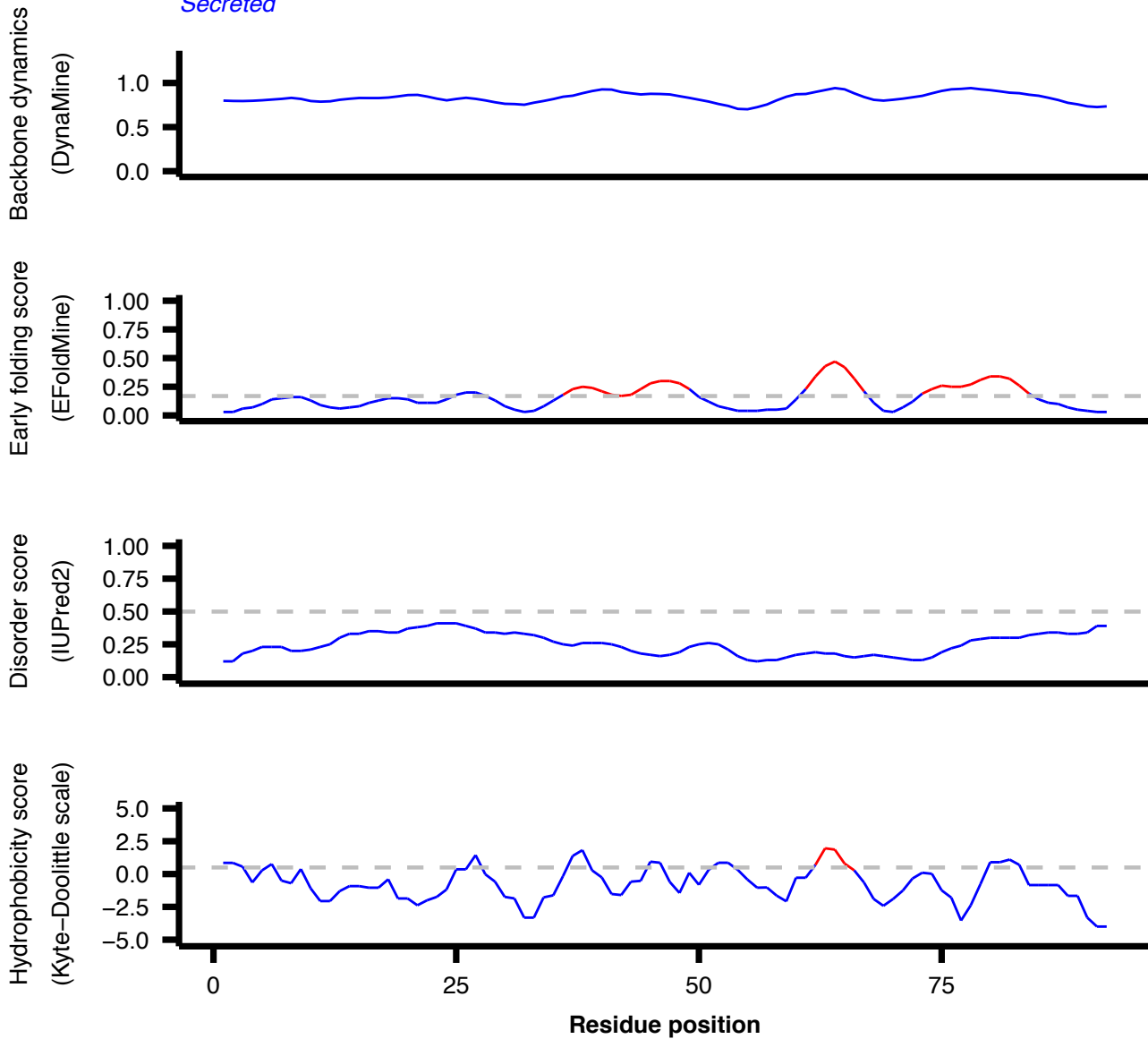
# P64604 (MLAD\_ECOLI)

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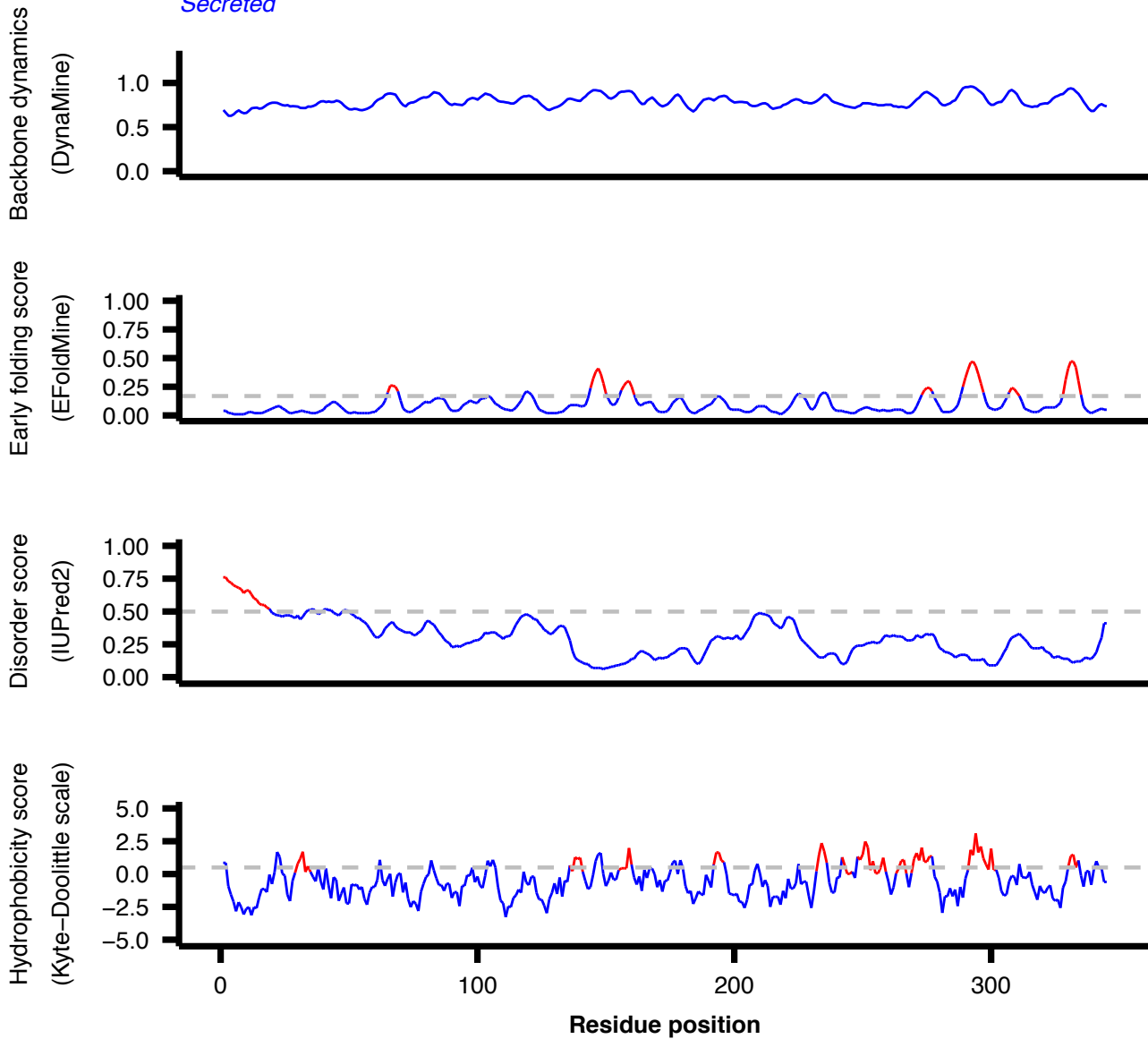
# P28224 (MLIC\_ECOLI)

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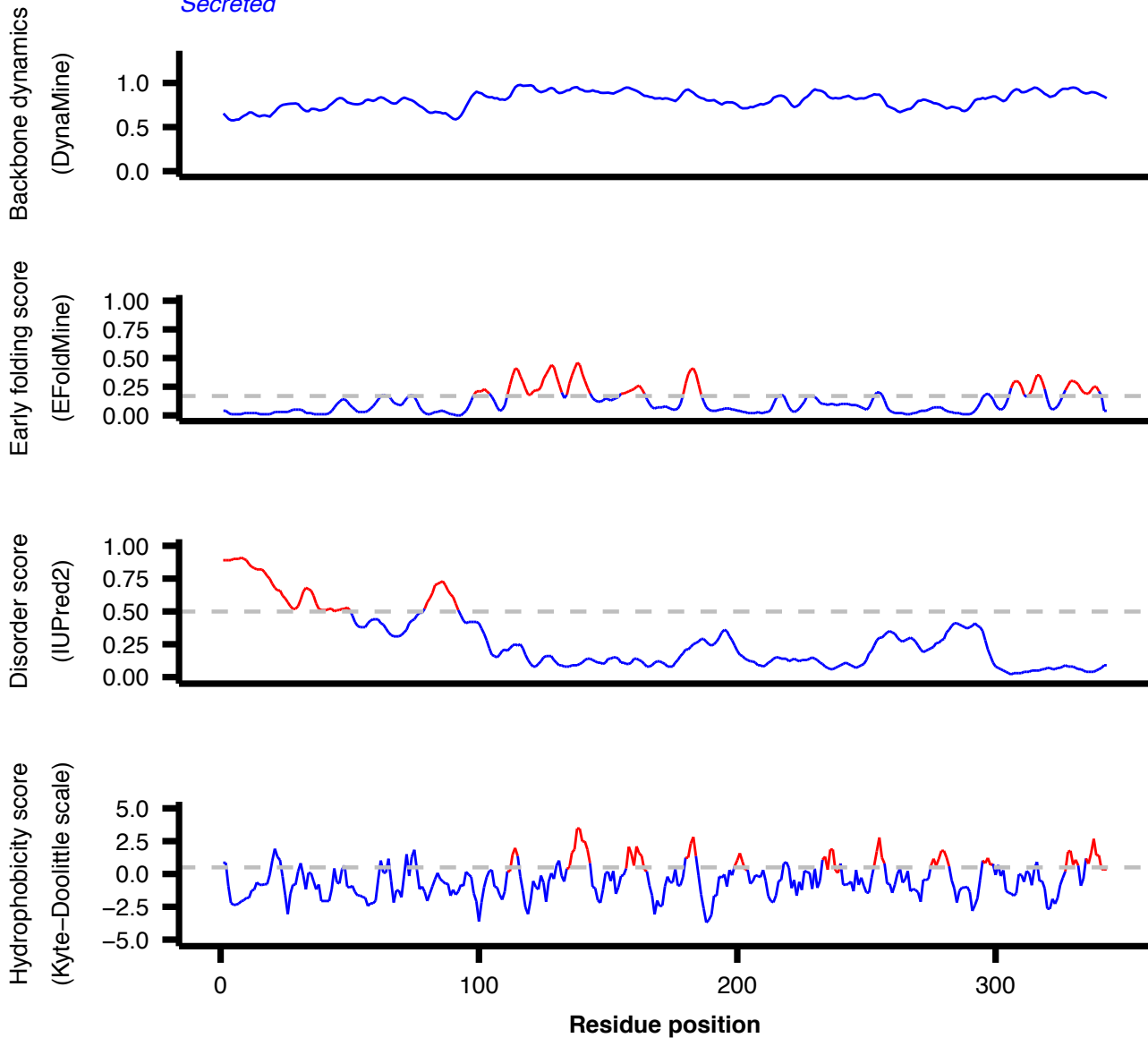
# P0A935 (MLTA\_ECOLI)

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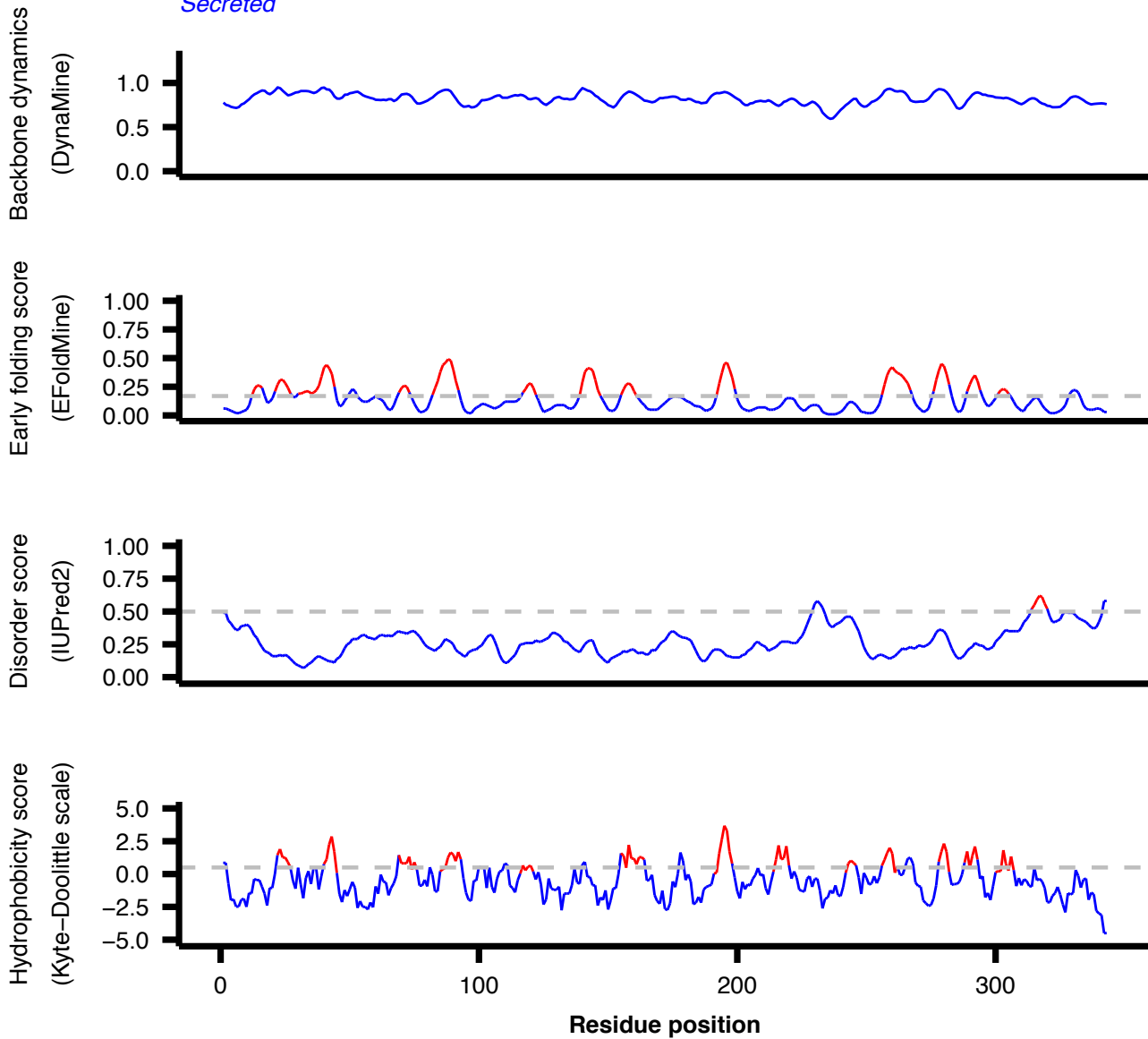
# P41052 (MLTB\_ECOLI)

*Secreted*



# P0C066 (MLTC\_ECOLI)

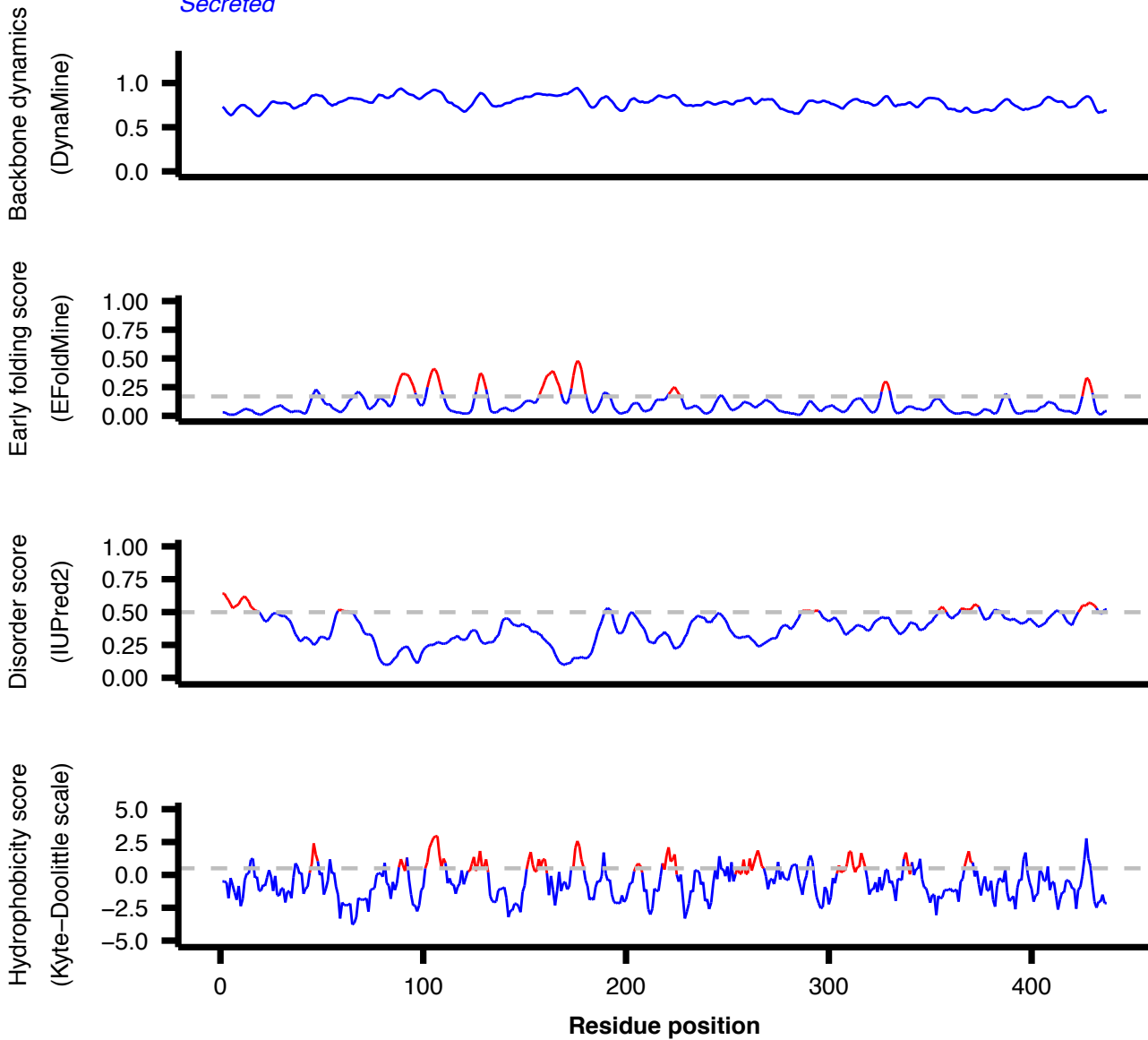
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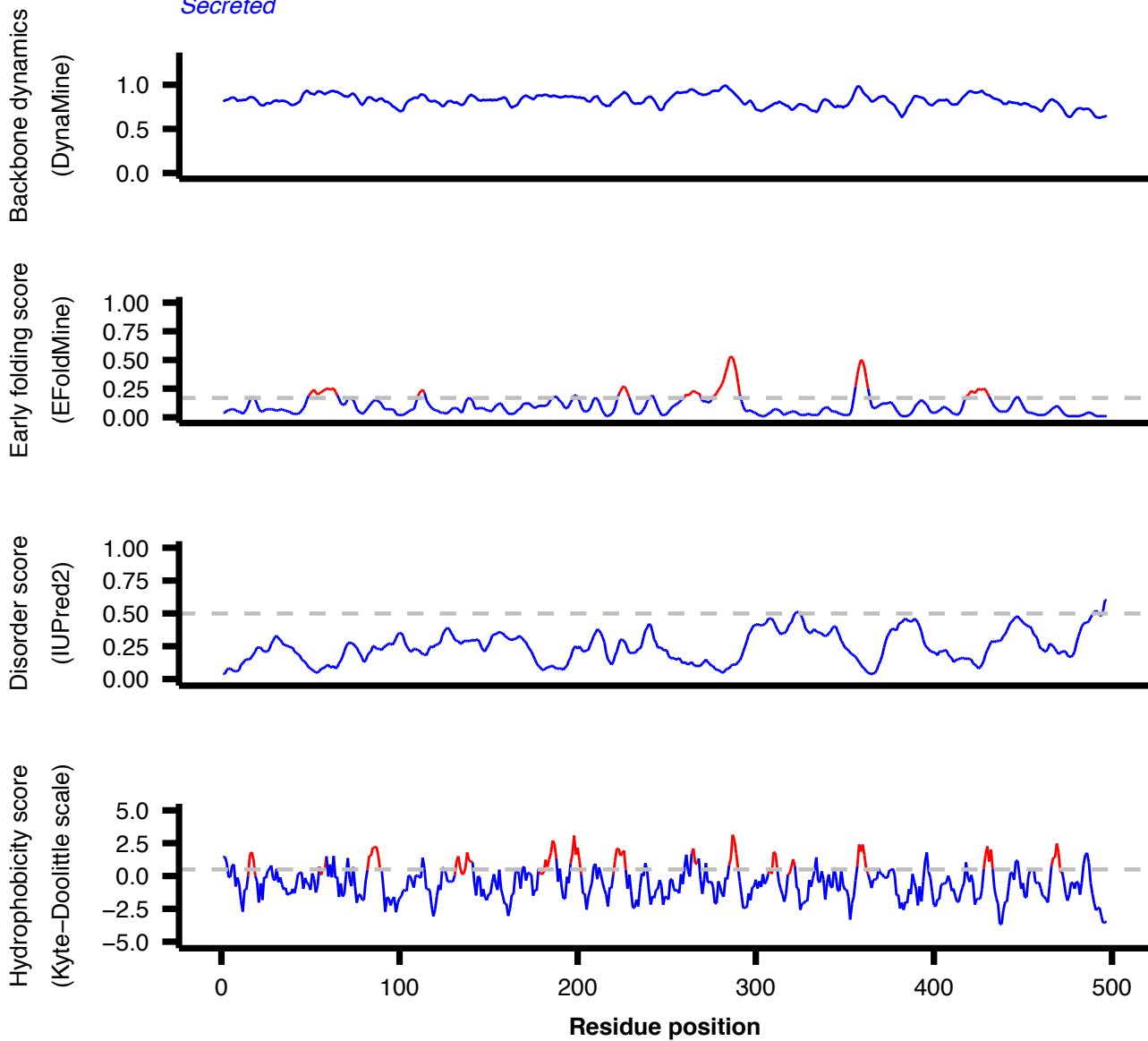
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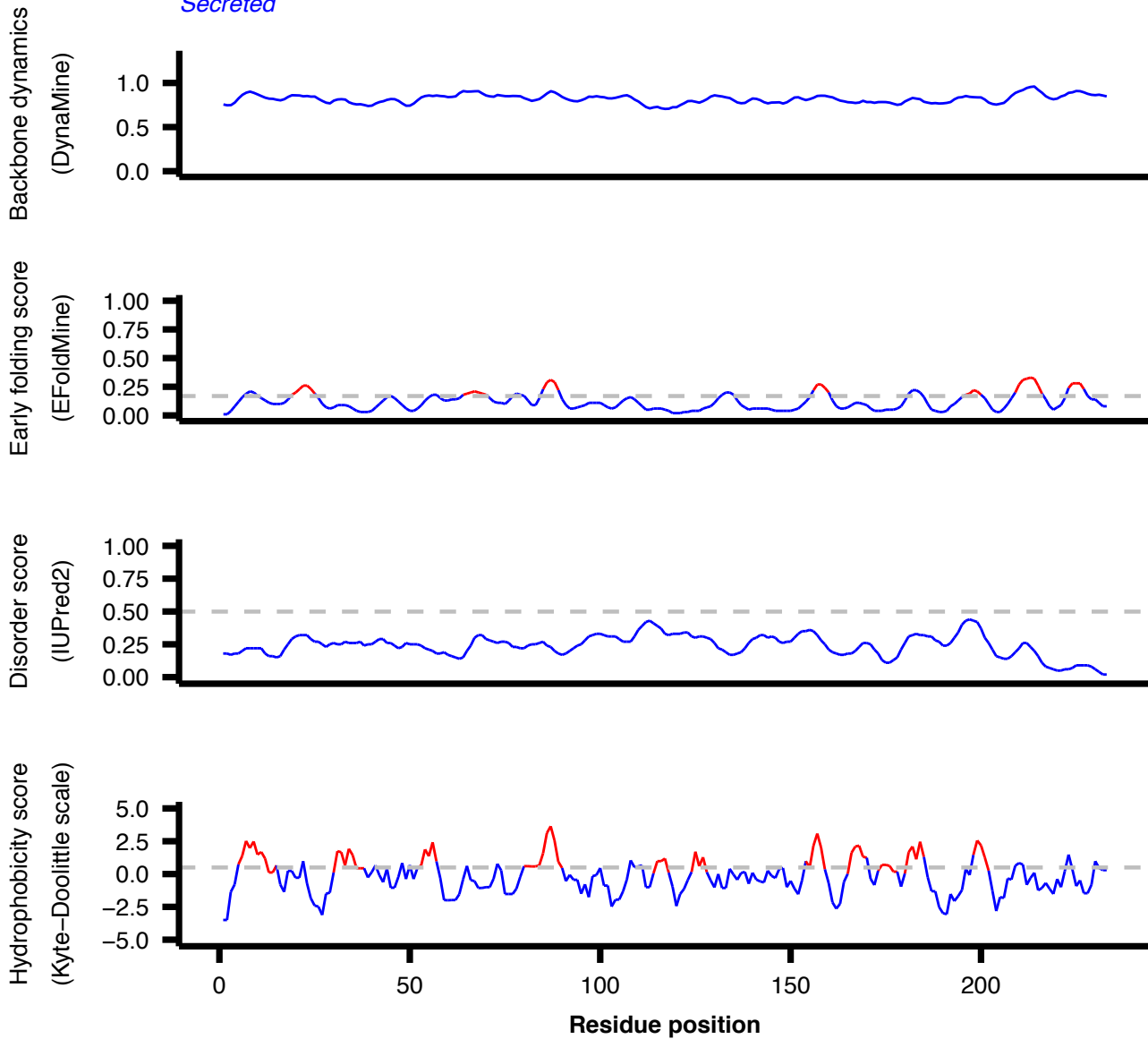
# P0AGC5 (MLTF\_ECOLI)

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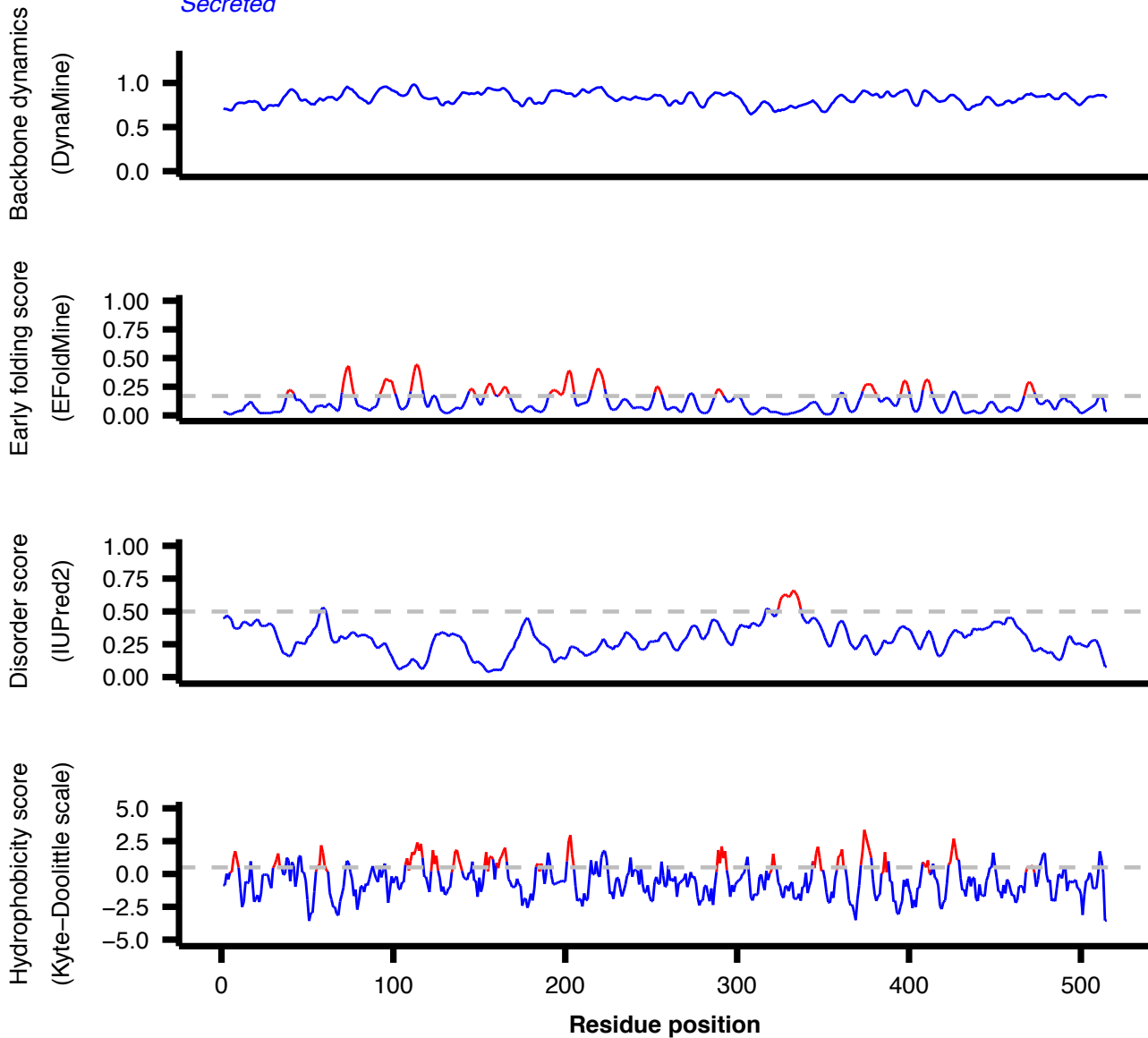
# P37329 (MODA\_ECOLI)

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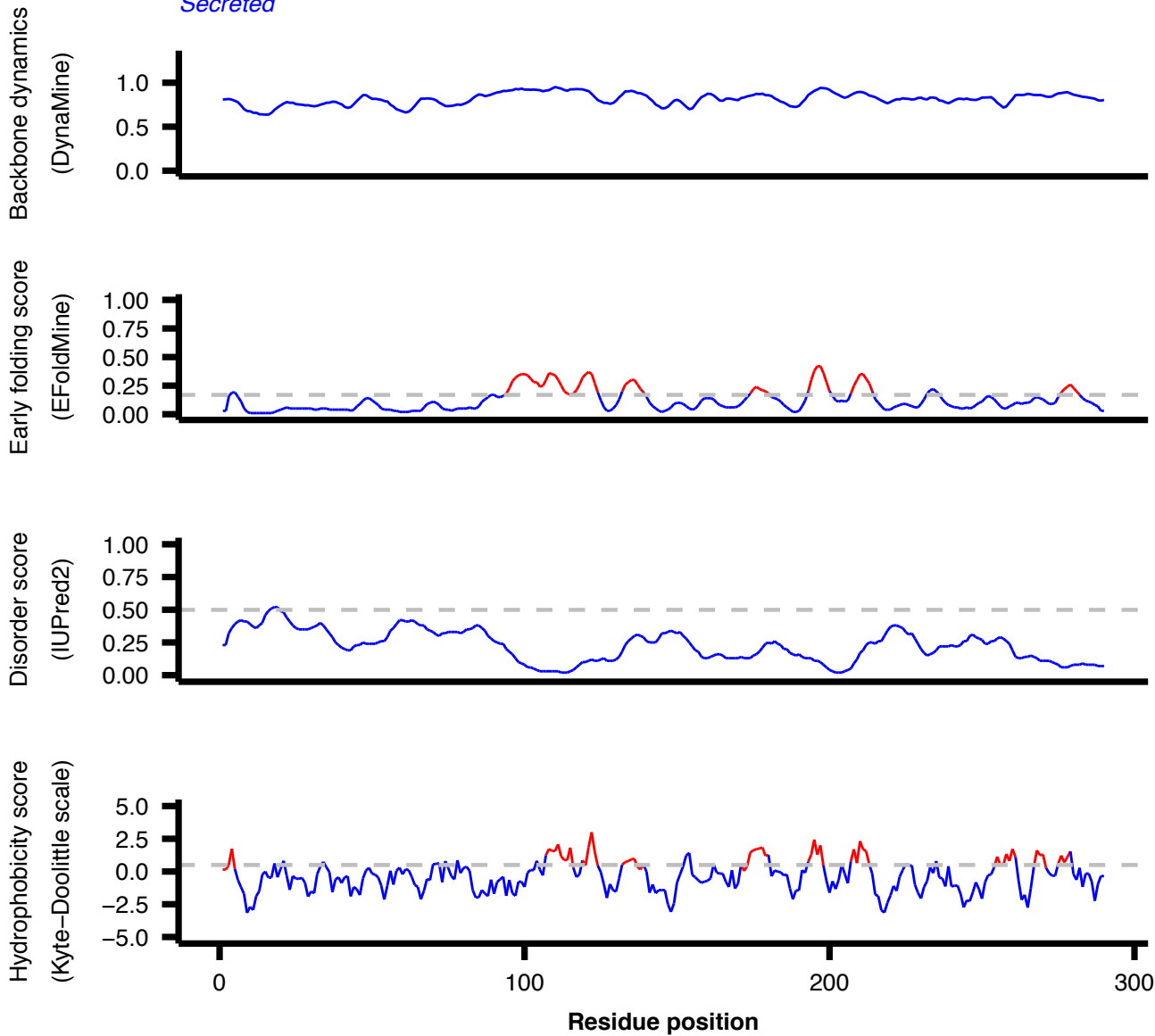
# P77348 (MPPA\_ECOLI)

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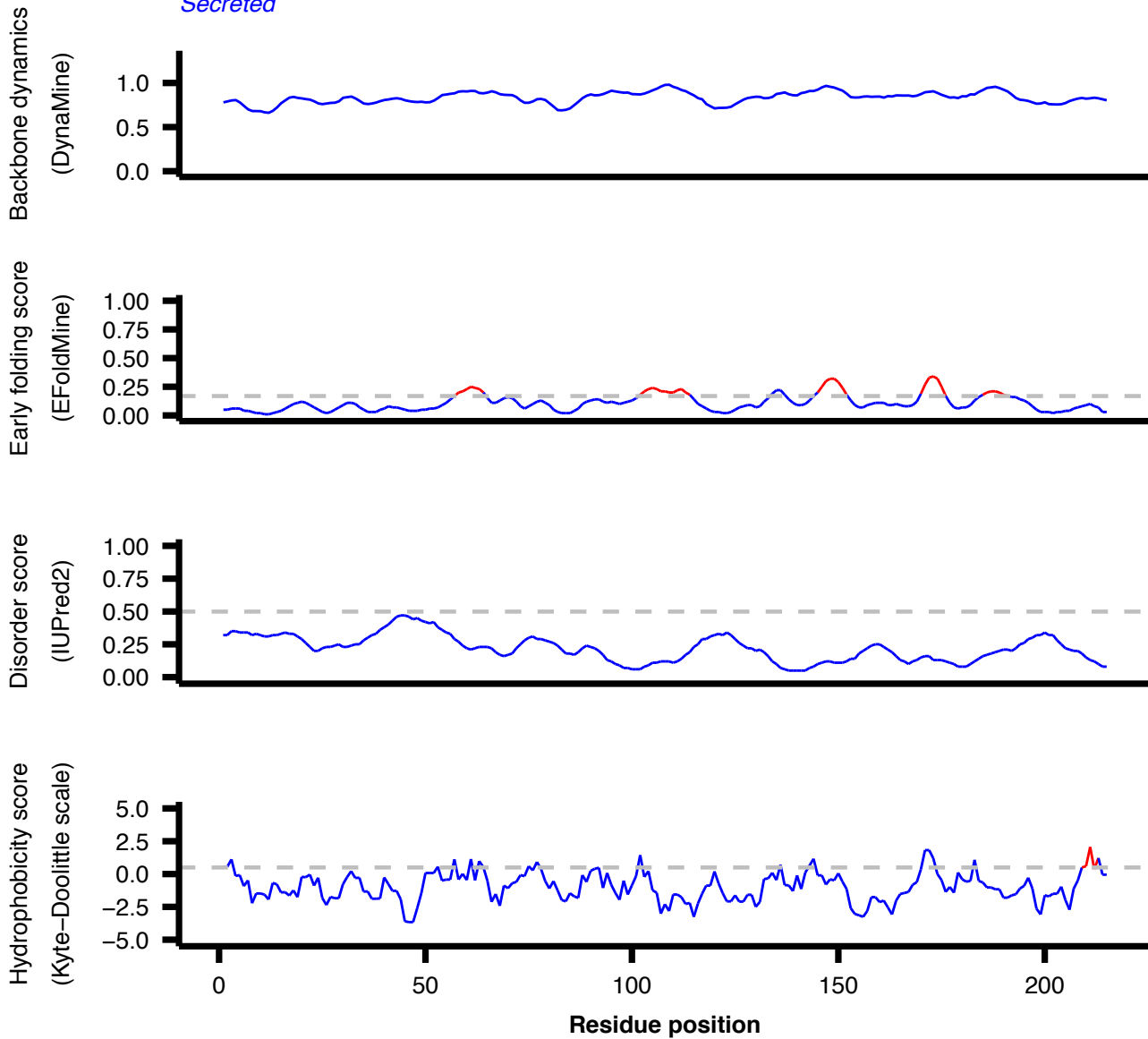
# P76342 (MSRP\_ECOLI)

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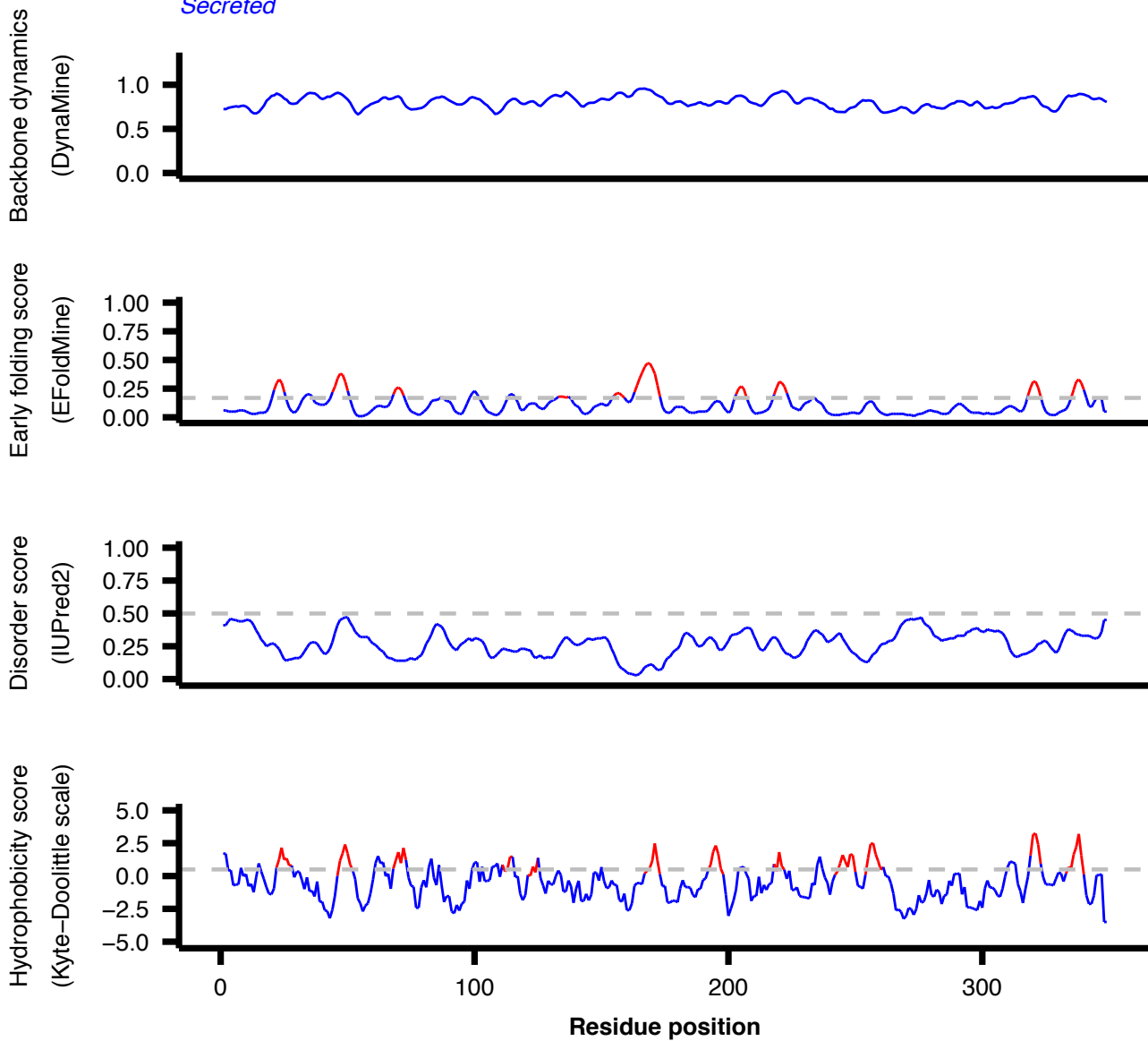
# P69856 (NANC\_ECOLI)

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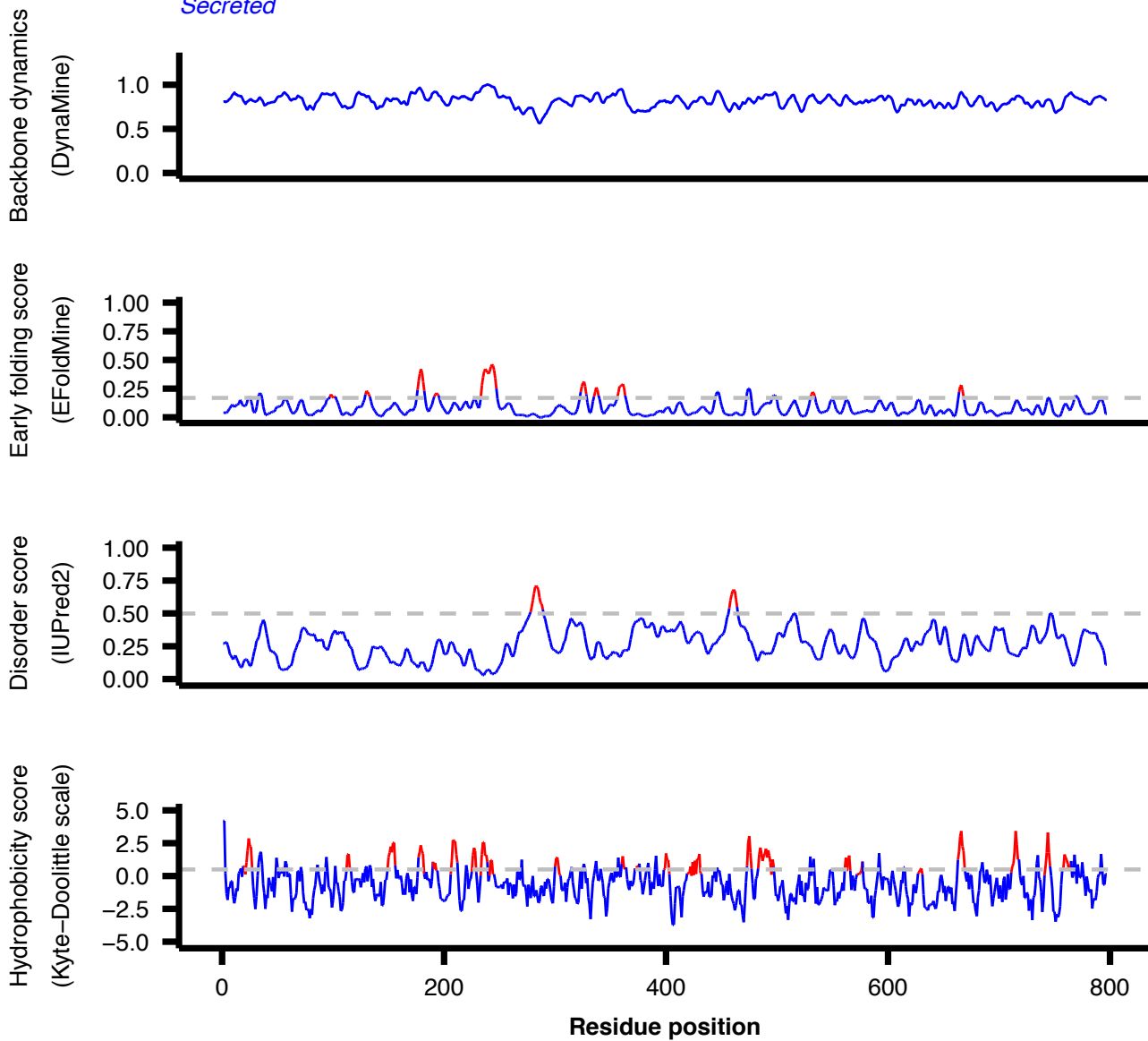
# P39371 (NANM\_ECOLI)

*Secreted*



# P33937 (NAPA\_ECOLI)

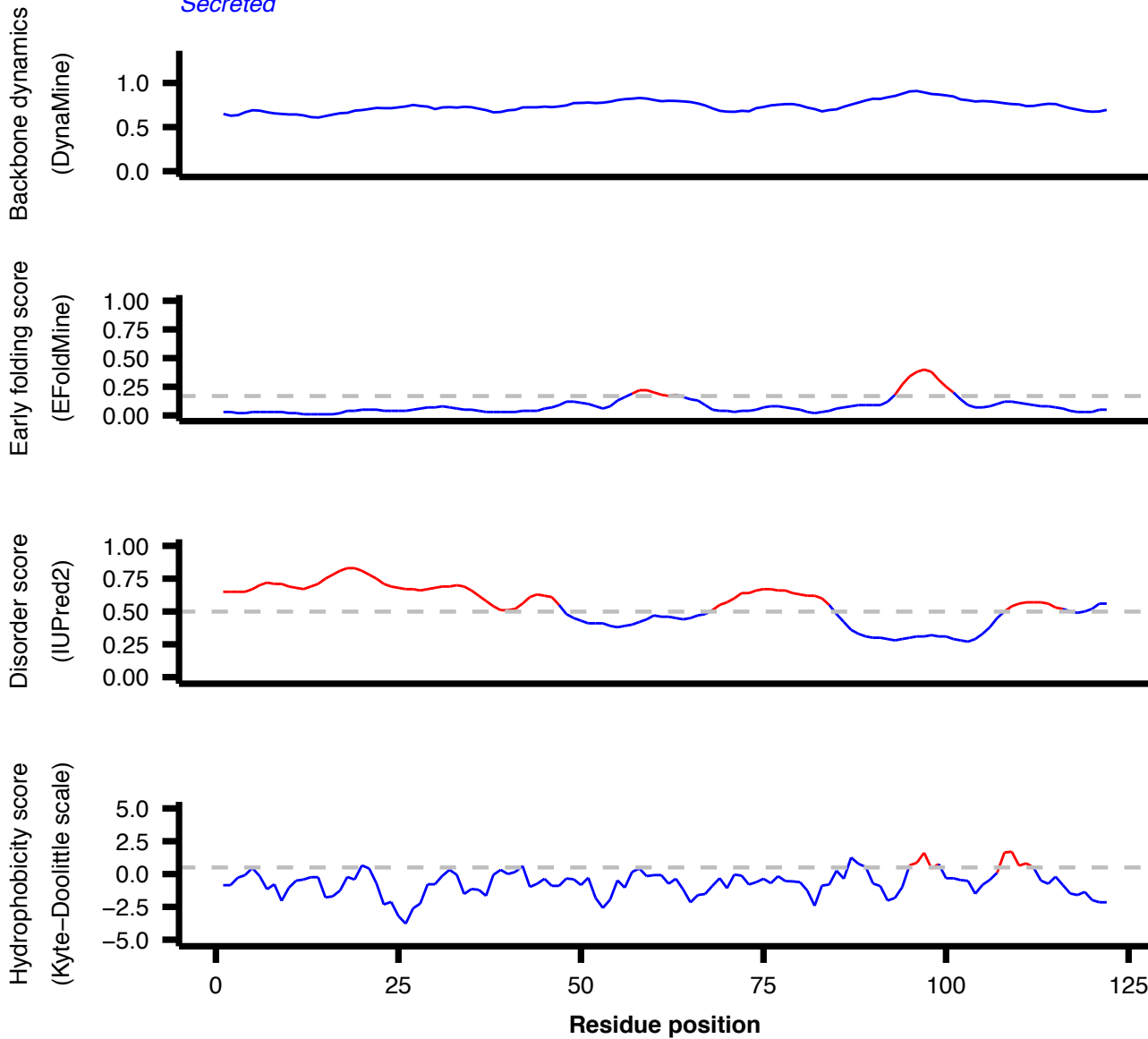
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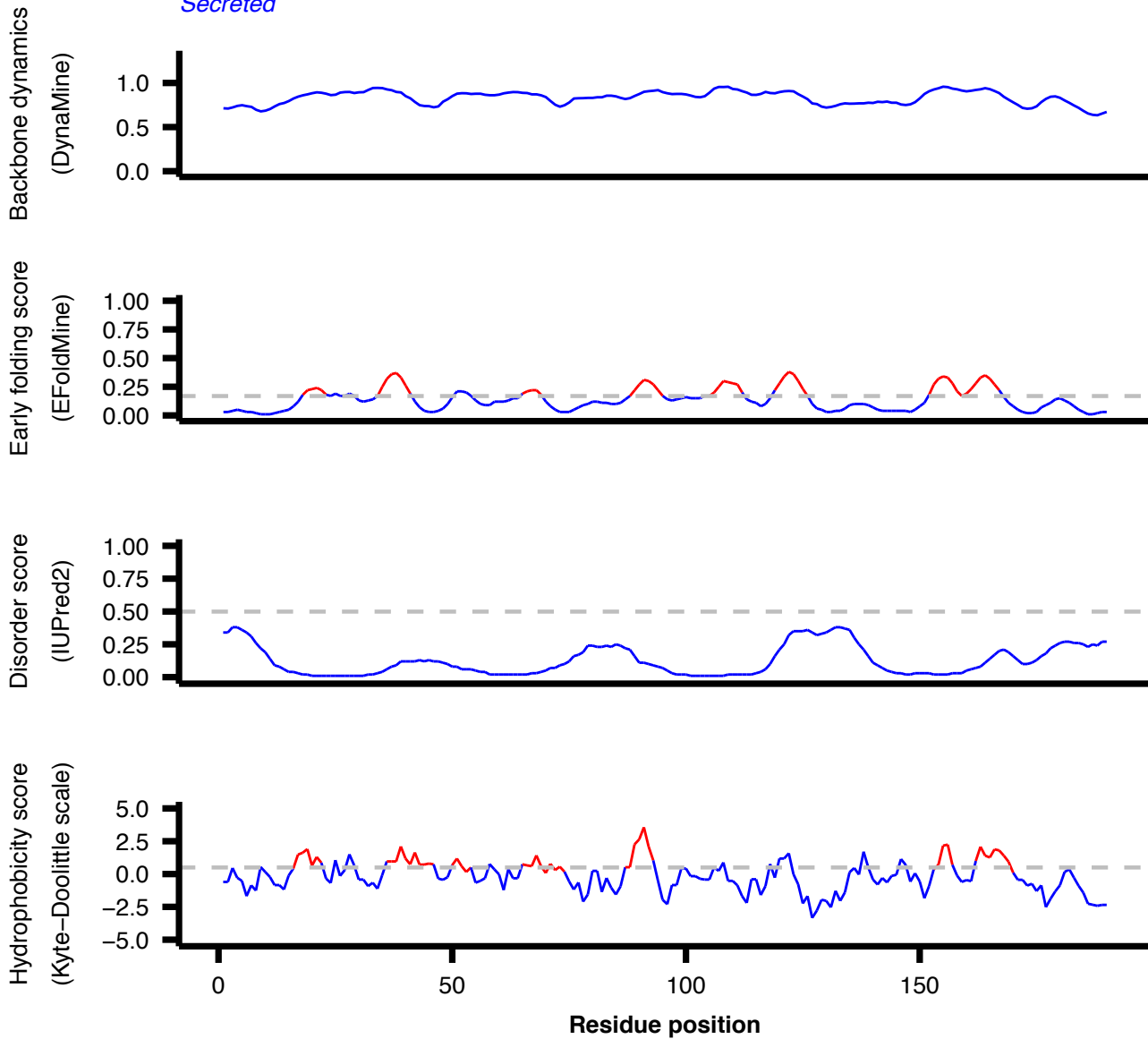
# P0ABL3 (NAPB\_ECOLI)

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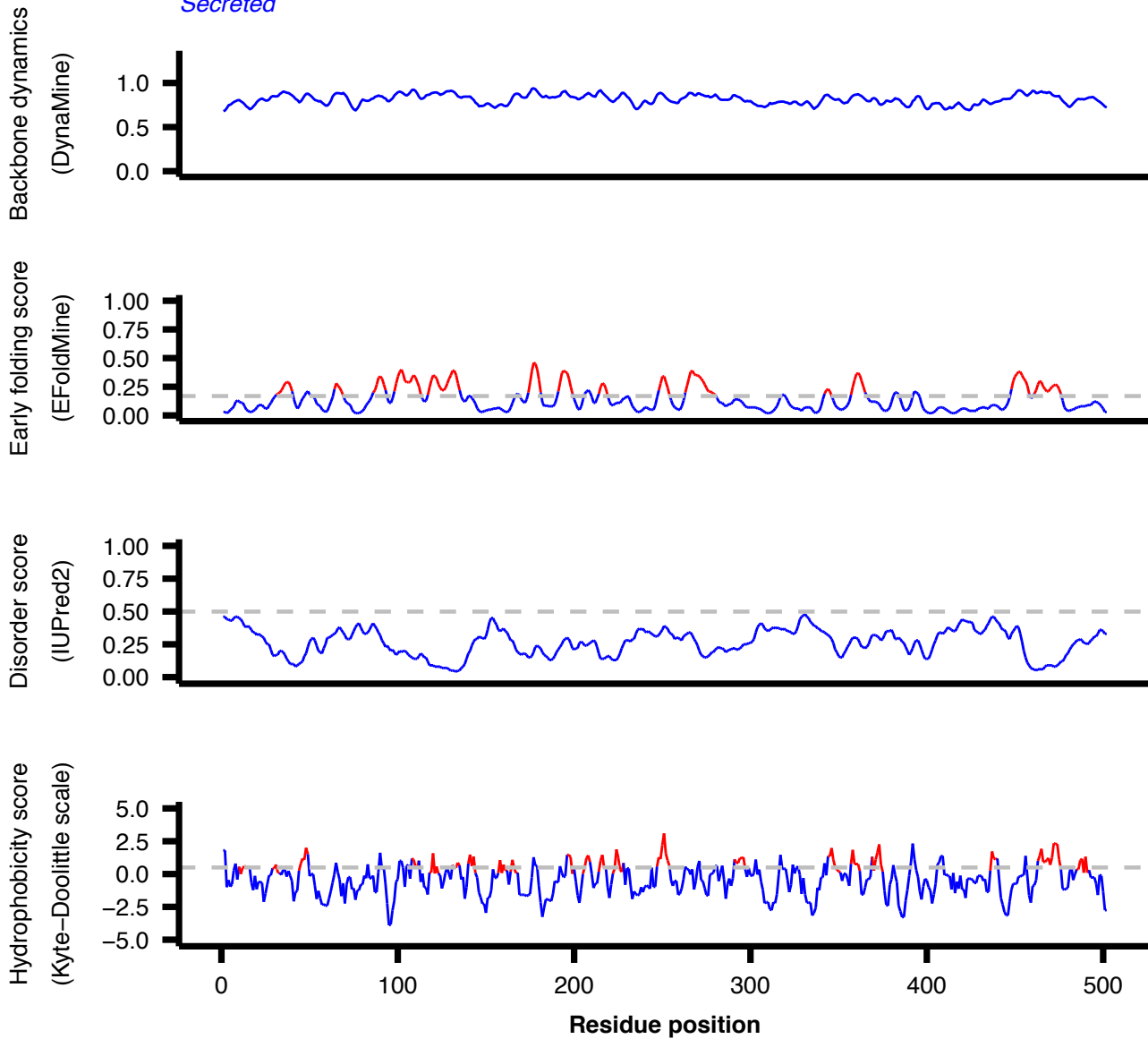
# P0AAL3 (NAPG\_ECOLI)

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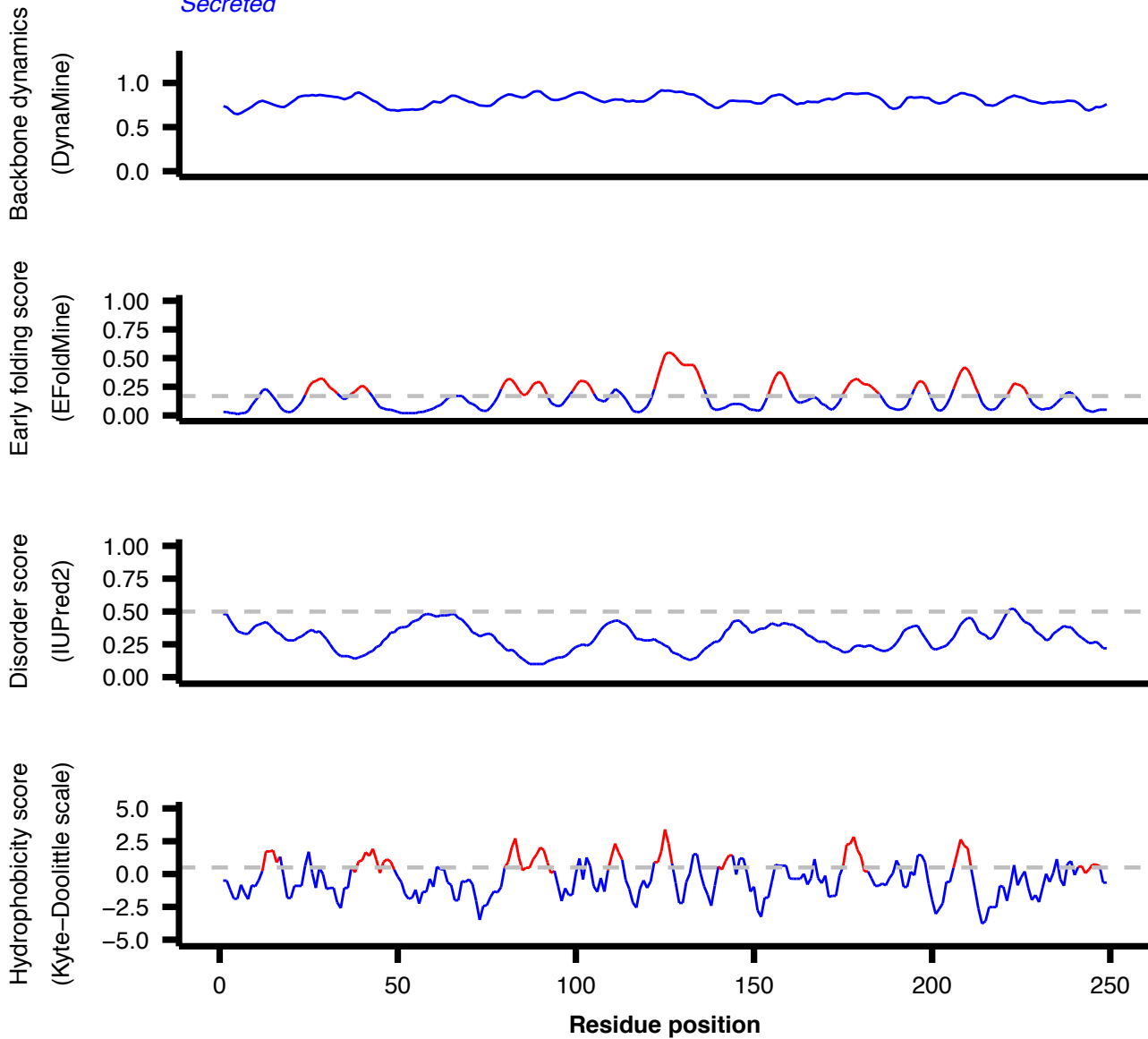
# P33590 (NIKA\_ECOLI)

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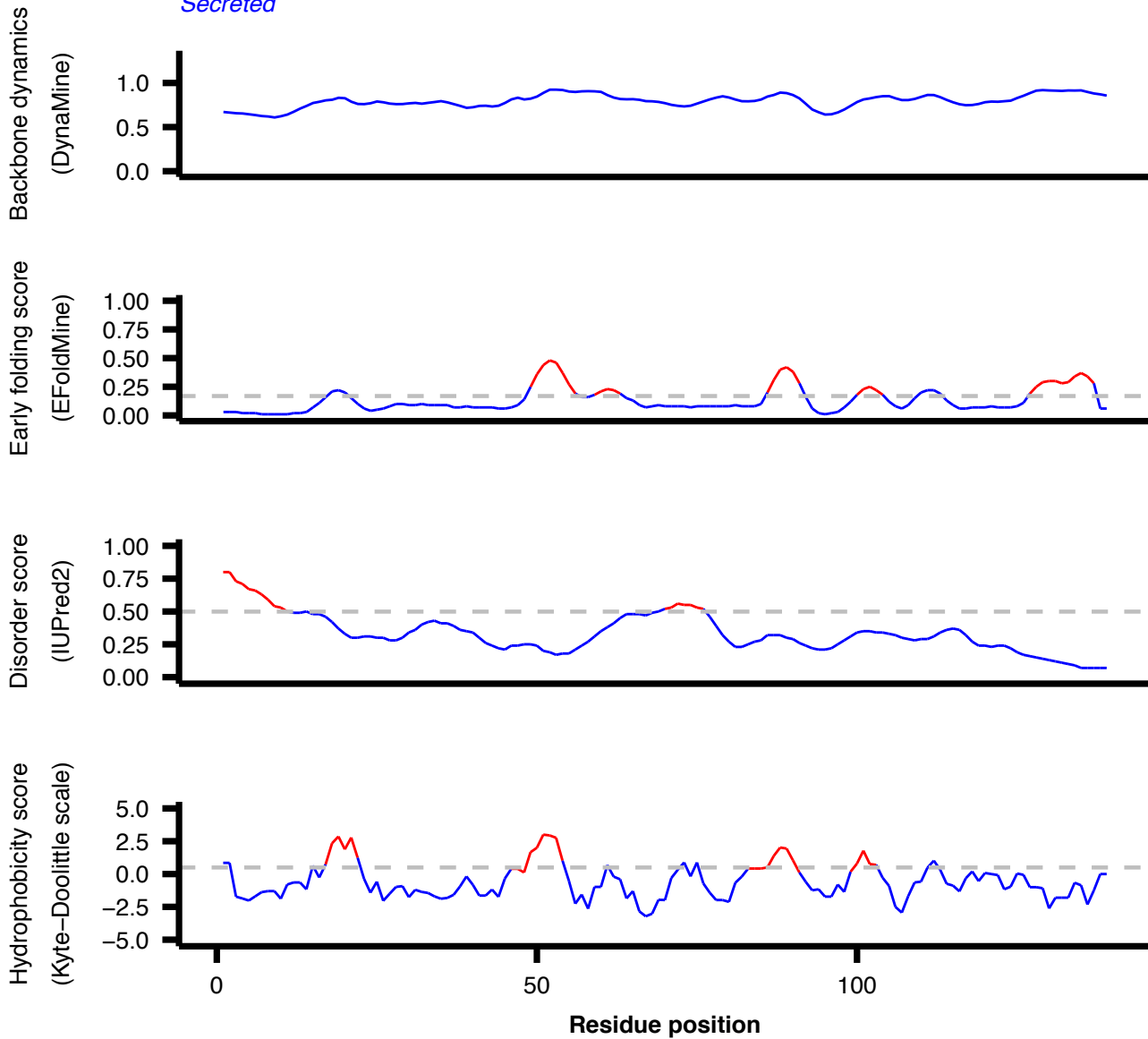
# P04846 (NLPA\_ECOLI)

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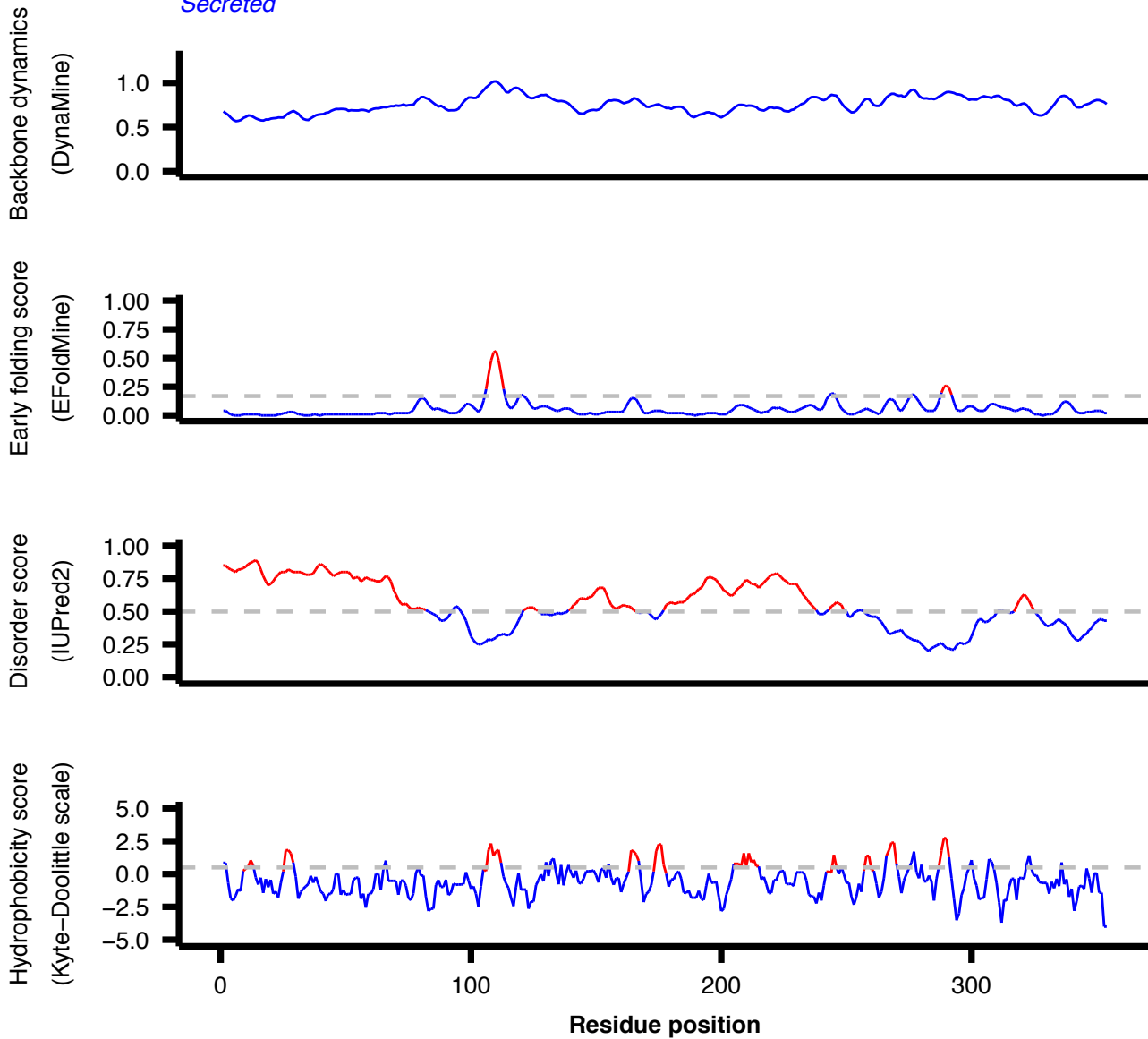
# P23898 (NLPC\_ECOLI)

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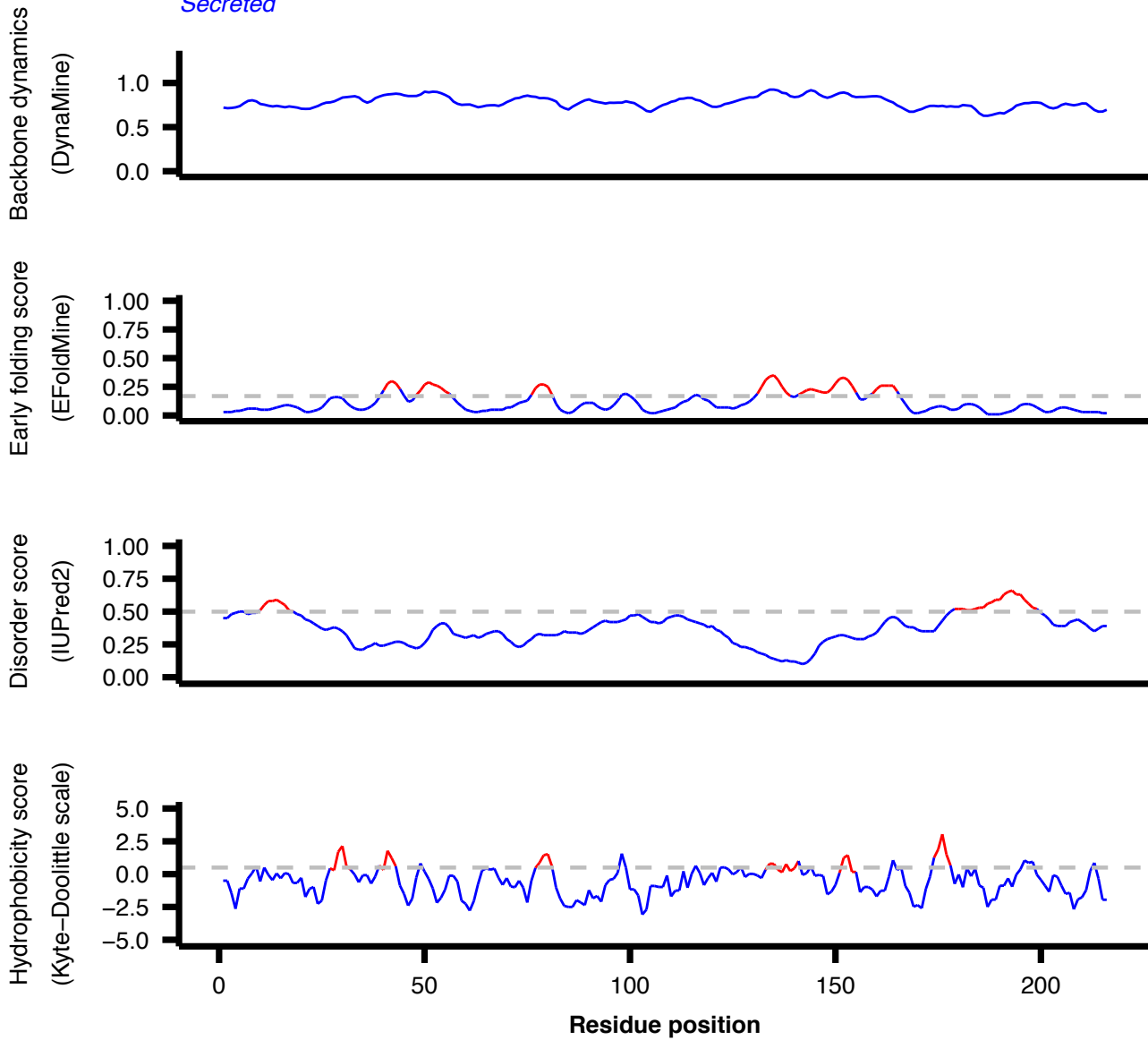
# P0ADA3 (NLPD\_ECOLI)

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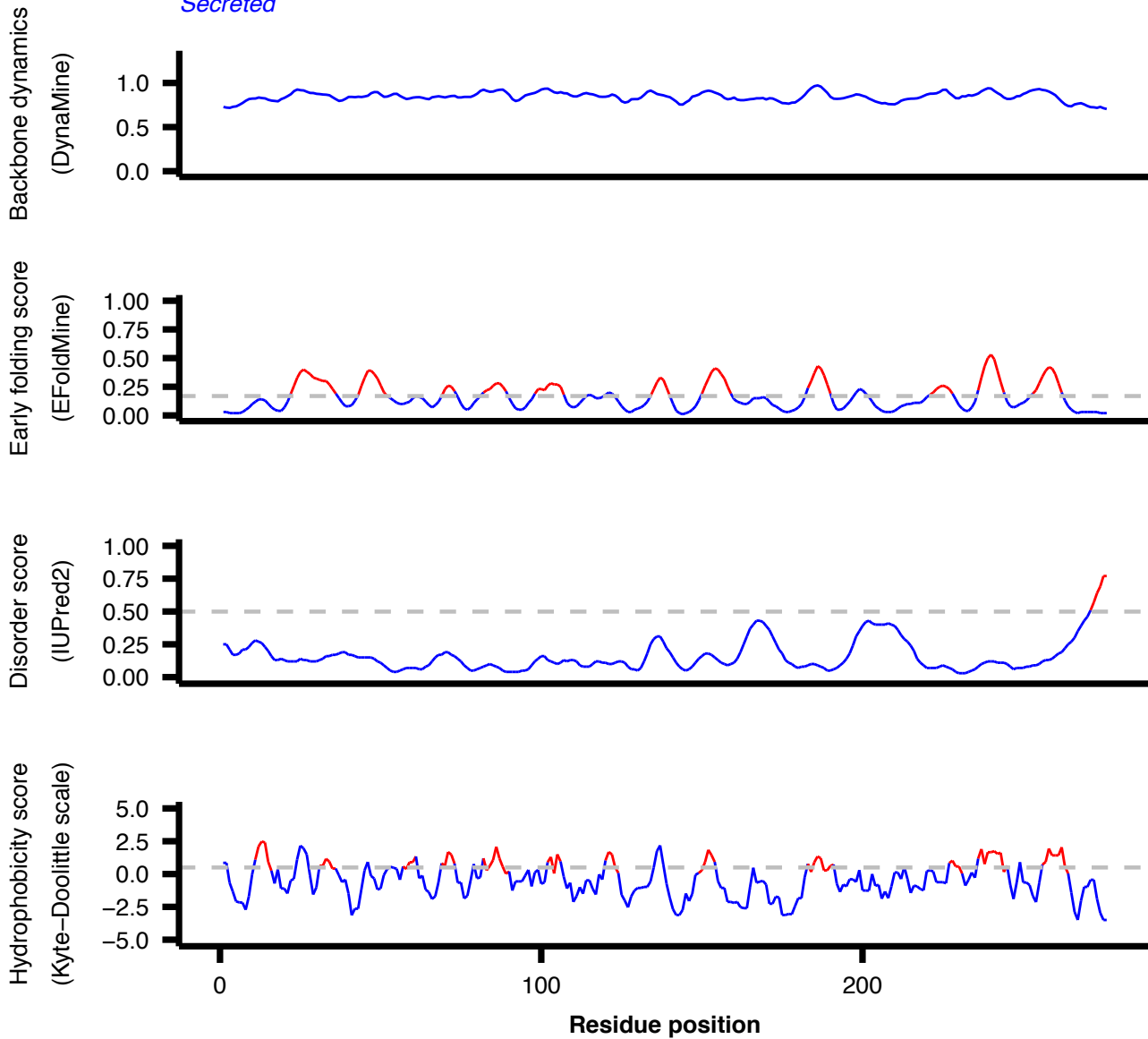
# P40710 (NLPE\_ECOLI)

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# P0AFB1 (NLPI\_ECOLI)

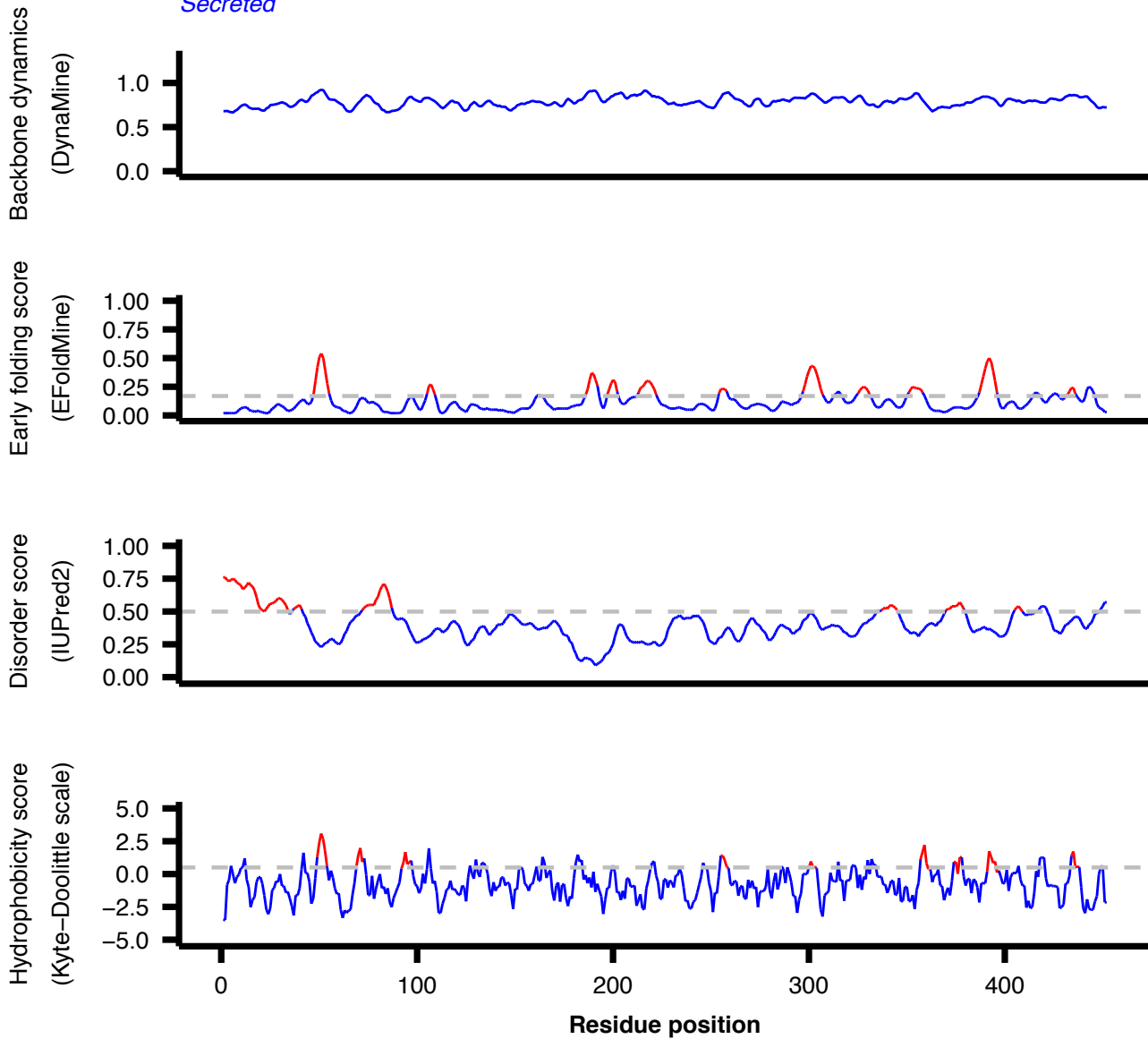
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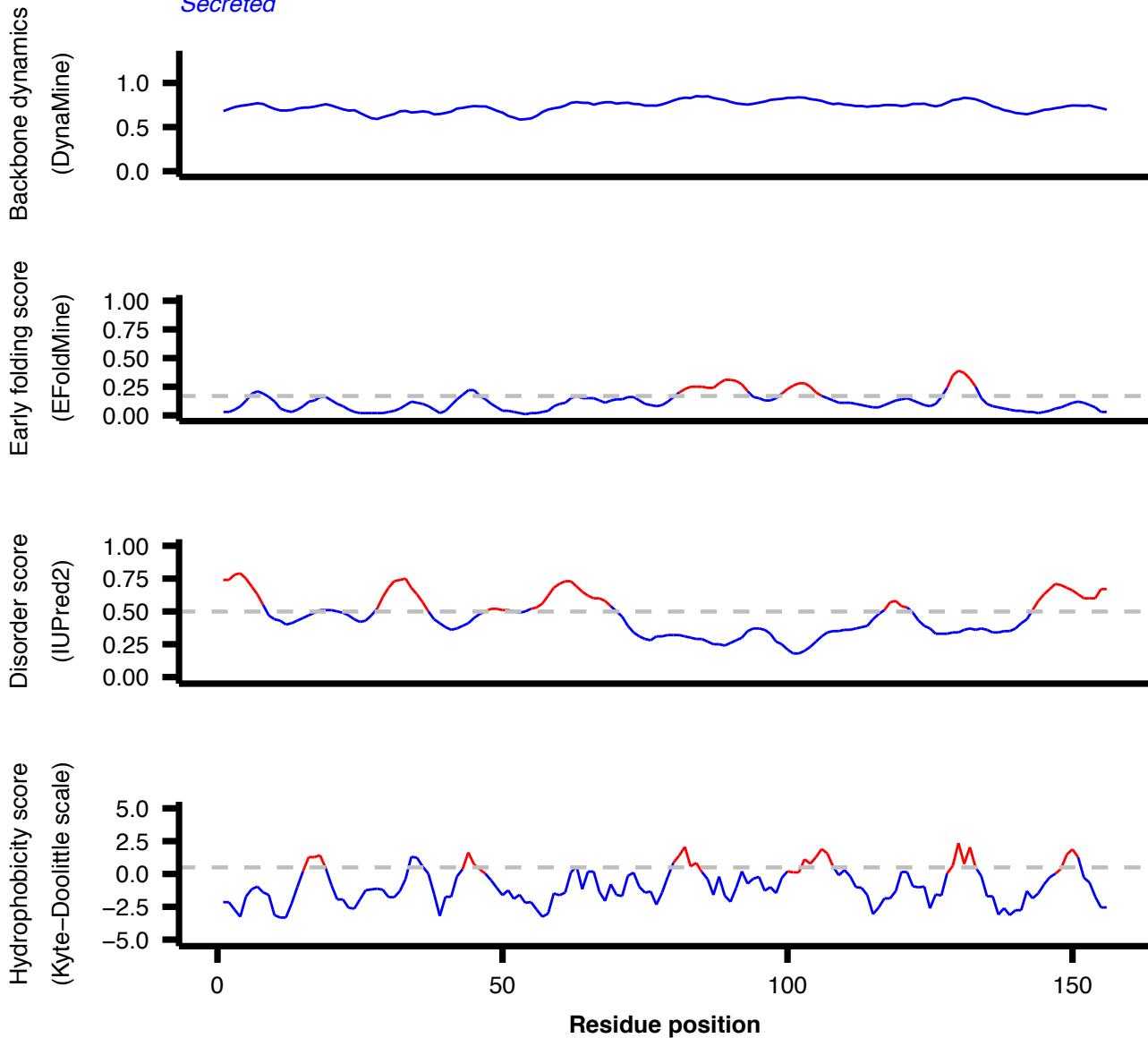
# P0ABK9 (NRFA\_ECOLI)

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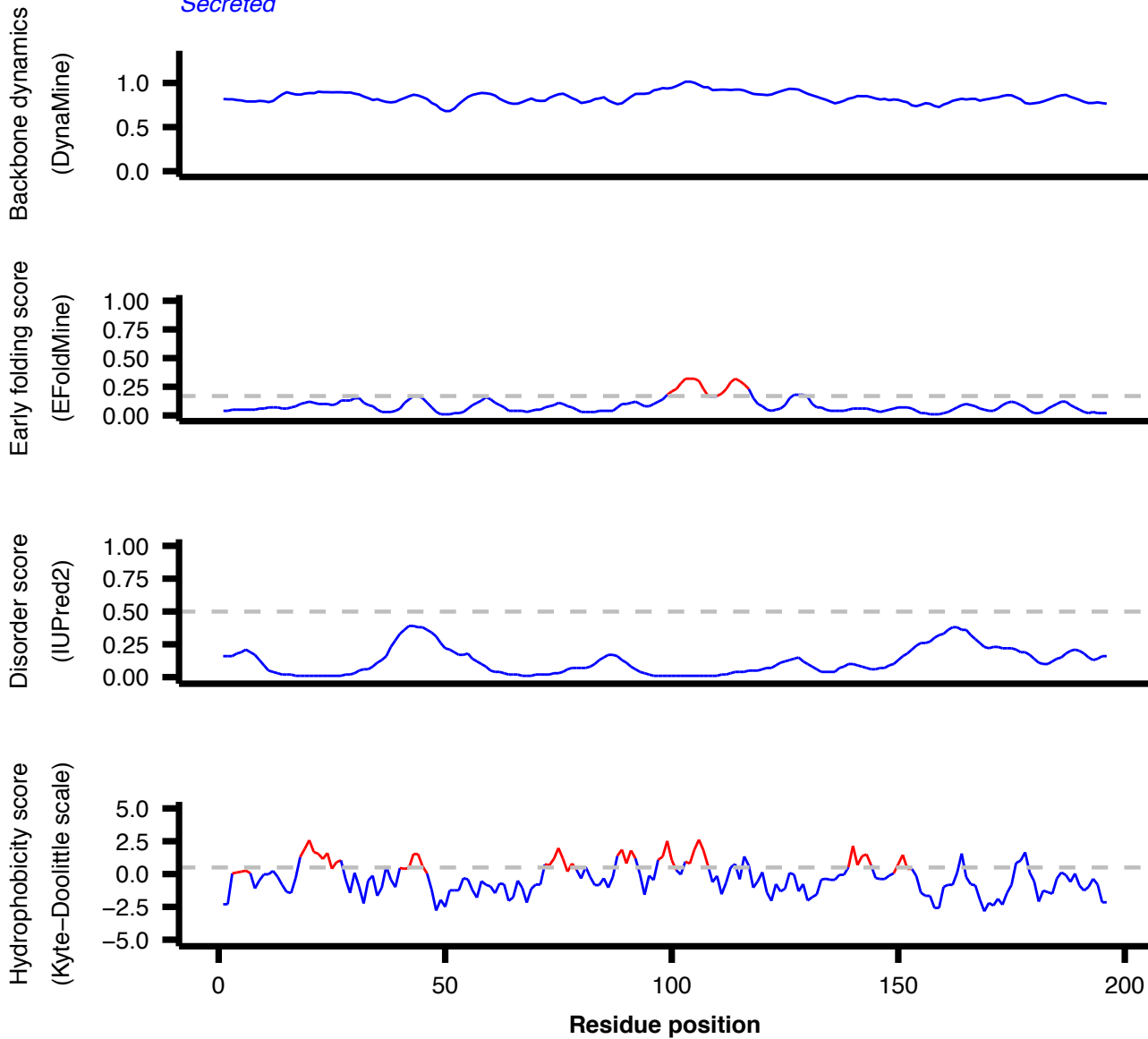
# P0ABL1 (NRFB\_ECOLI)

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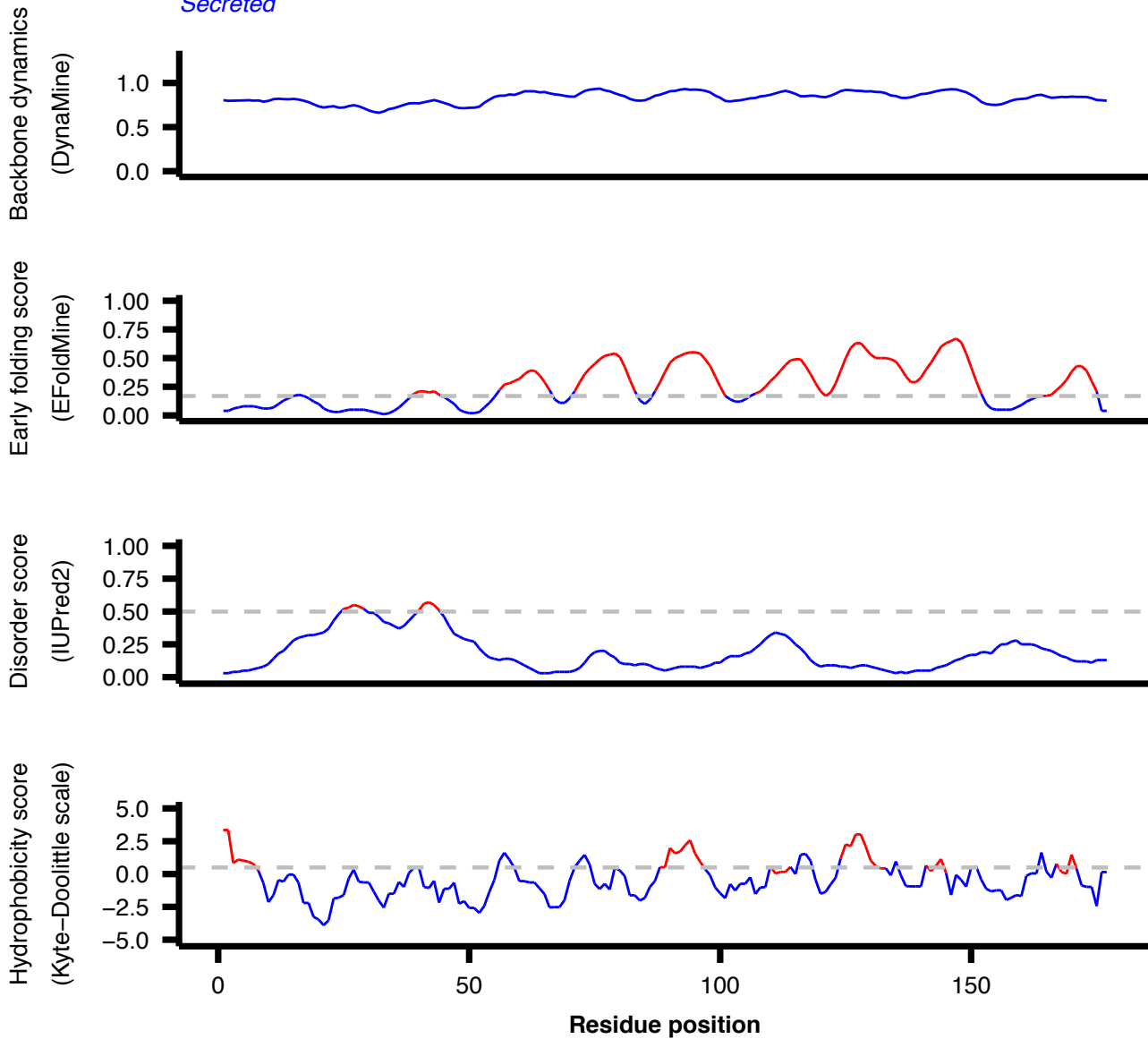
# P0AAK7 (NRFC\_ECOLI)

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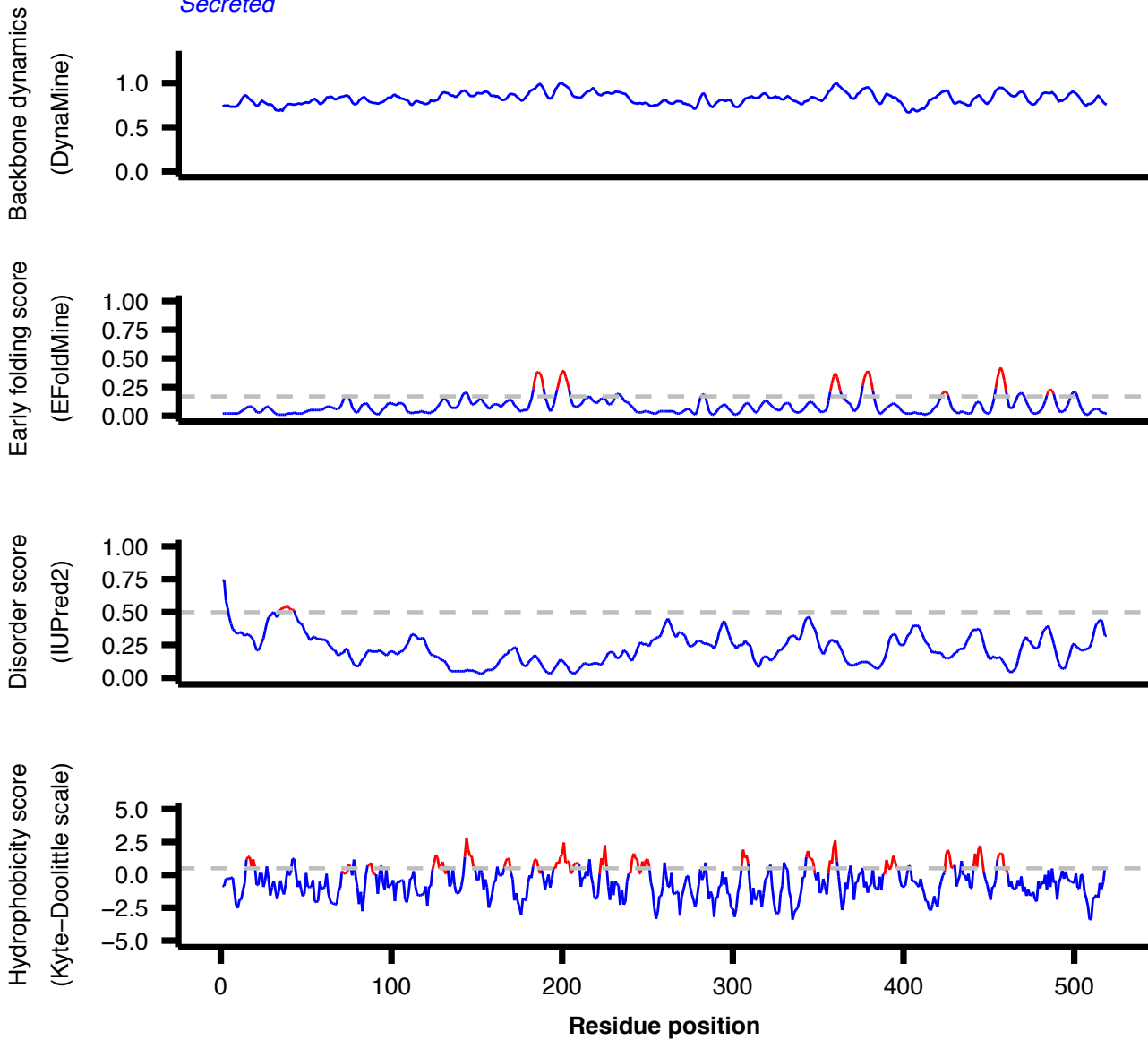
# P32712 (NRFG\_ECOLI)

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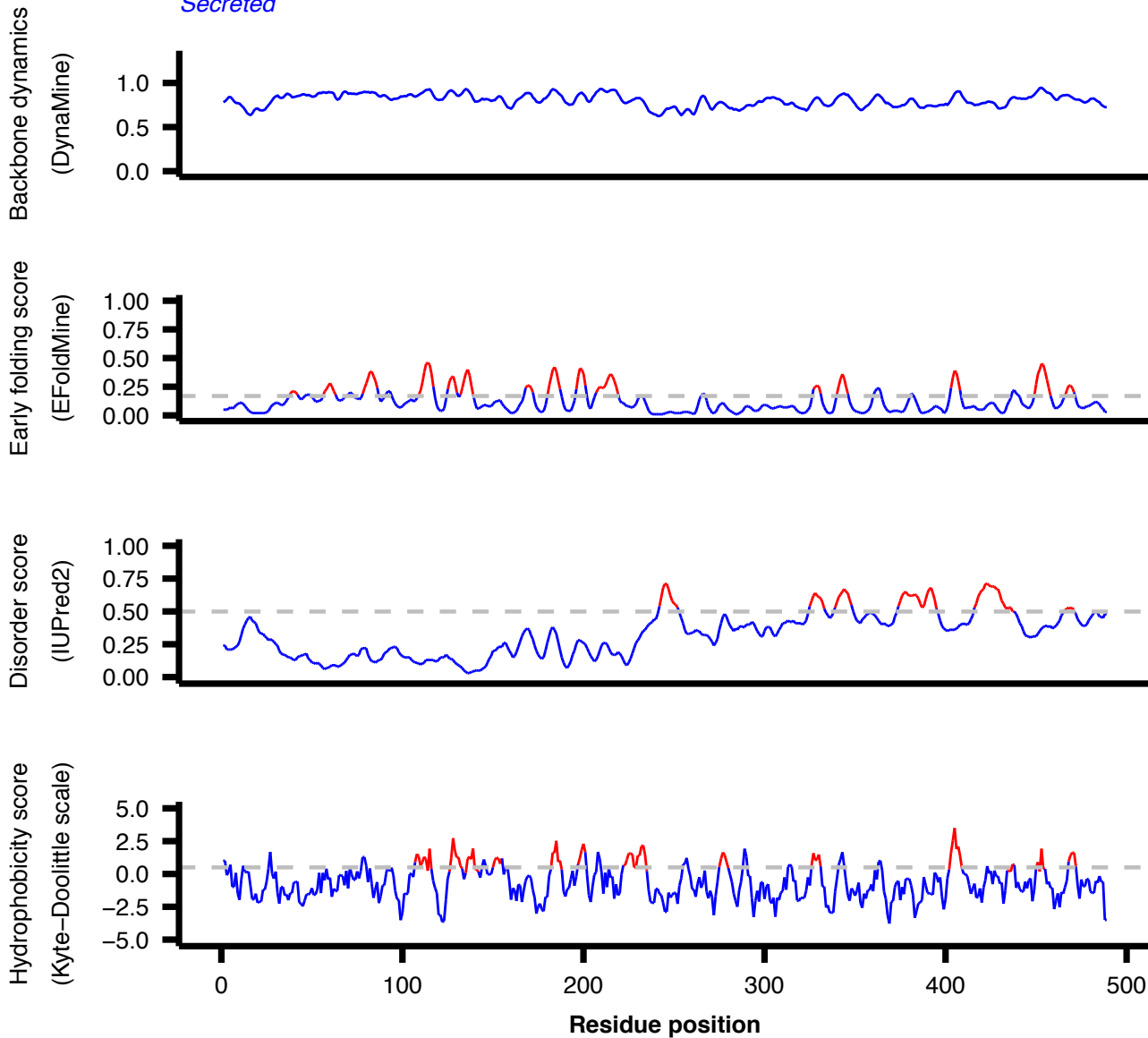
# P40120 (OPGD\_ECOLI)

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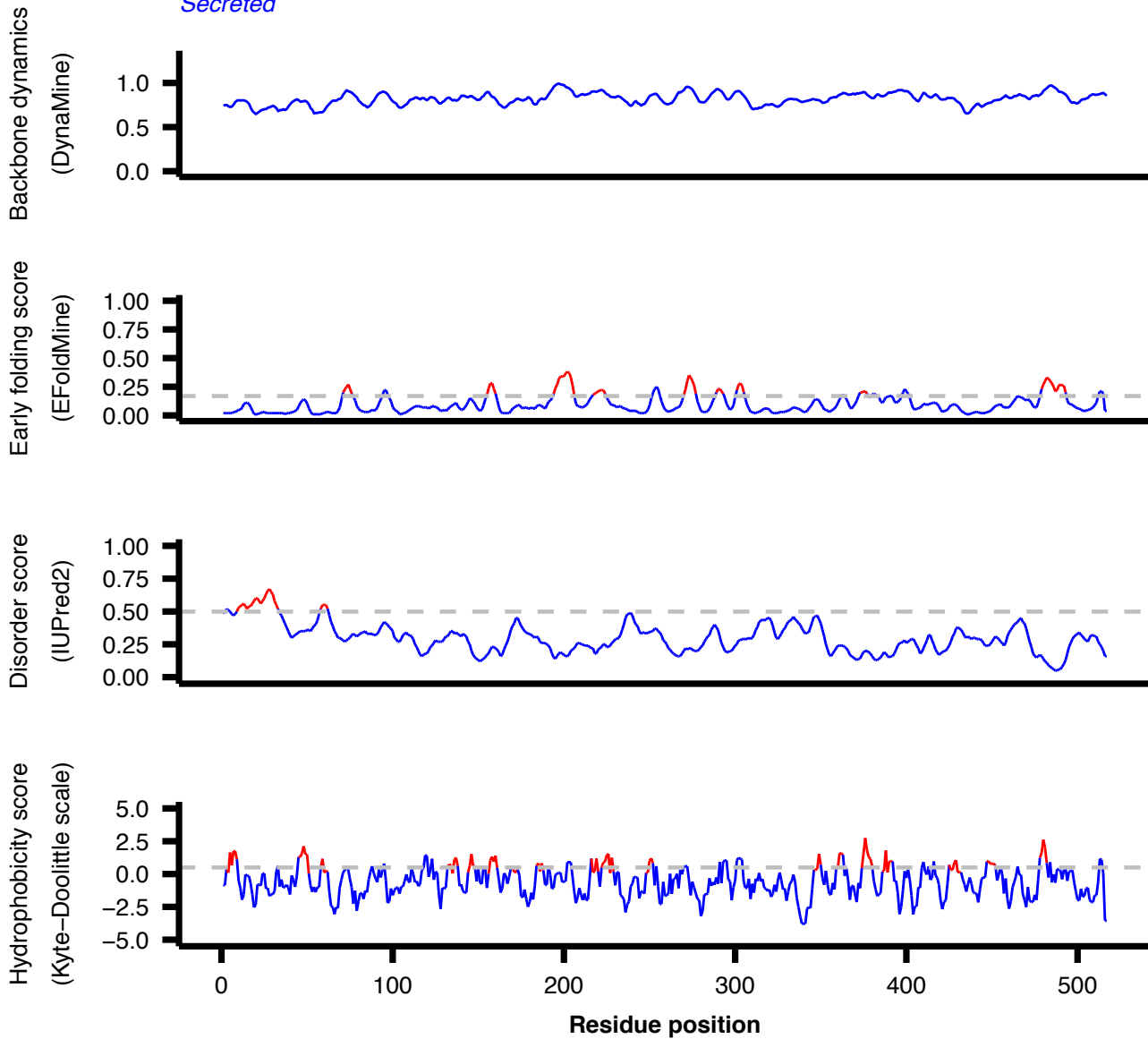
# P33136 (OPGG\_ECOLI)

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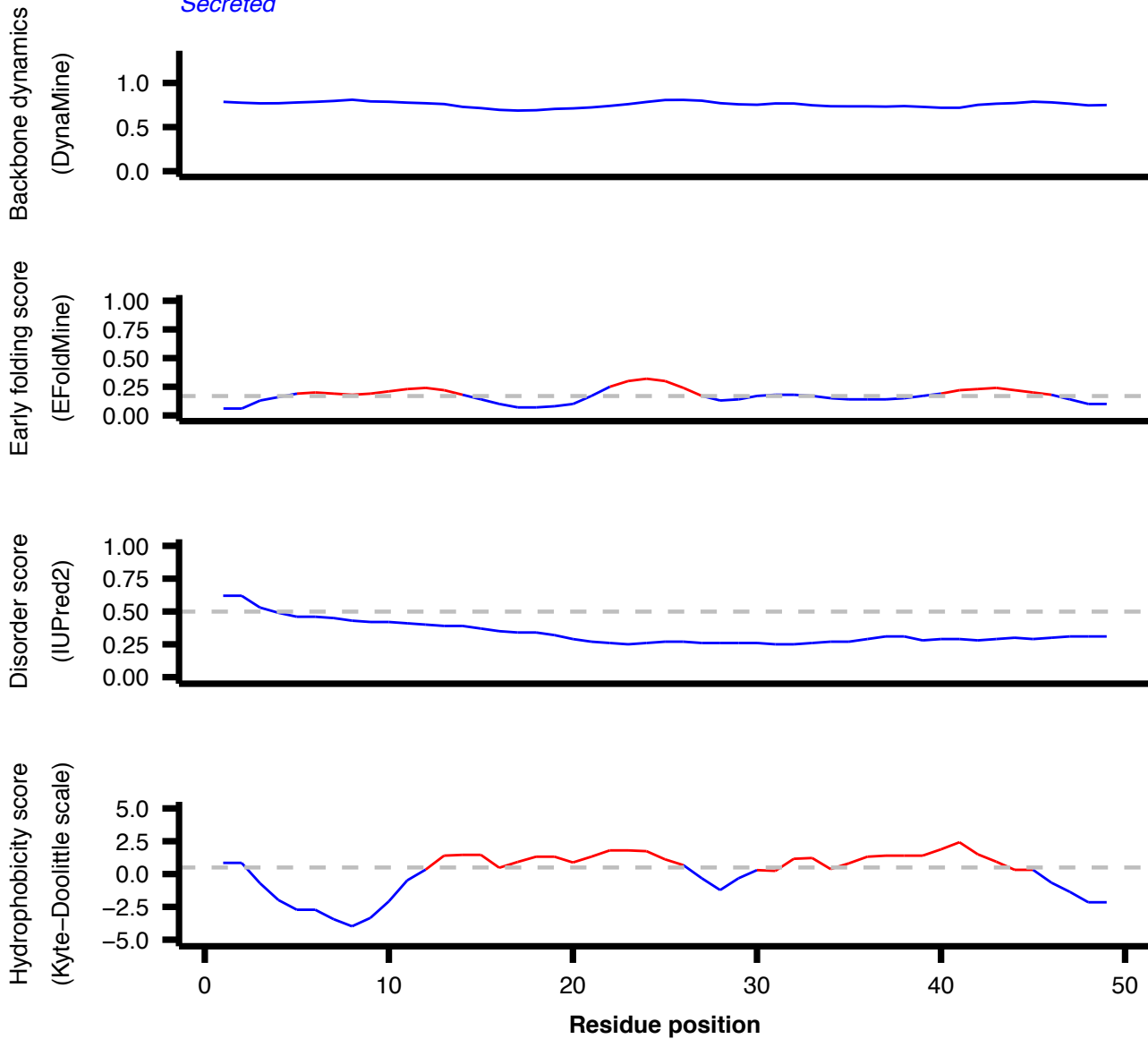
# P23843 (OPPA\_ECOLI)

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# P0ADA7 (OSMB\_ECOLI)

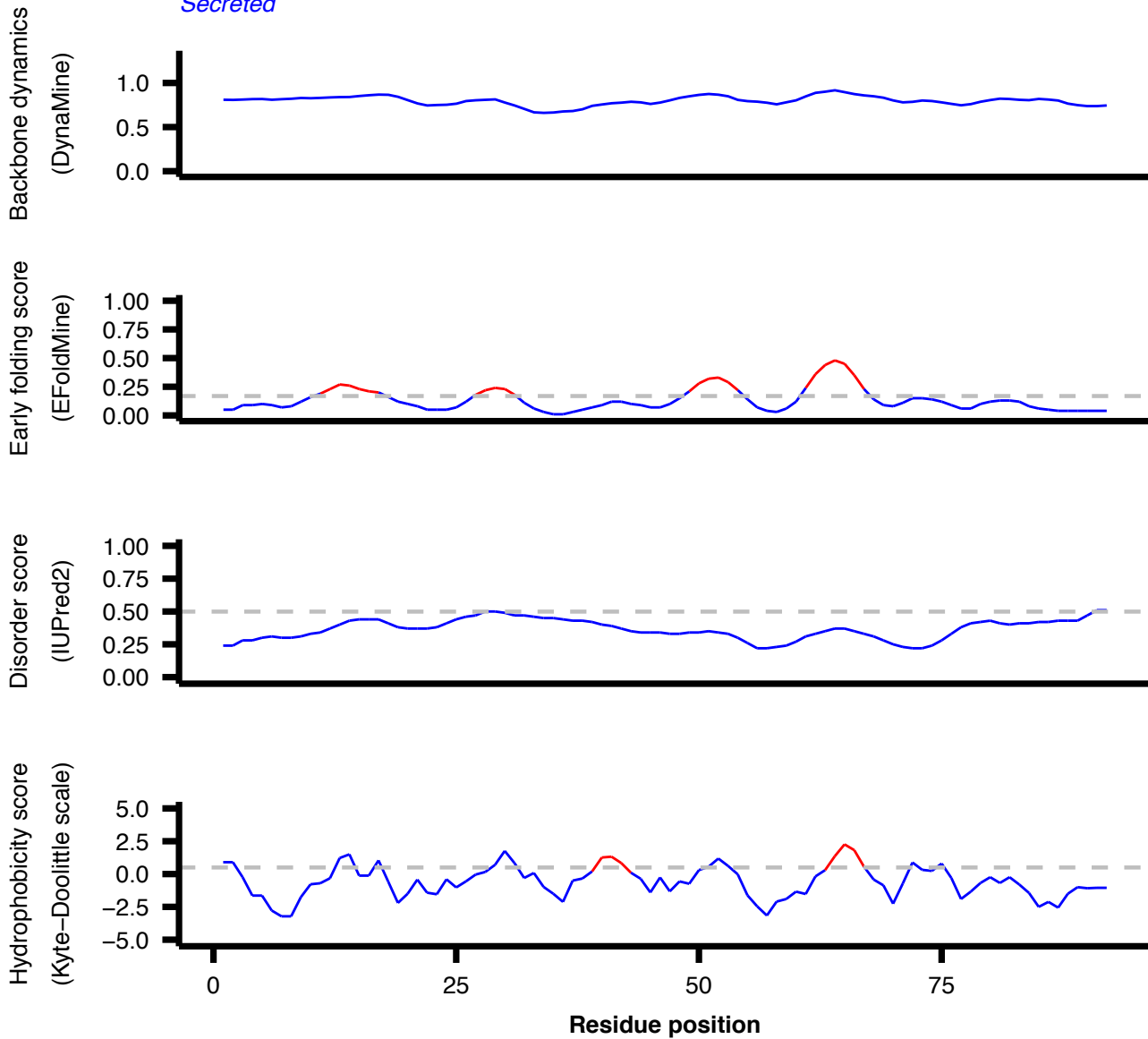
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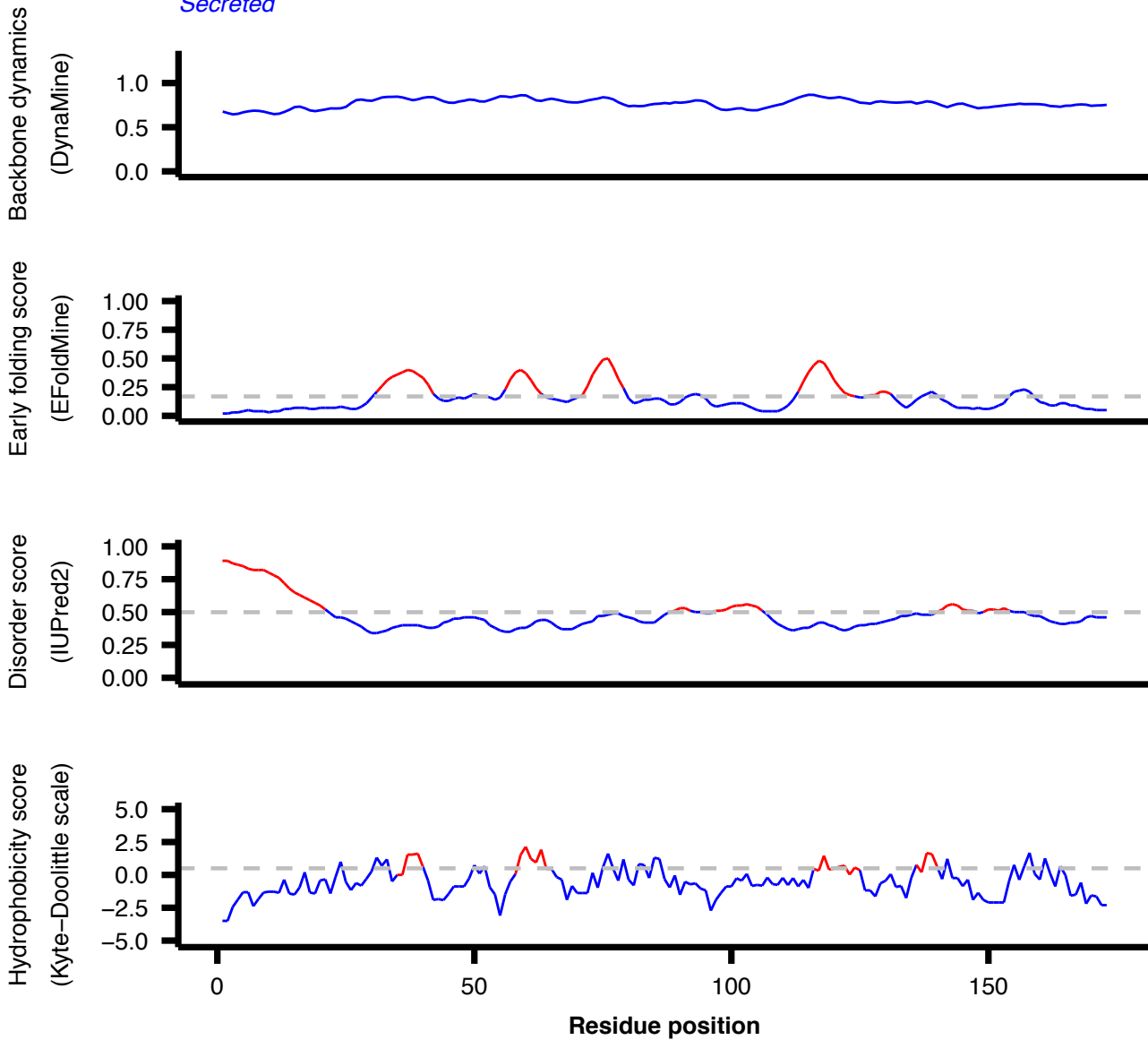
# P0ADB1 (OSME\_ECOLI)

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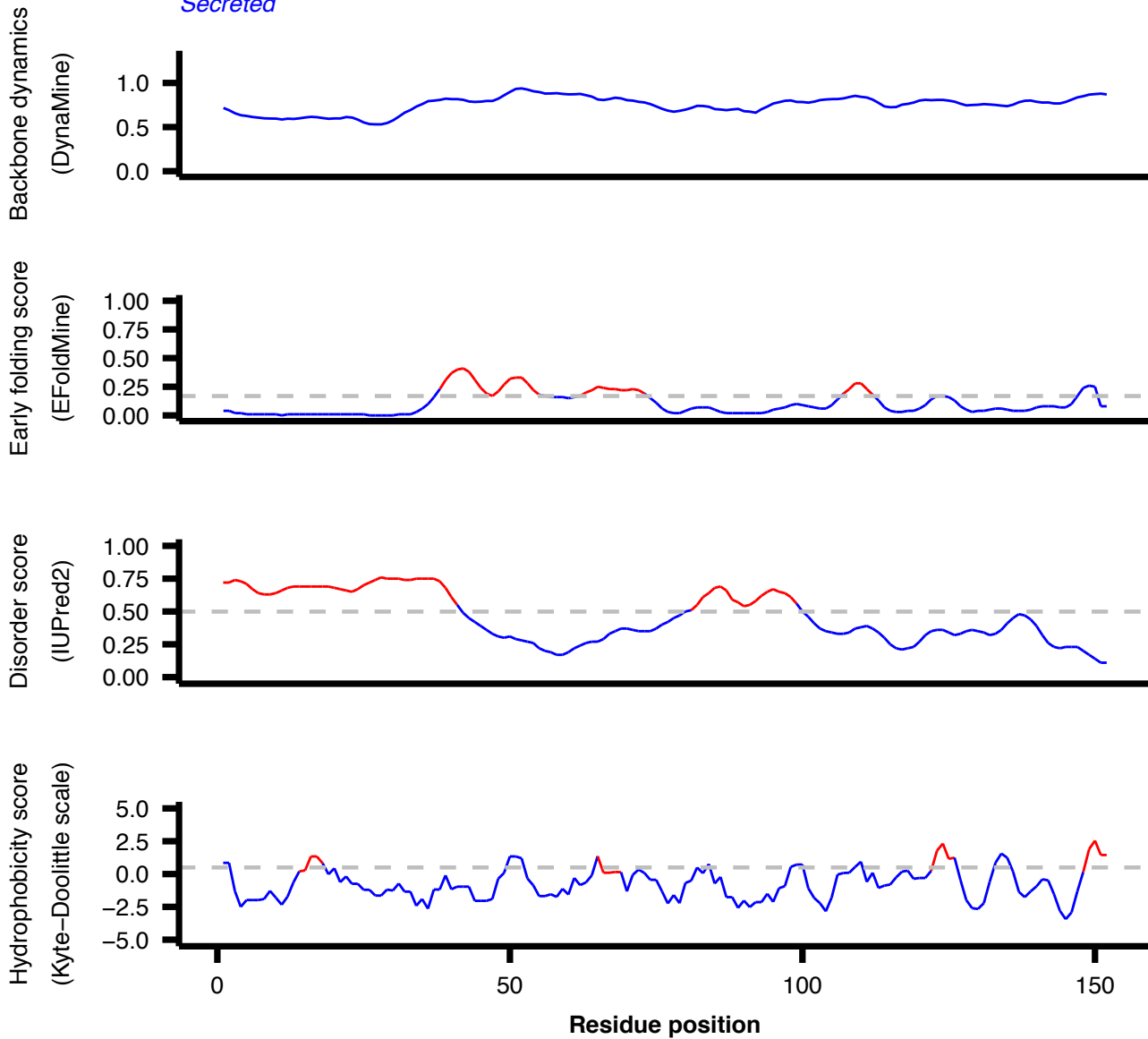
# P0AFH8 (OSMY\_ECOLI)

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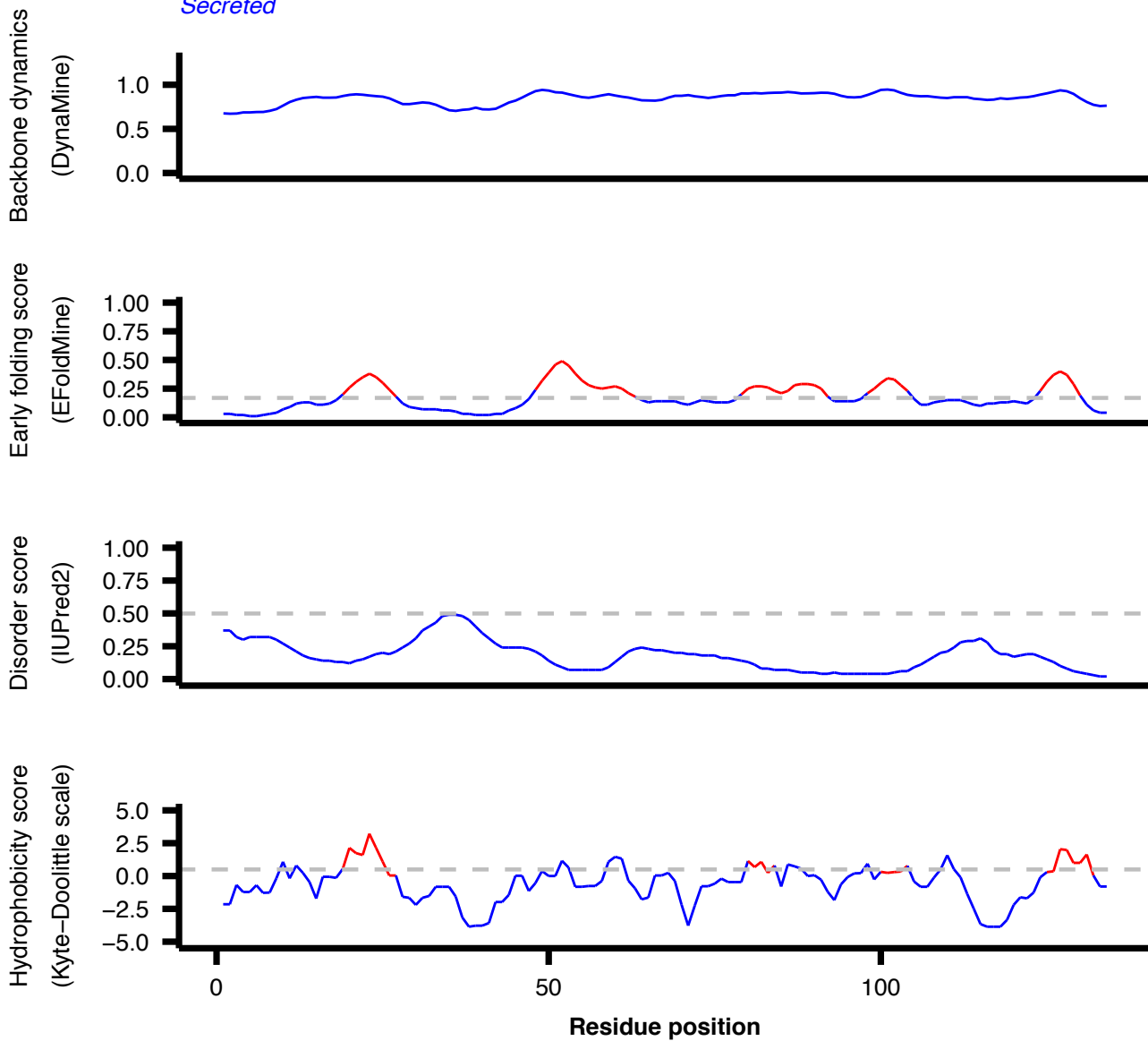
# P0A912 (PAL\_ECOLI)

*Secreted*



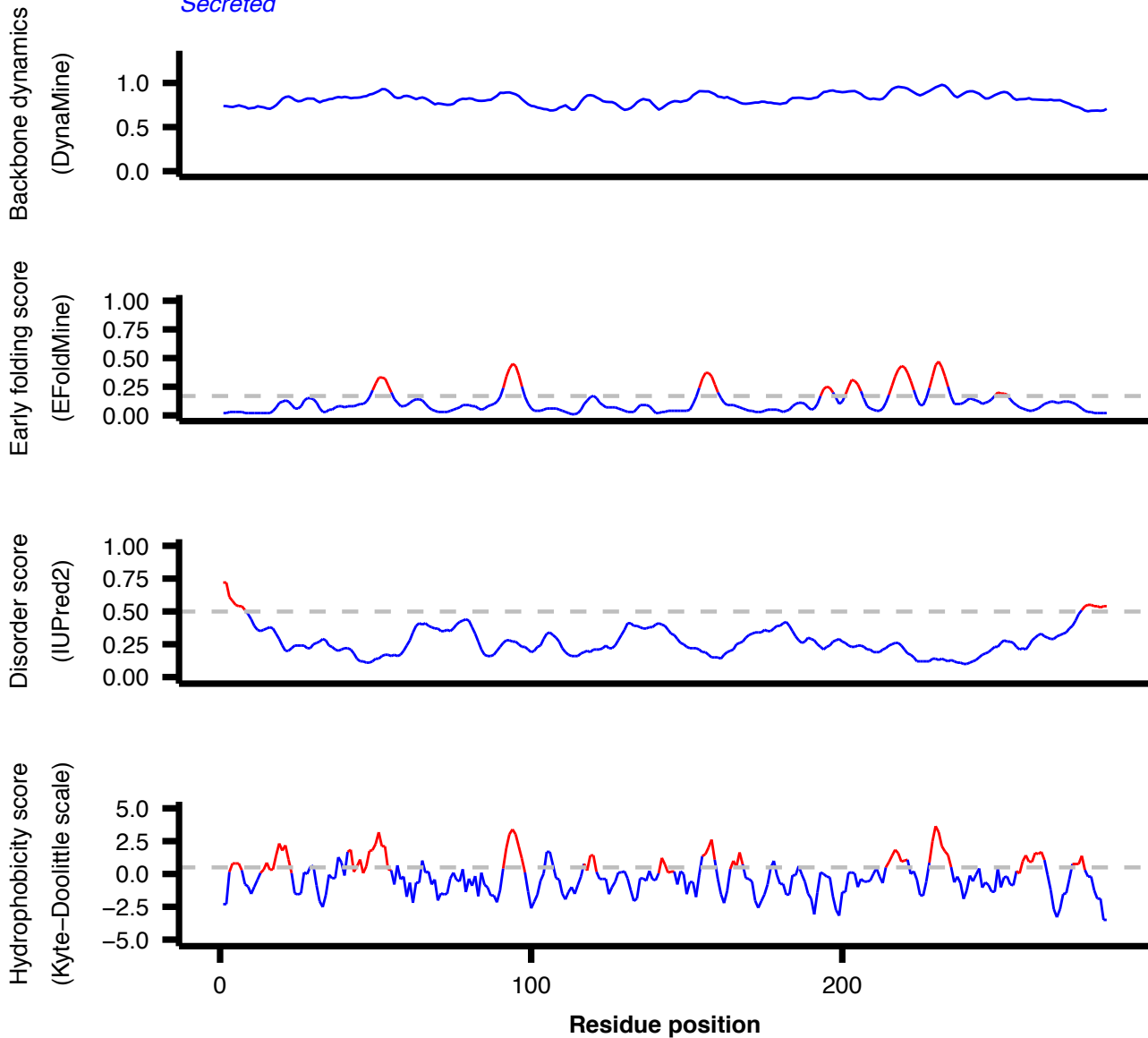
# Q46790 (PBL\_ECOLI)

*Secreted*



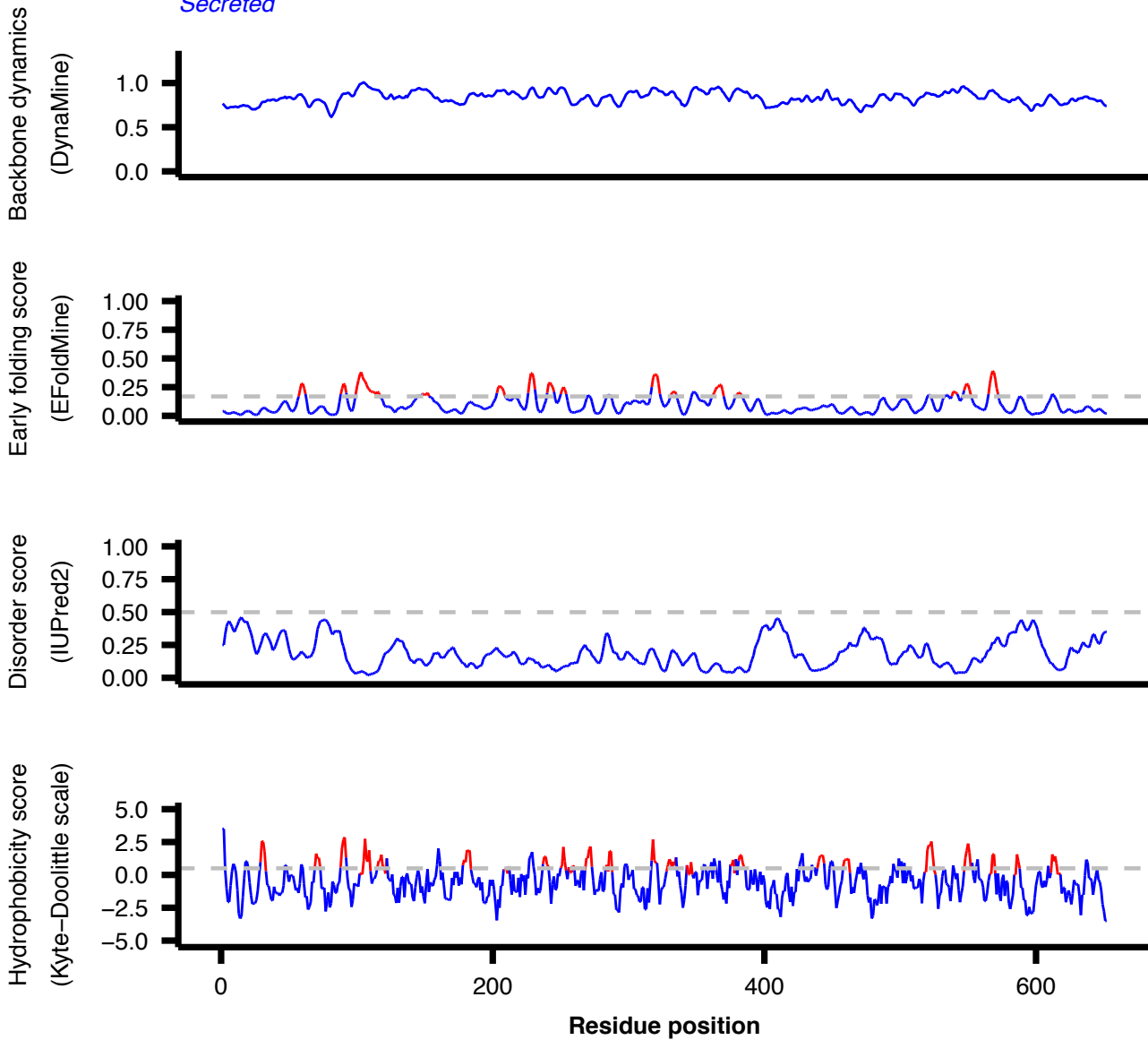
# P0AFI5 (PBP7\_ECOLI)

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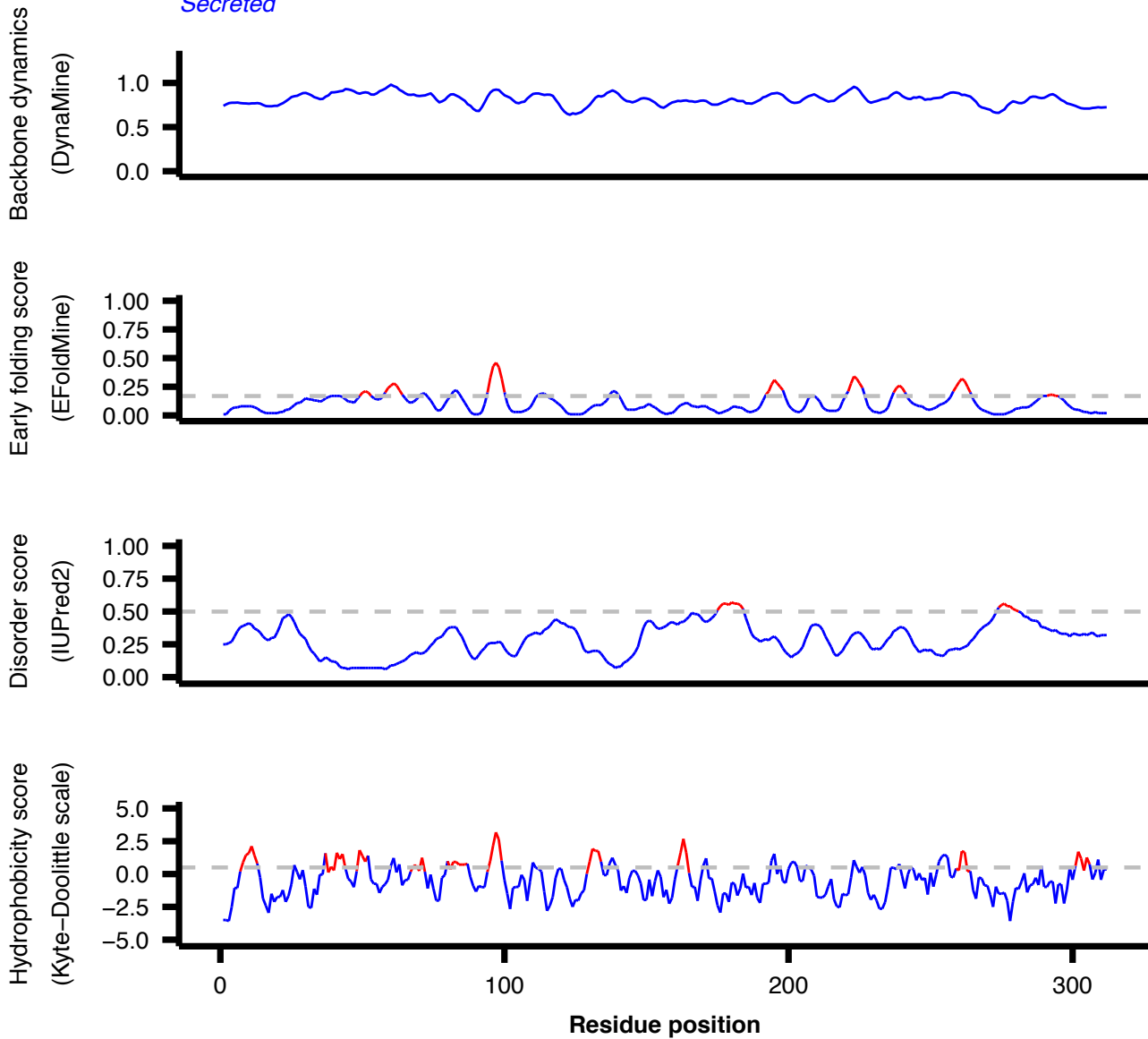
# P75906 (PGAB\_ECOLI)

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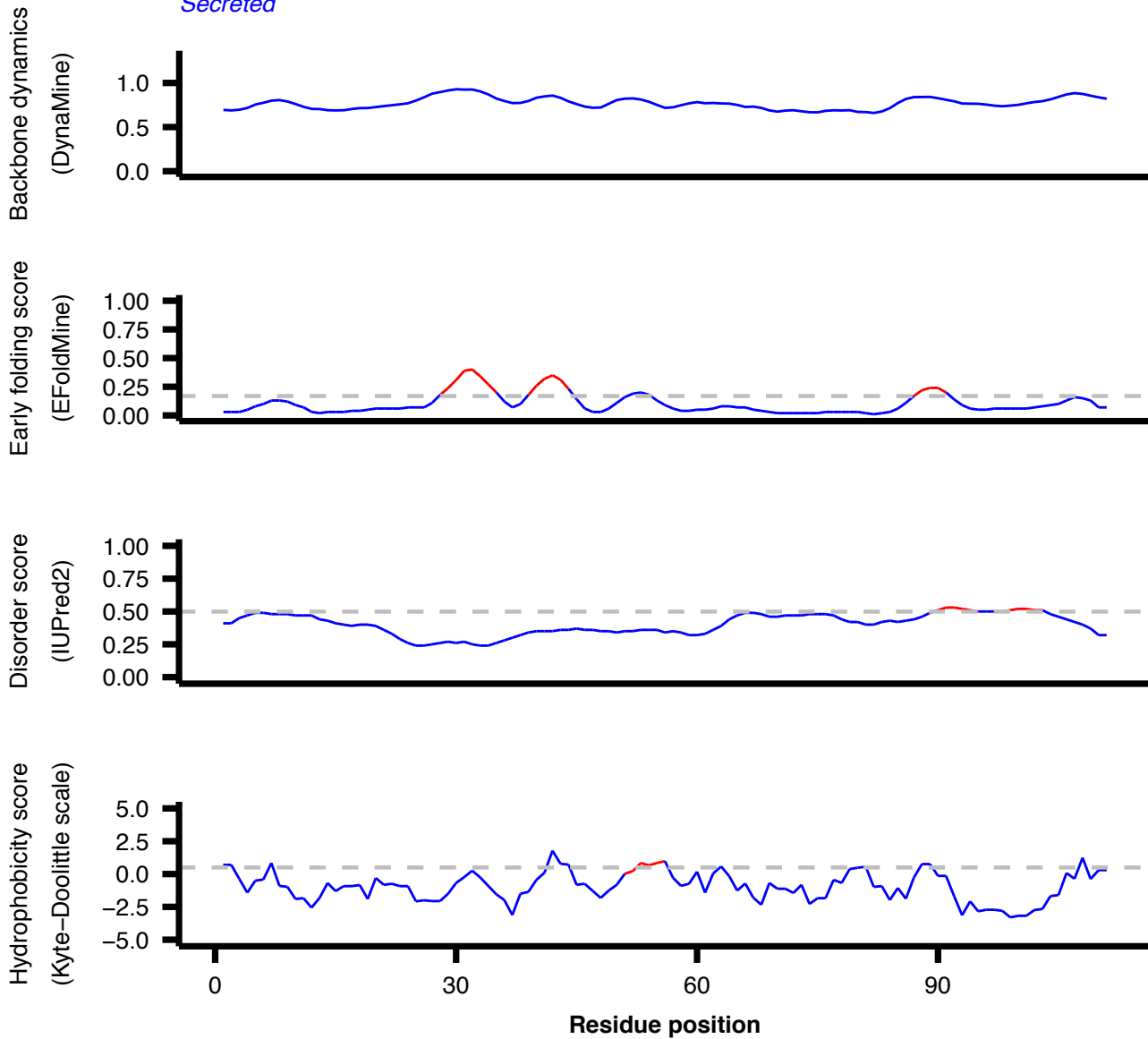
# P16682 (PHND\_ECOLI)

*Secreted*



# P76002 (PLIG\_ECOLI)

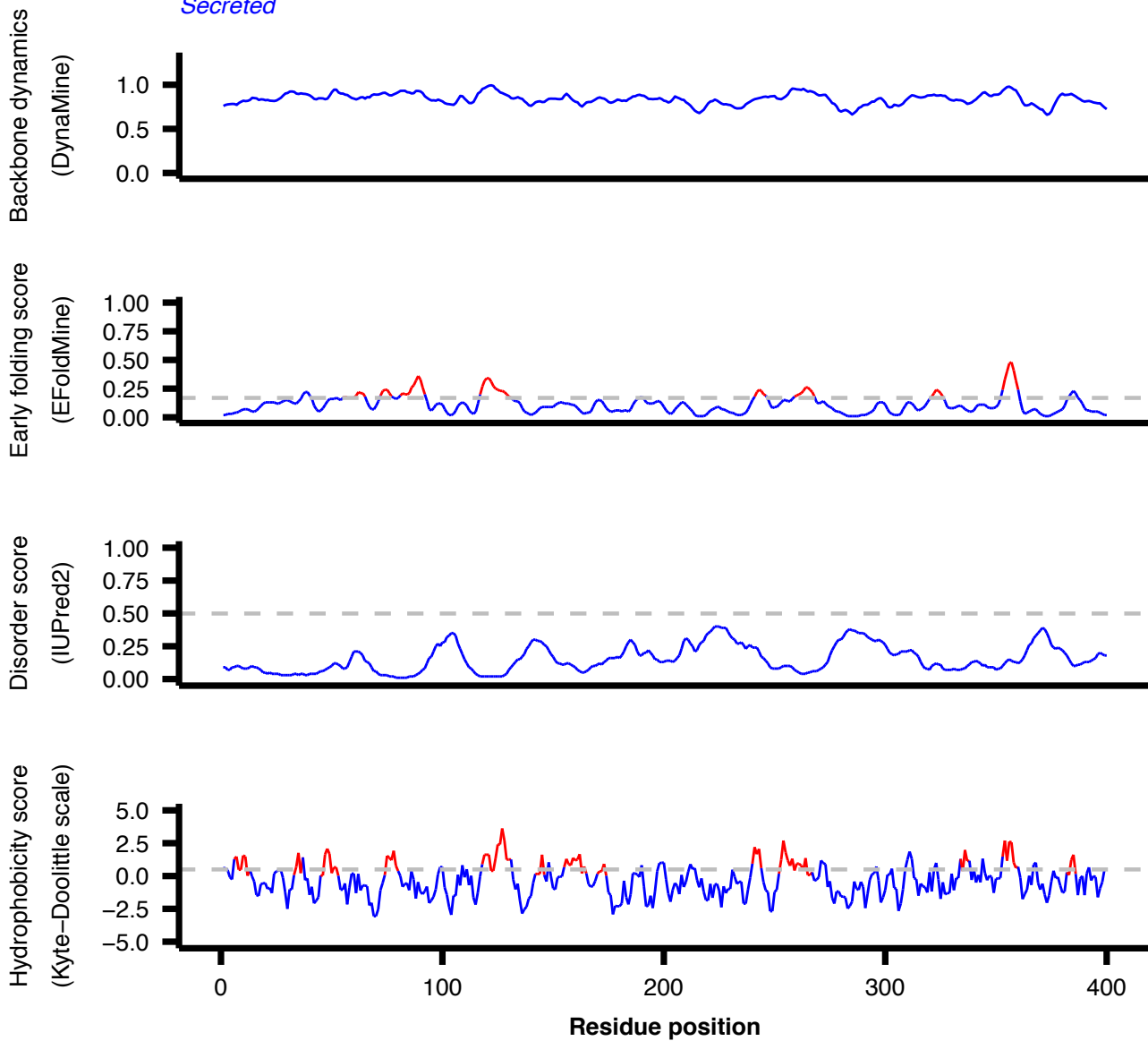
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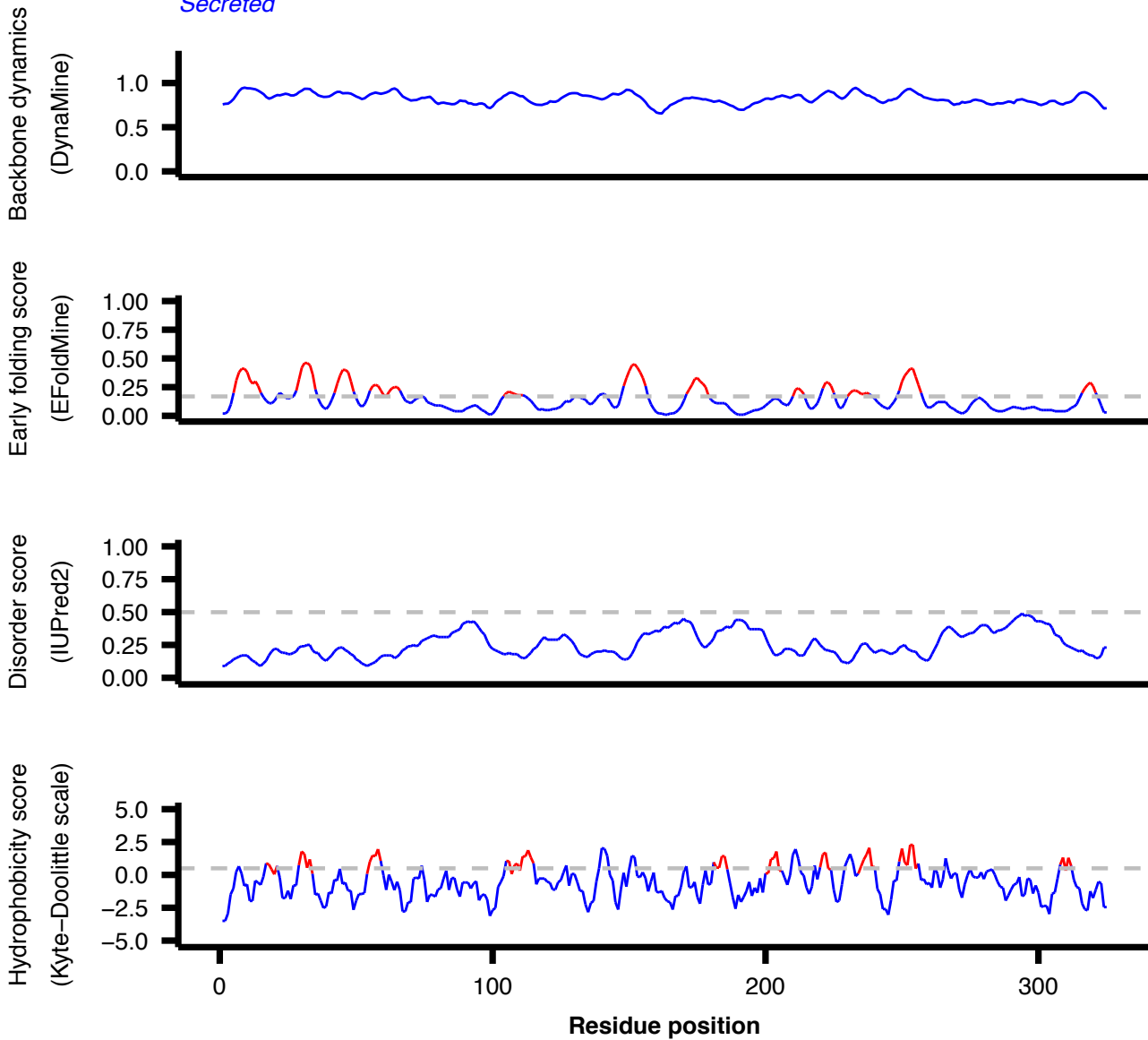
# P18133 (PNCB\_ECOLI)

*Secreted*



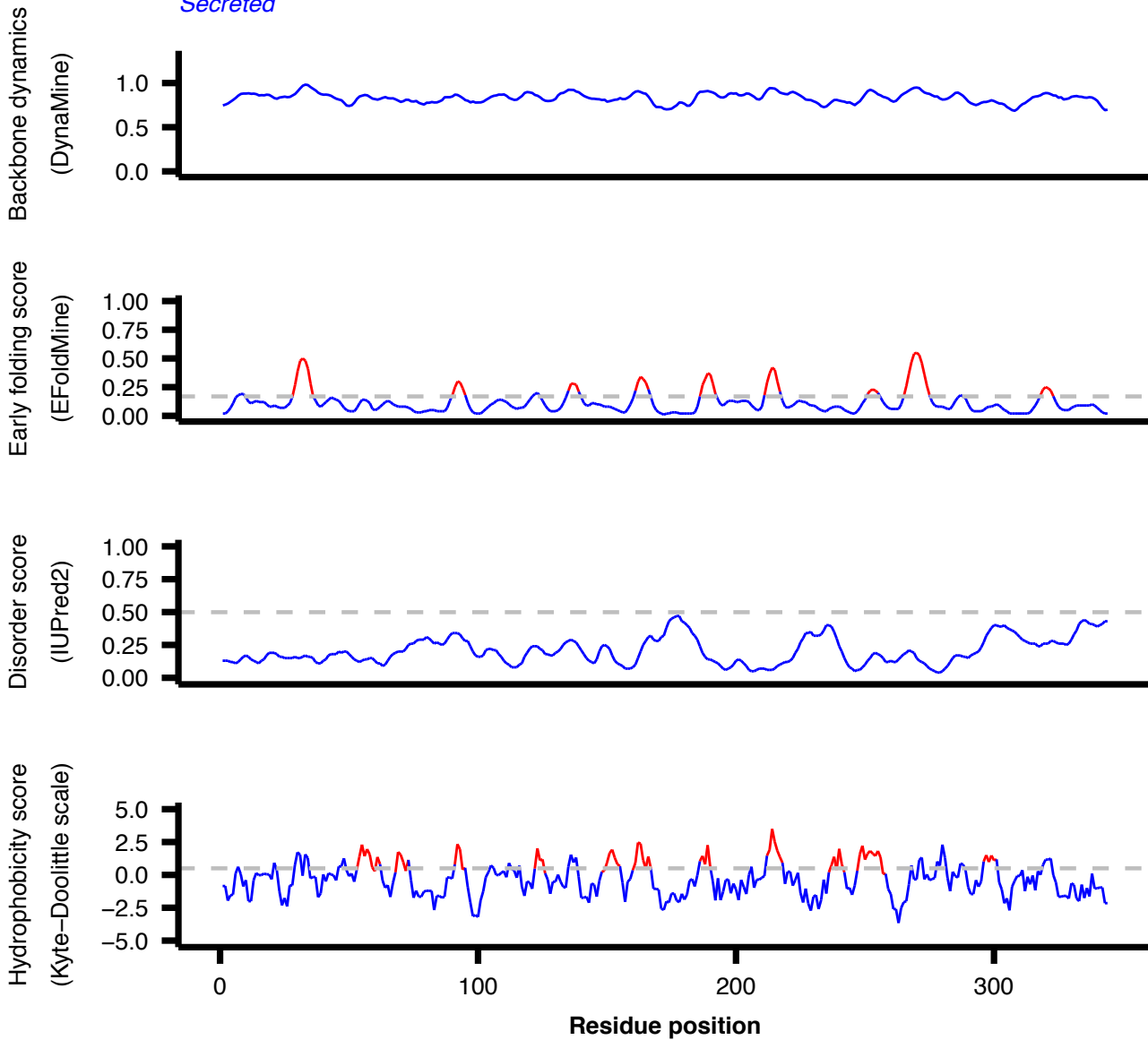
# P0AFK9 (POTD\_ECOLI)

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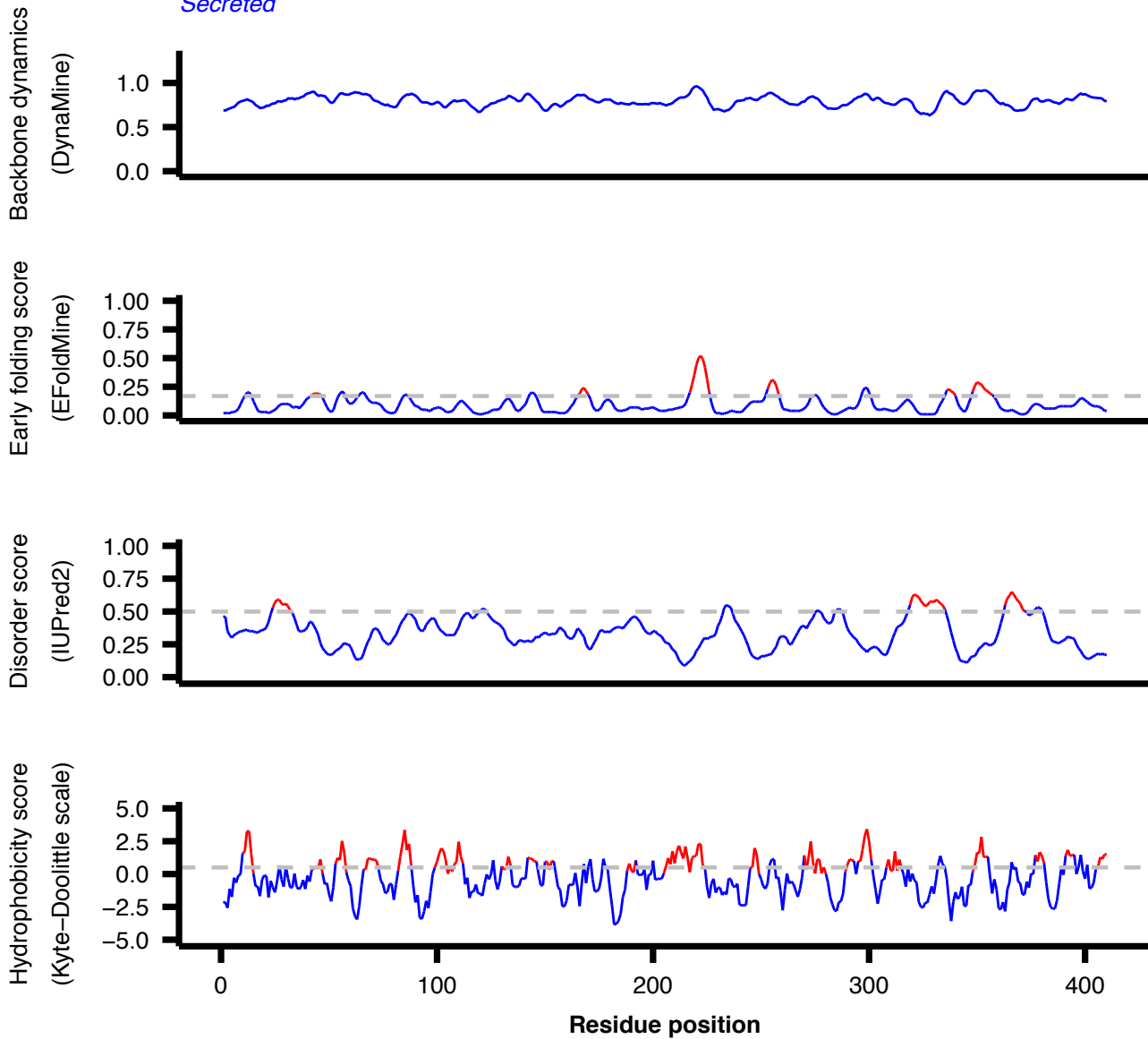
# P31133 (POTF\_ECOLI)

*Secreted*



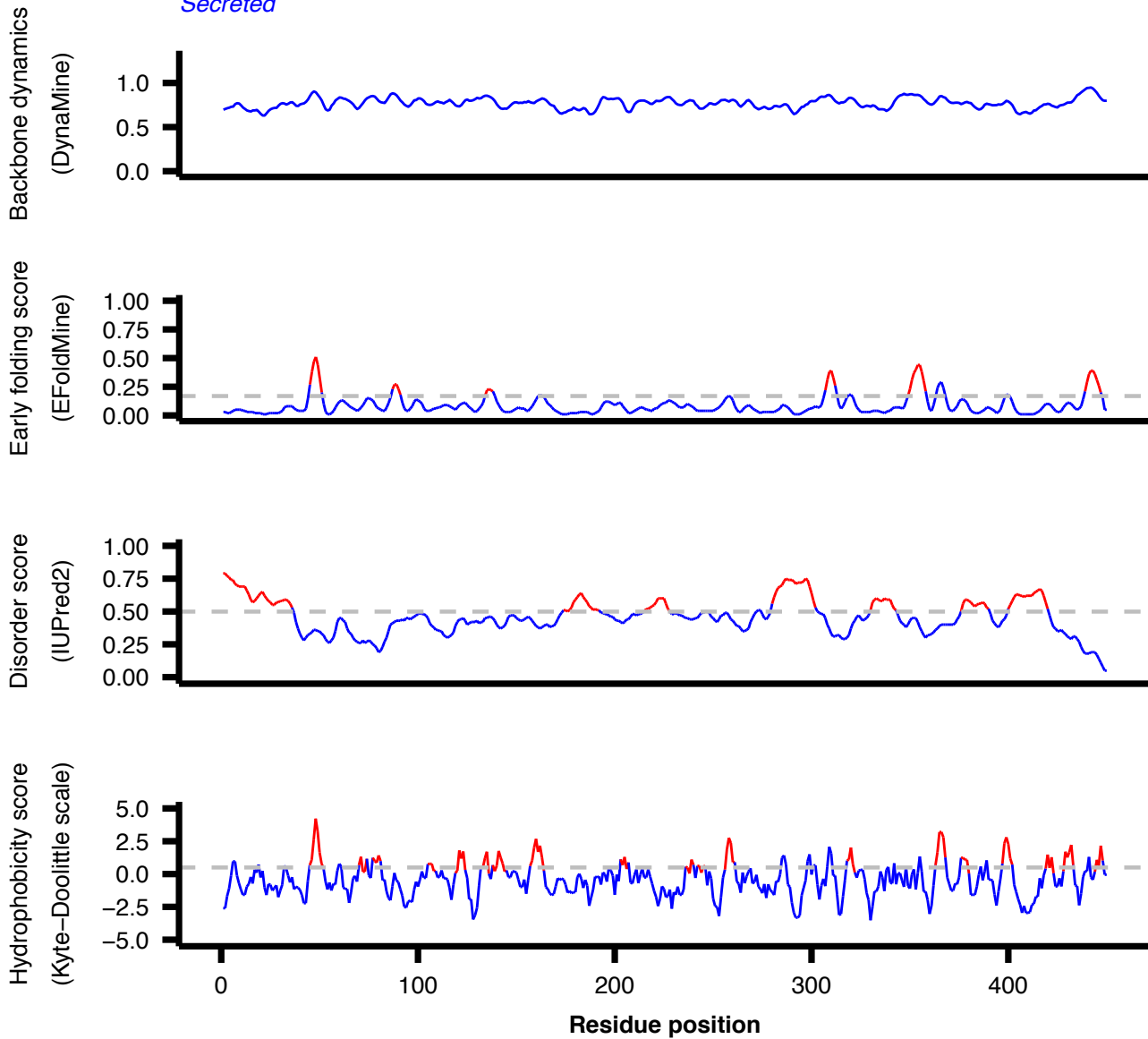
# P07102 (PPA\_ECOLI)

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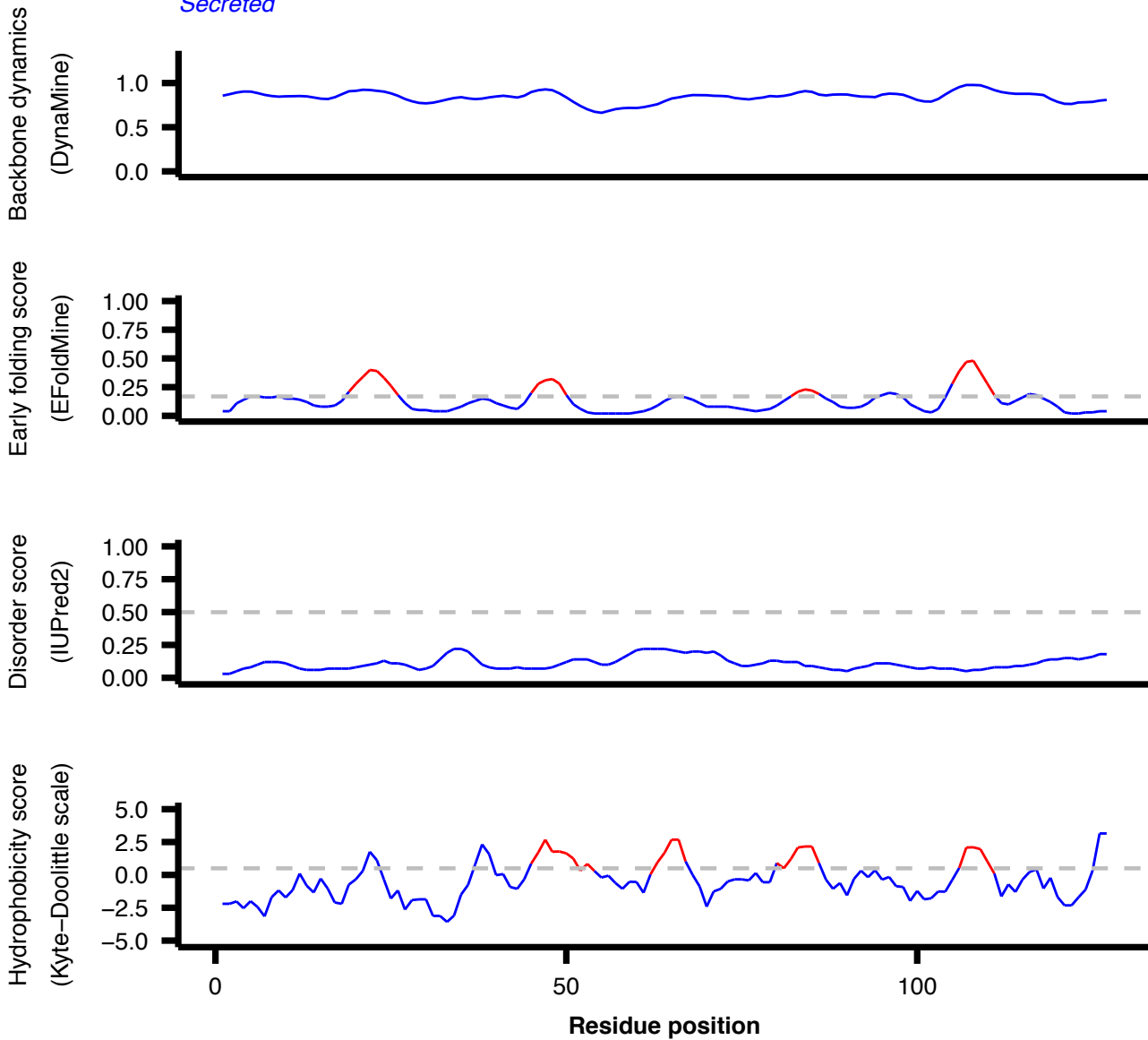
# P00634 (PPB\_ECOLI)

*Secreted*



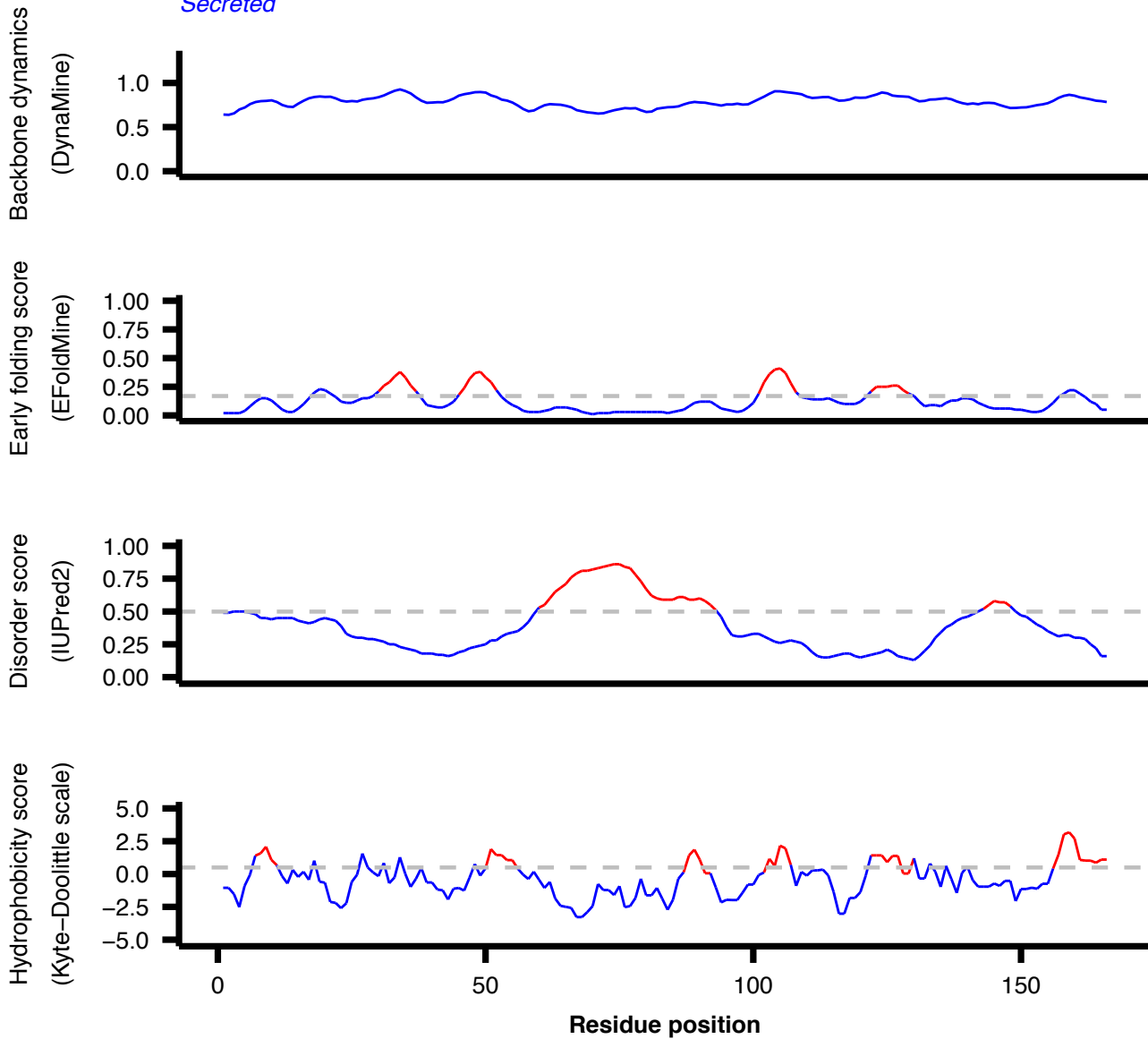
# P33554 (PPDA\_ECOLI)

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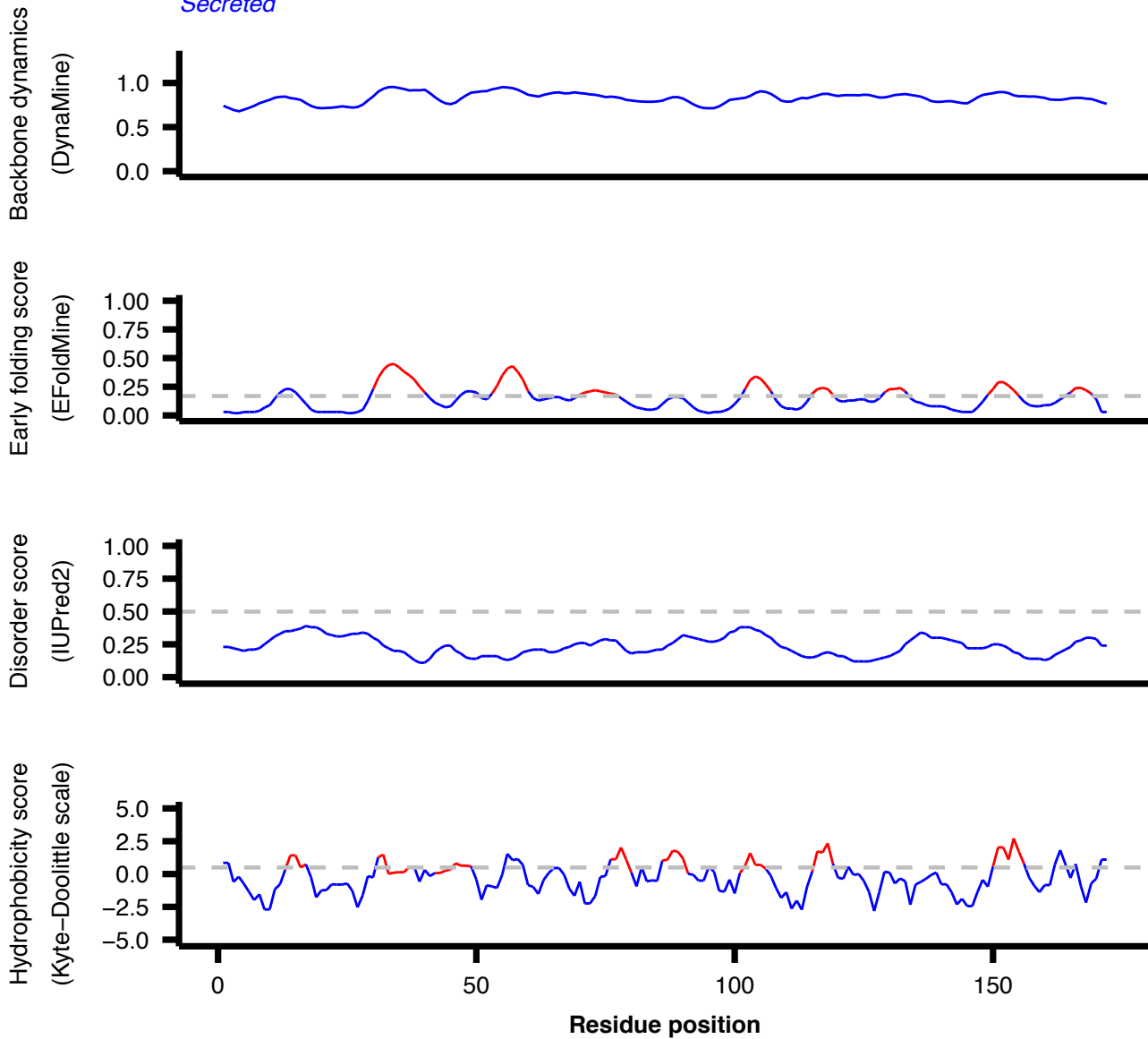
# P0AFL3 (PIIA\_ECOLI)

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# P0AB10 (PQIC\_ECOLI)

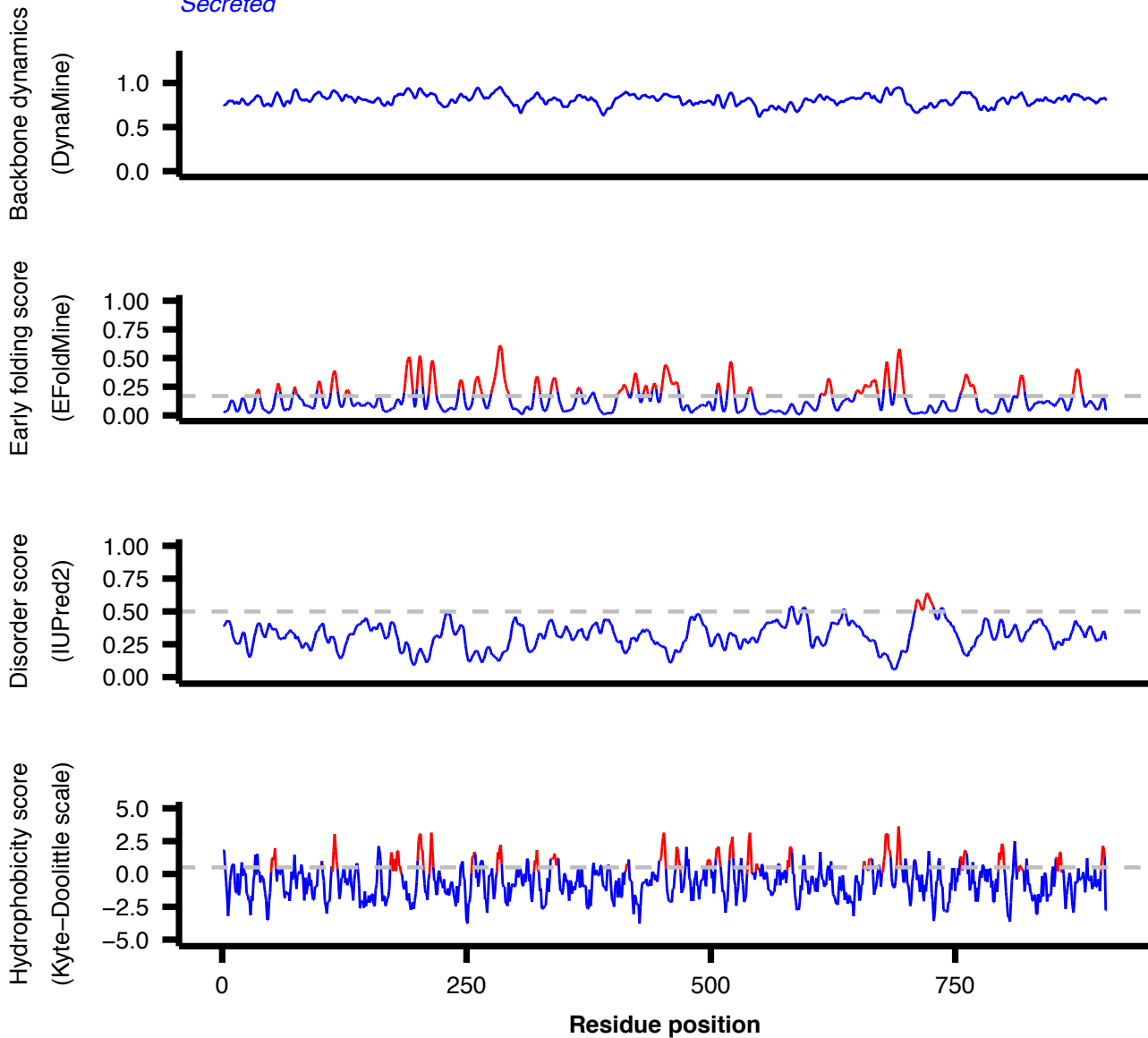
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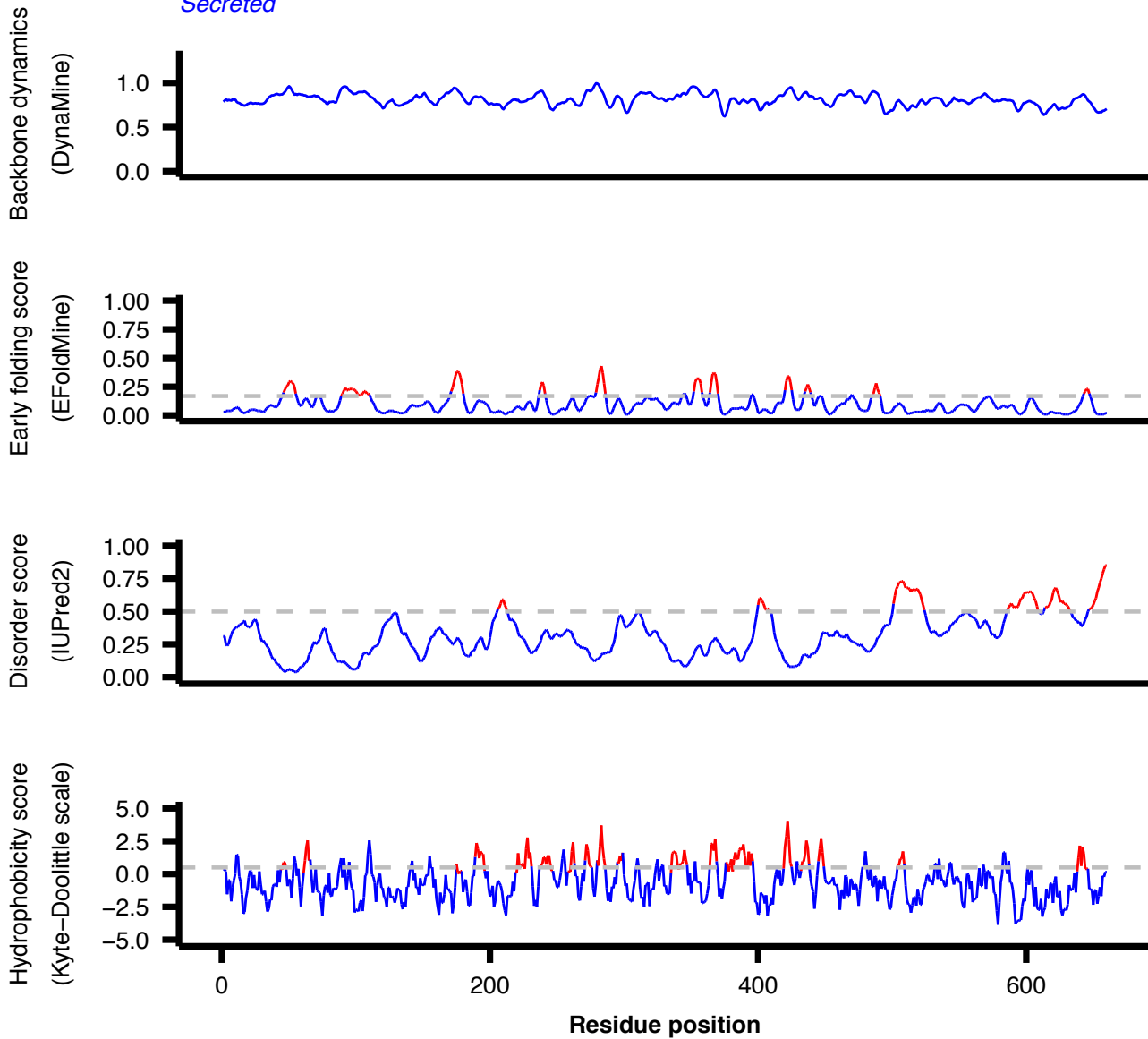
# P31828 (PQQL\_ECOLI)

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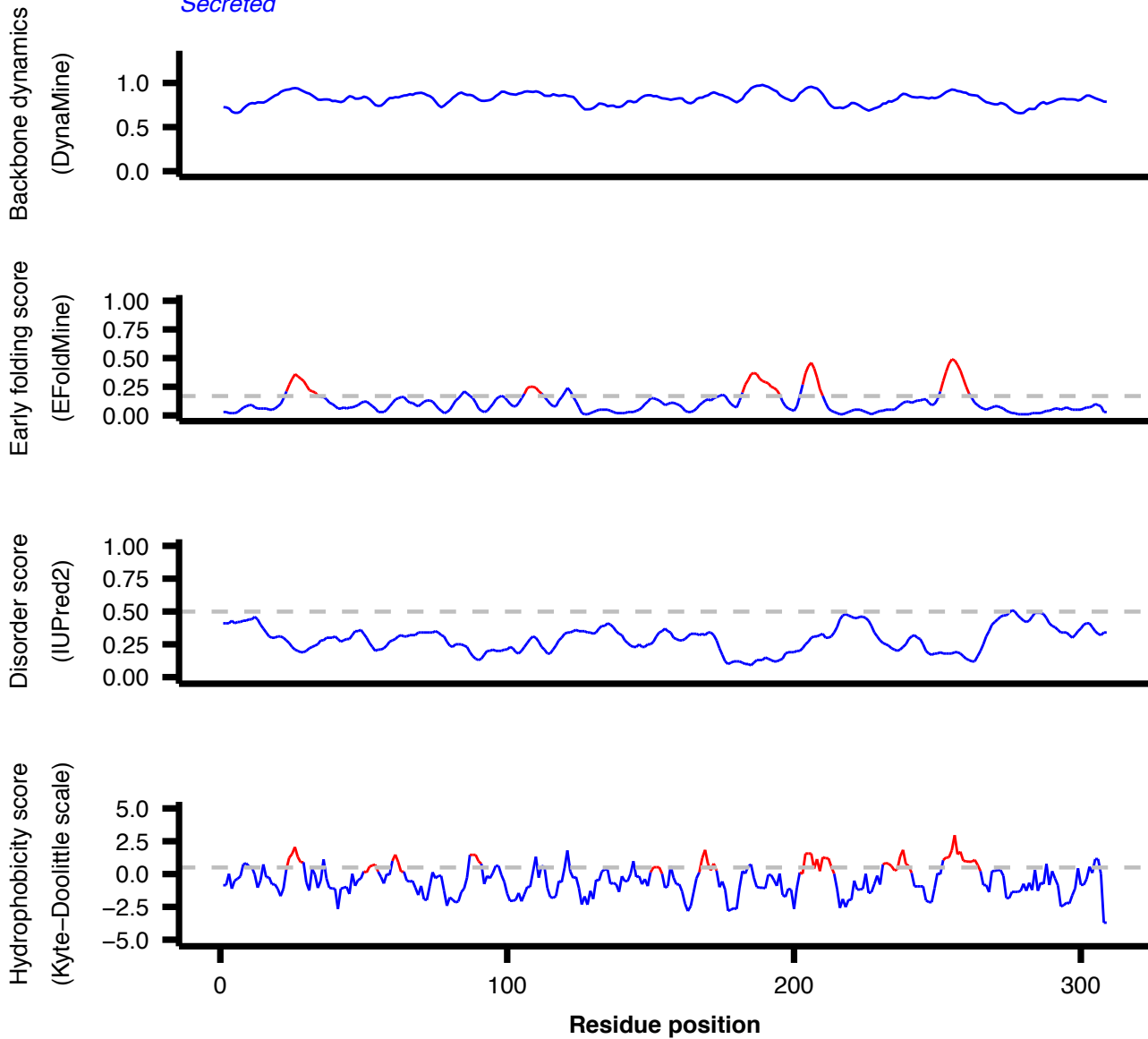
# P23865 (PRC\_ECOLI)

*Secreted*



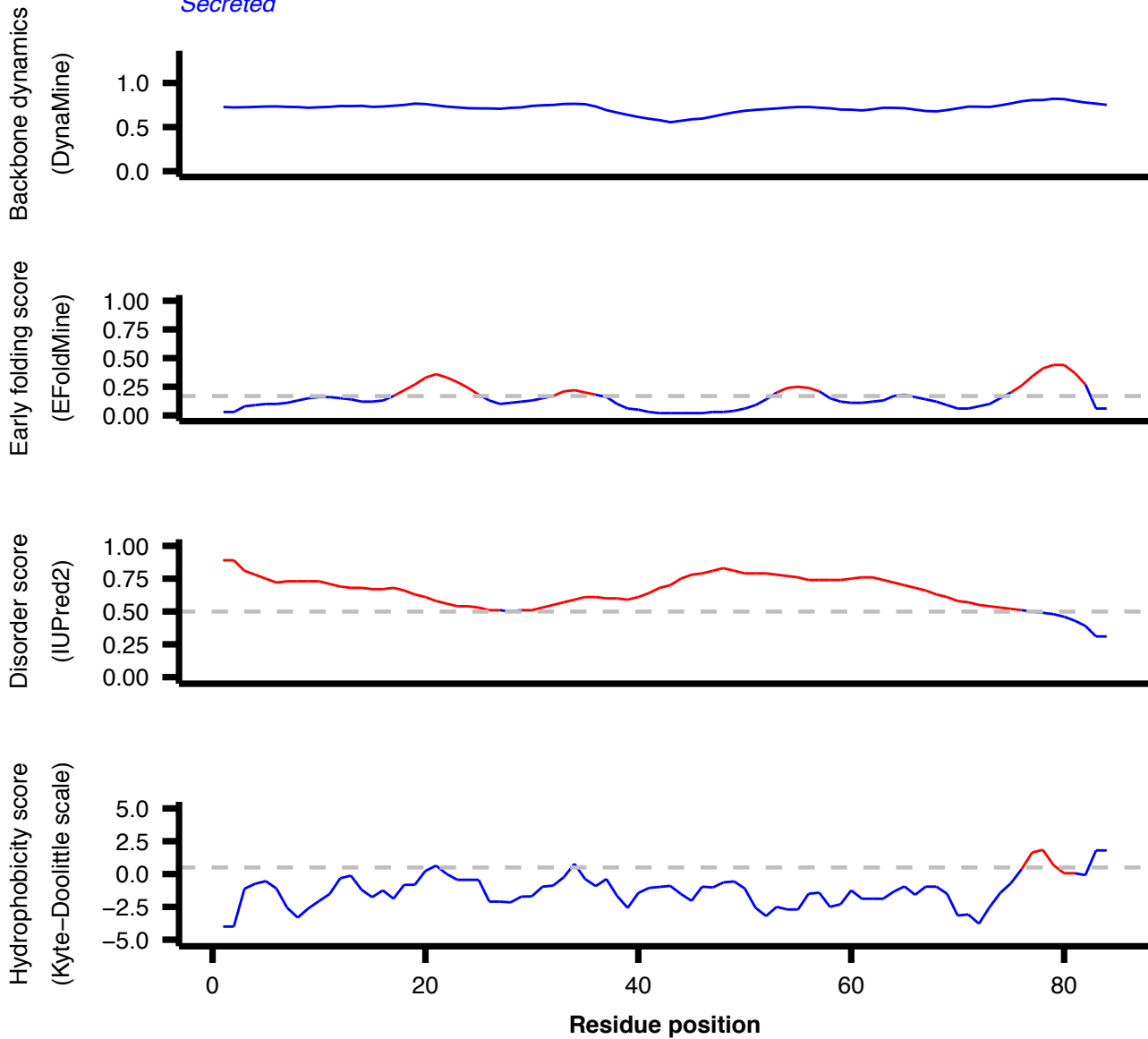
# P0AFM2 (PROX\_ECOLI)

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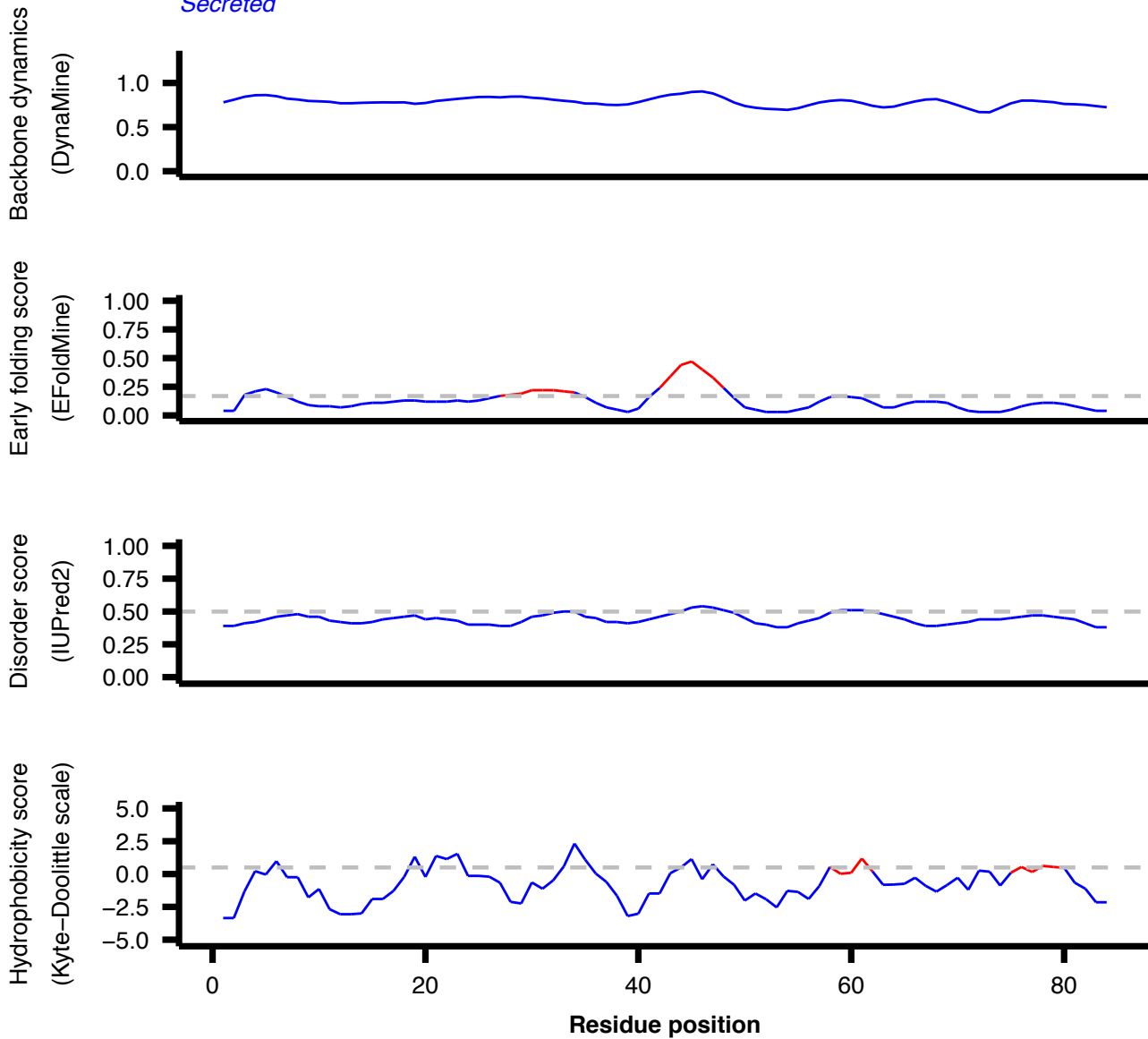
# P0AFM4 (PSIF\_ECOLI)

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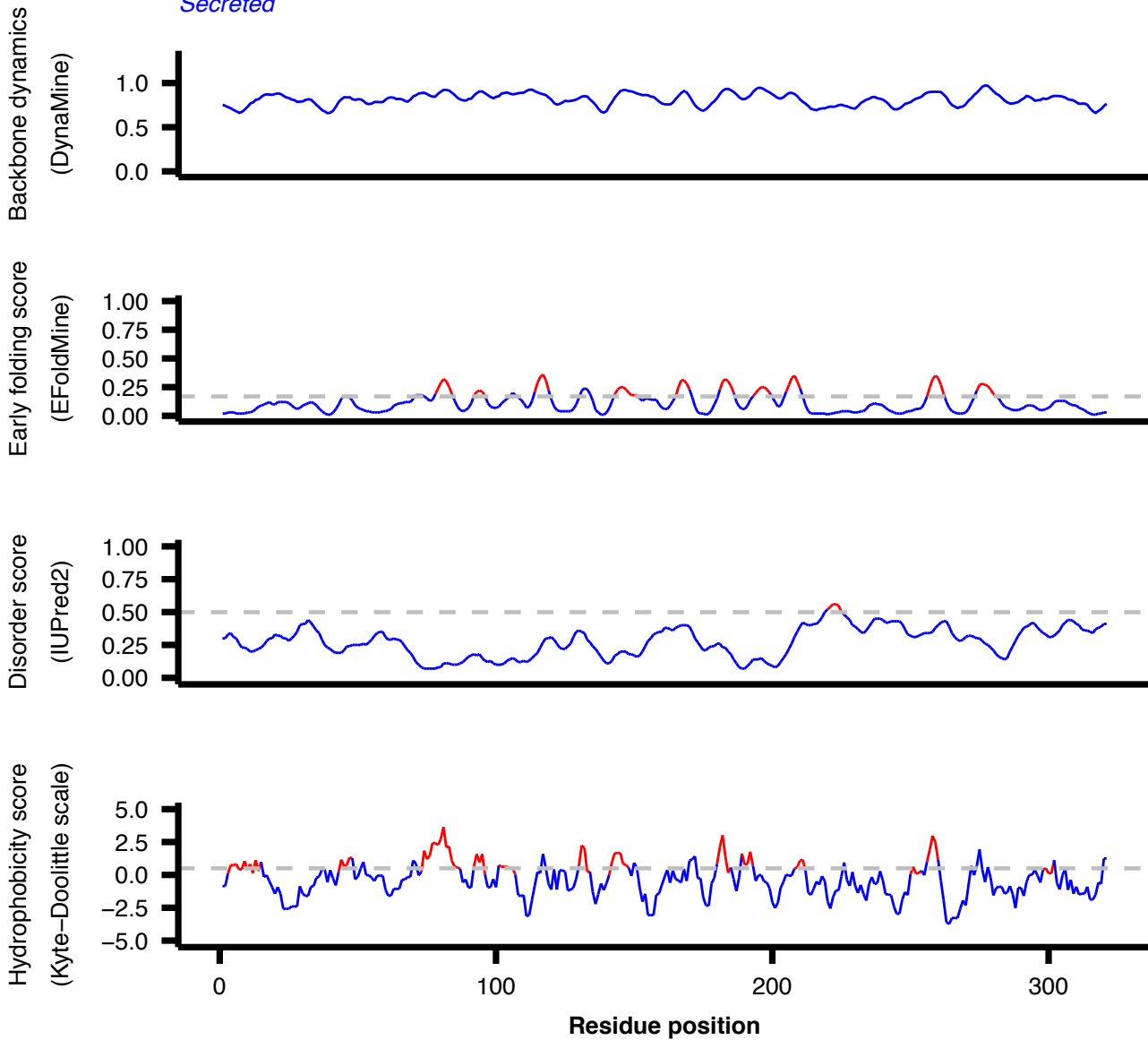
# P23857 (PSPE\_ECOLI)

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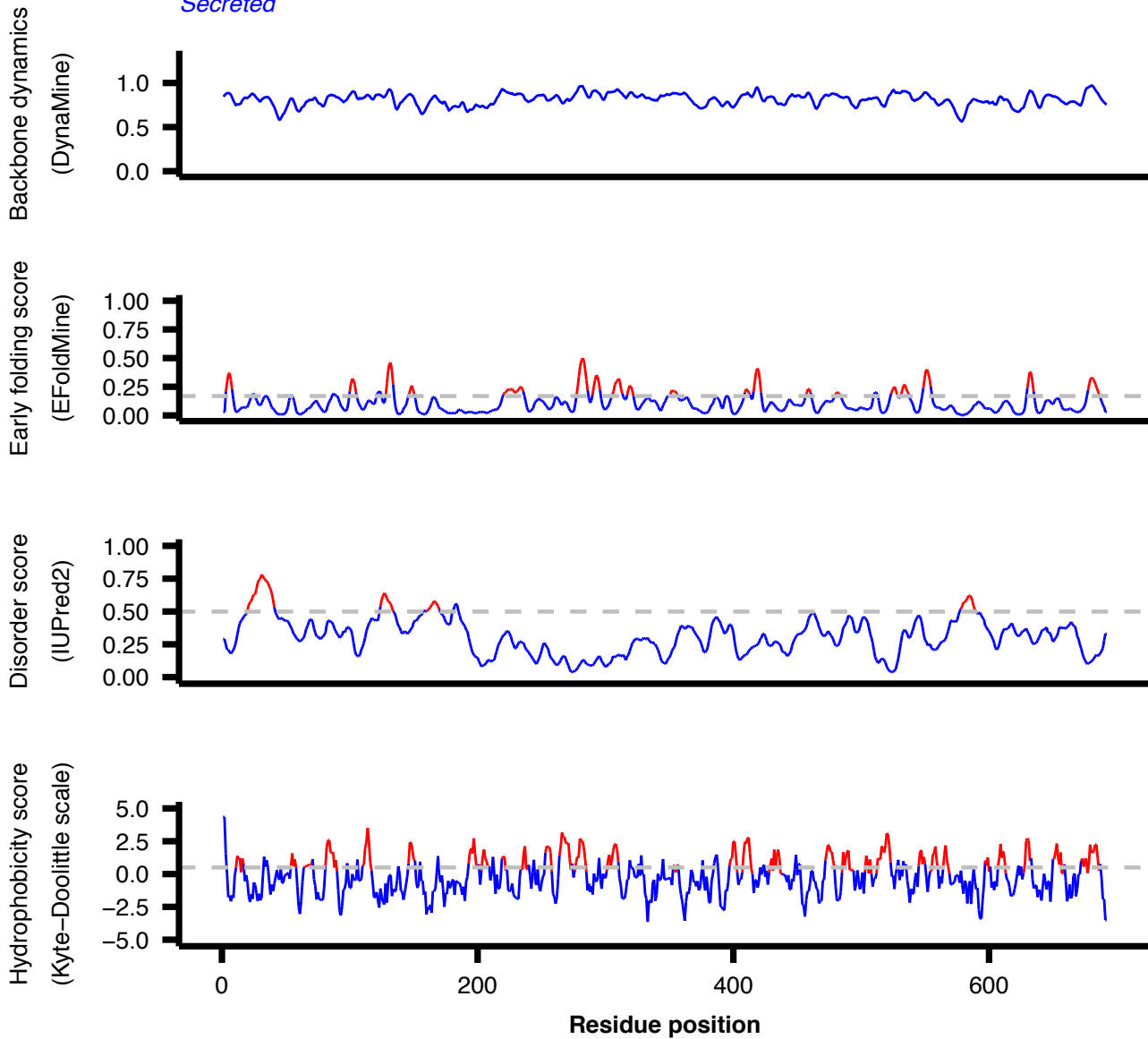
# P0AG82 (PSTS\_ECOLI)

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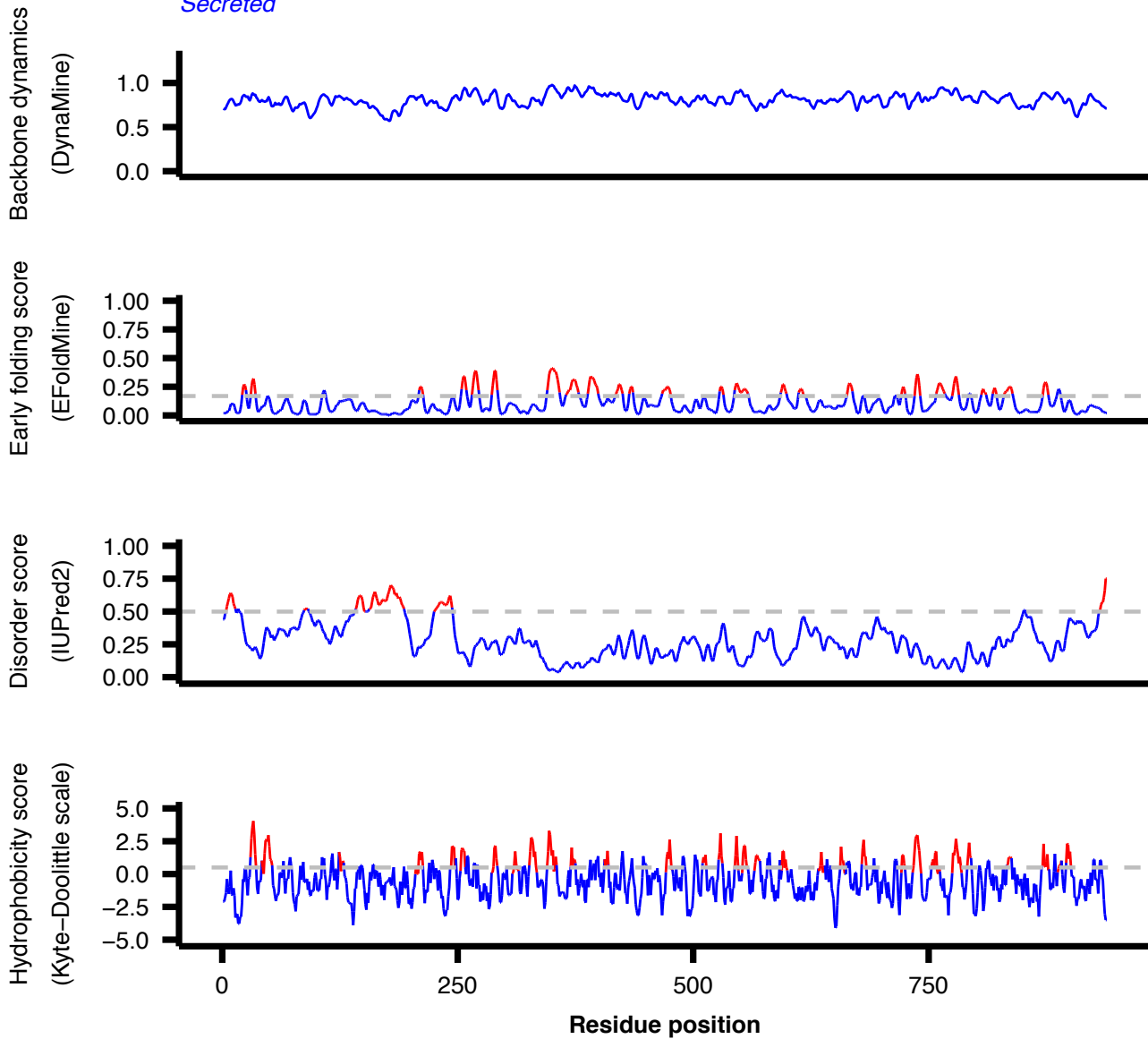
# P0A9M8 (PTA\_ECOLI)

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# P05458 (PTRA\_ECOLI)

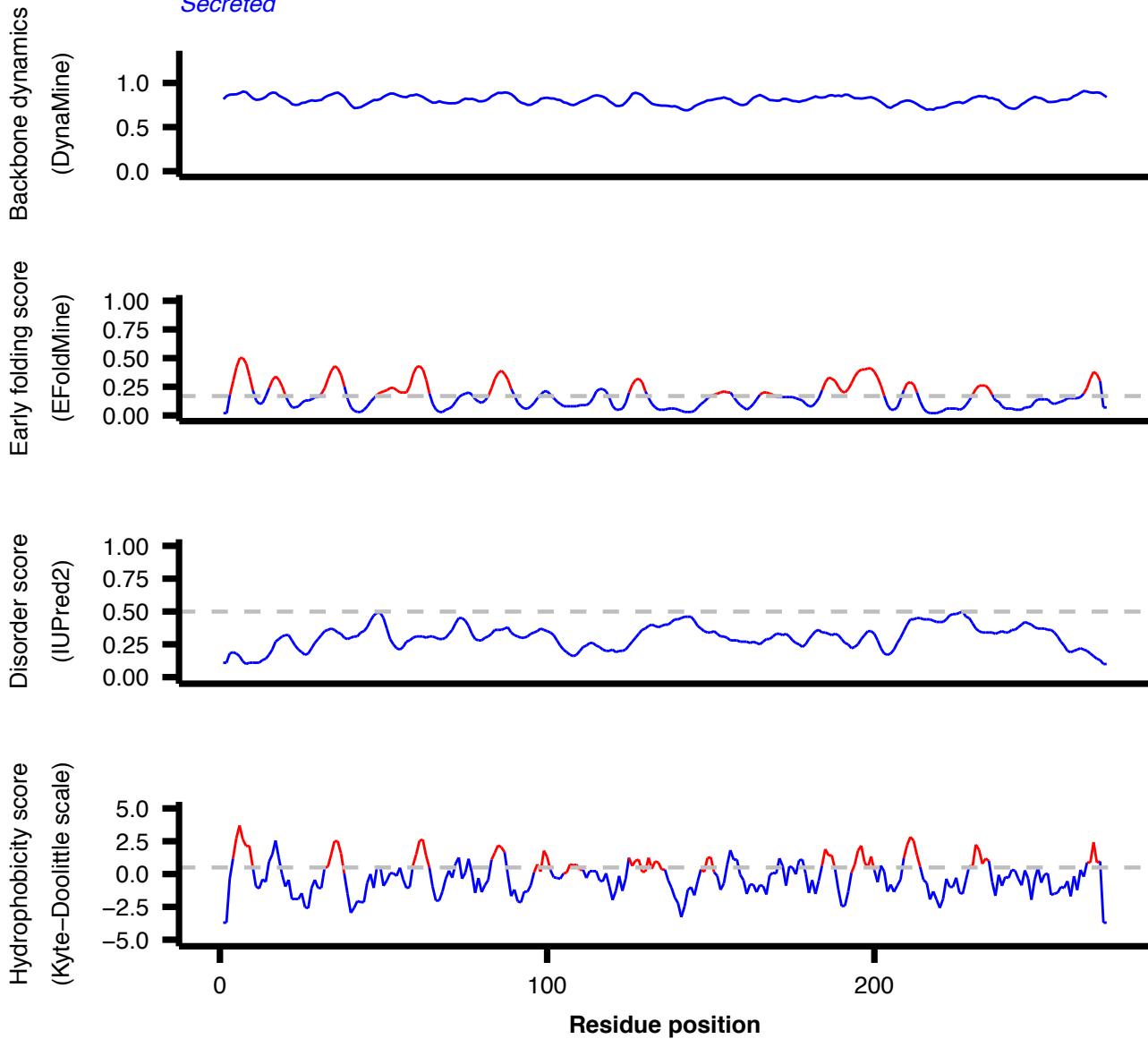
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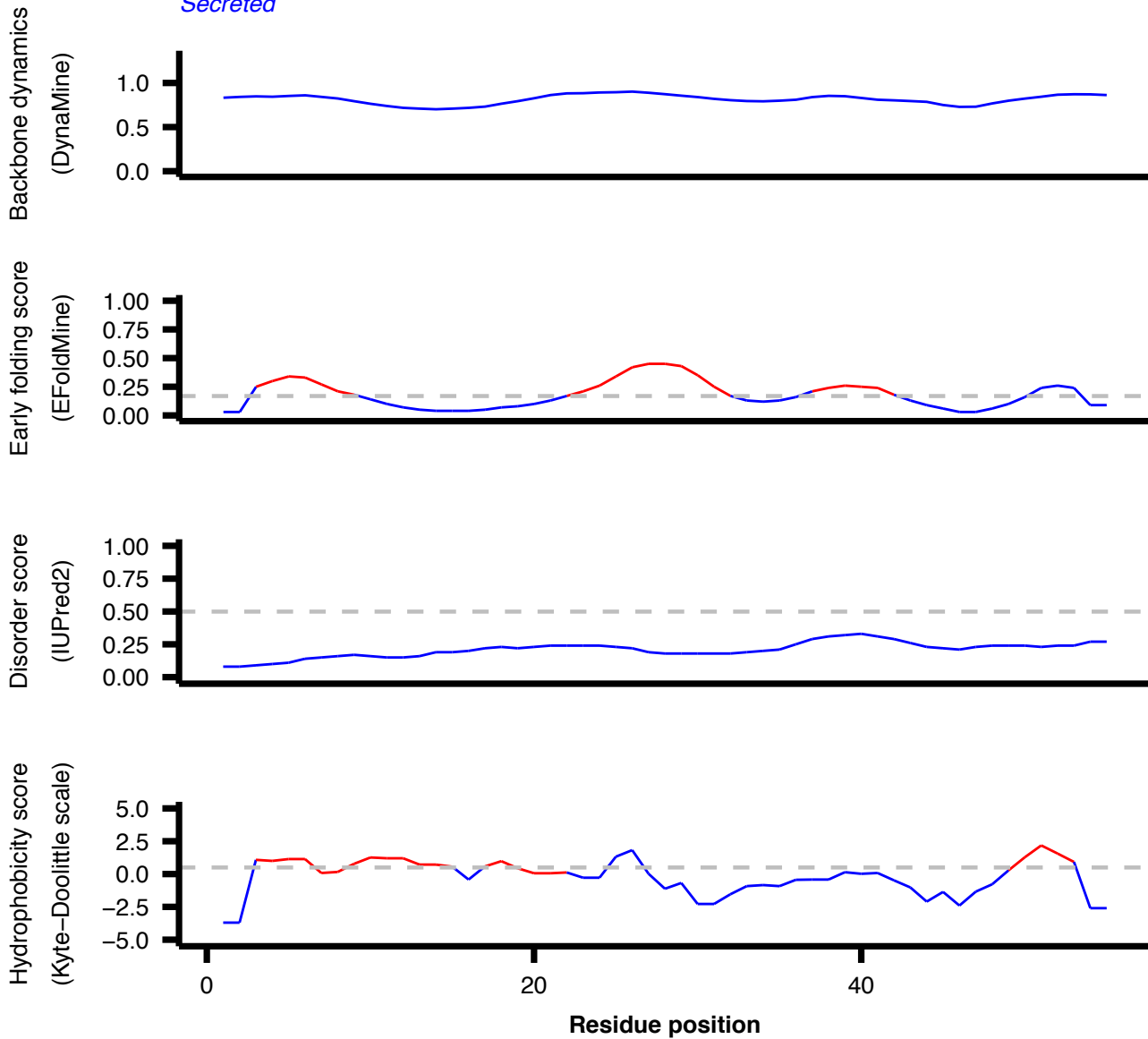
# P02925 (RBSB\_ECOLI)

*Secreted*



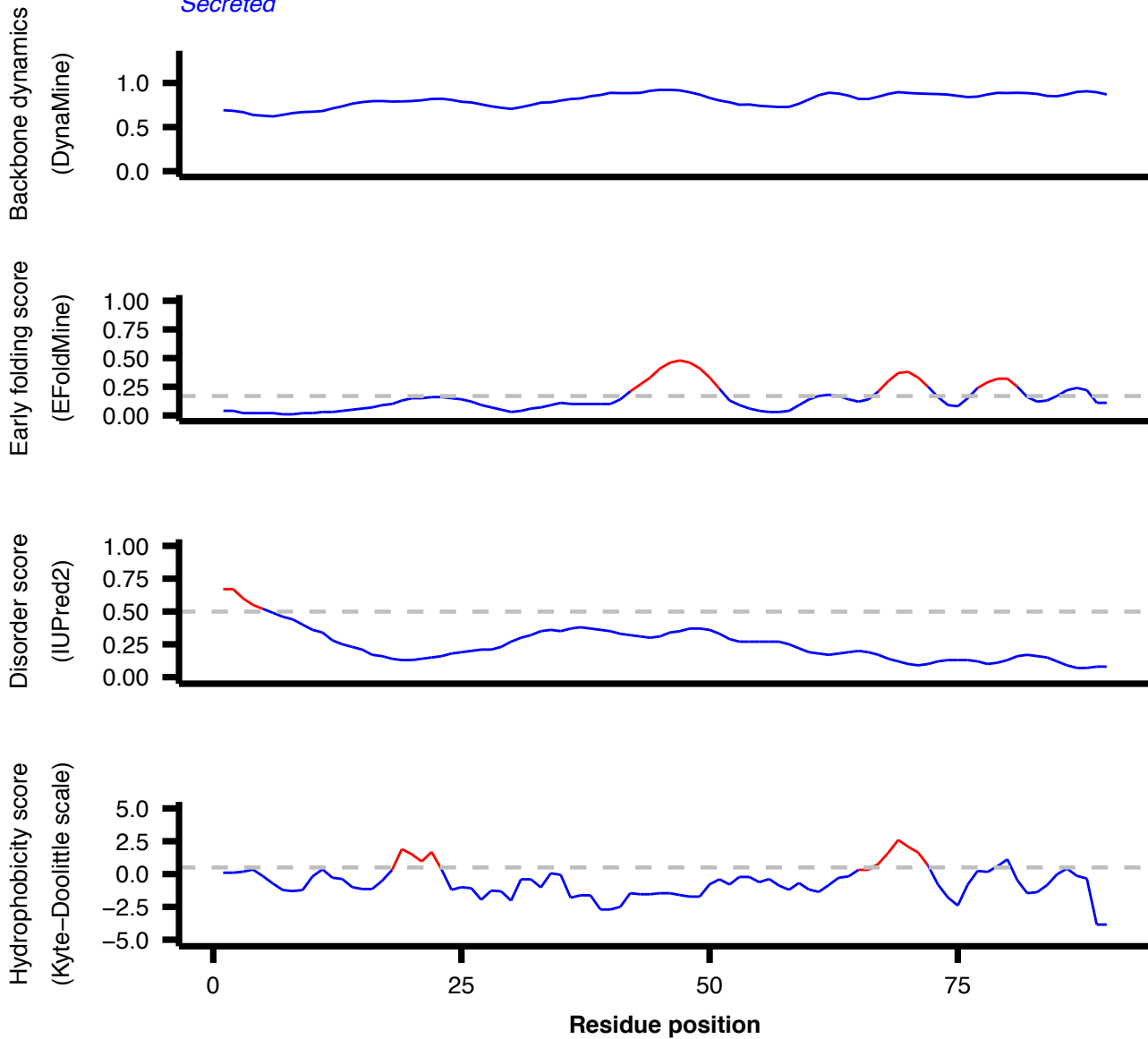
# P75687 (RCLB\_ECOLI)

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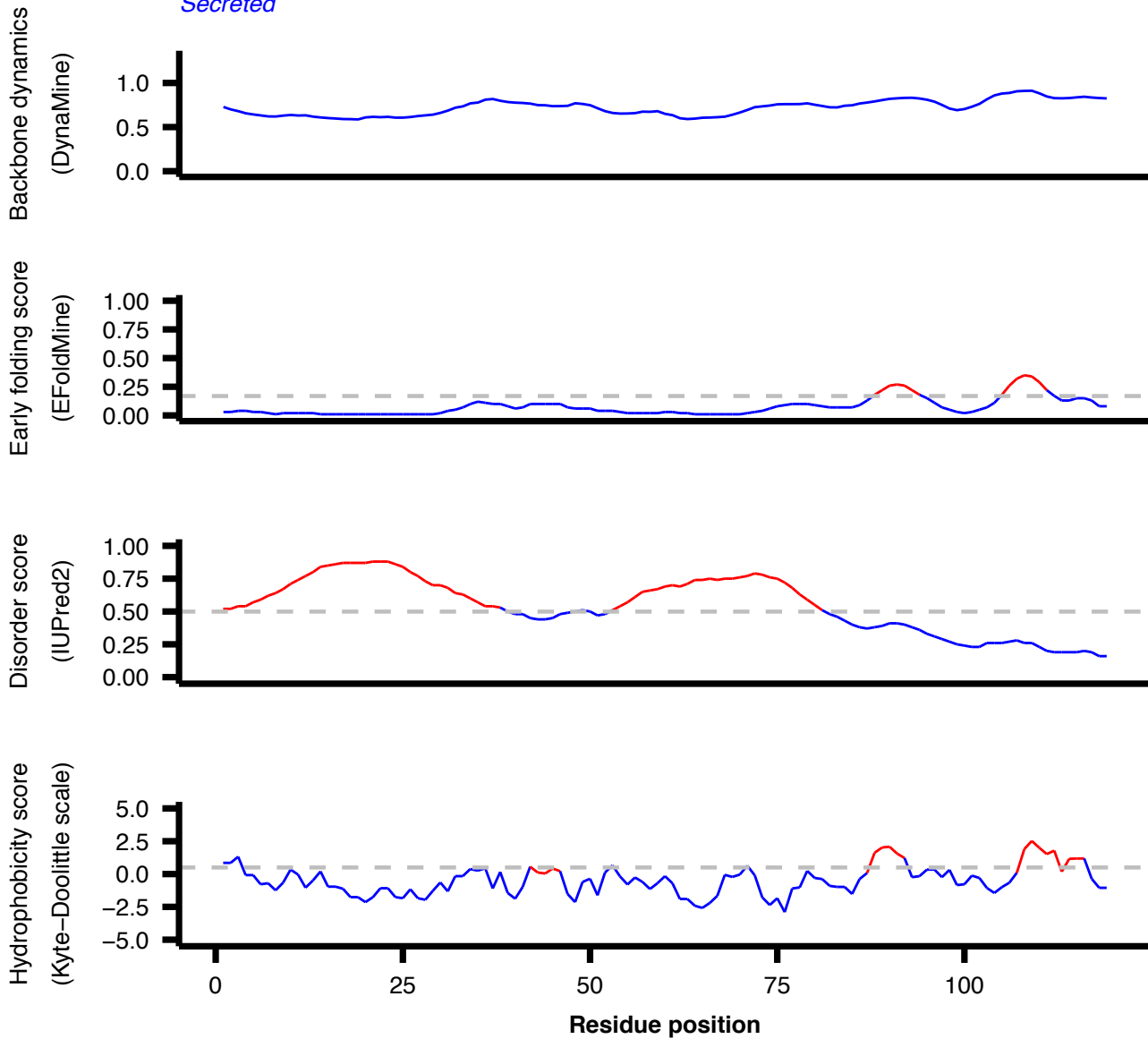
# P64534 (RCNB\_ECOLI)

*Secreted*



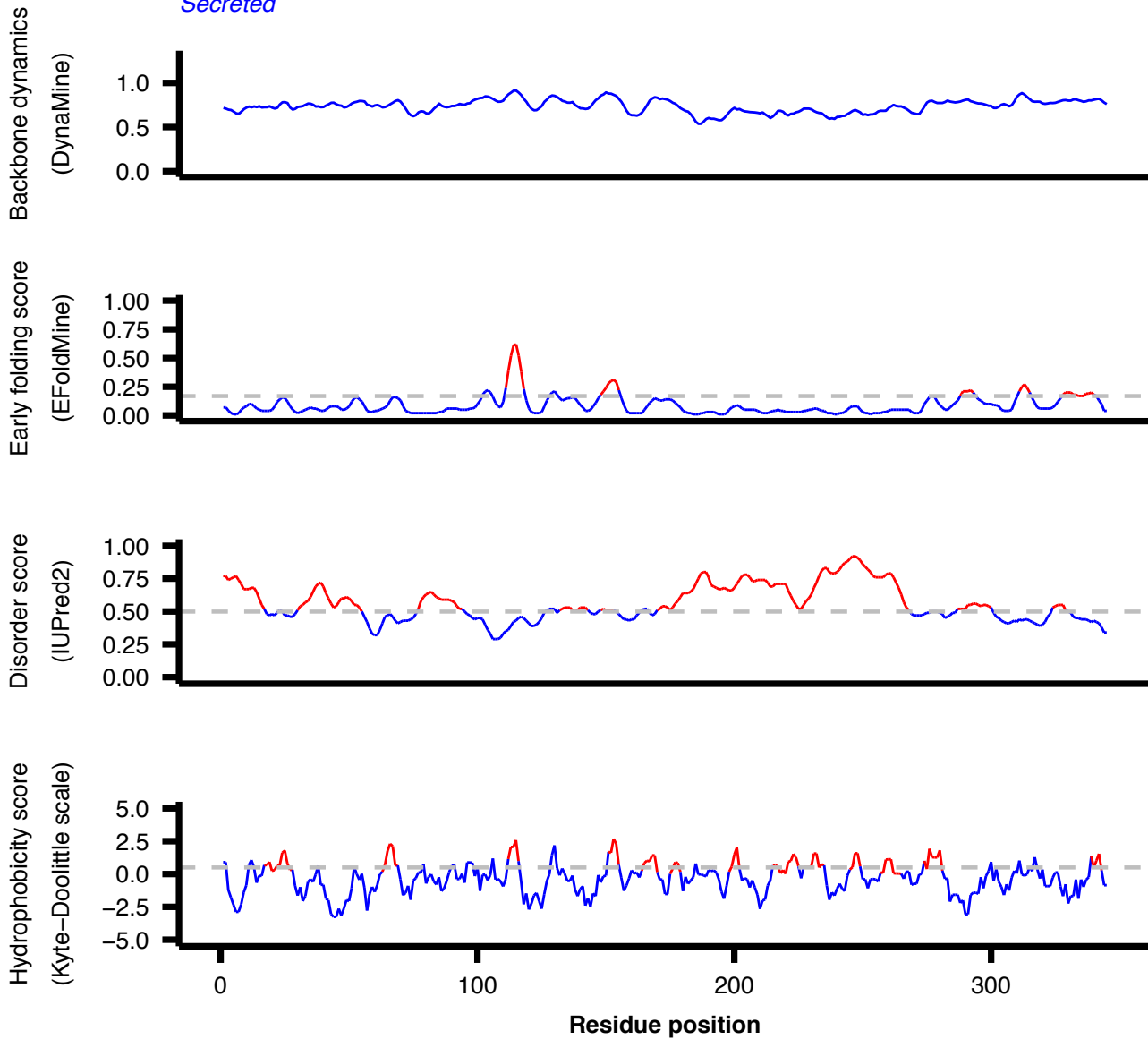
# P69411 (RCSF\_ECOLI)

*Secreted*



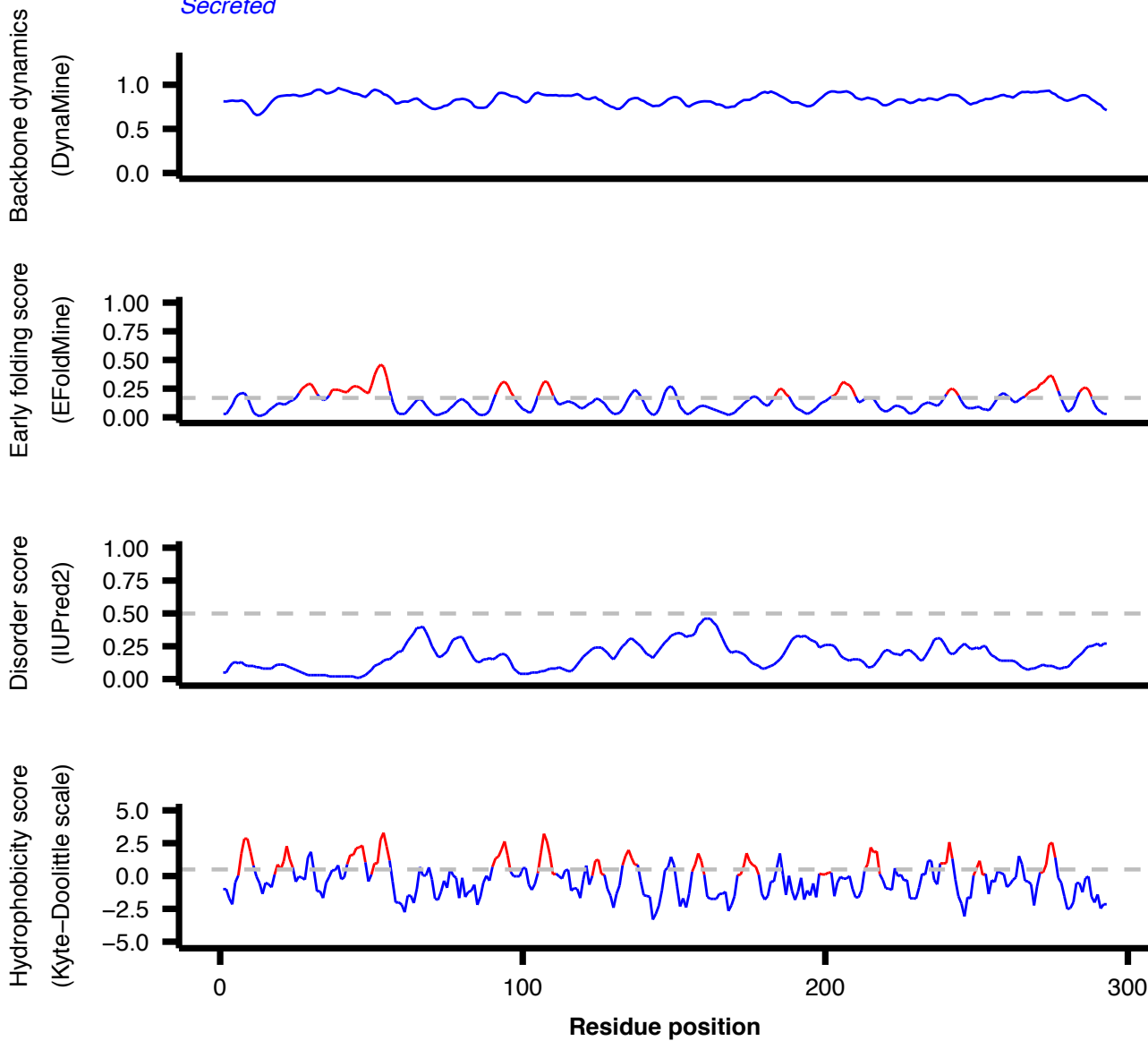
# P10100 (RLPA\_ECOLI)

*Secreted*



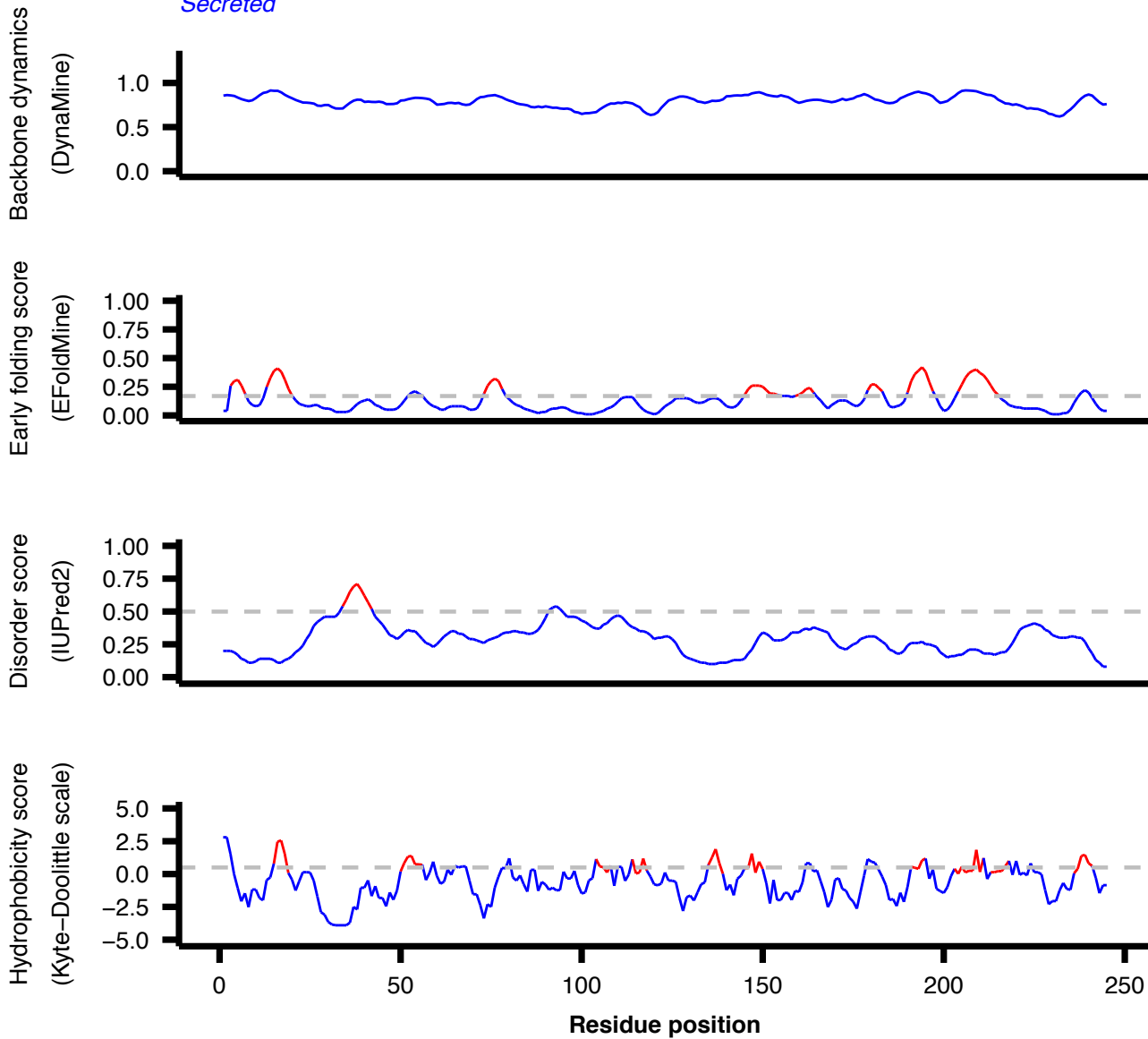
# P37744 (RMLA1\_ECOLI)

*Secreted*



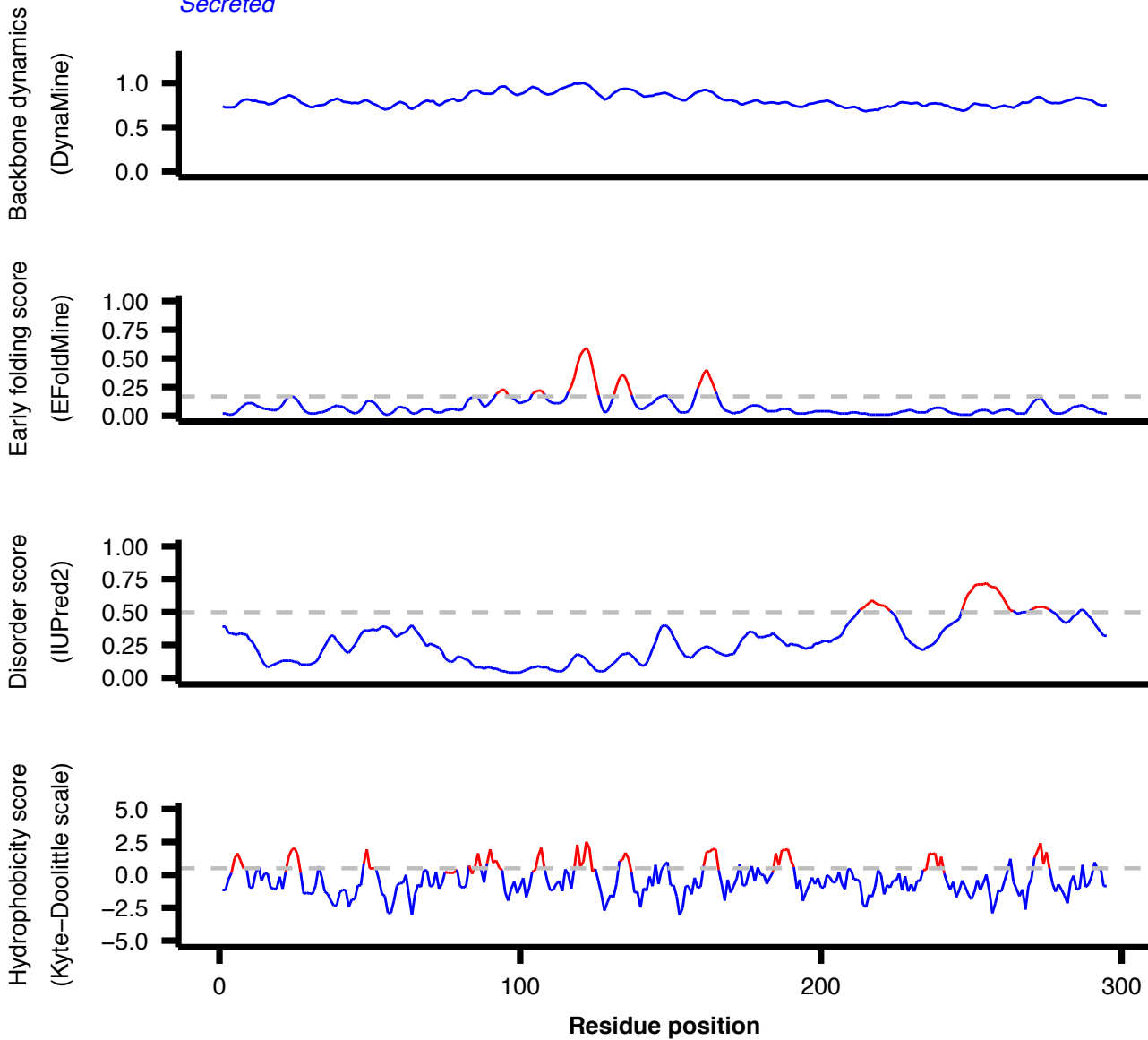
# P21338 (RNI\_ECOLI)

*Secreted*



# P0AFX9 (RSEB\_ECOLI)

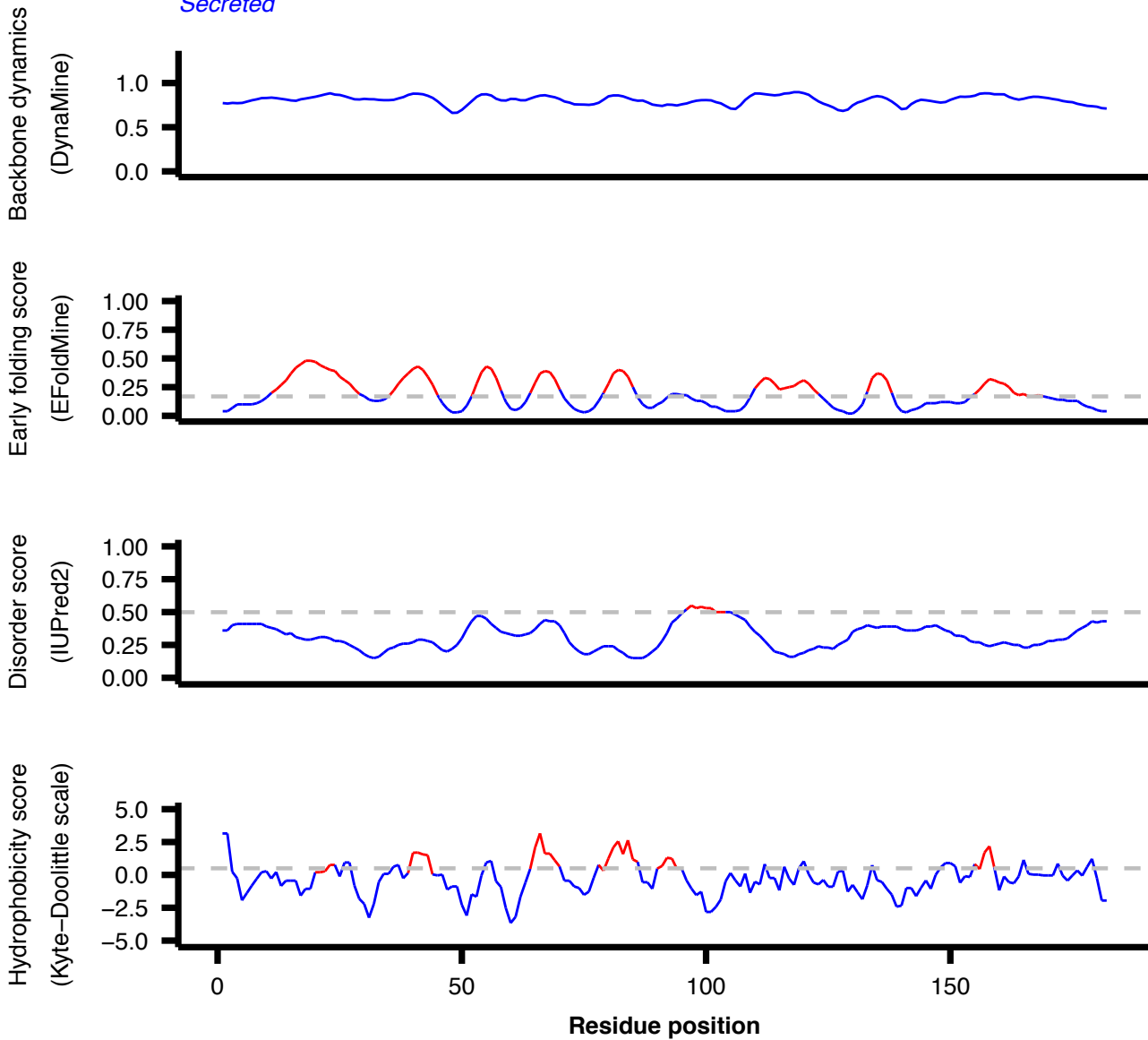
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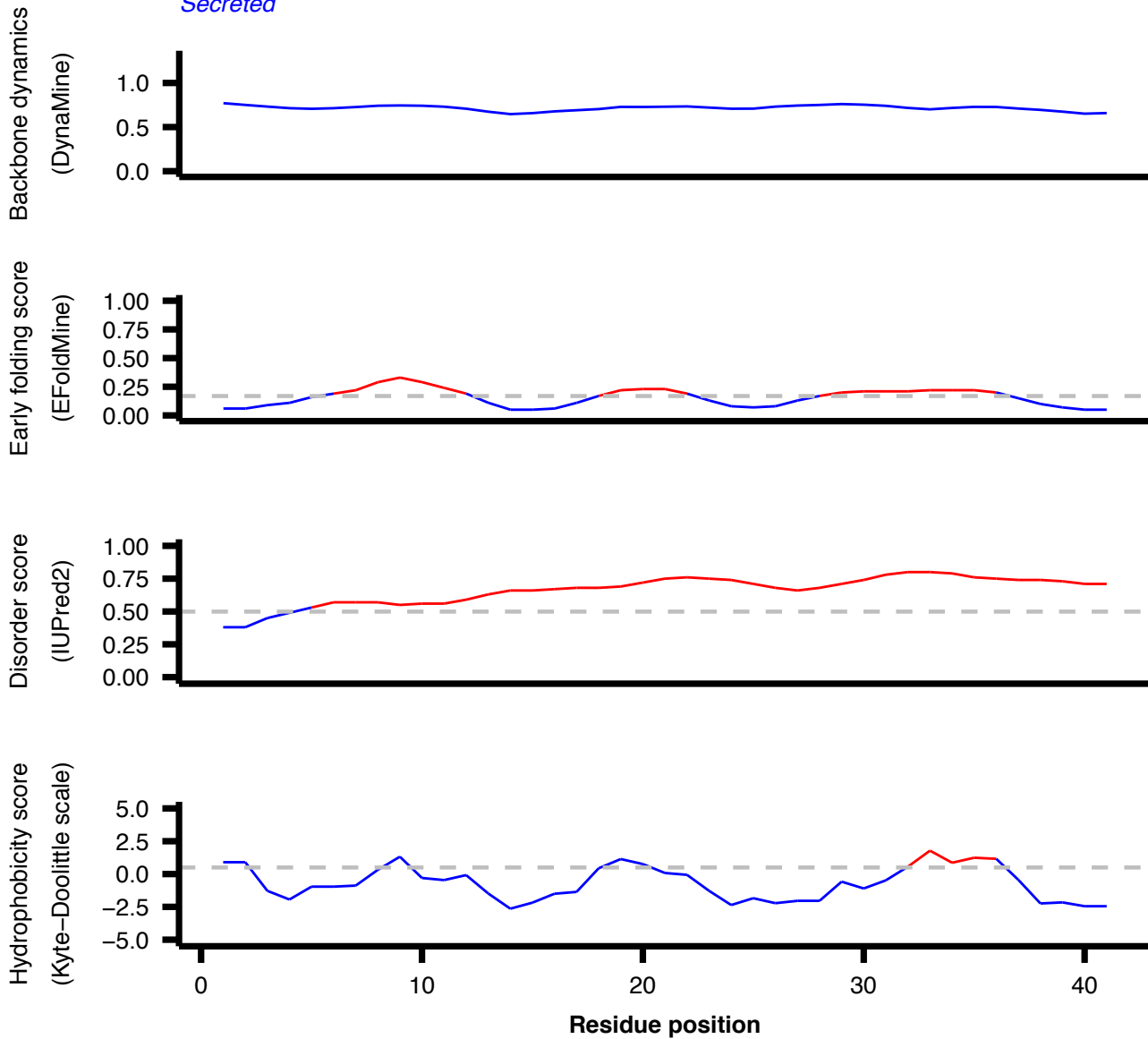
# P77285 (RSXG\_ECOLI)

*Secreted*



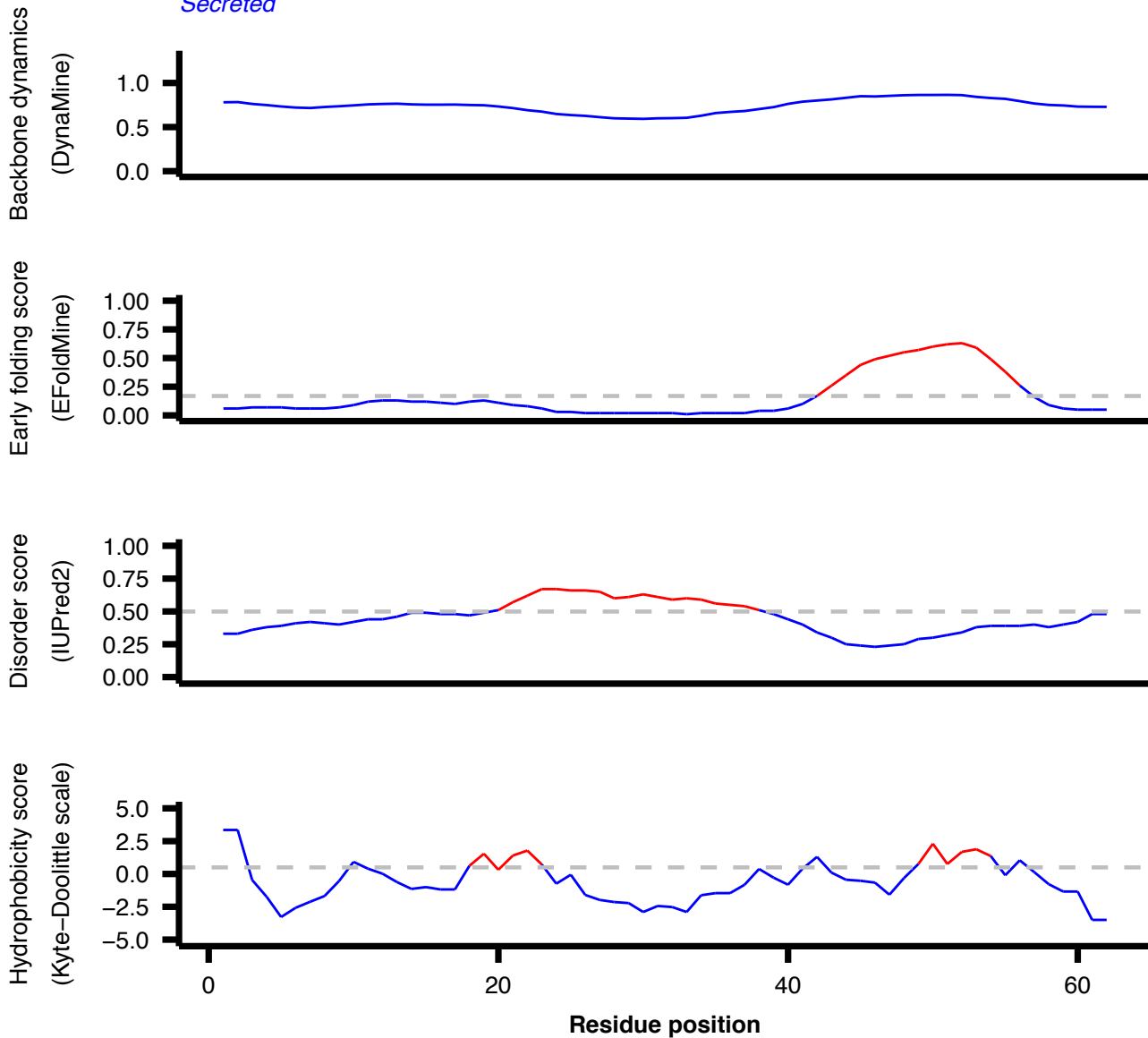
# P58041 (RZOD\_ECOLI)

*Secreted*



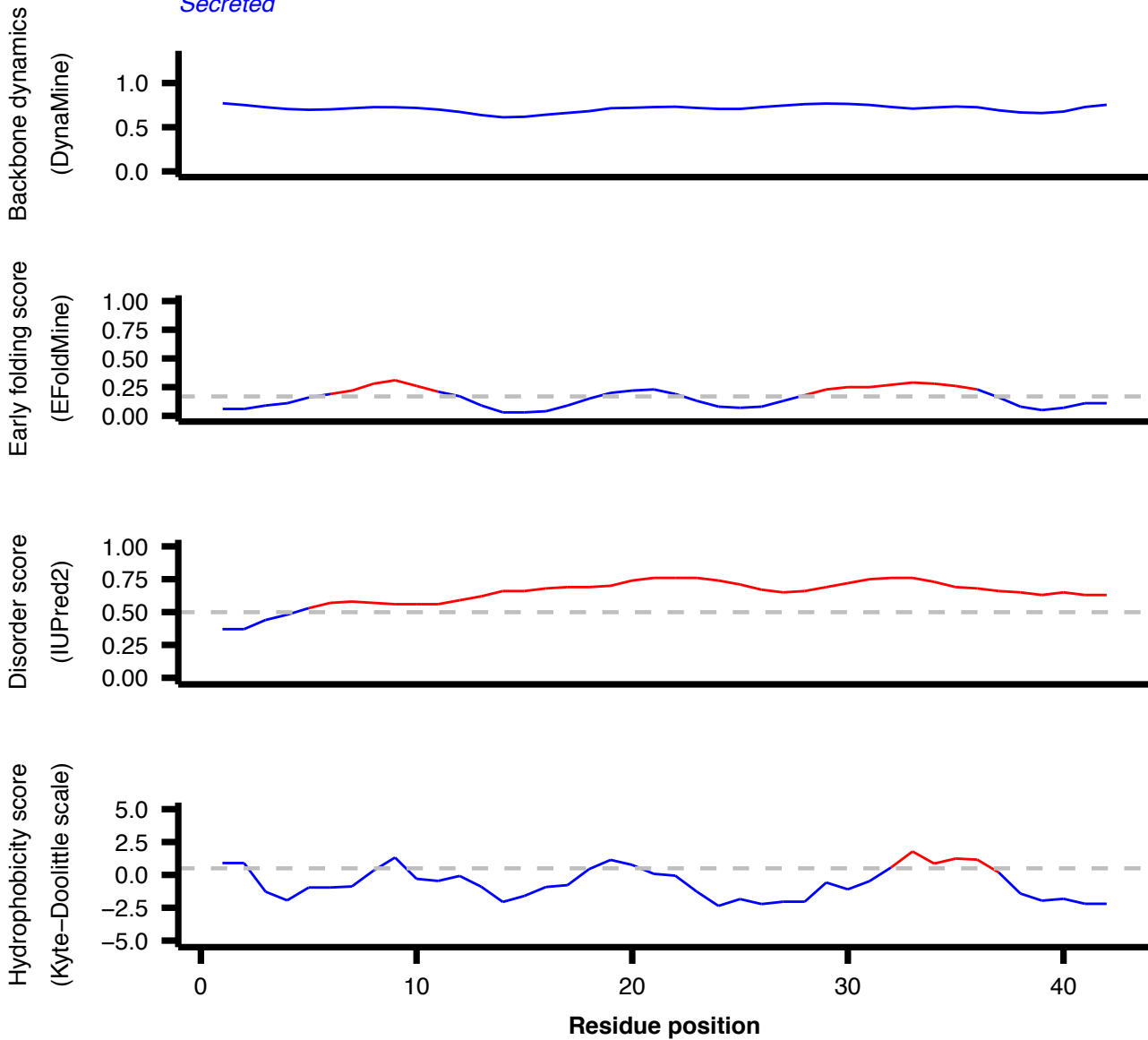
# C1P601 (RZOQ\_ECOLI)

*Secreted*



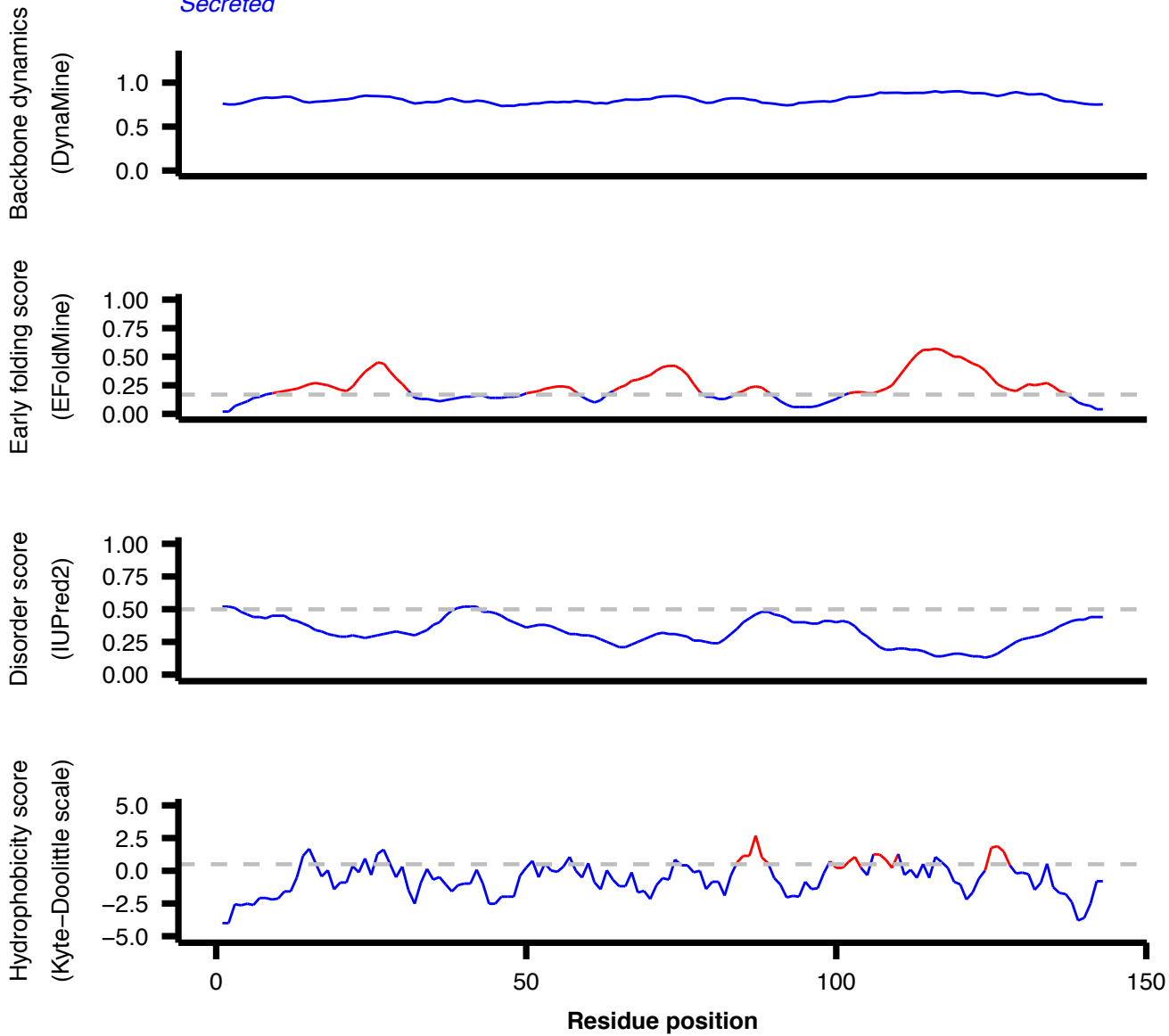
# P58042 (RZOR\_ECOLI)

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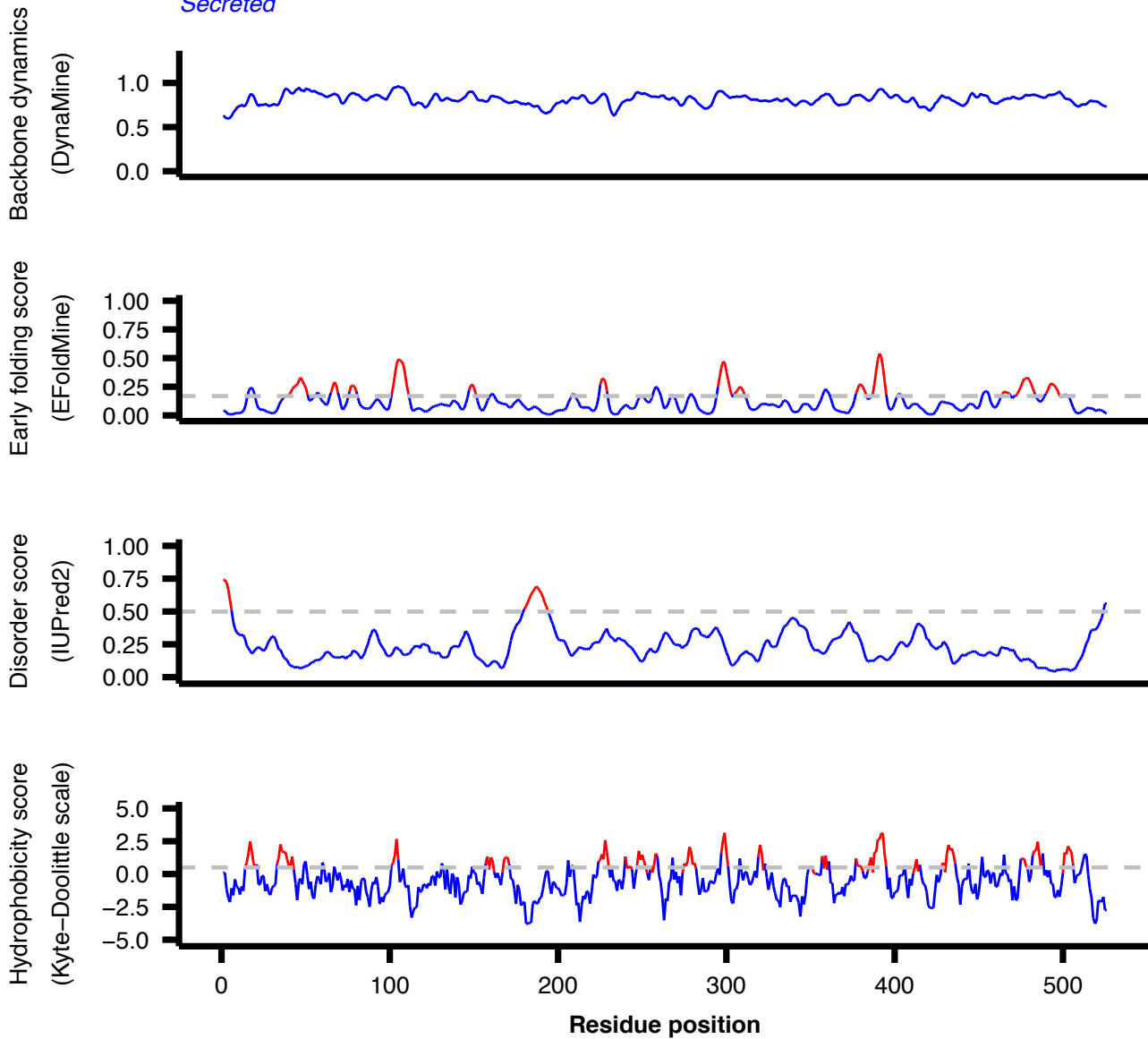
# P76158 (RZPQ\_ECOLI)

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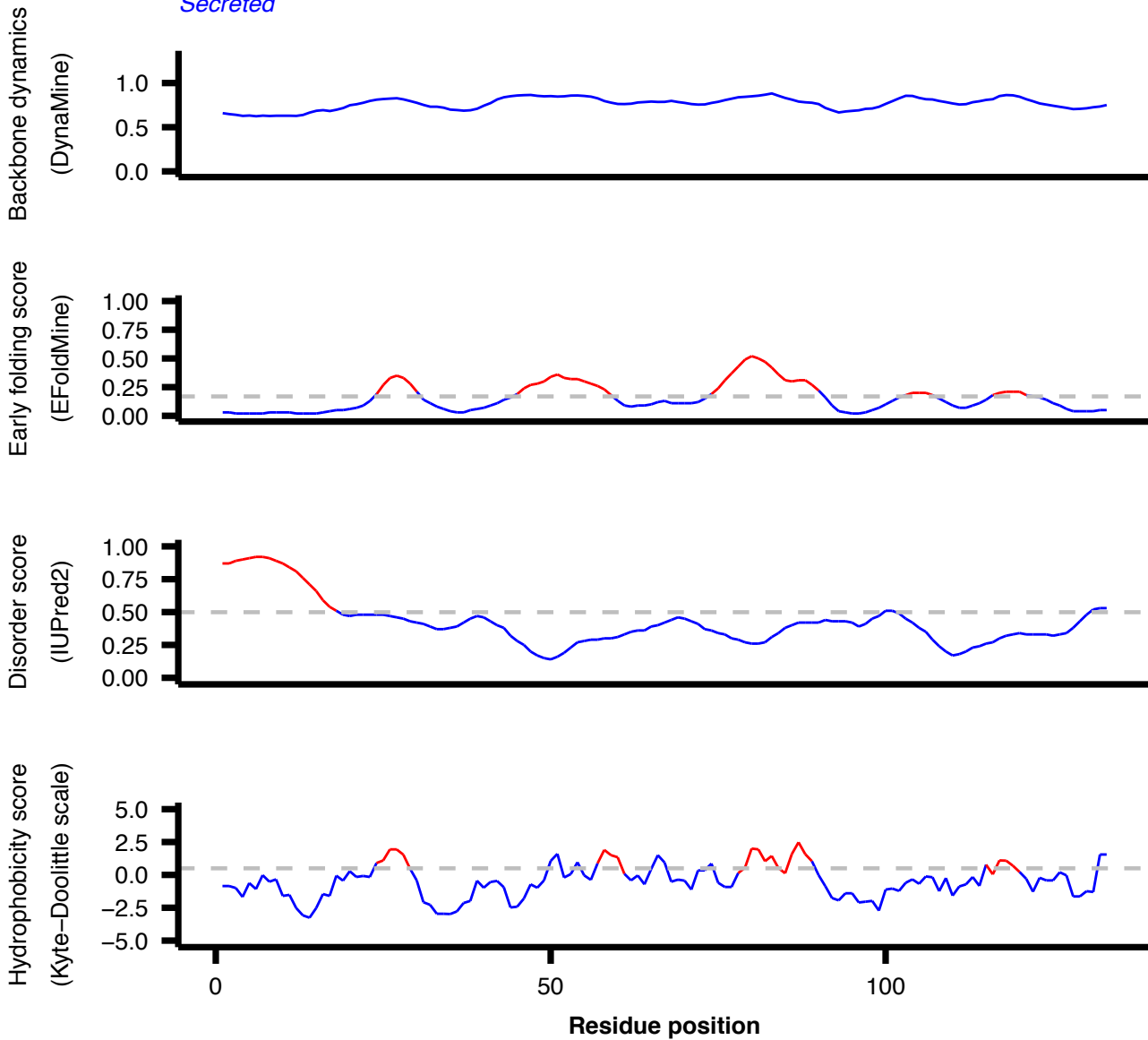
# Q47622 (SAPA\_ECOLI)

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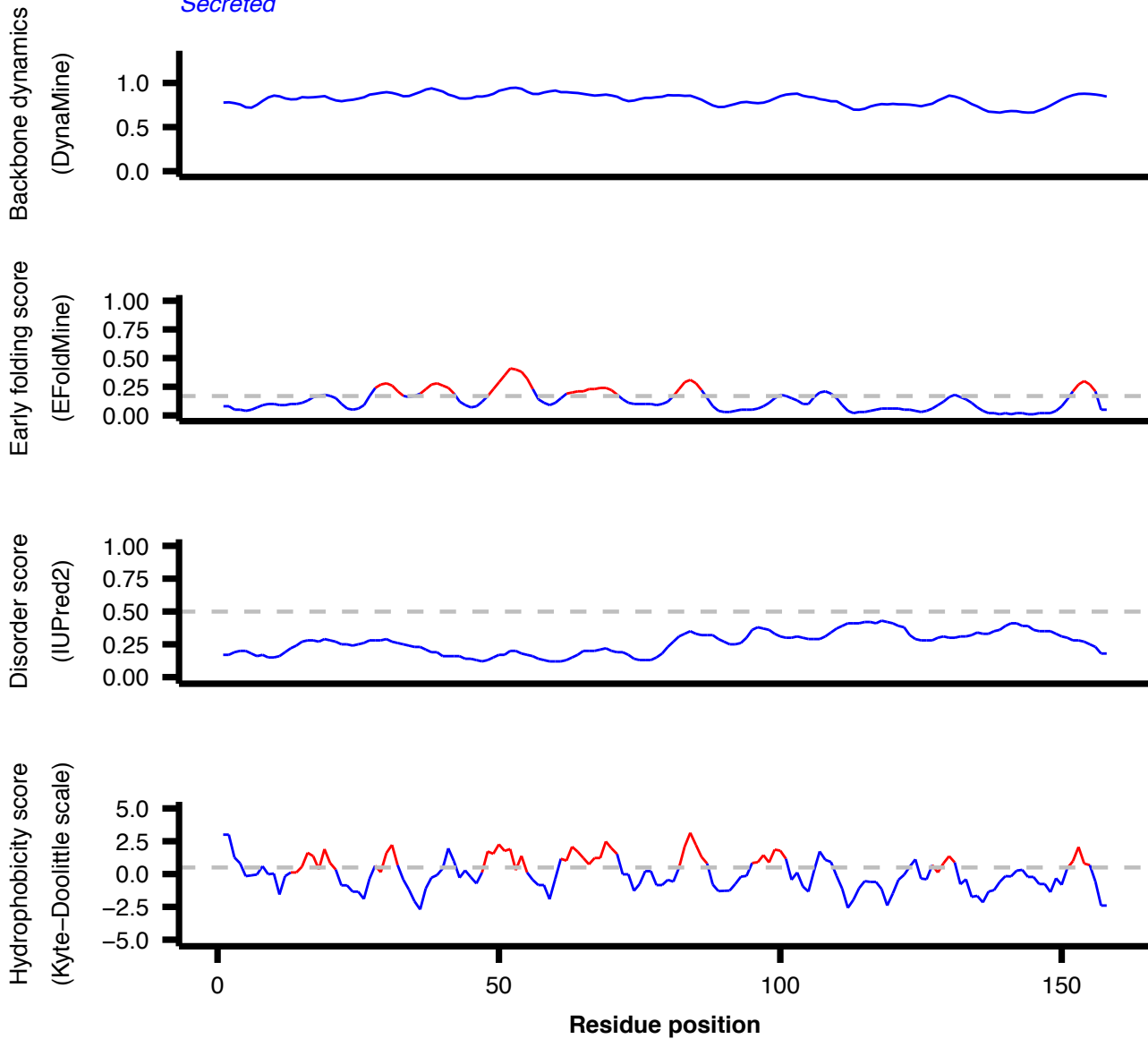
# P62395 (SECM\_ECOLI)

*Secreted*



# P0ABW5 (SFMA\_ECOLI)

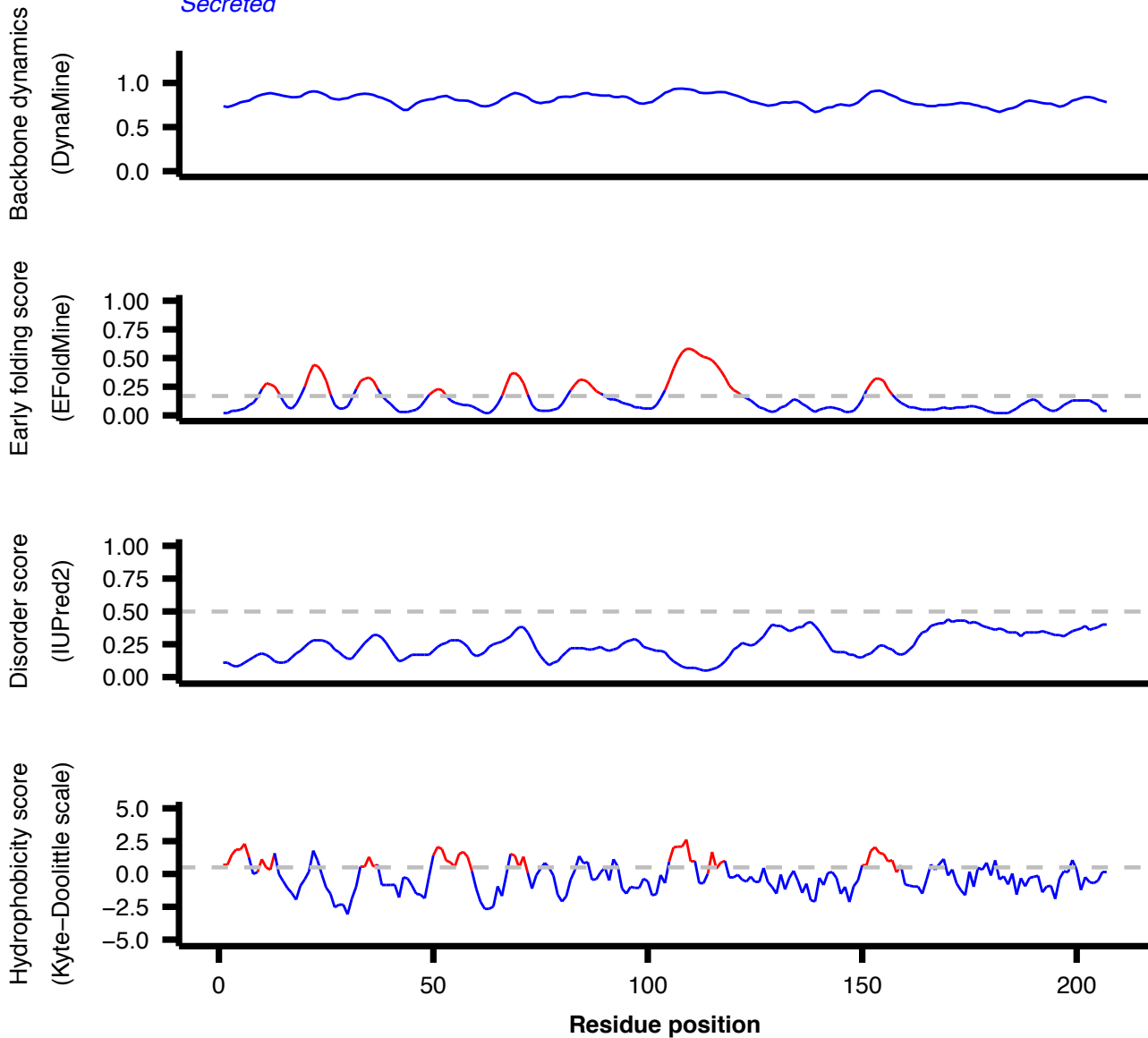
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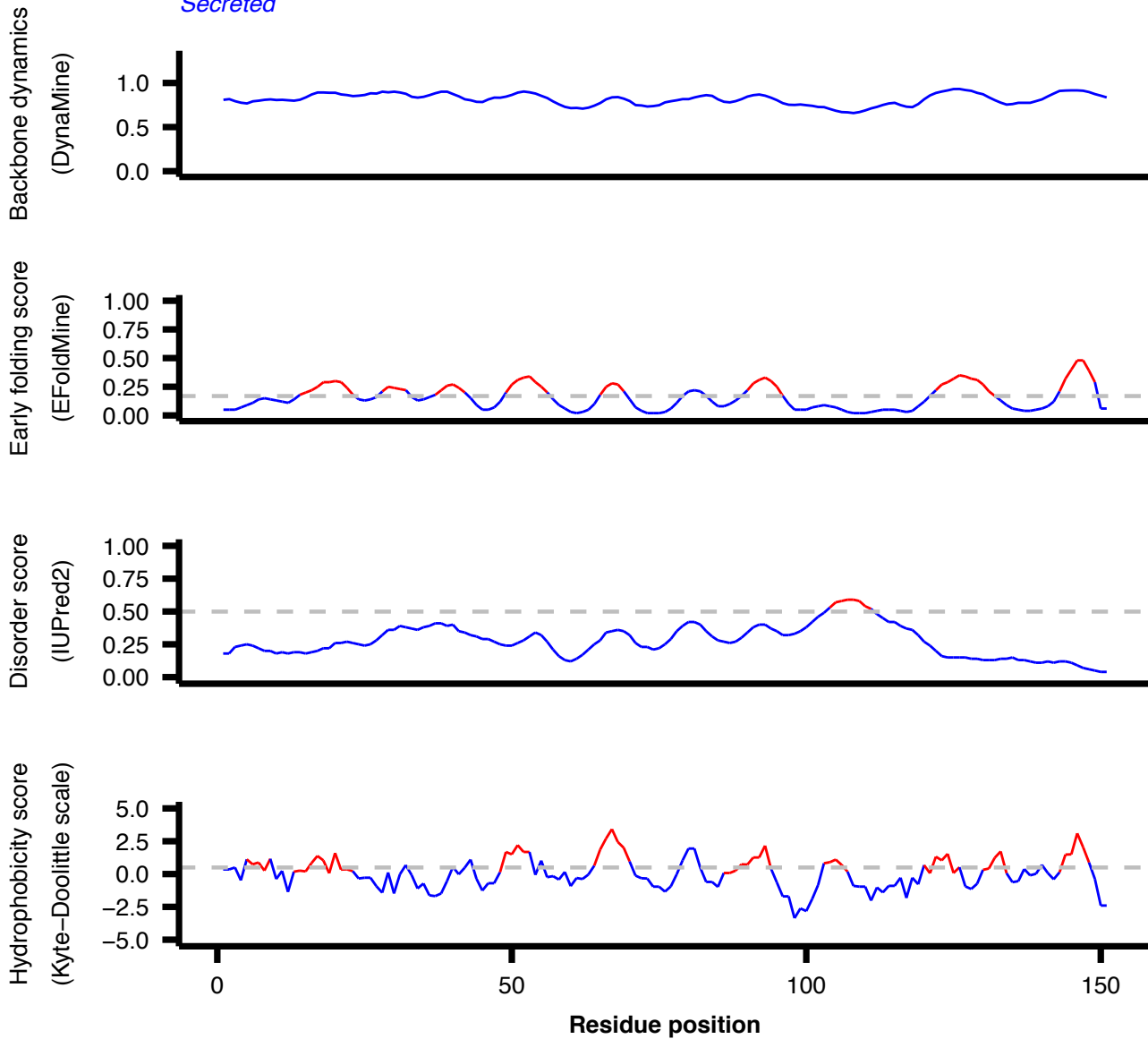
# P77249 (SFMC\_ECOLI)

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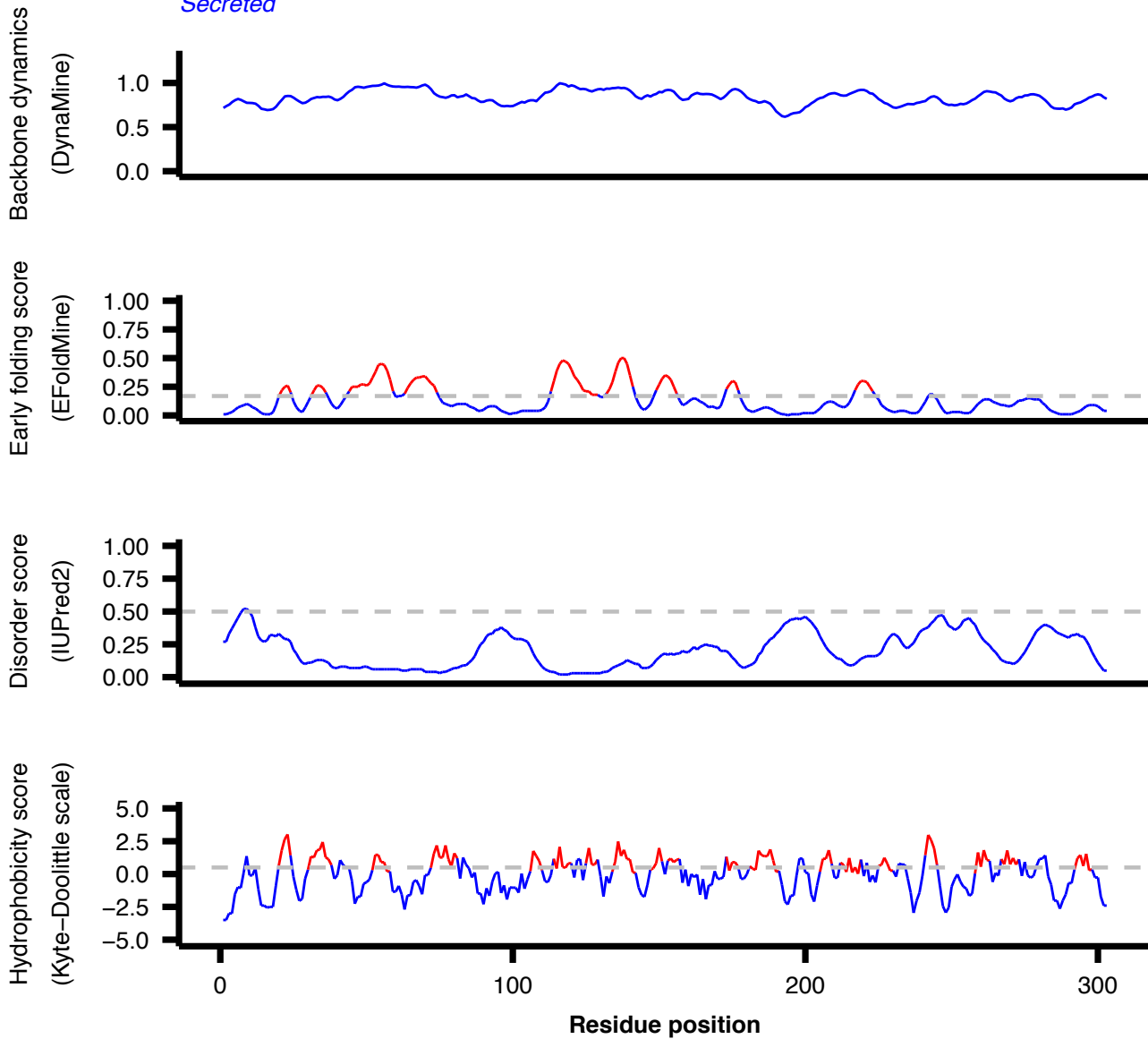
# P38052 (SFMF\_ECOLI)

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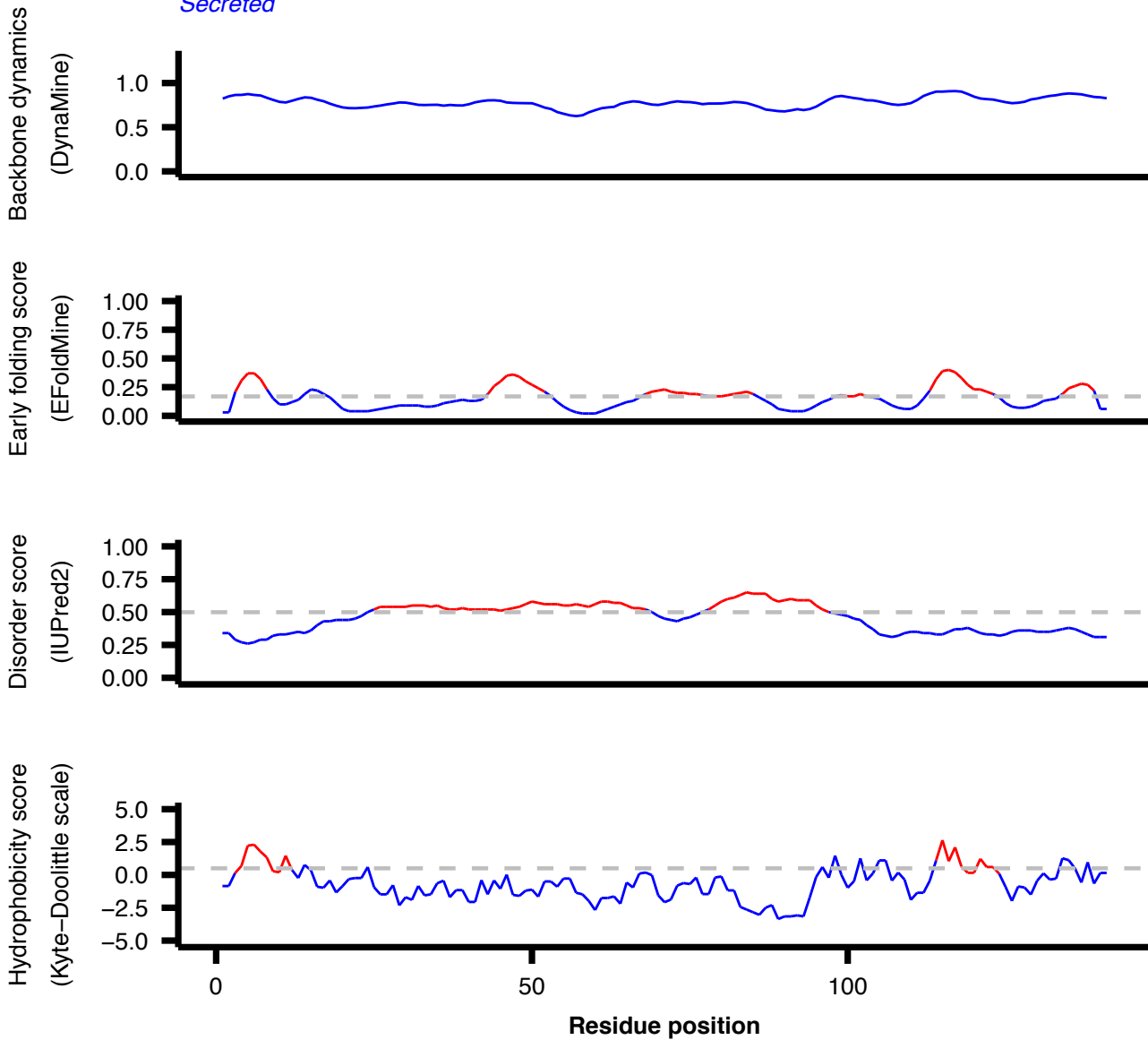
# P75715 (SFMH\_ECOLI)

*Secreted*



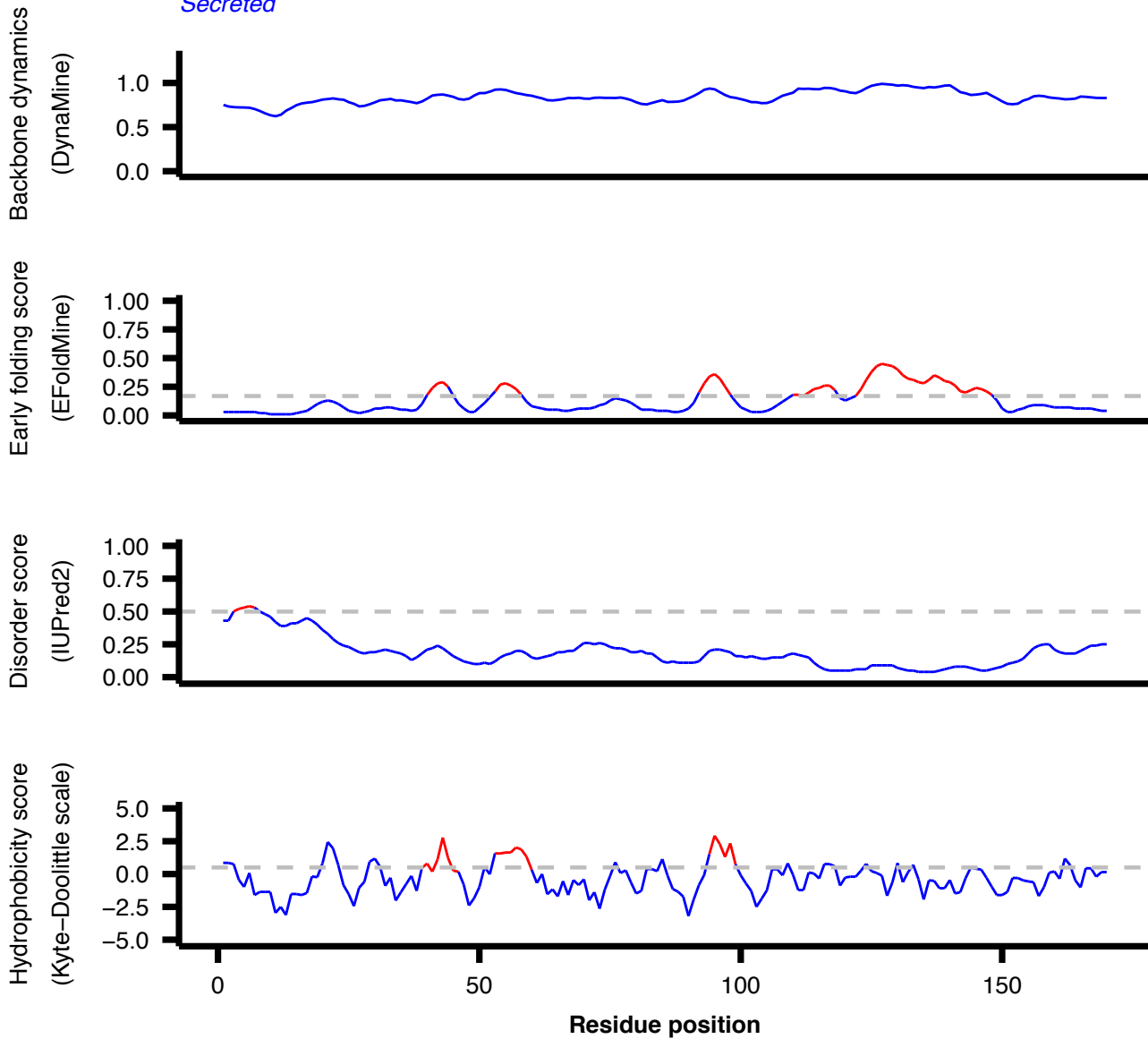
# P0AEU7 (SKP\_ECOLI)

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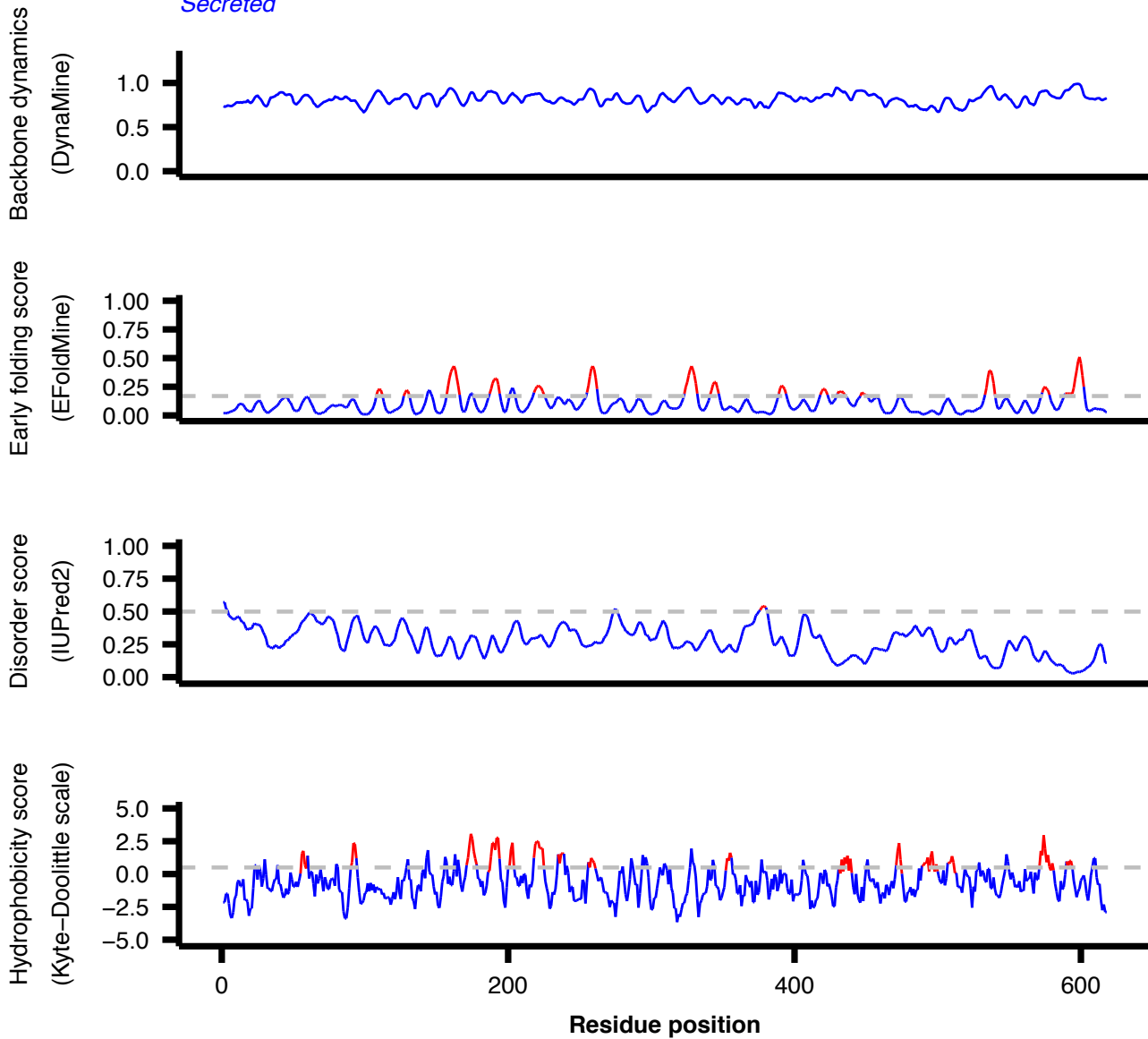
# P37194 (SLP\_ECOLI)

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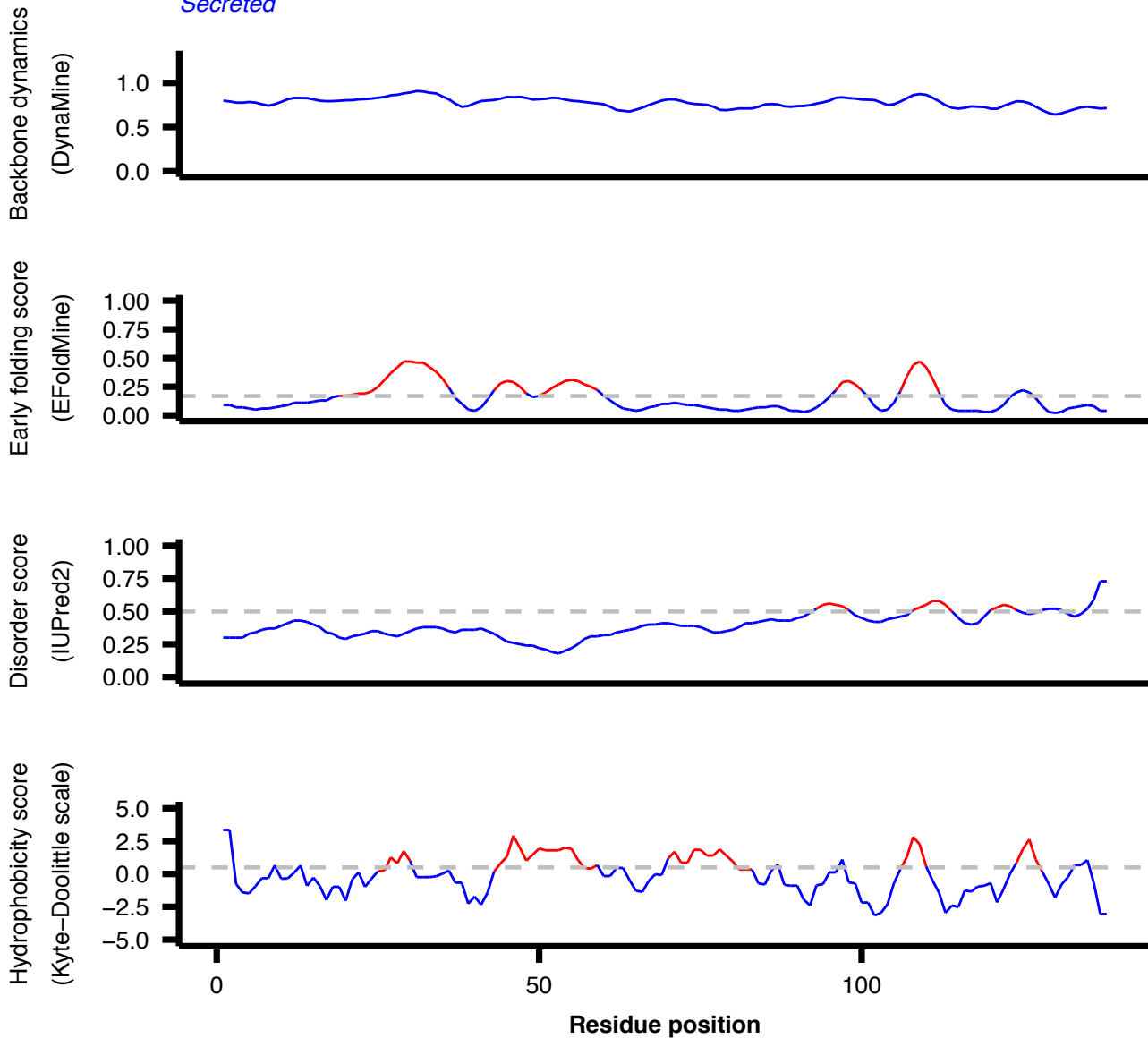
# P0AGC3 (SLT\_ECOLI)

*Secreted*



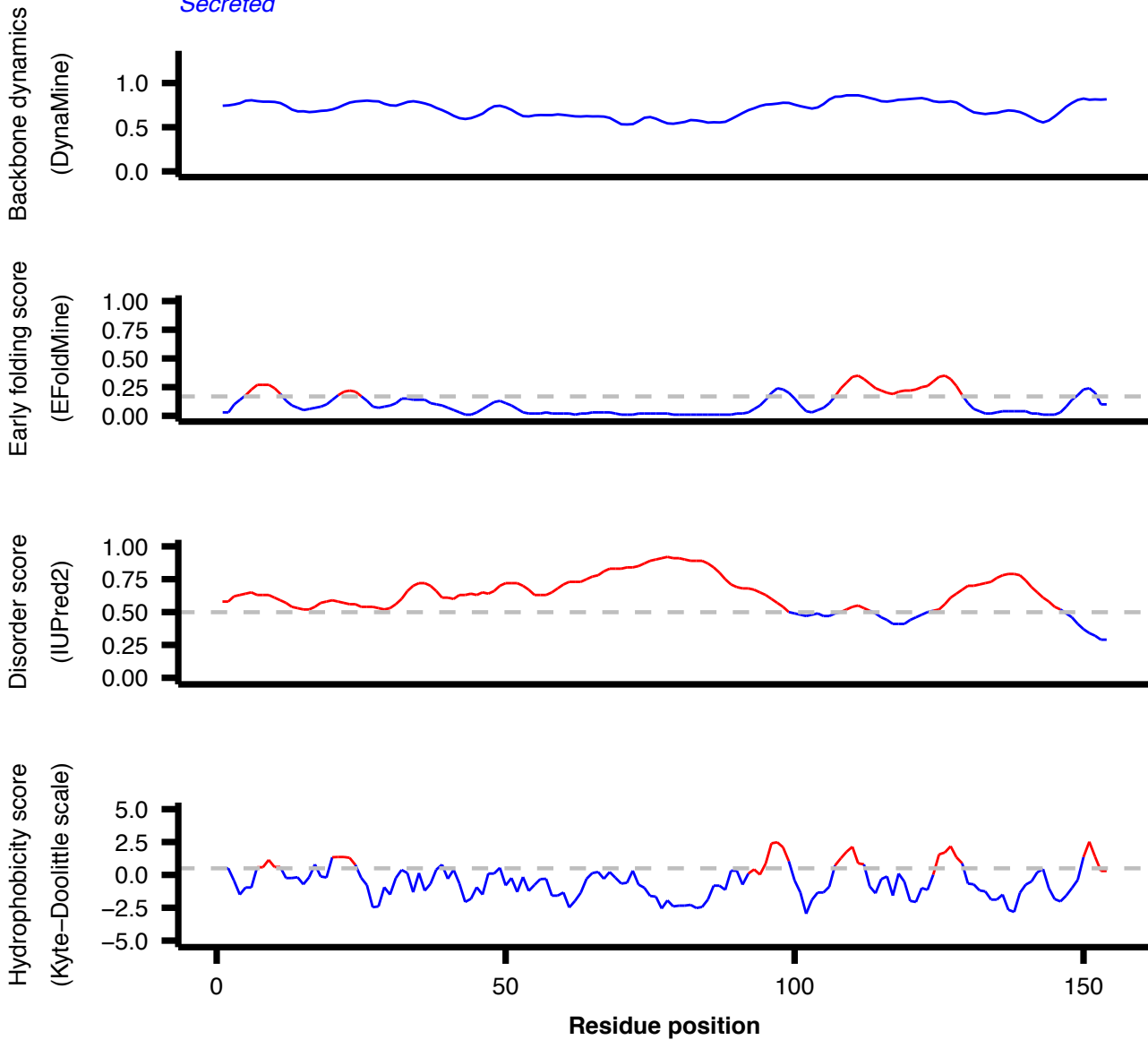
# P0A905 (SLYB\_ECOLI)

*Secreted*



# P0AGD1 (SODC\_ECOLI)

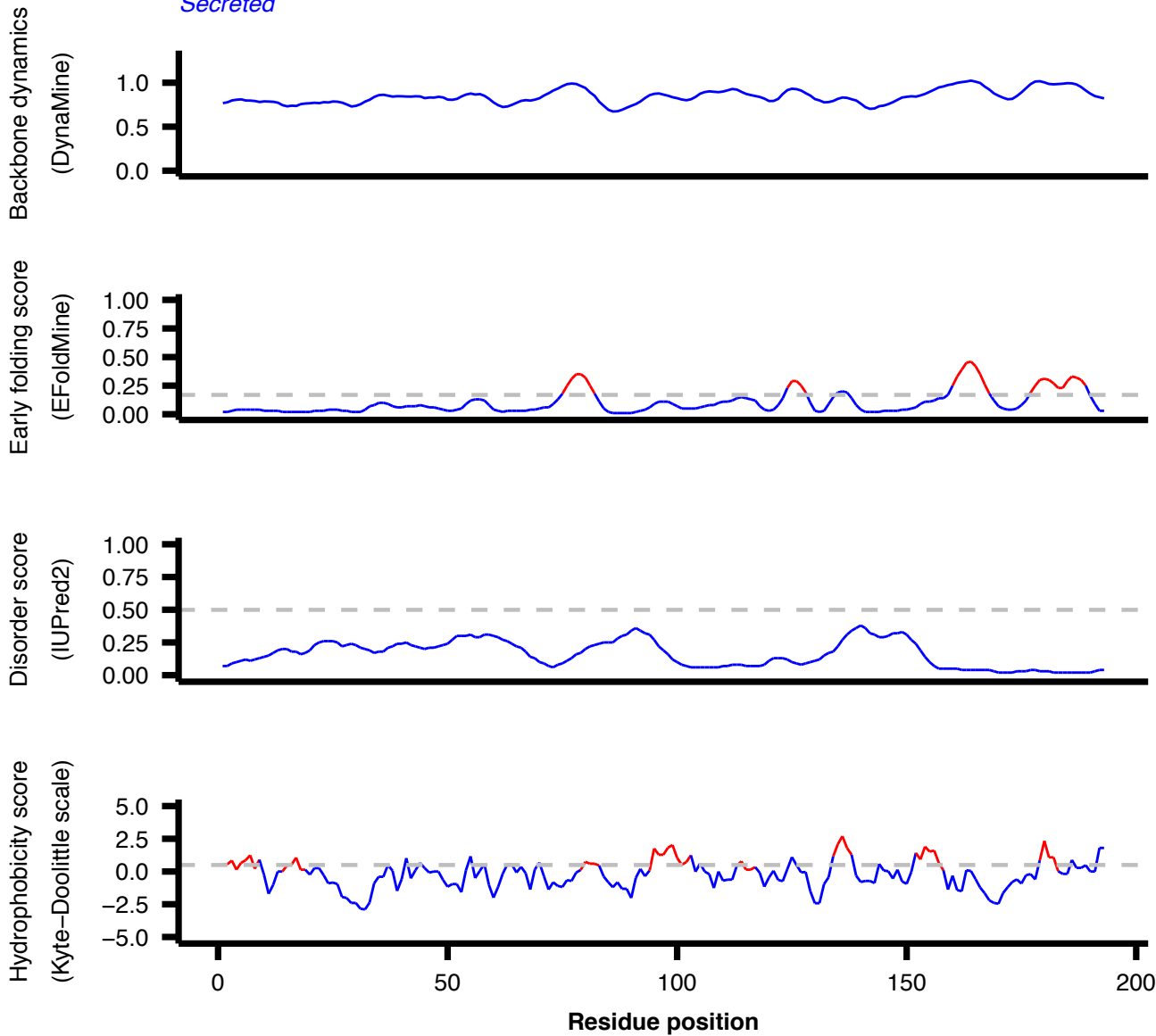
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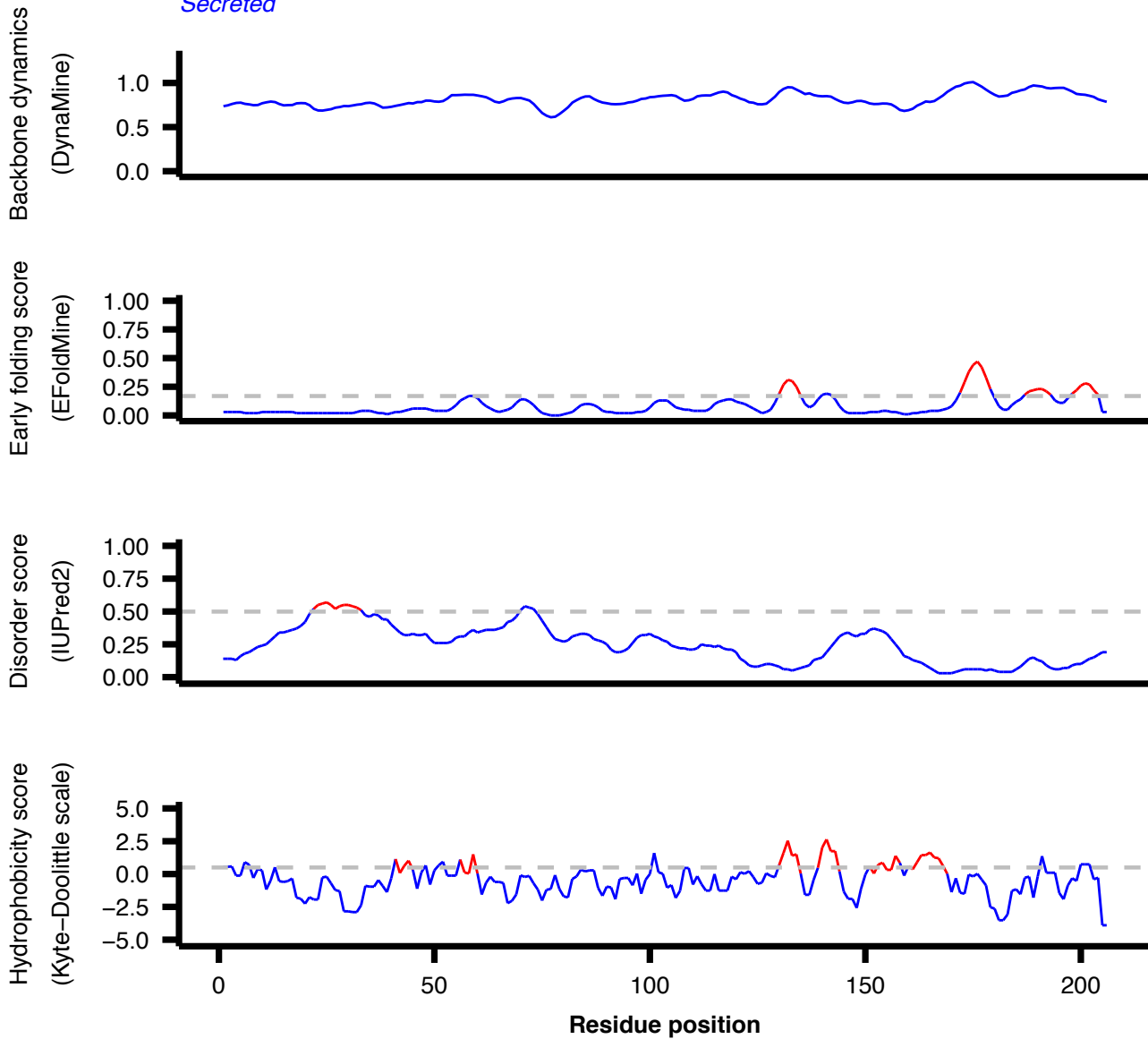
# P0AGD3 (SODF\_ECOLI)

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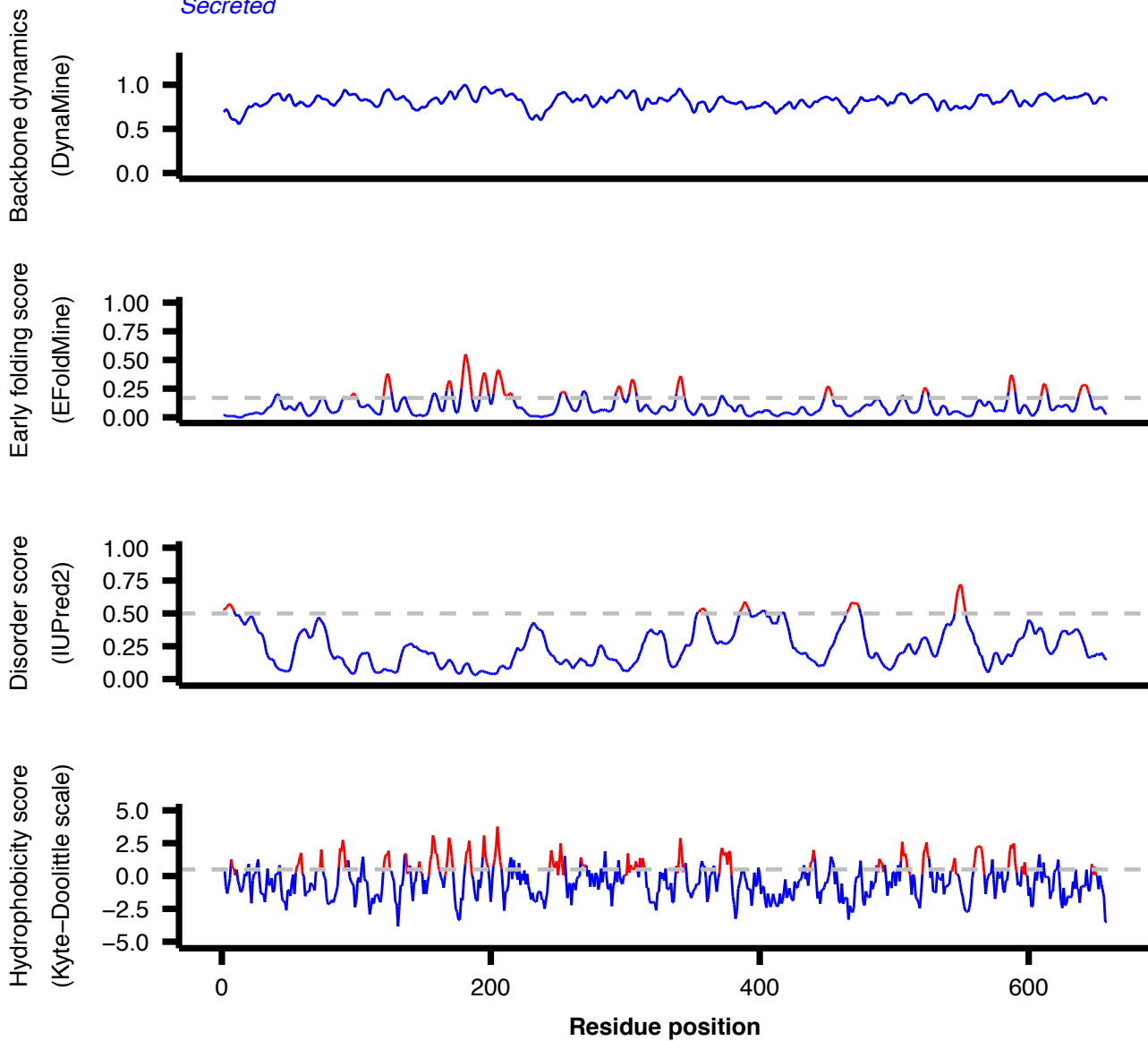
# P00448 (SODM\_ECOLI)

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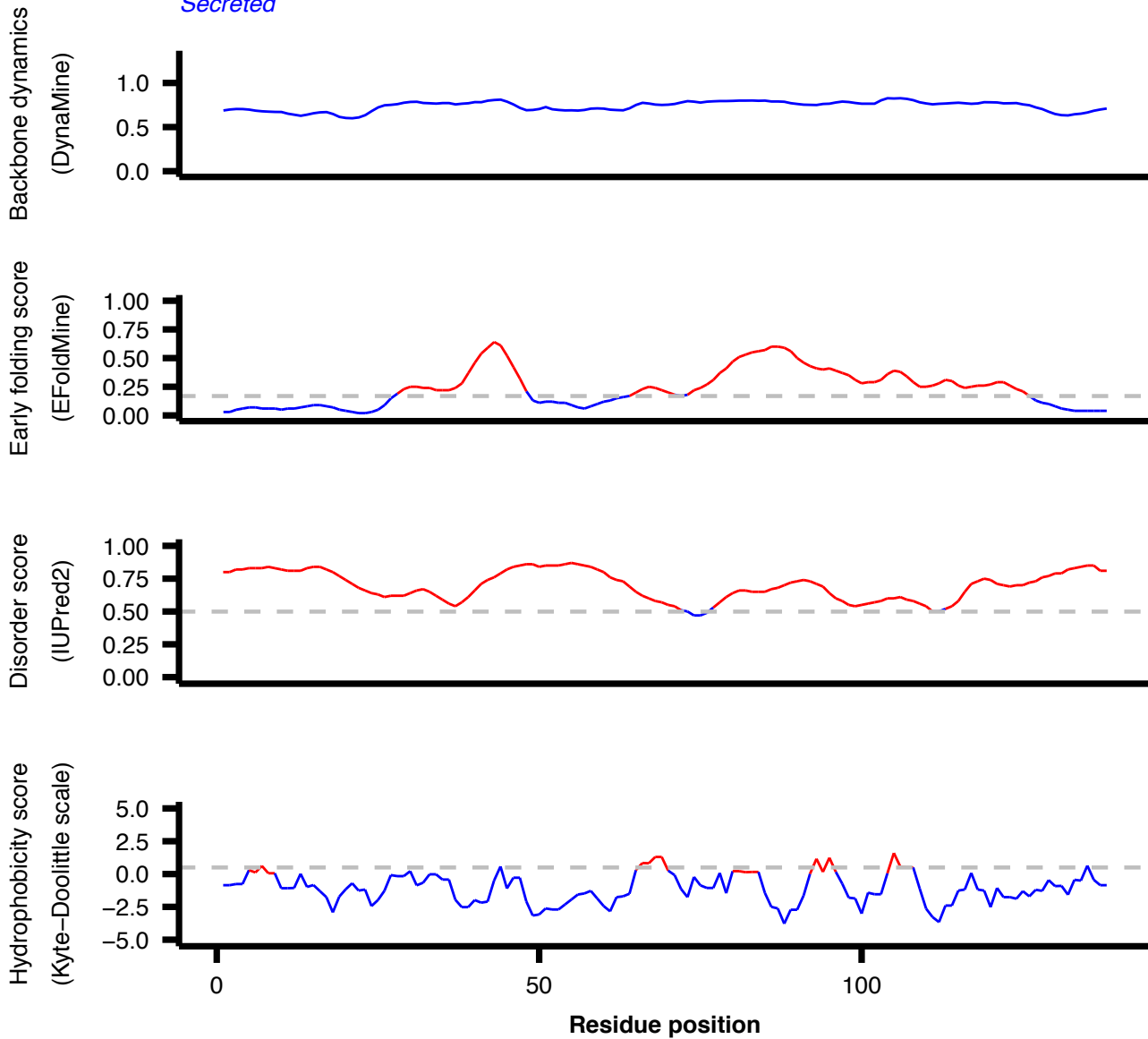
# P21170 (SPEA\_ECOLI)

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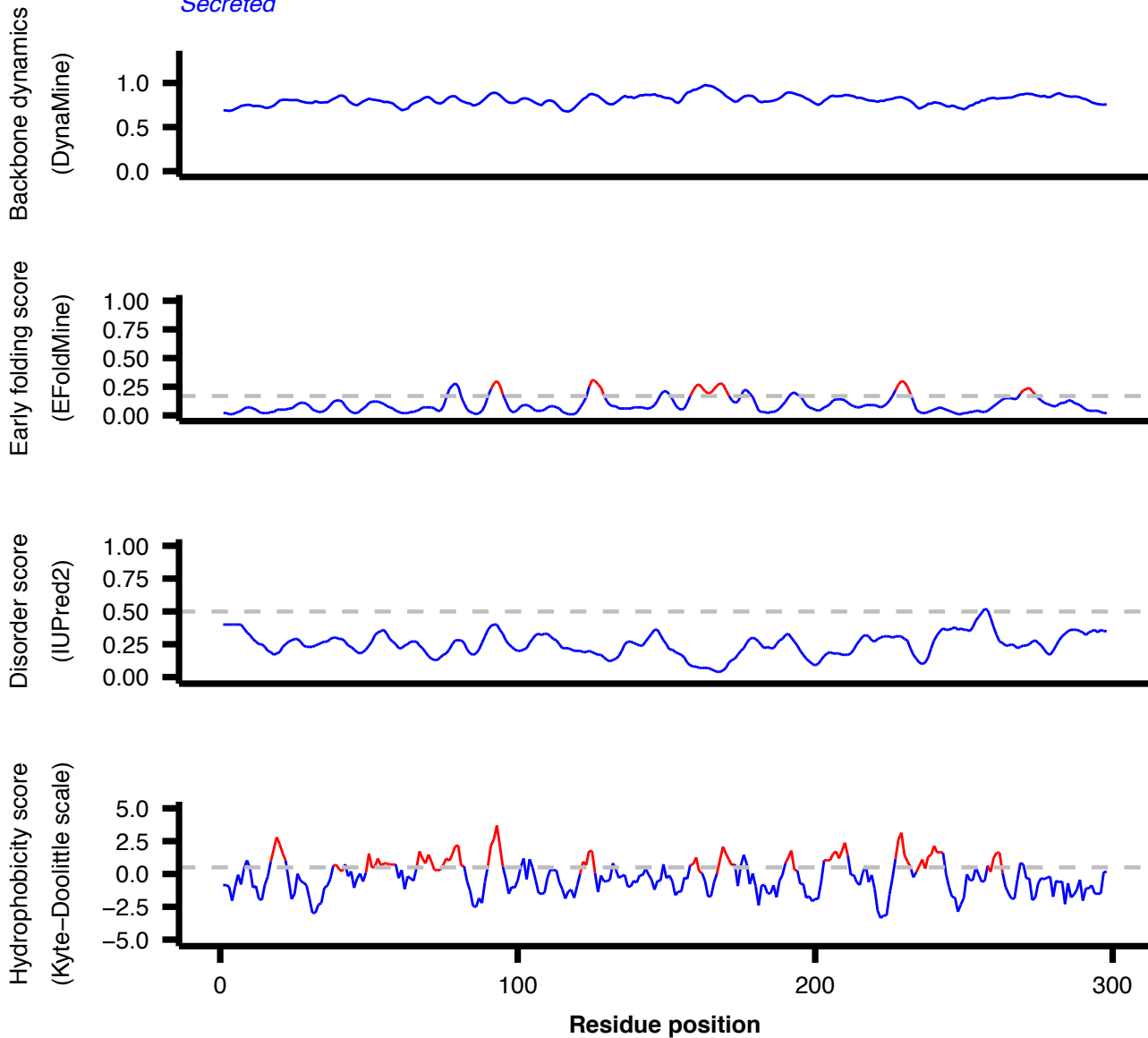
# P77754 (SPY\_ECOLI)

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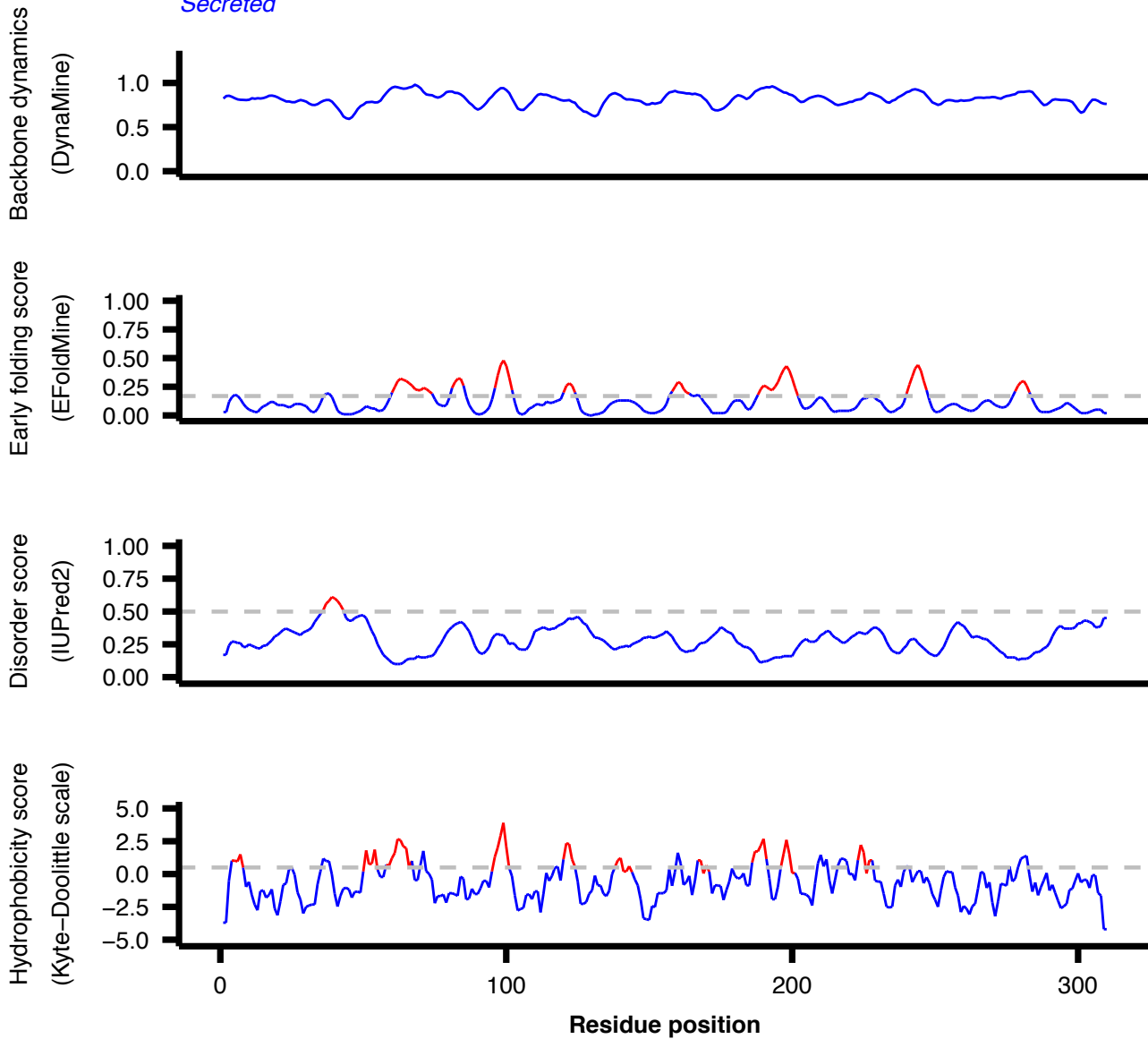
# P75853 (SSUA\_ECOLI)

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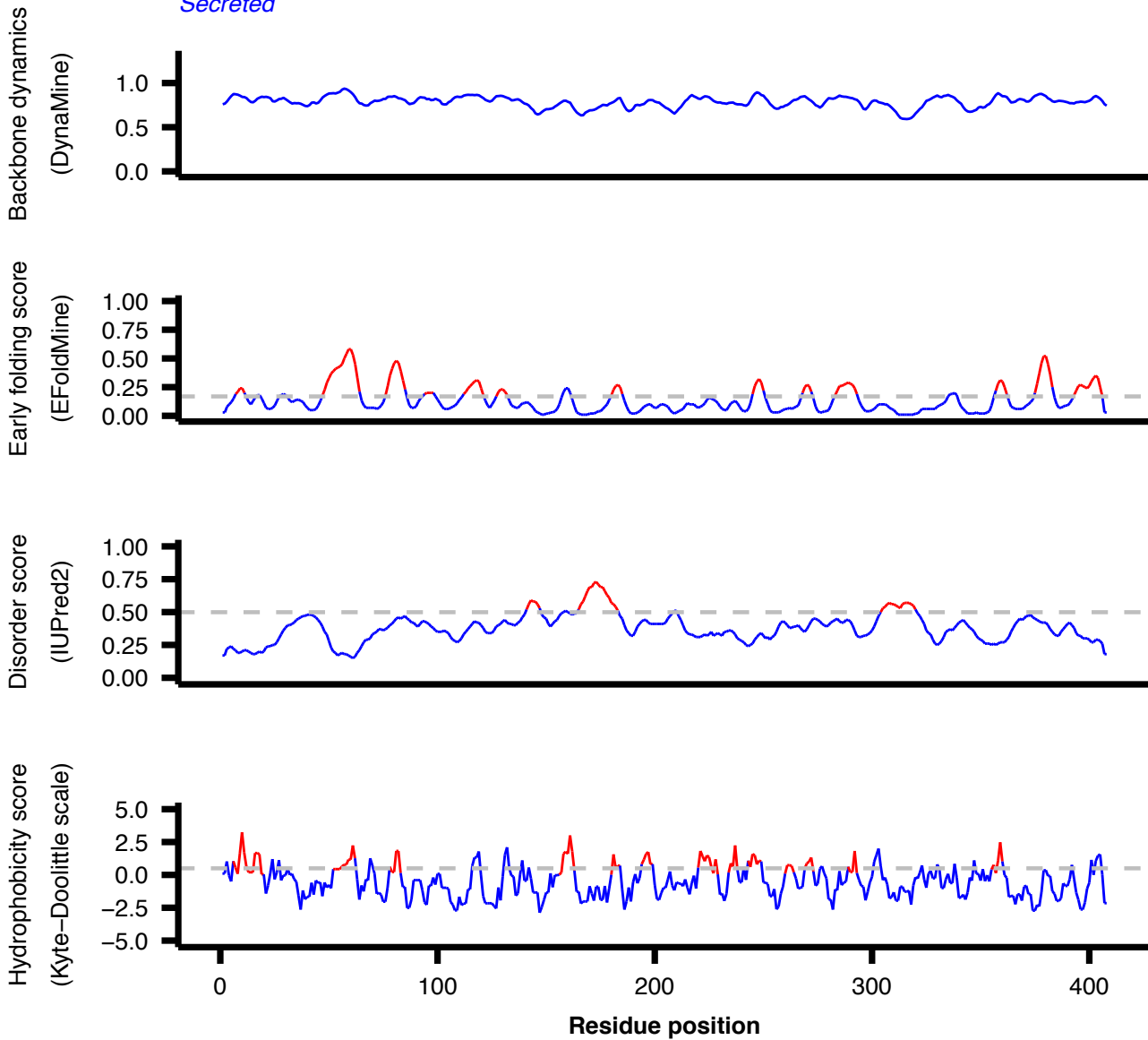
# P0AG78 (SUBI\_ECOLI)

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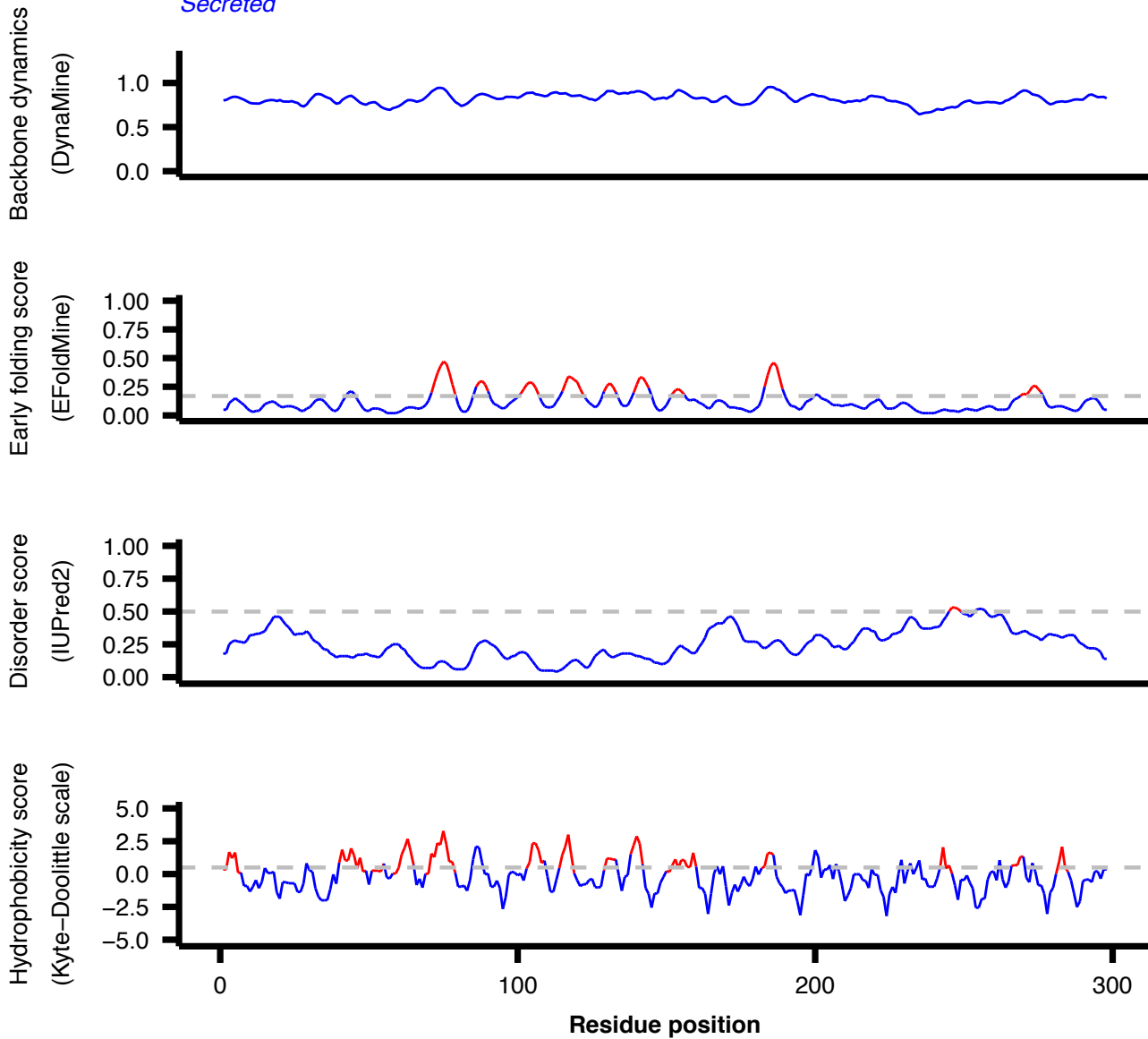
# P0ABZ6 (SURA\_ECOLI)

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# Q47537 (TAUA\_ECOLI)

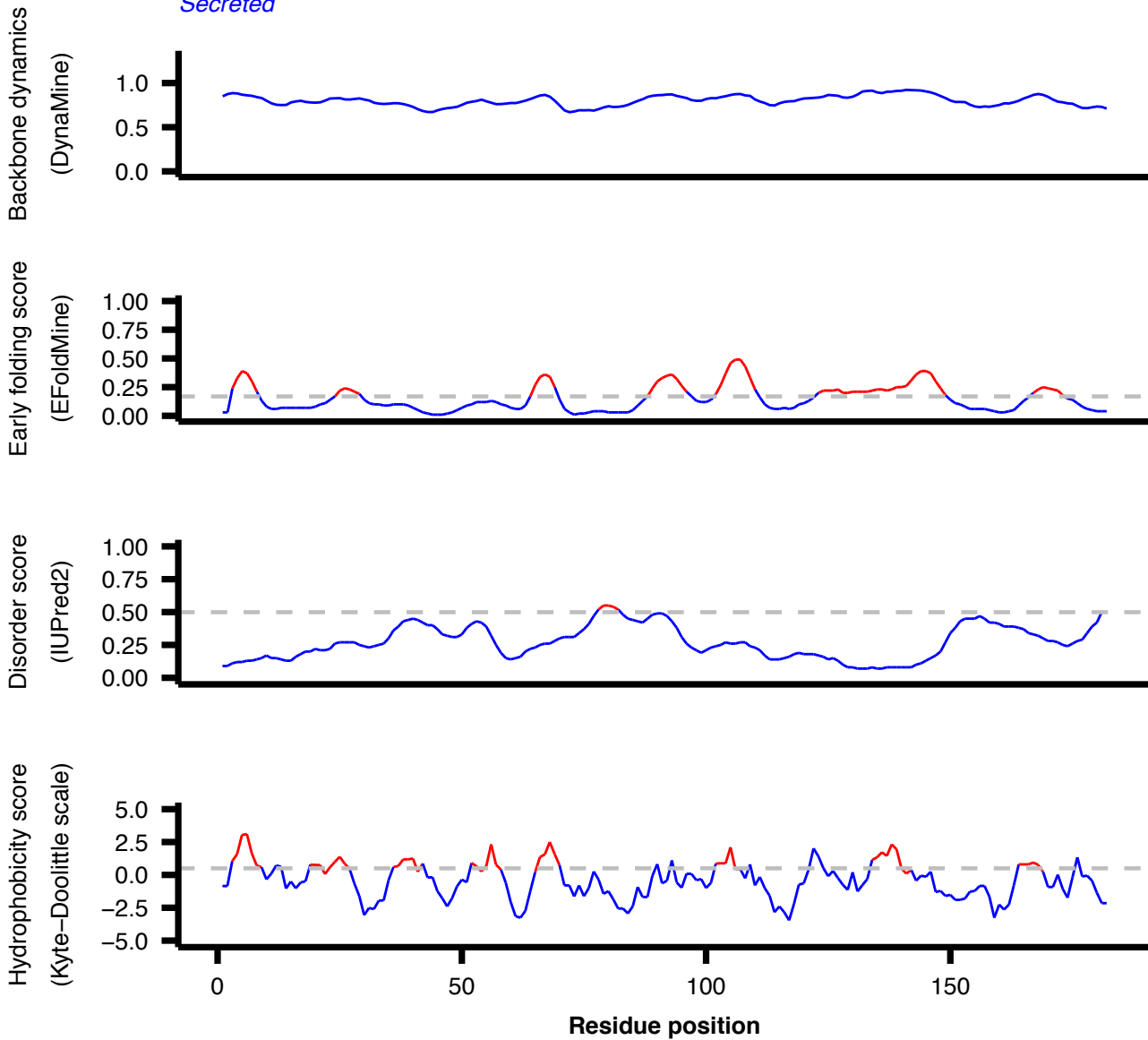
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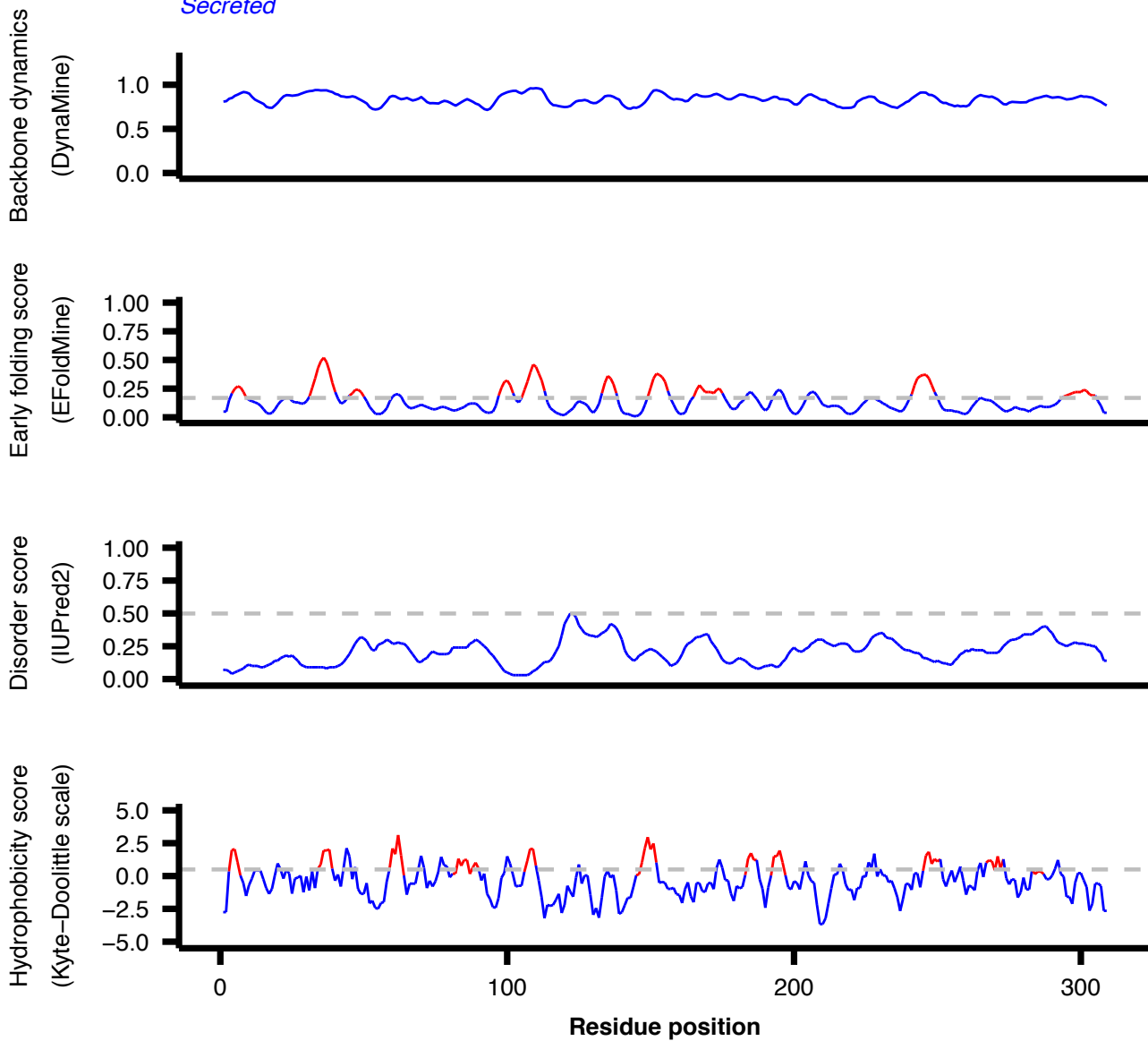
# P0ADA1 (TESA\_ECOLI)

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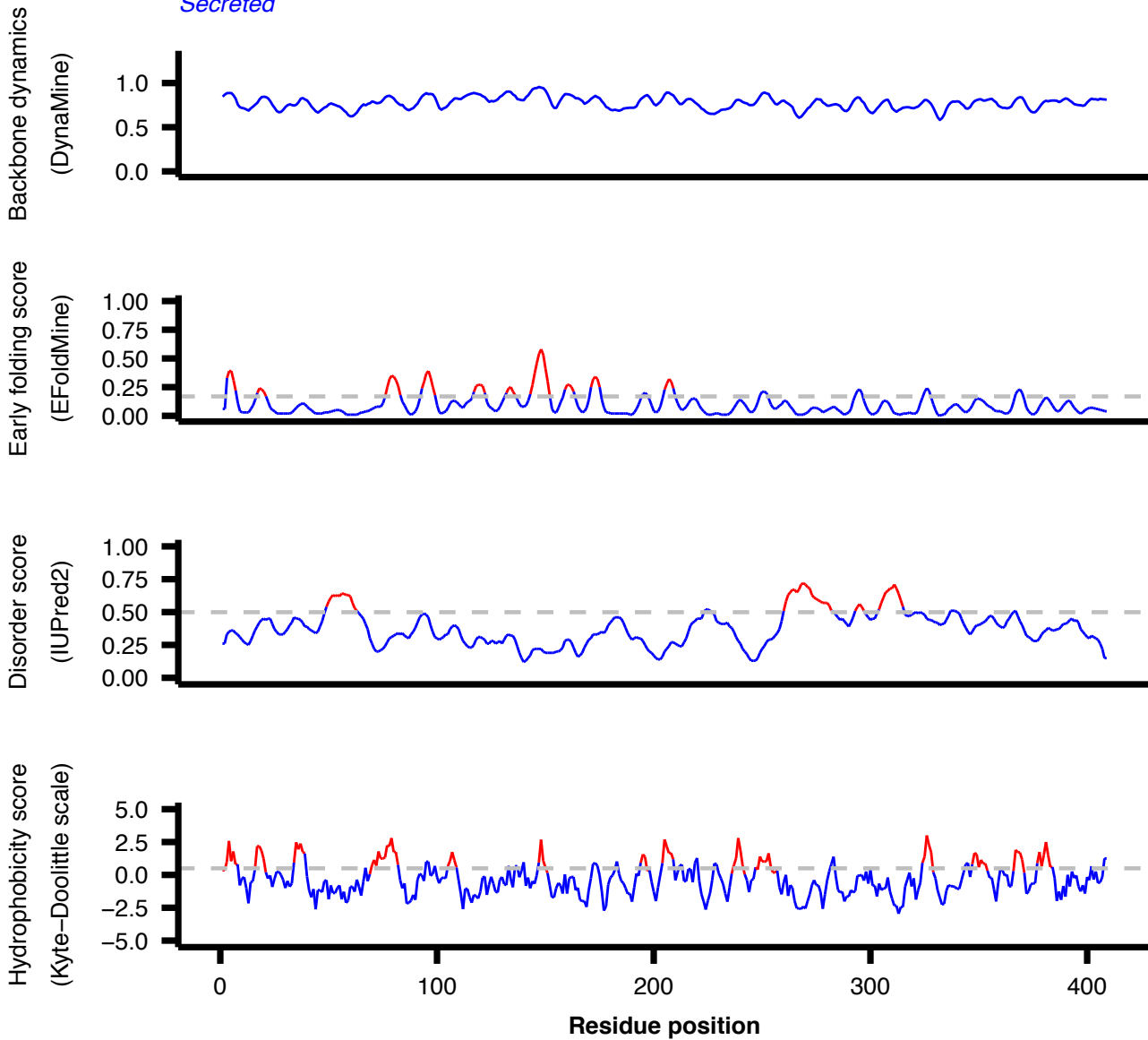
# P31550 (THIB\_ECOLI)

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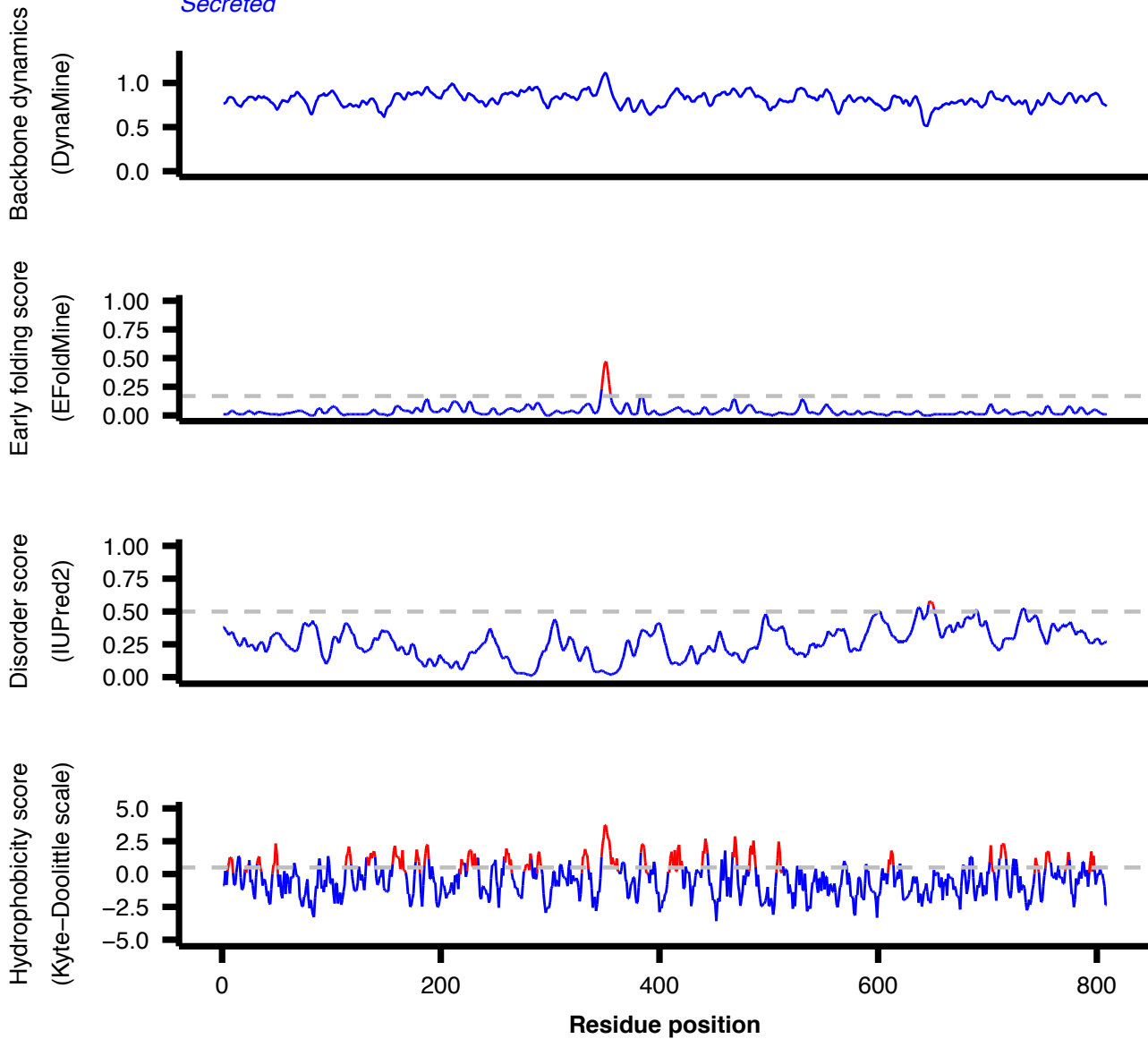
# P0A855 (TOLB\_ECOLI)

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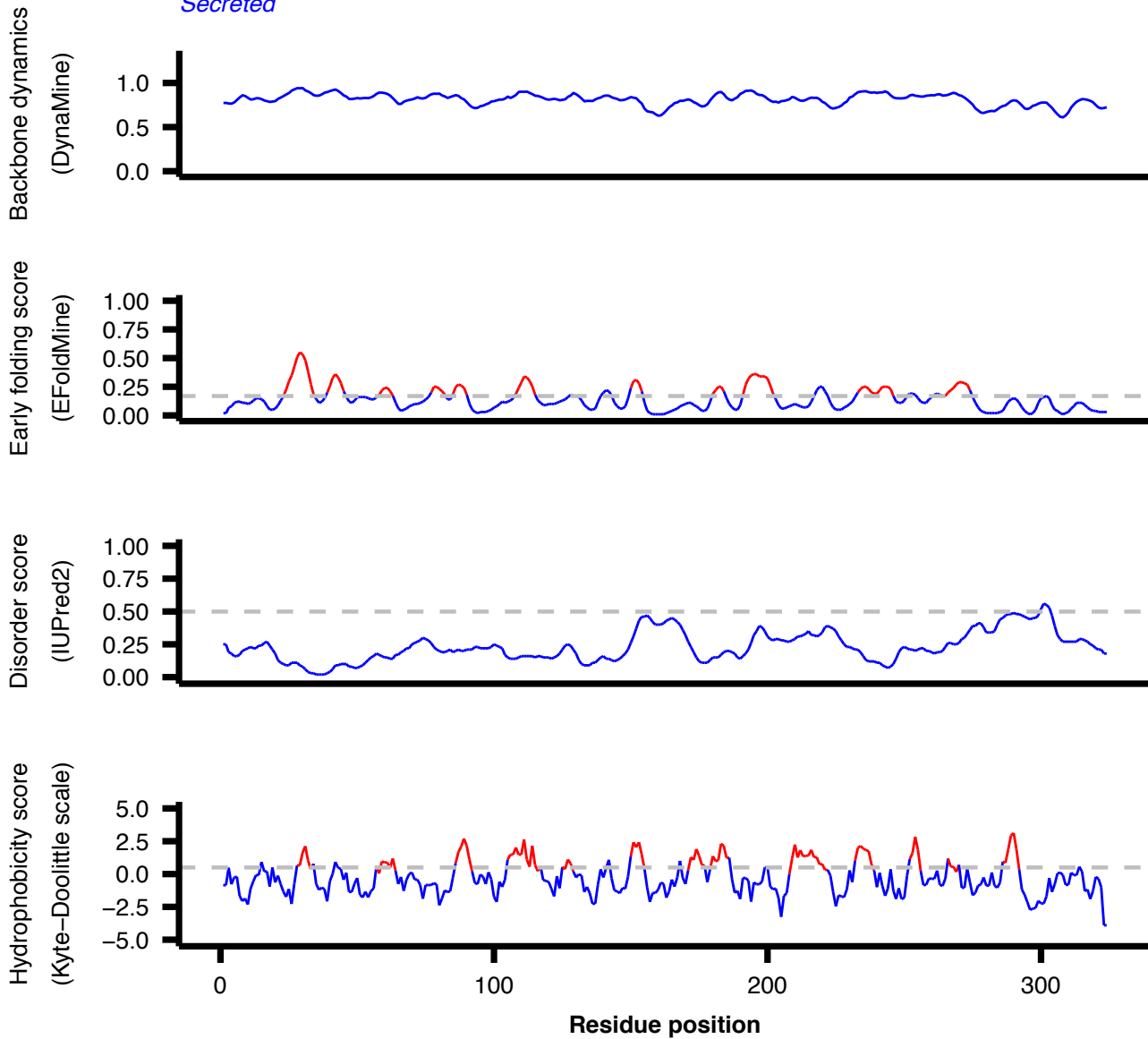
# P33225 (TORA\_ECOLI)

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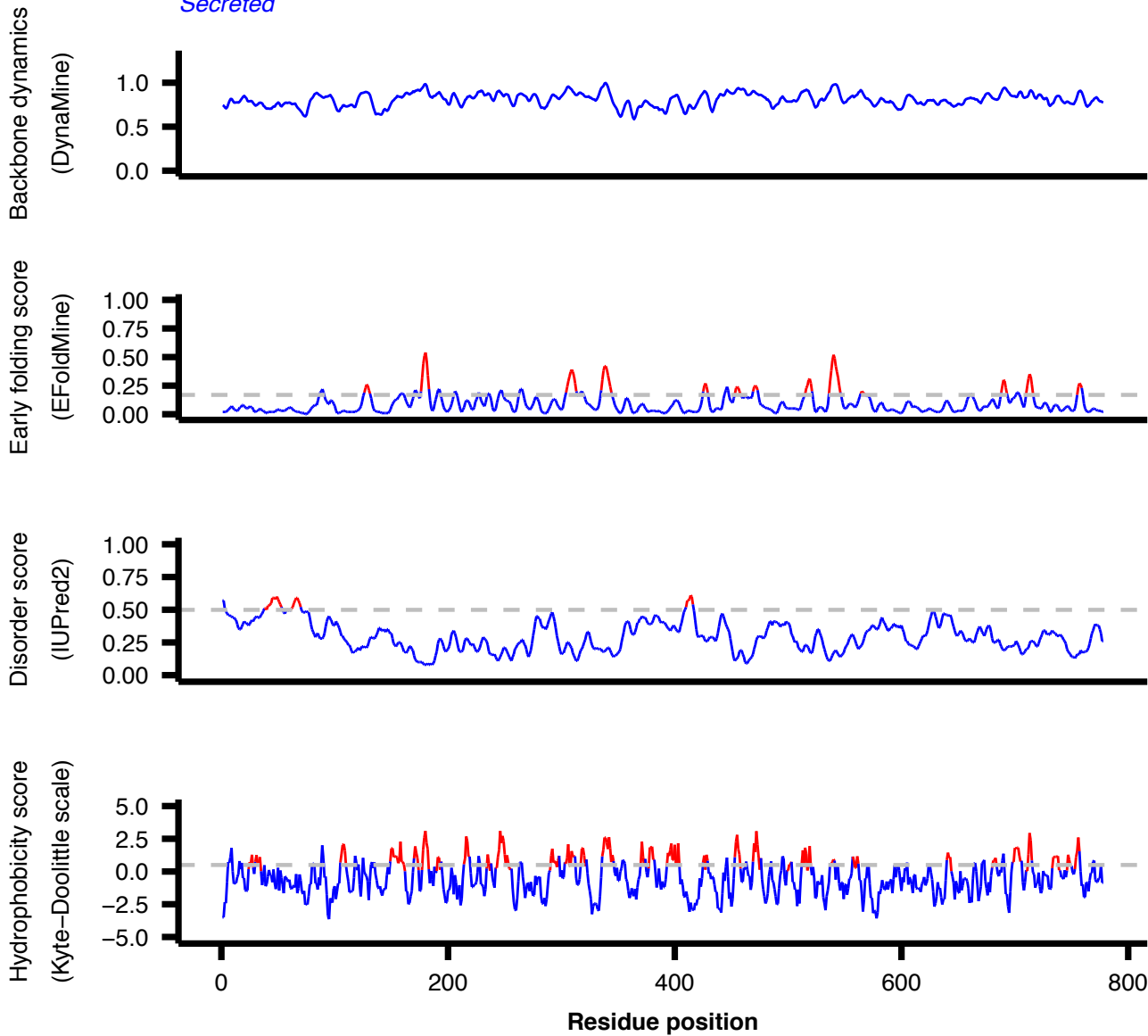
# P38683 (TORT\_ECOLI)

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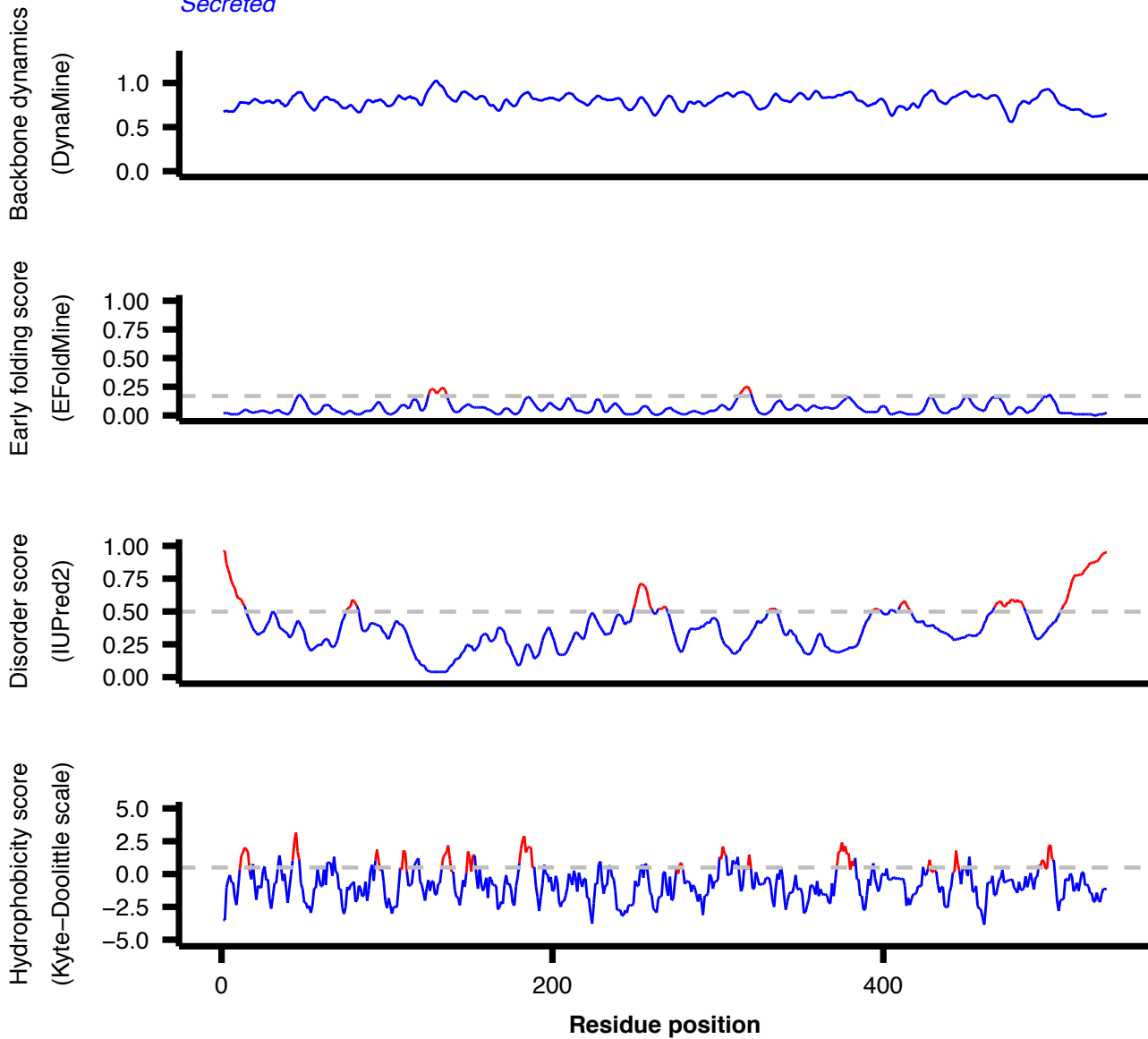
# P46923 (TORZ\_ECOLI)

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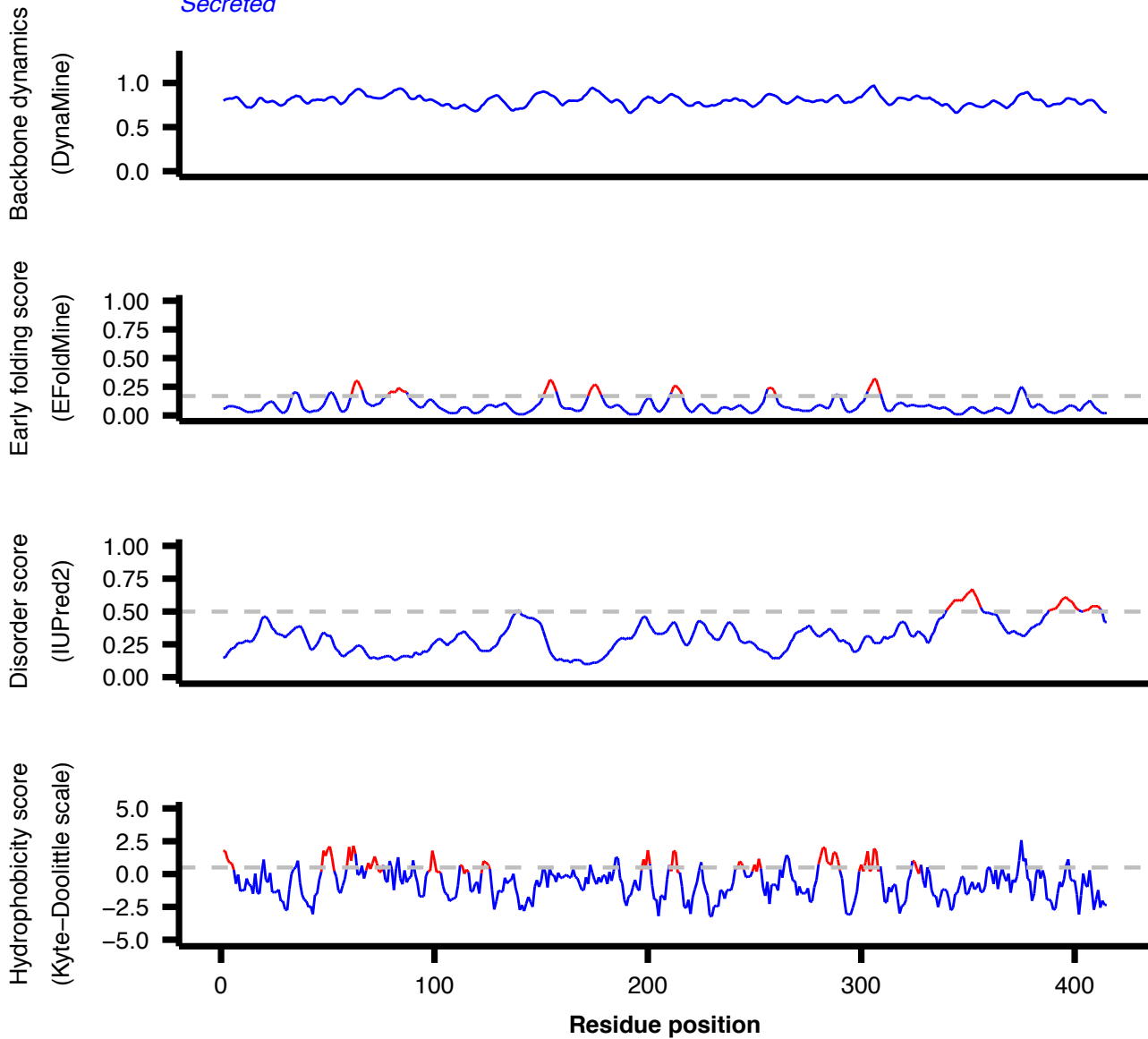
# P13482 (TREA\_ECOLI)

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# P0AG80 (UGPB\_ECOLI)

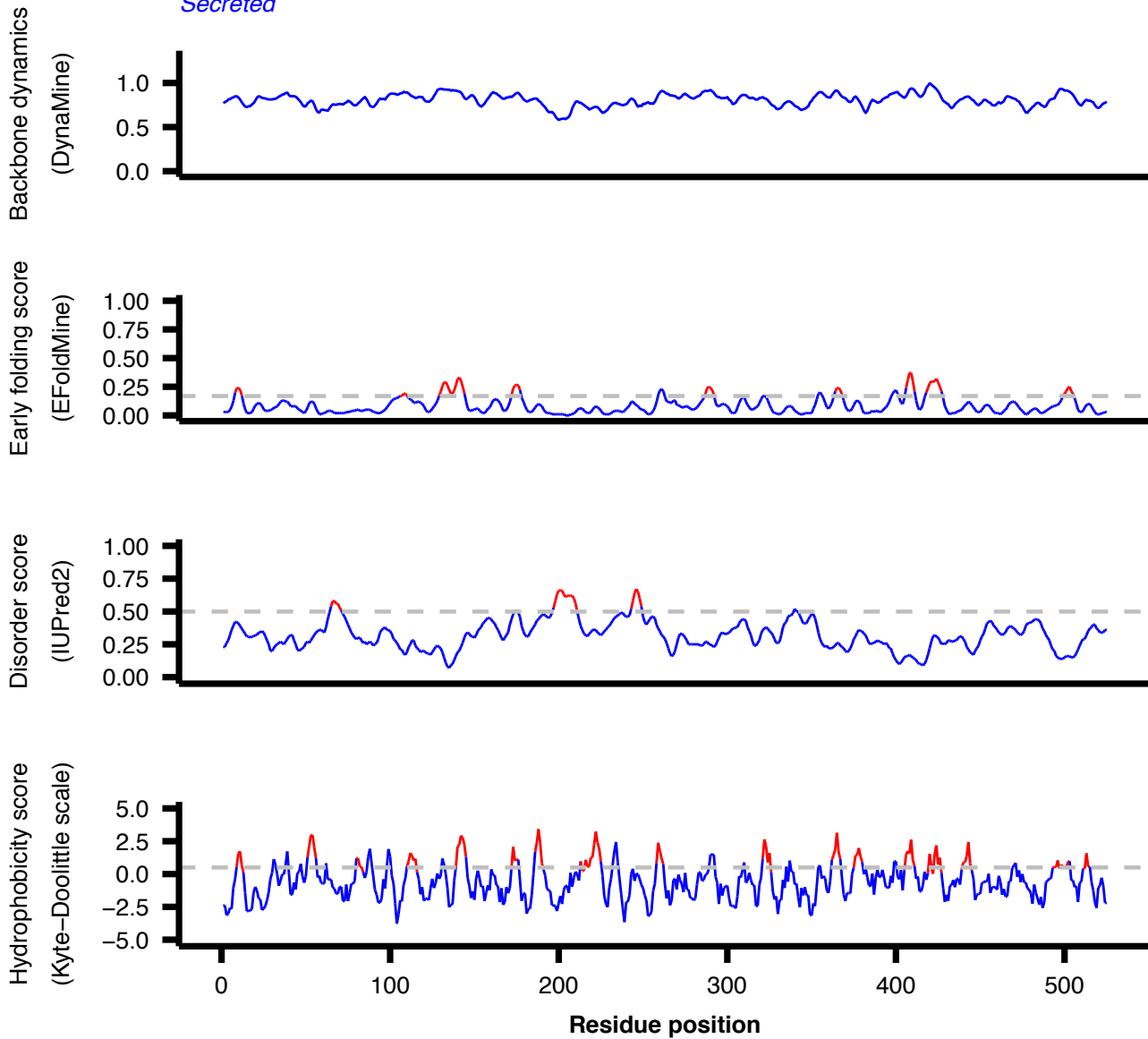
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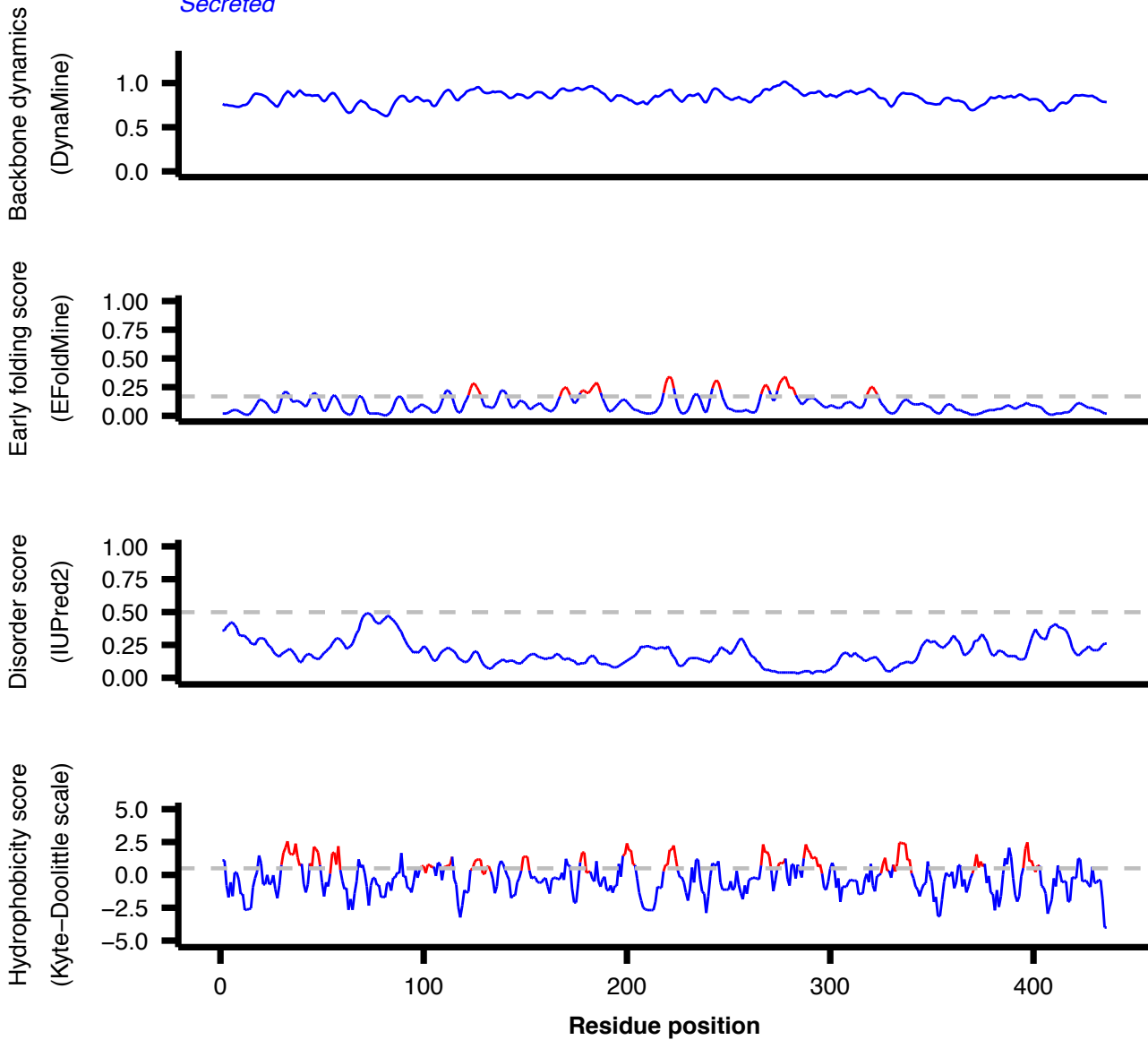
# P07024 (USHA\_ECOLI)

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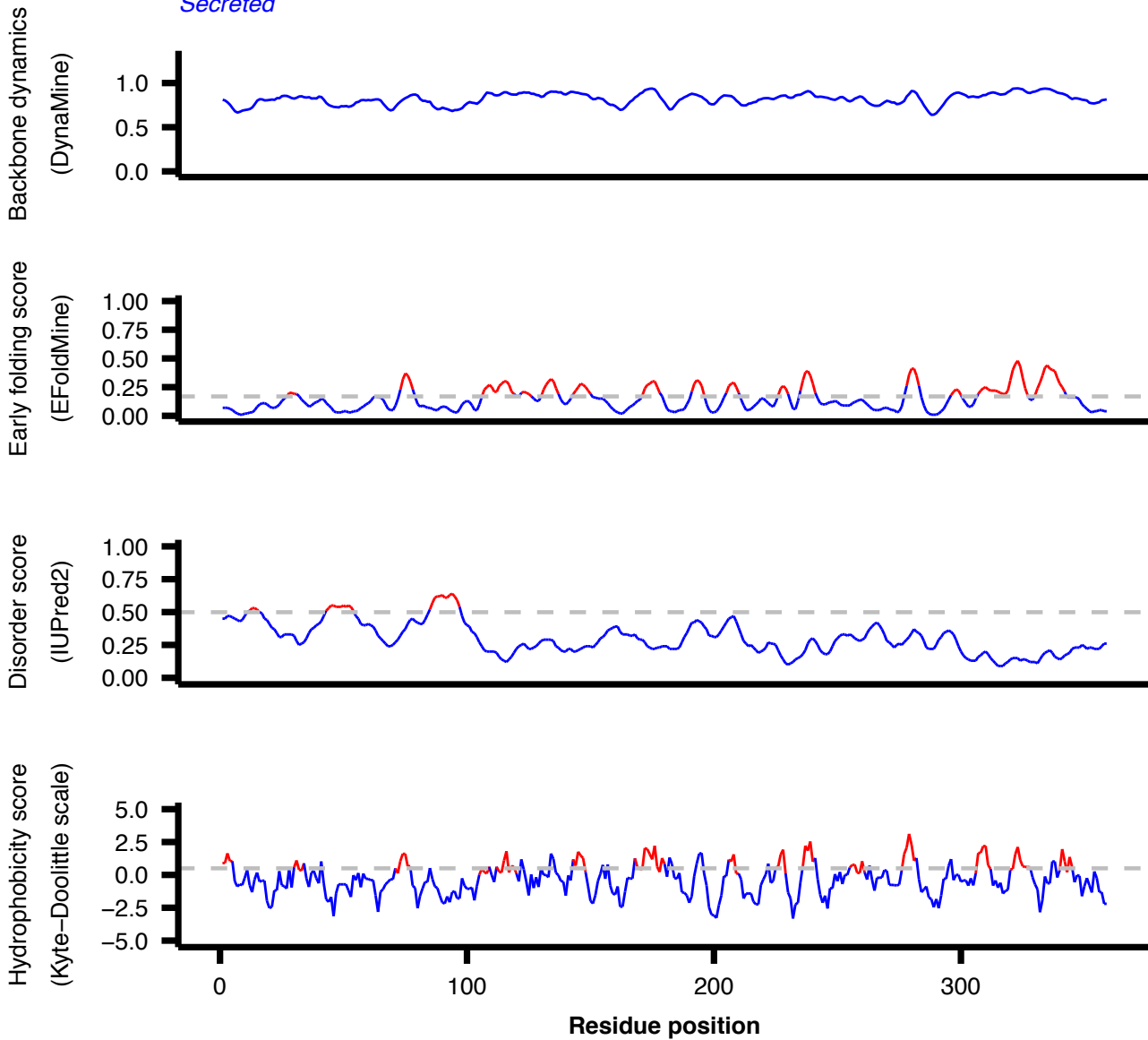
# P71244 (WCAM\_ECOLI)

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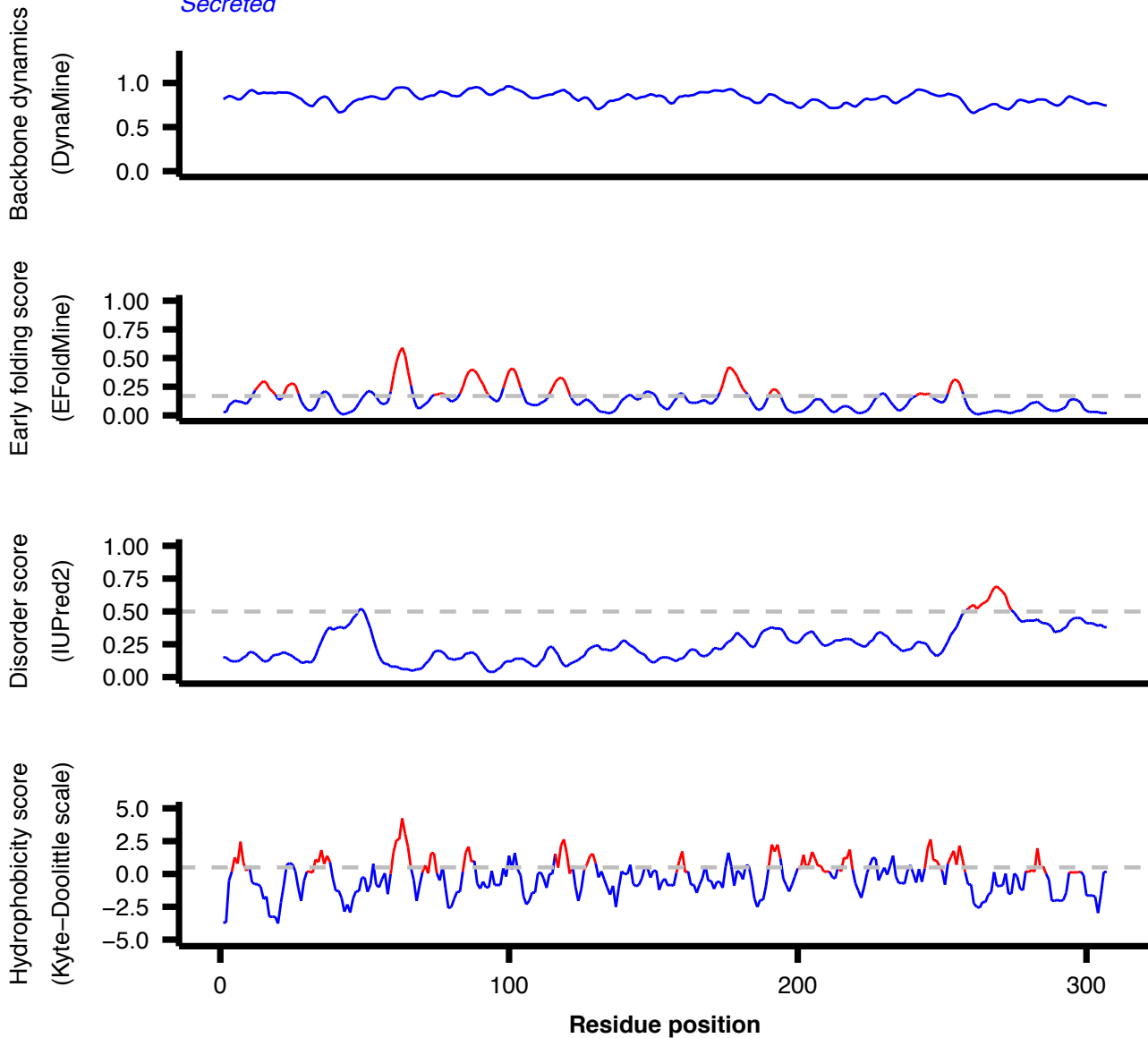
# P0A930 (WZA\_ECOLI)

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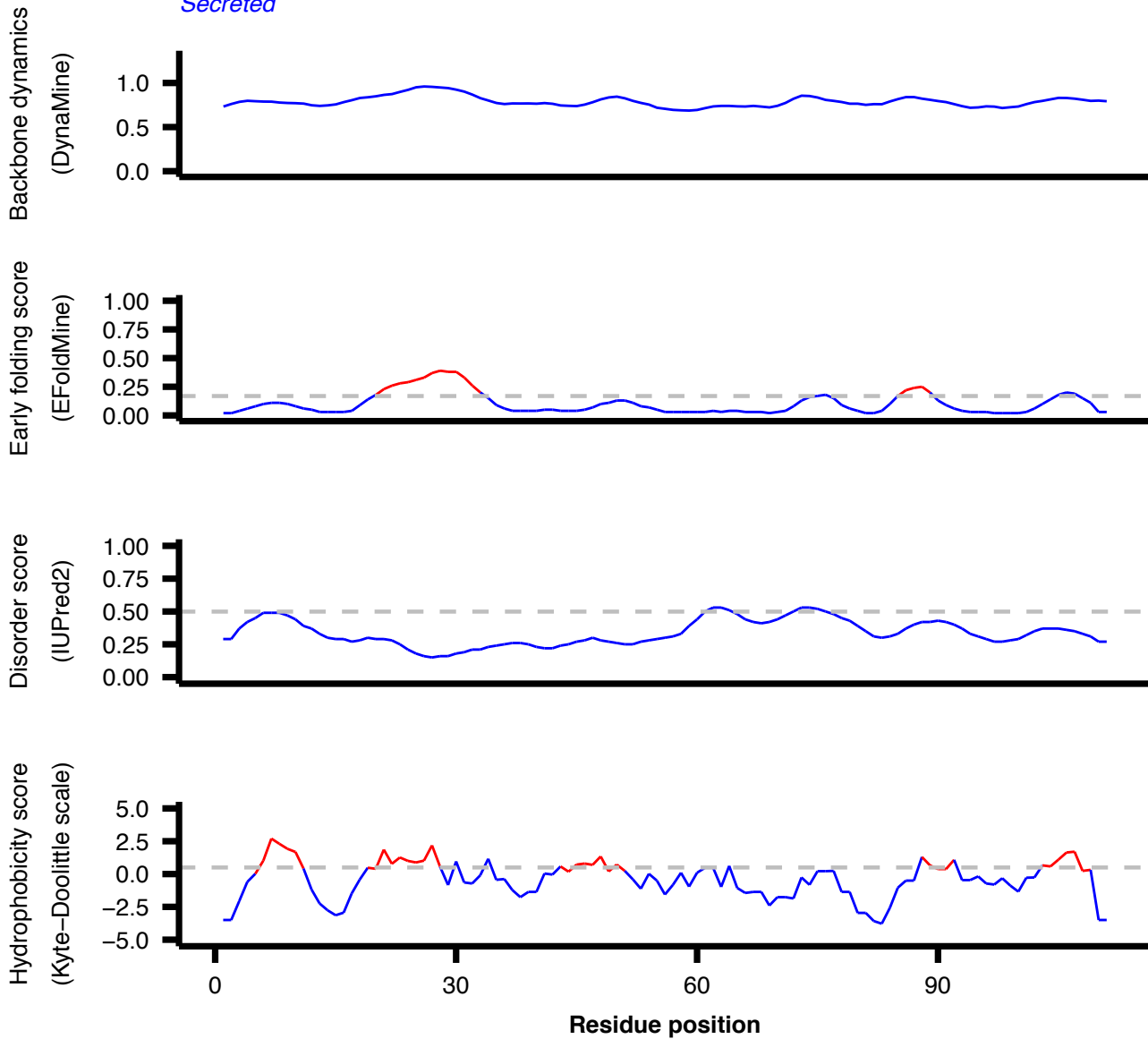
# P37387 (XYLF\_ECOLI)

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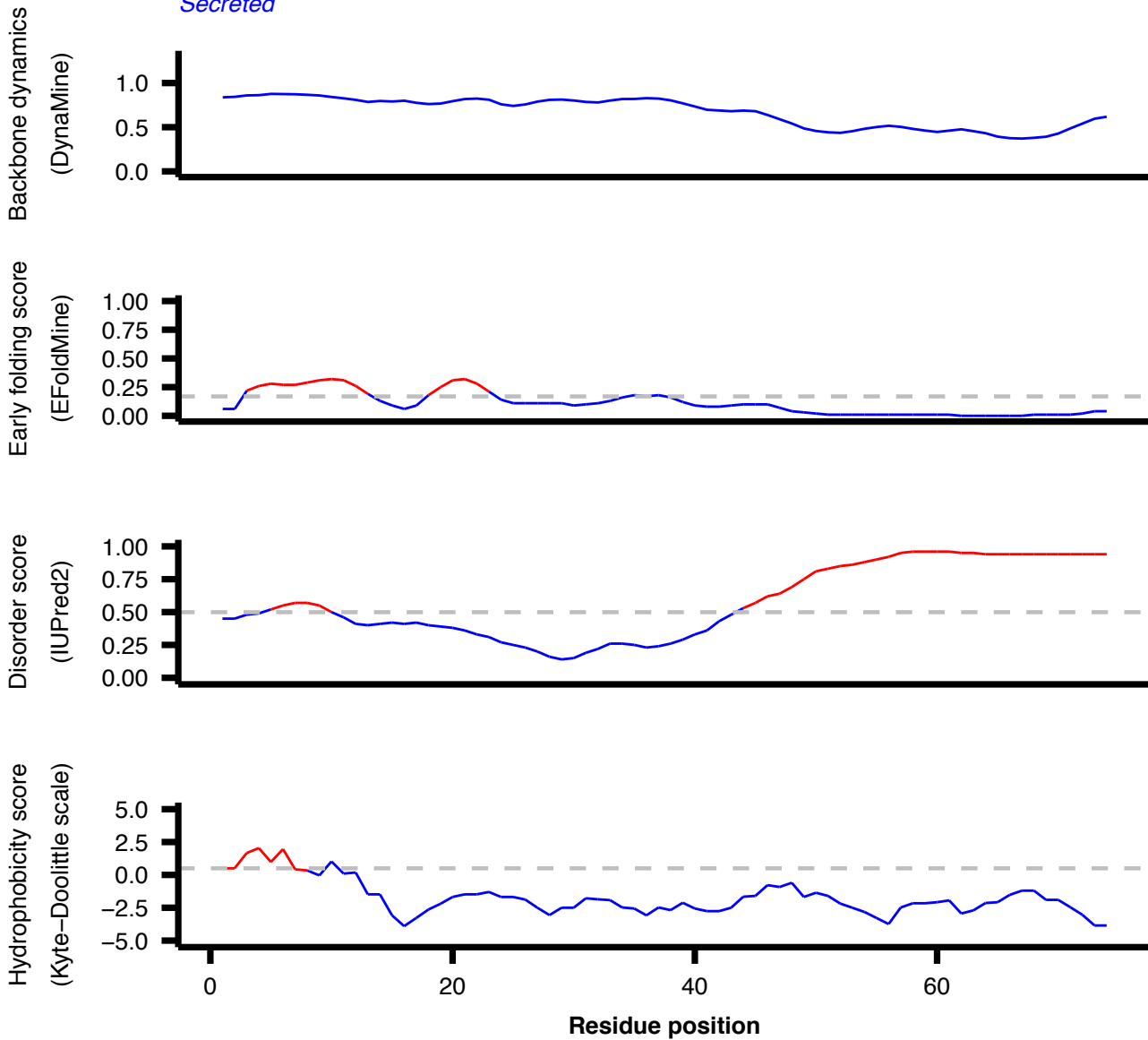
# P28696 (YAAI\_ECOLI)

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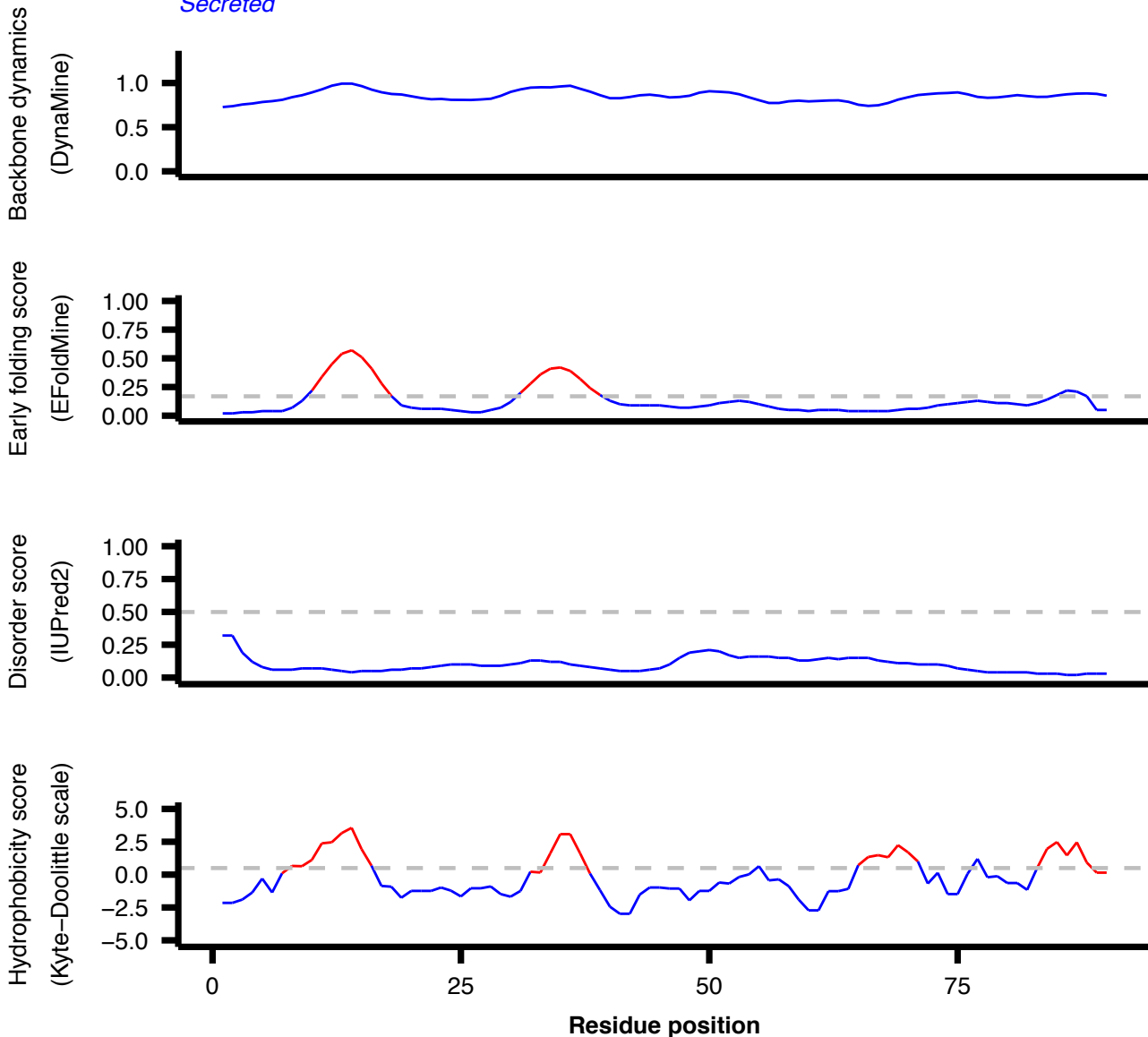
# P75616 (YAAX\_ECOLI)

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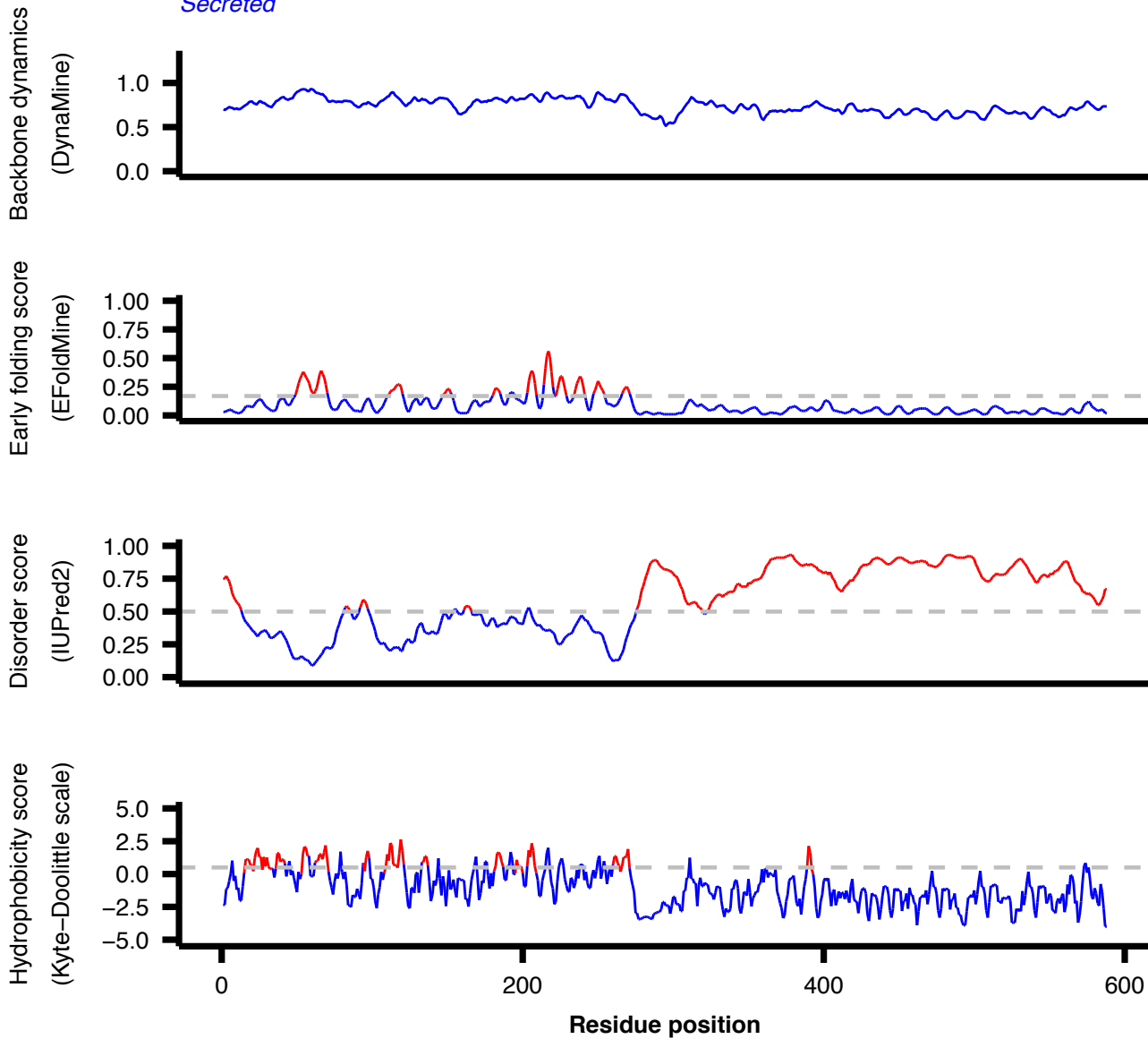
# P0AA95 (YACC\_ECOLI)

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# P36682 (YACH\_ECOLI)

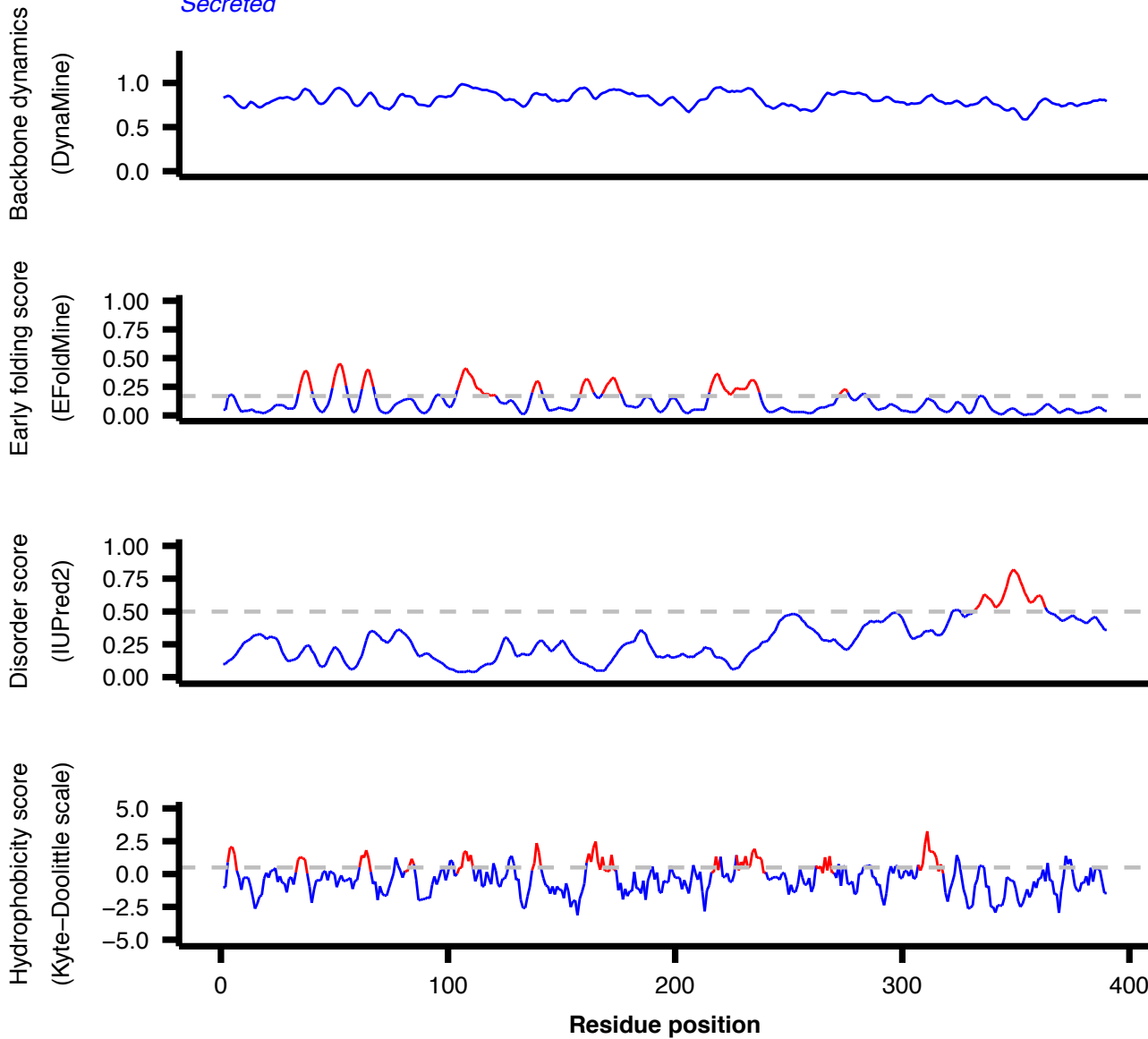
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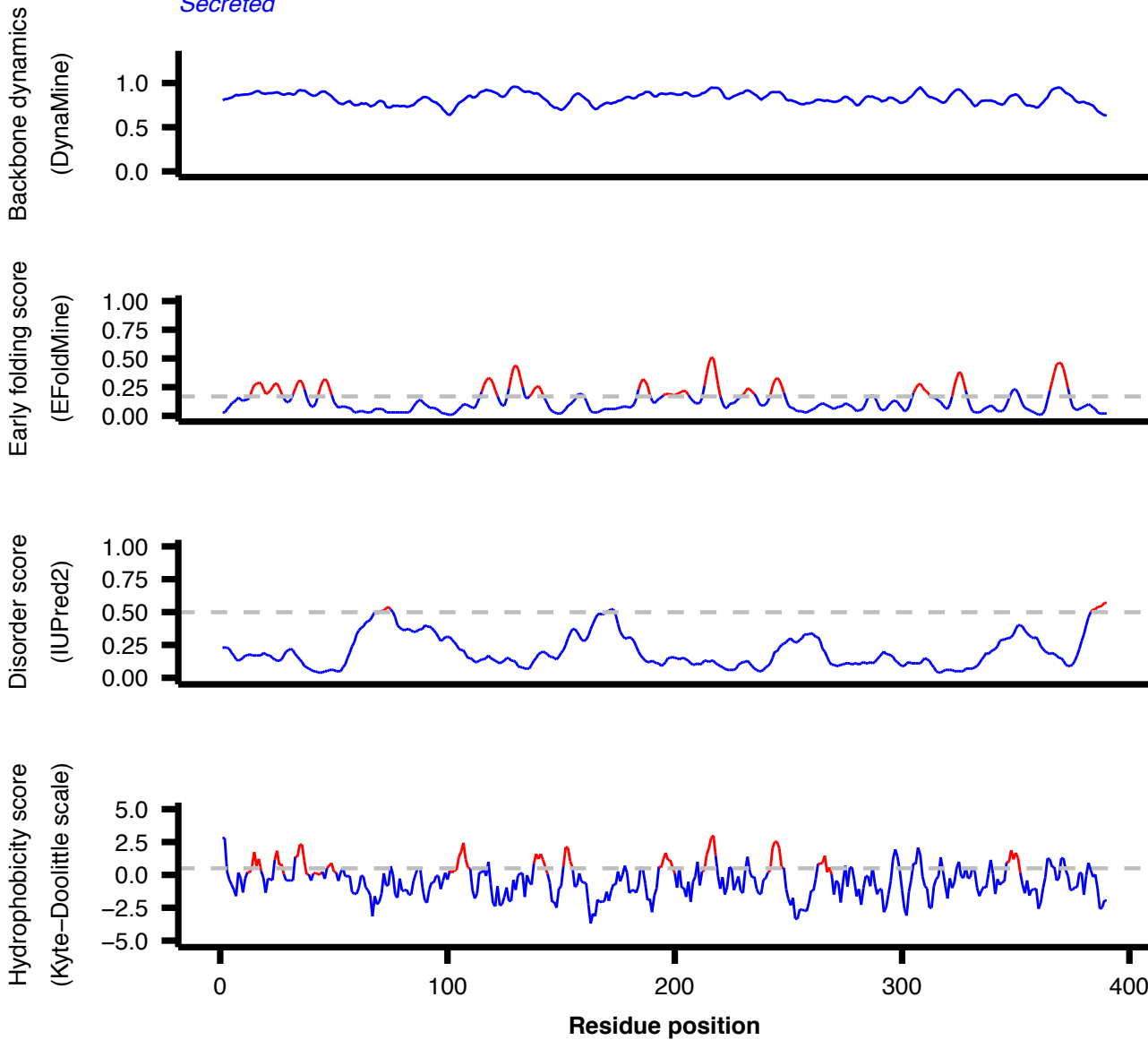
# P31058 (YADC\_ECOLI)

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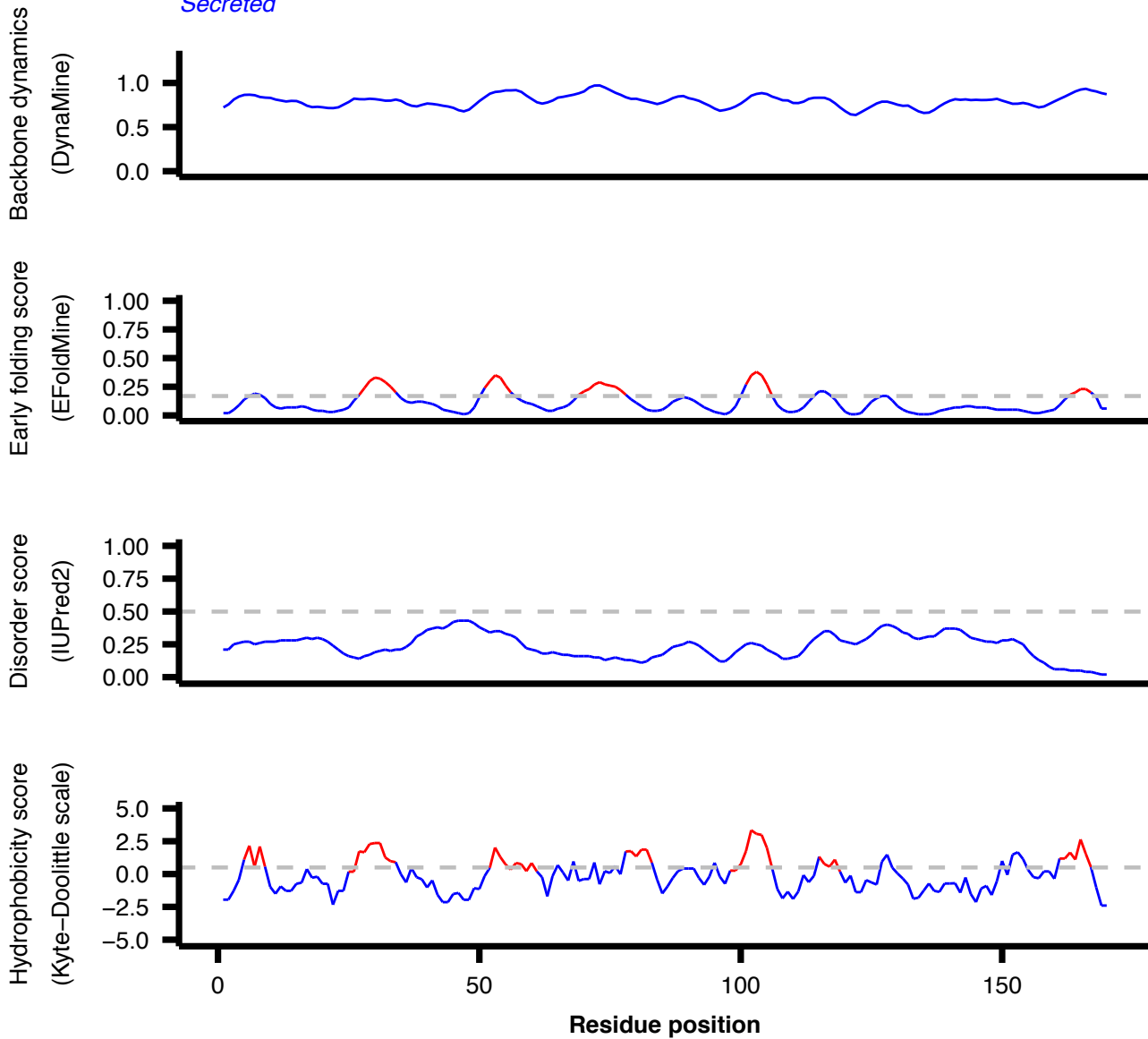
# P31666 (YADE\_ECOLI)

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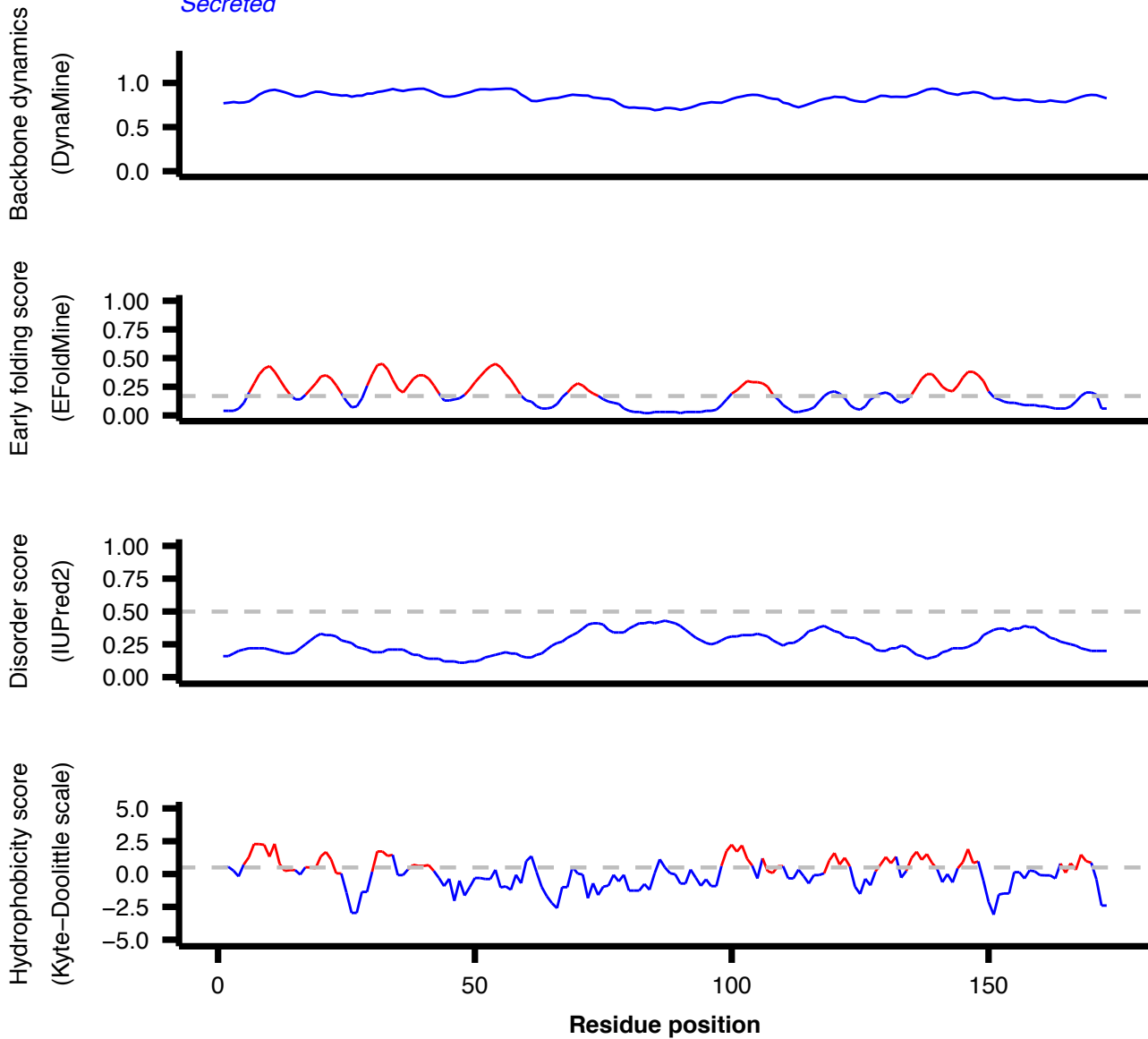
# P37016 (YADK\_ECOLI)

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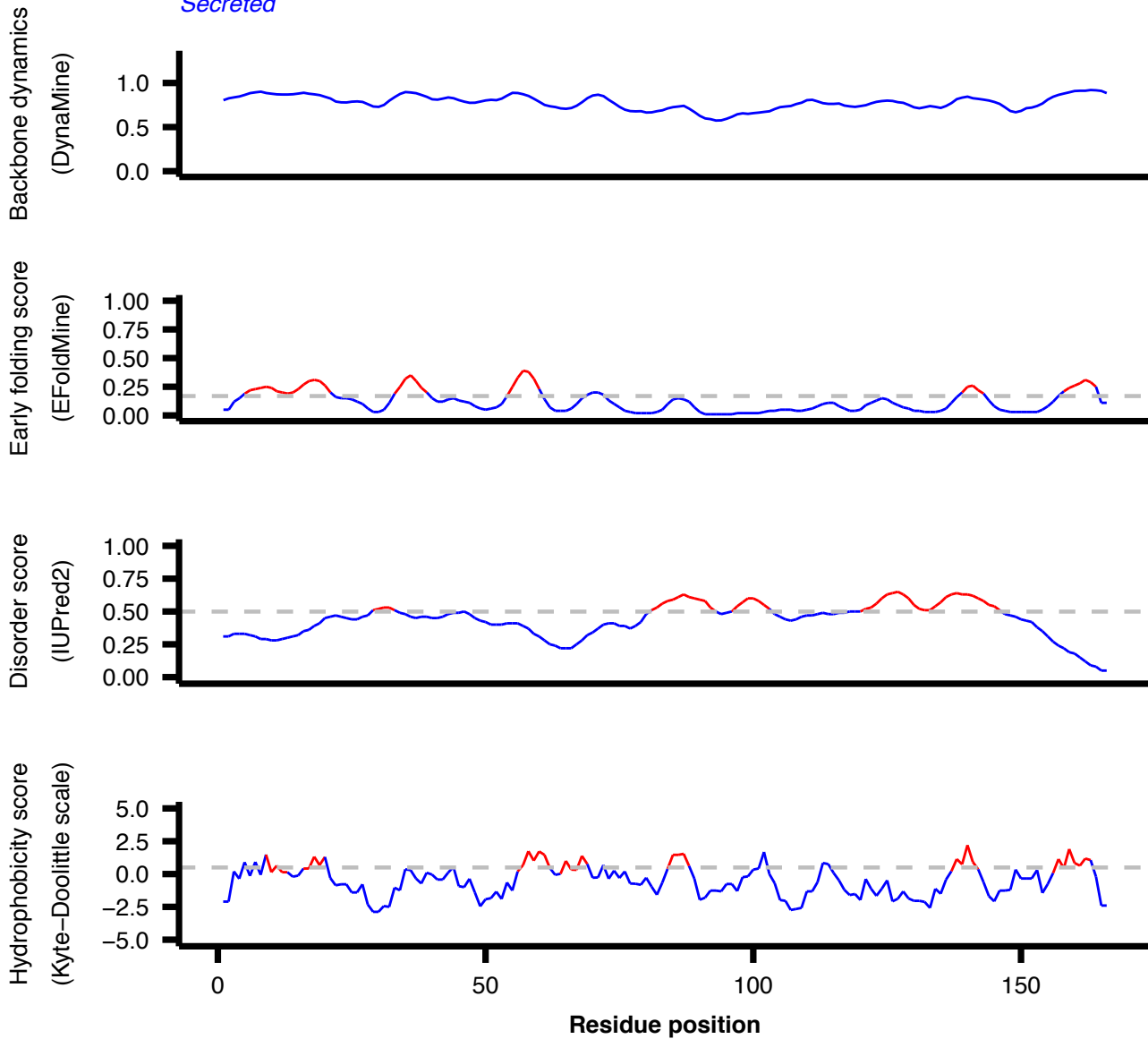
# P37017 (YADL\_ECOLI)

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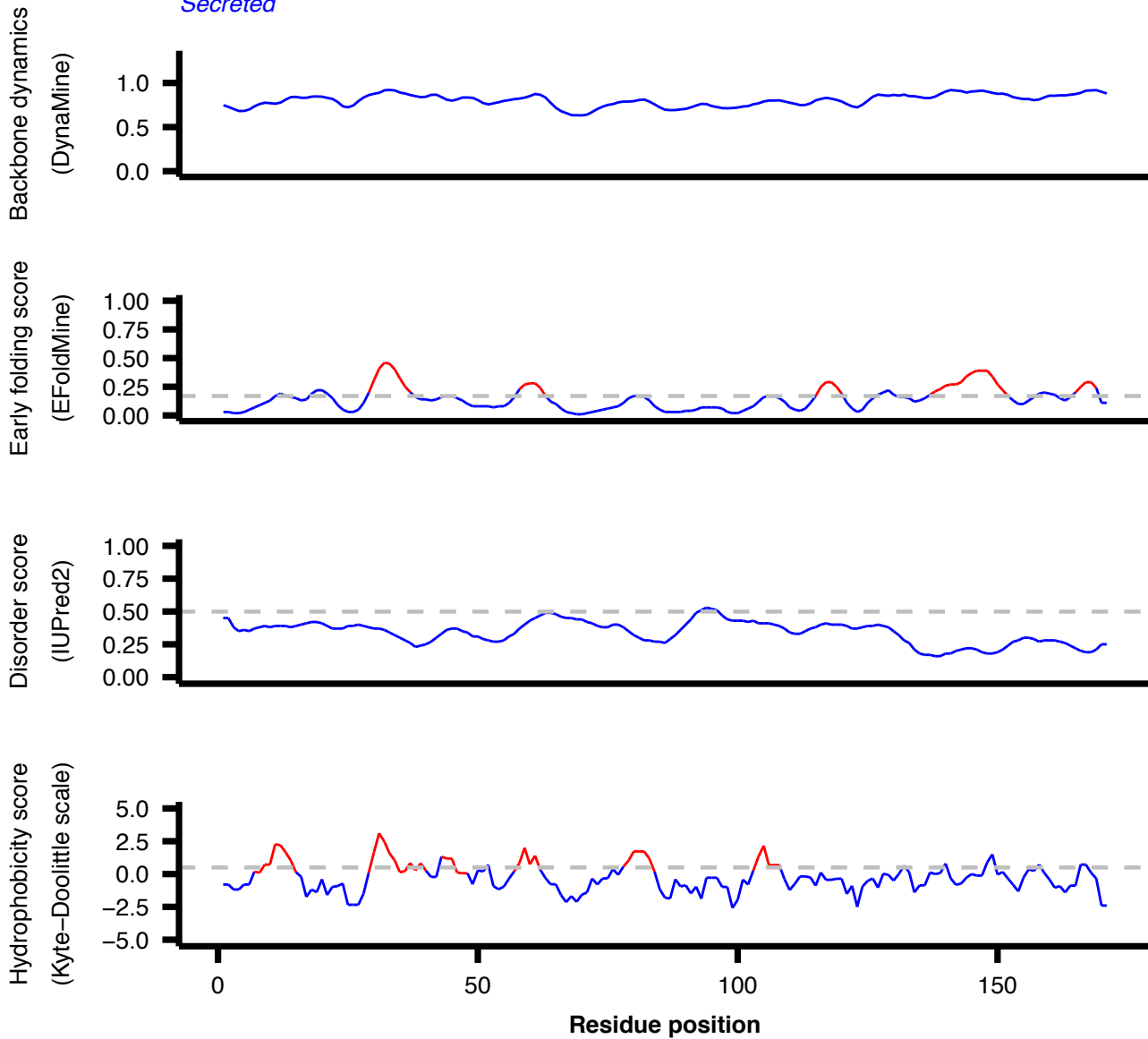
# P37018 (YADM\_ECOLI)

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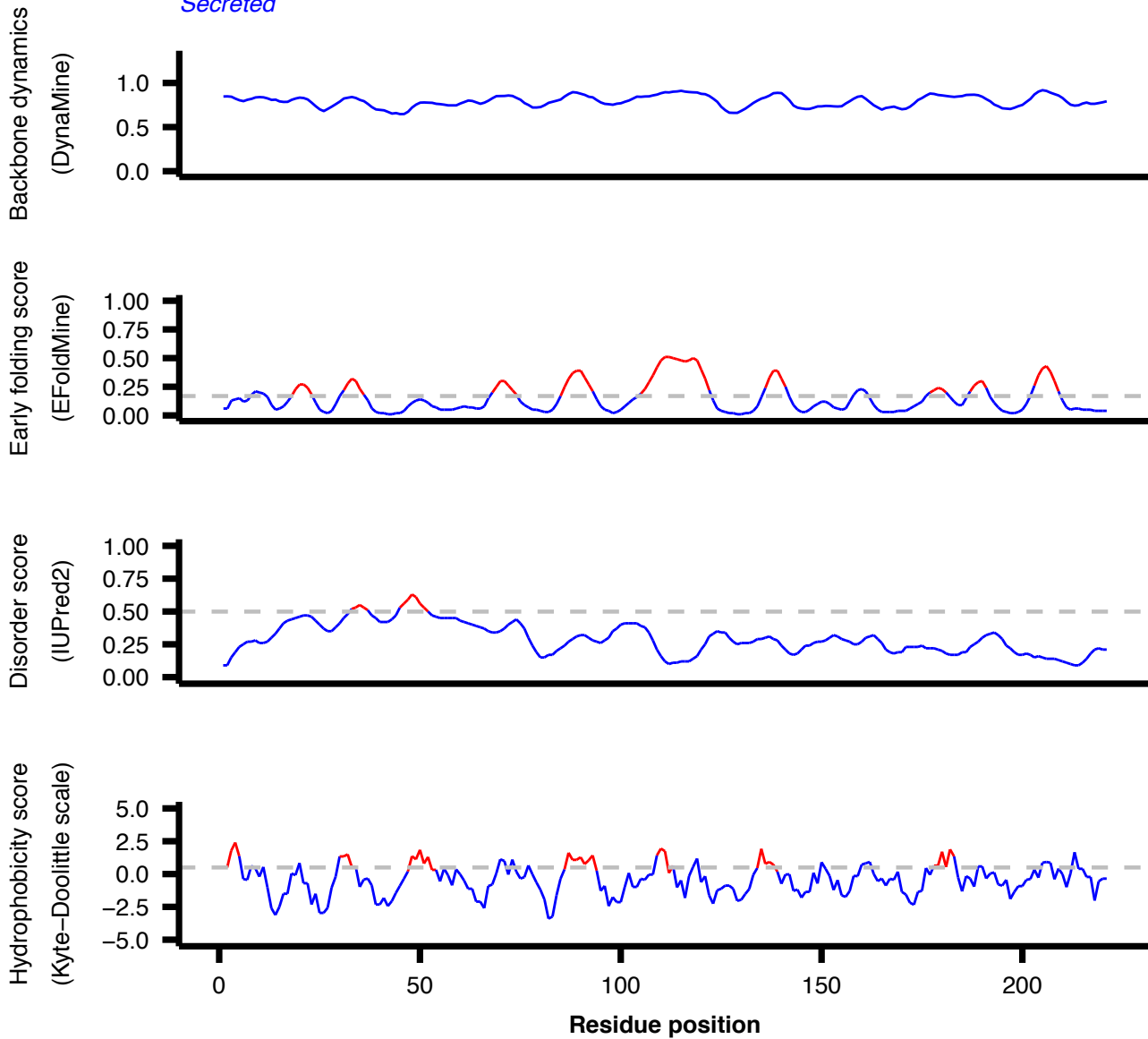
# P37050 (YADN\_ECOLI)

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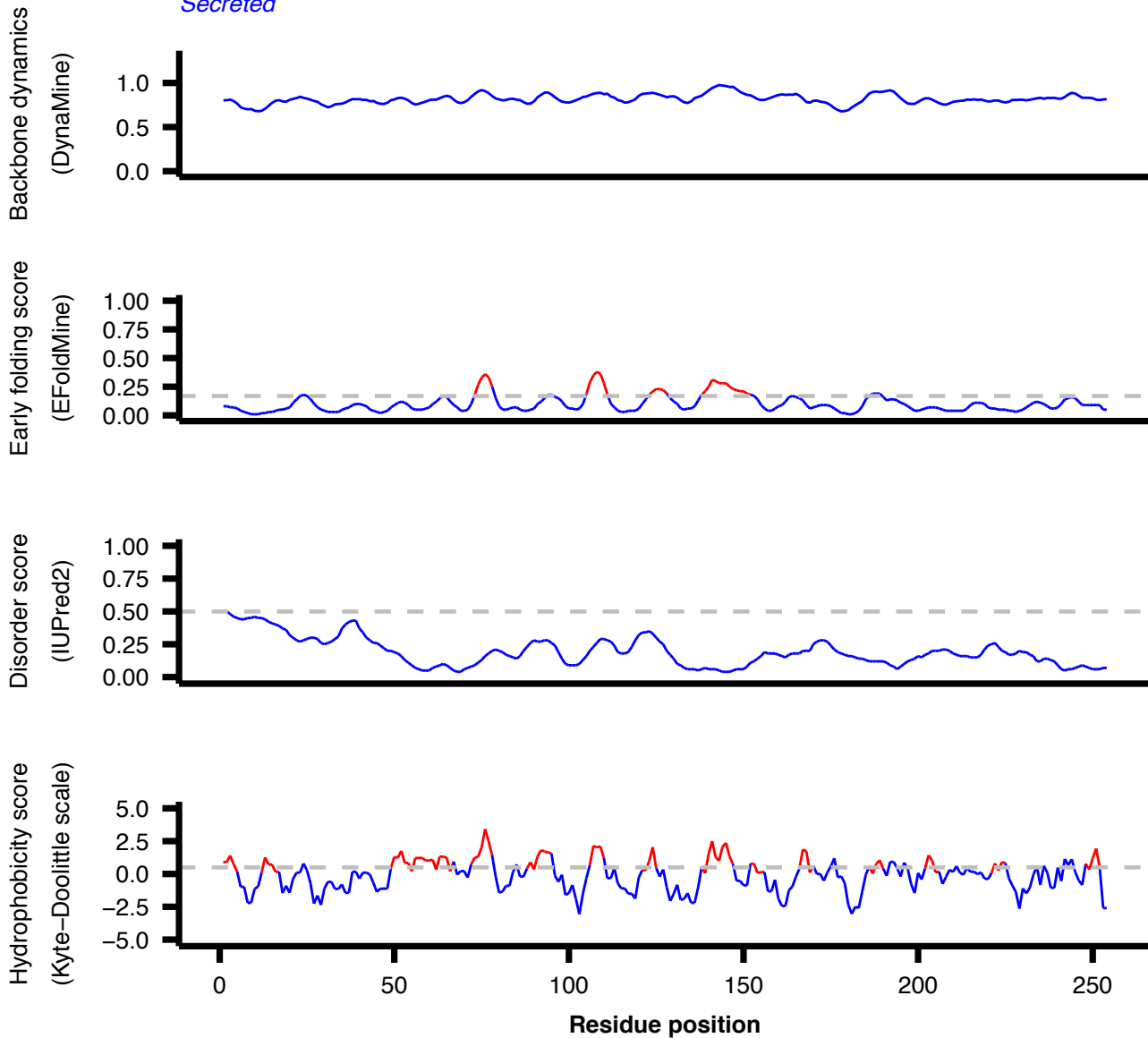
# P33128 (YADV\_ECOLI)

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# P37056 (YAEF\_ECOLI)

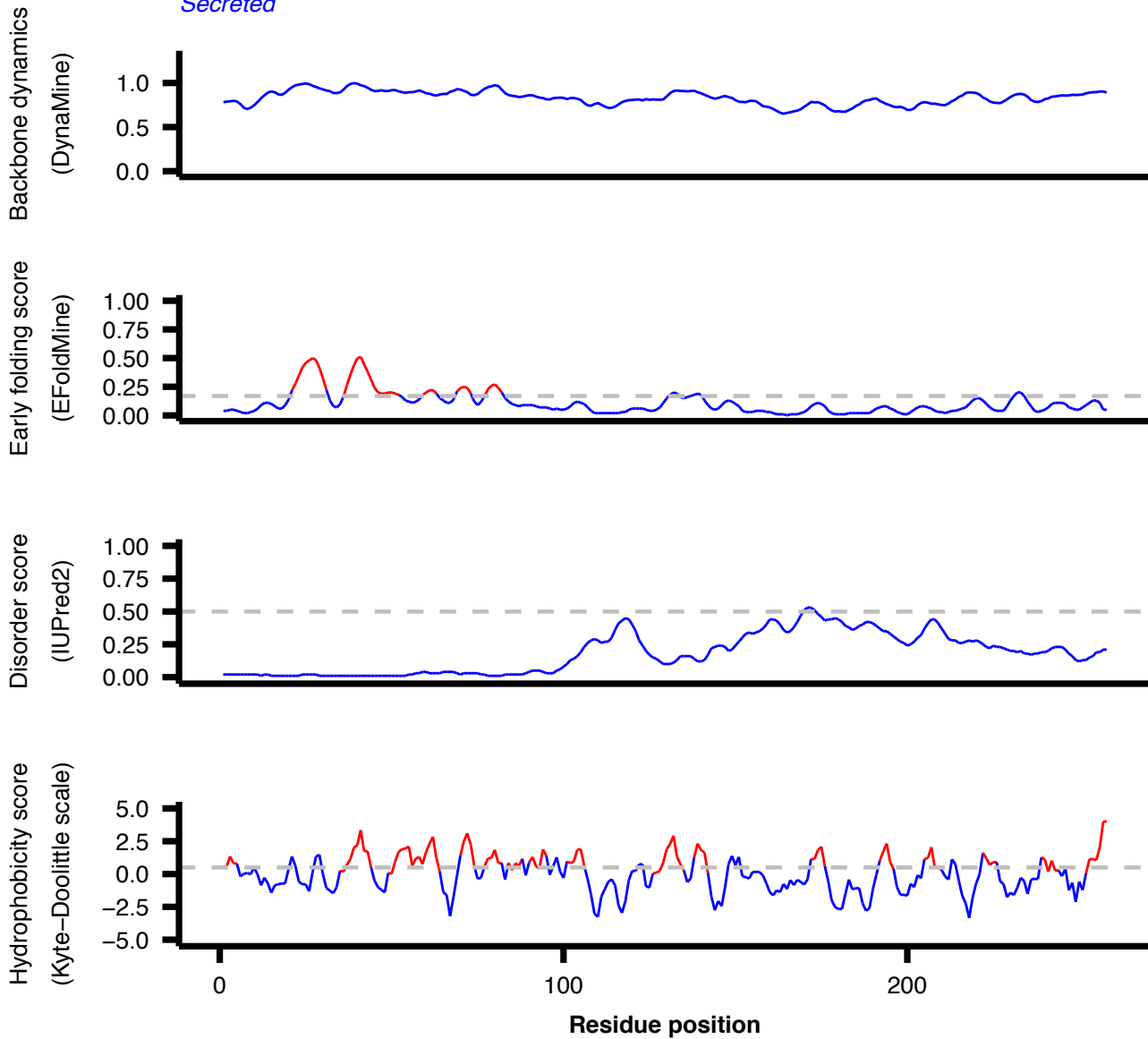
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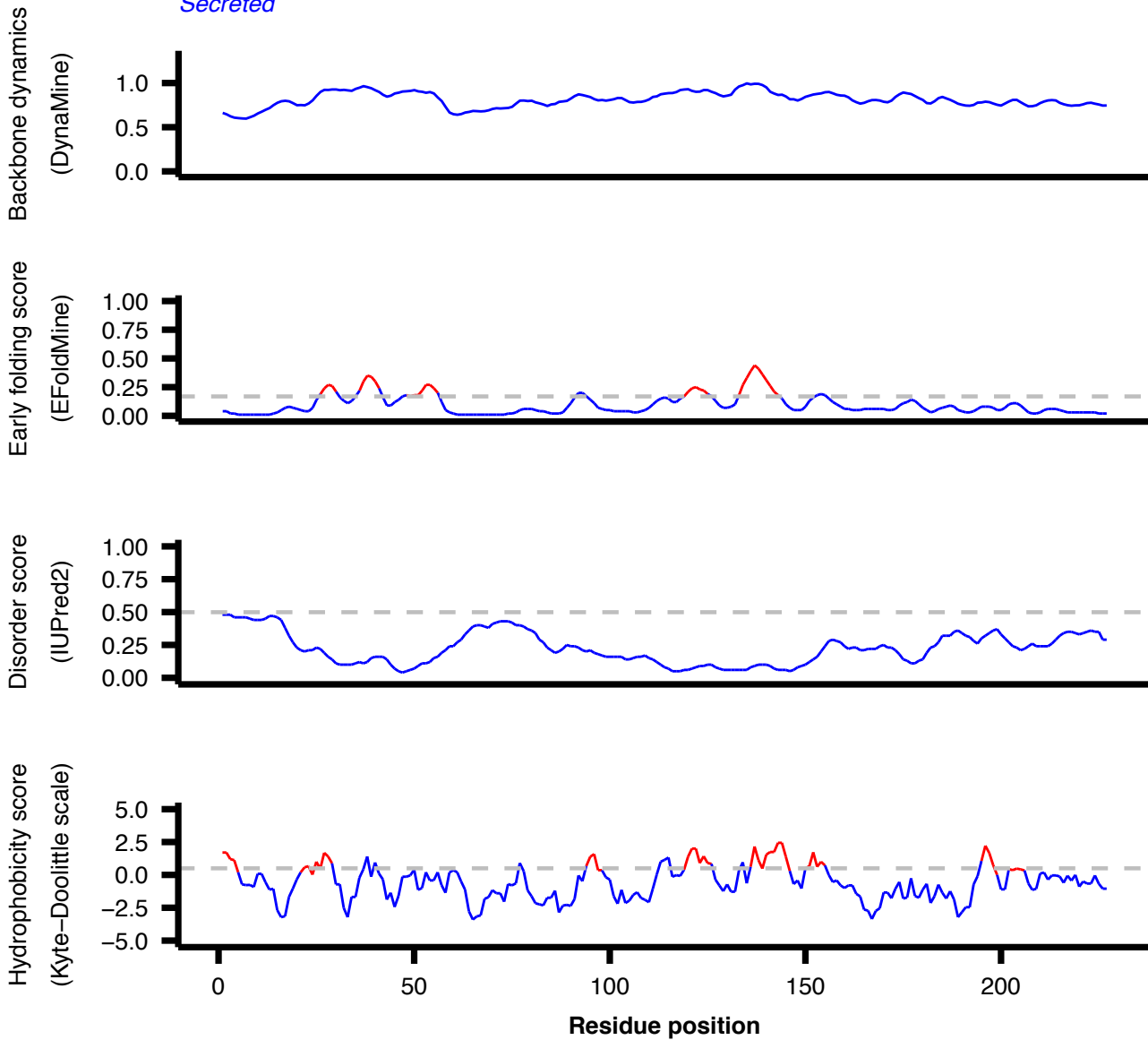
# P37049 (YAEI\_ECOLI)

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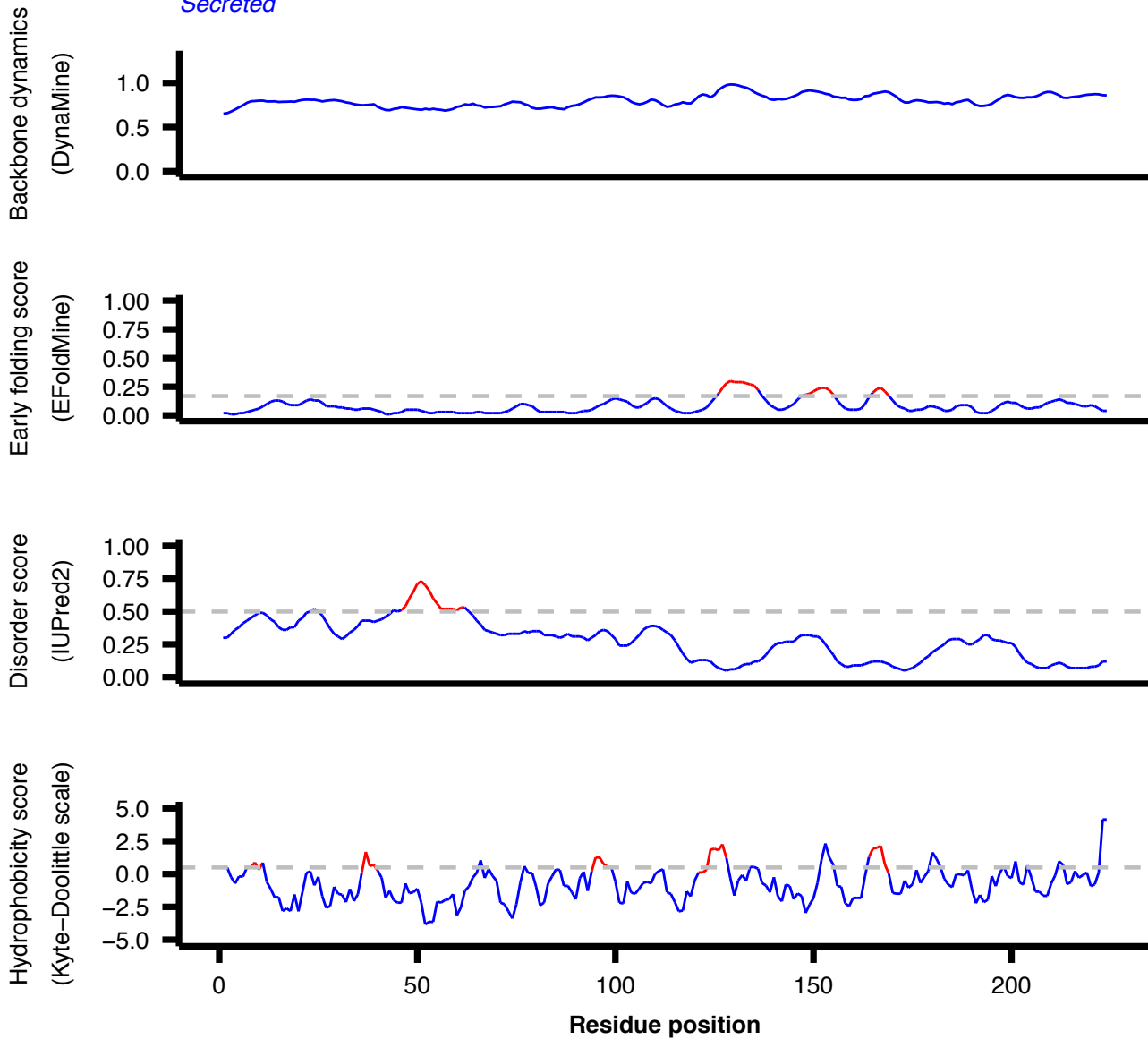
# P0AA99 (YAFK\_ECOLI)

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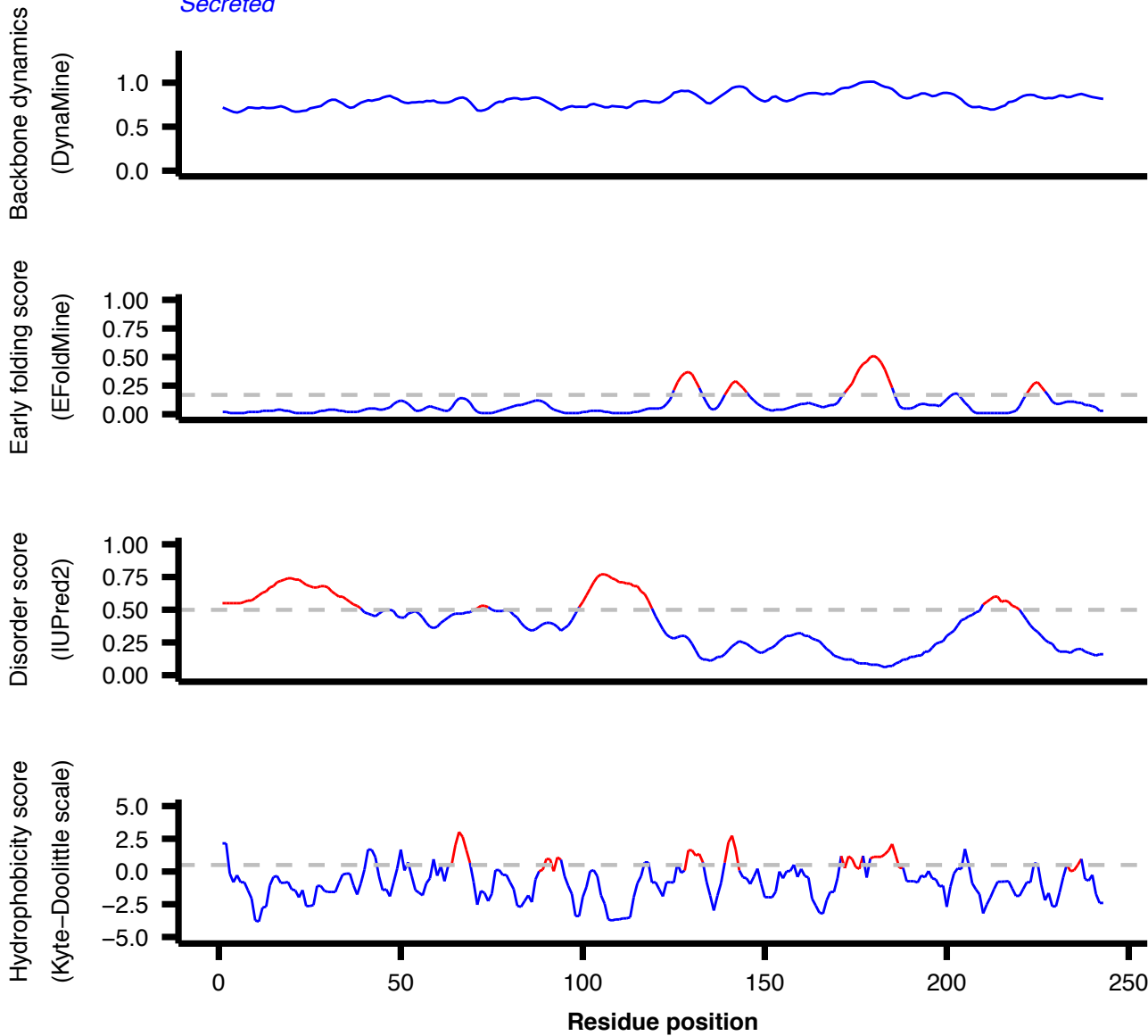
# Q47151 (YAFL\_ECOLI)

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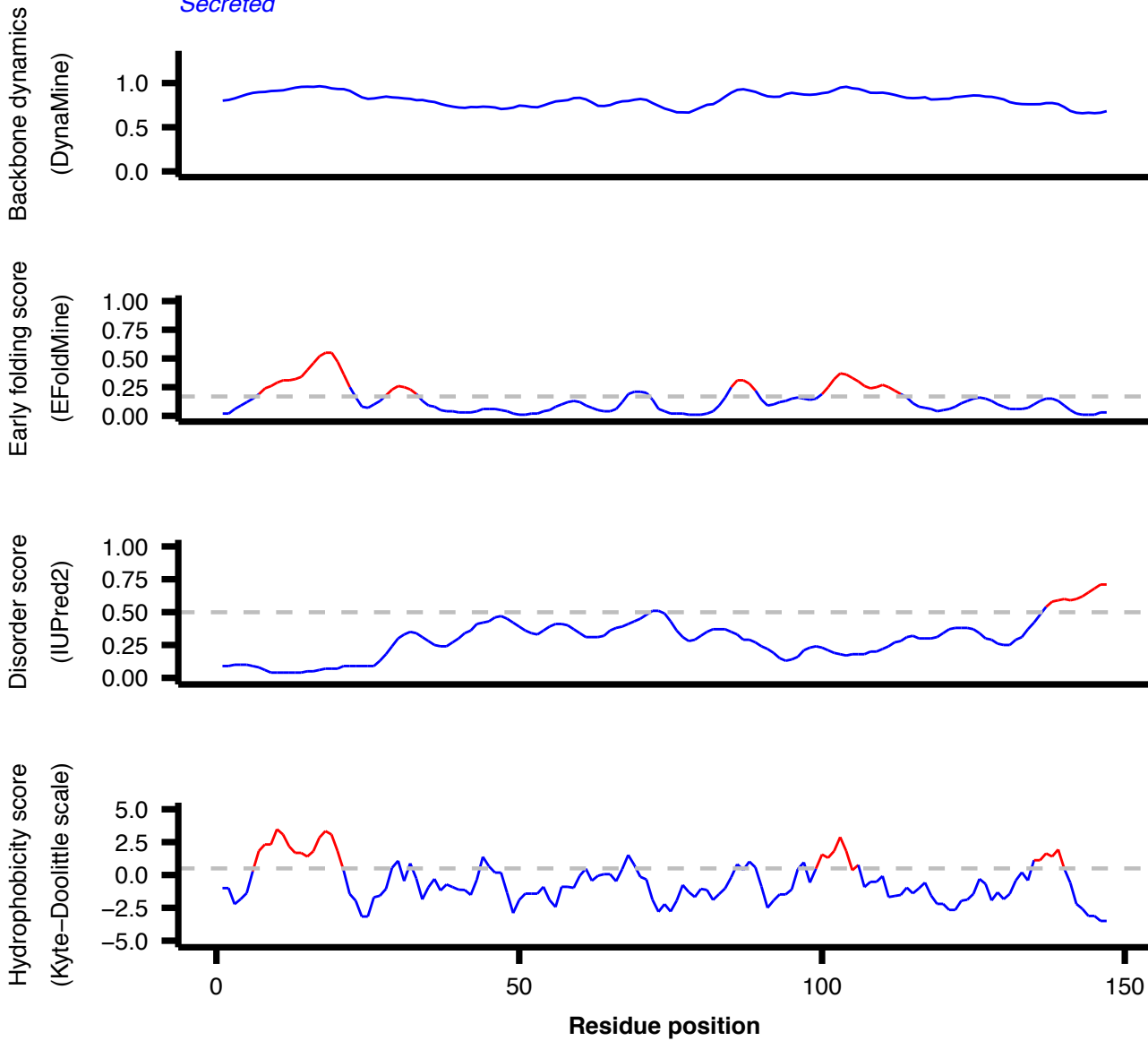
# P77339 (YAFT\_ECOLI)

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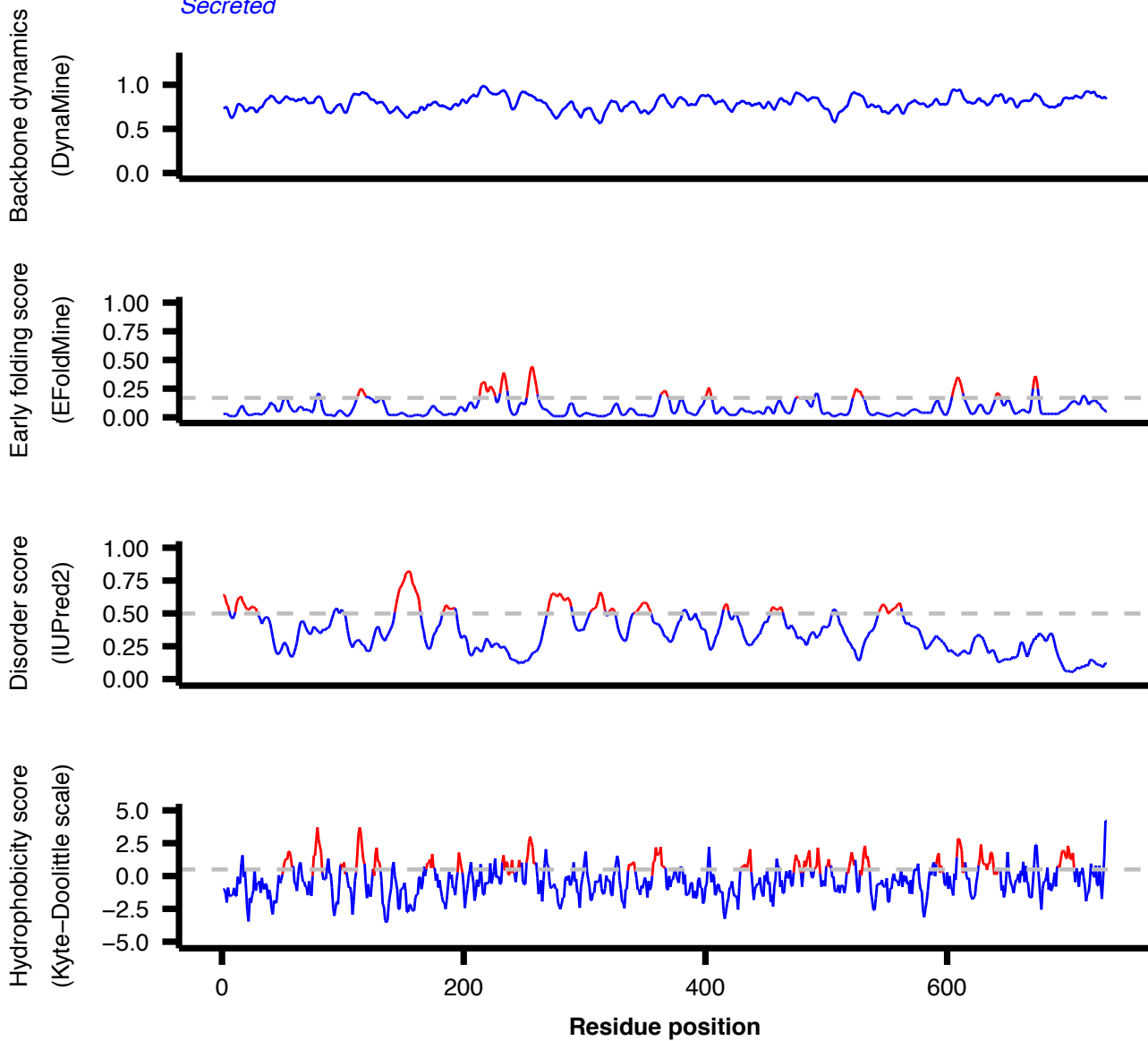
# P77365 (YAFY\_ECOLI)

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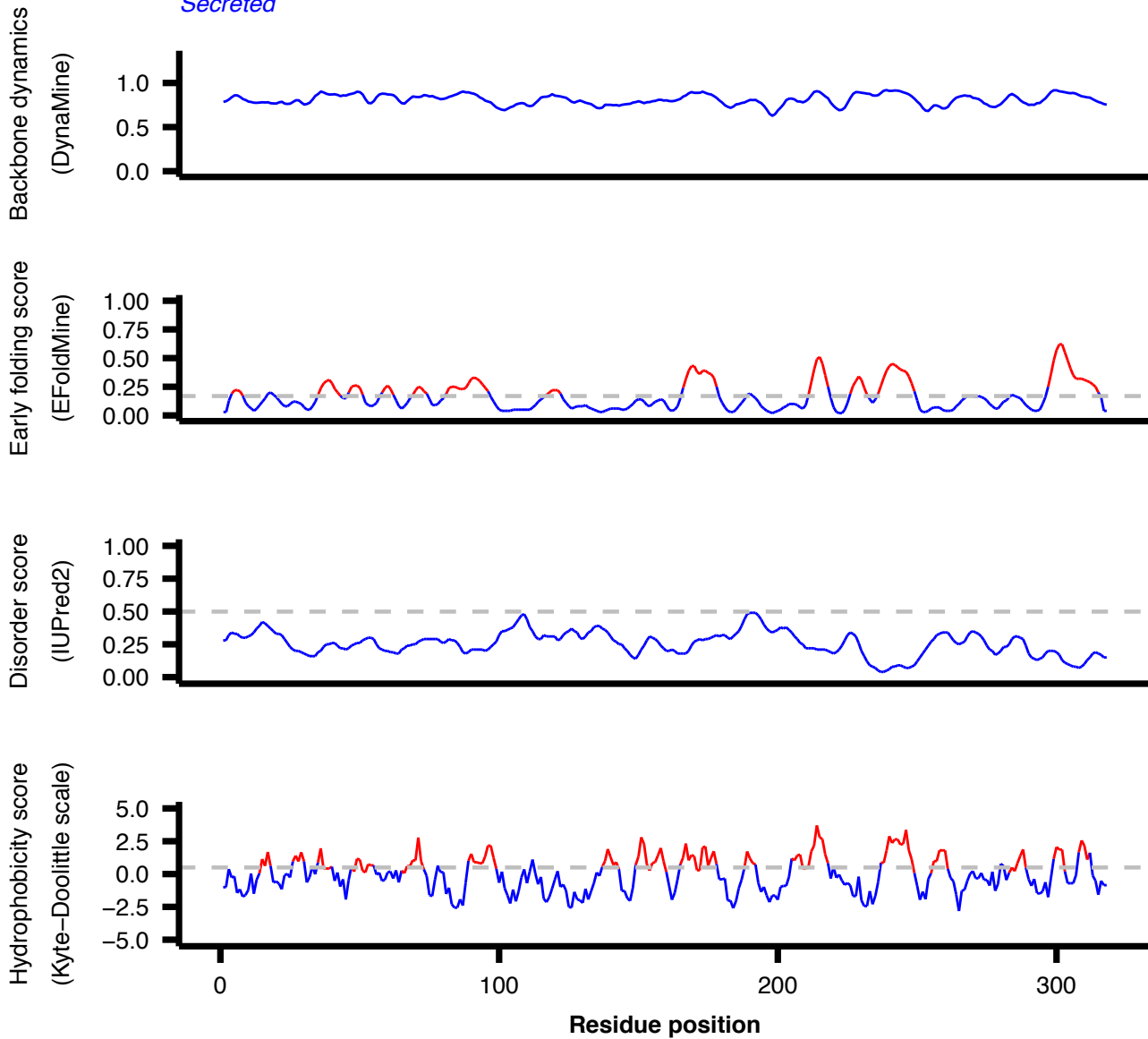
# P77489 (YAGR\_ECOLI)

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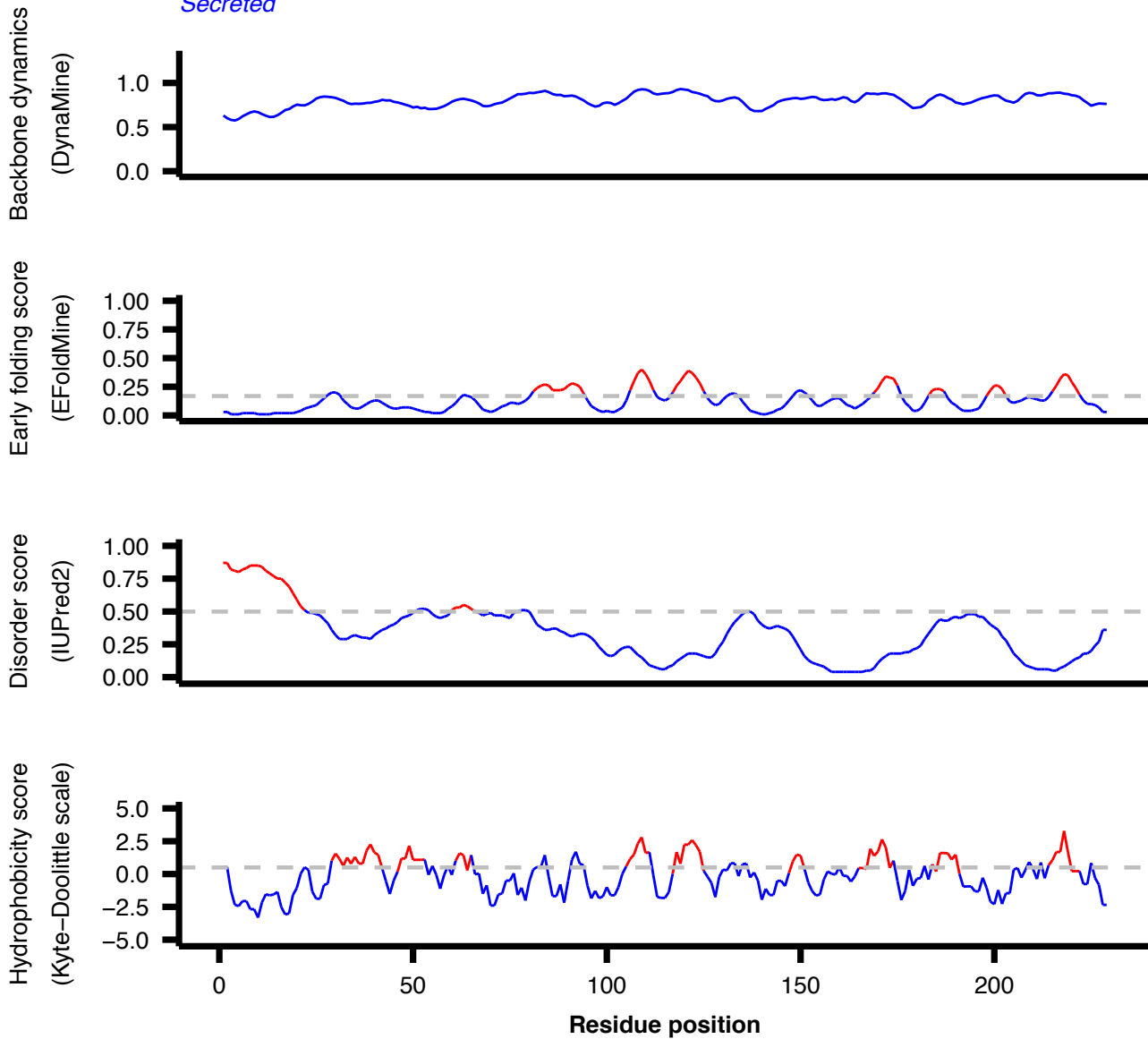
# P77324 (YAGS\_ECOLI)

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# P77165 (YAGT\_ECOLI)

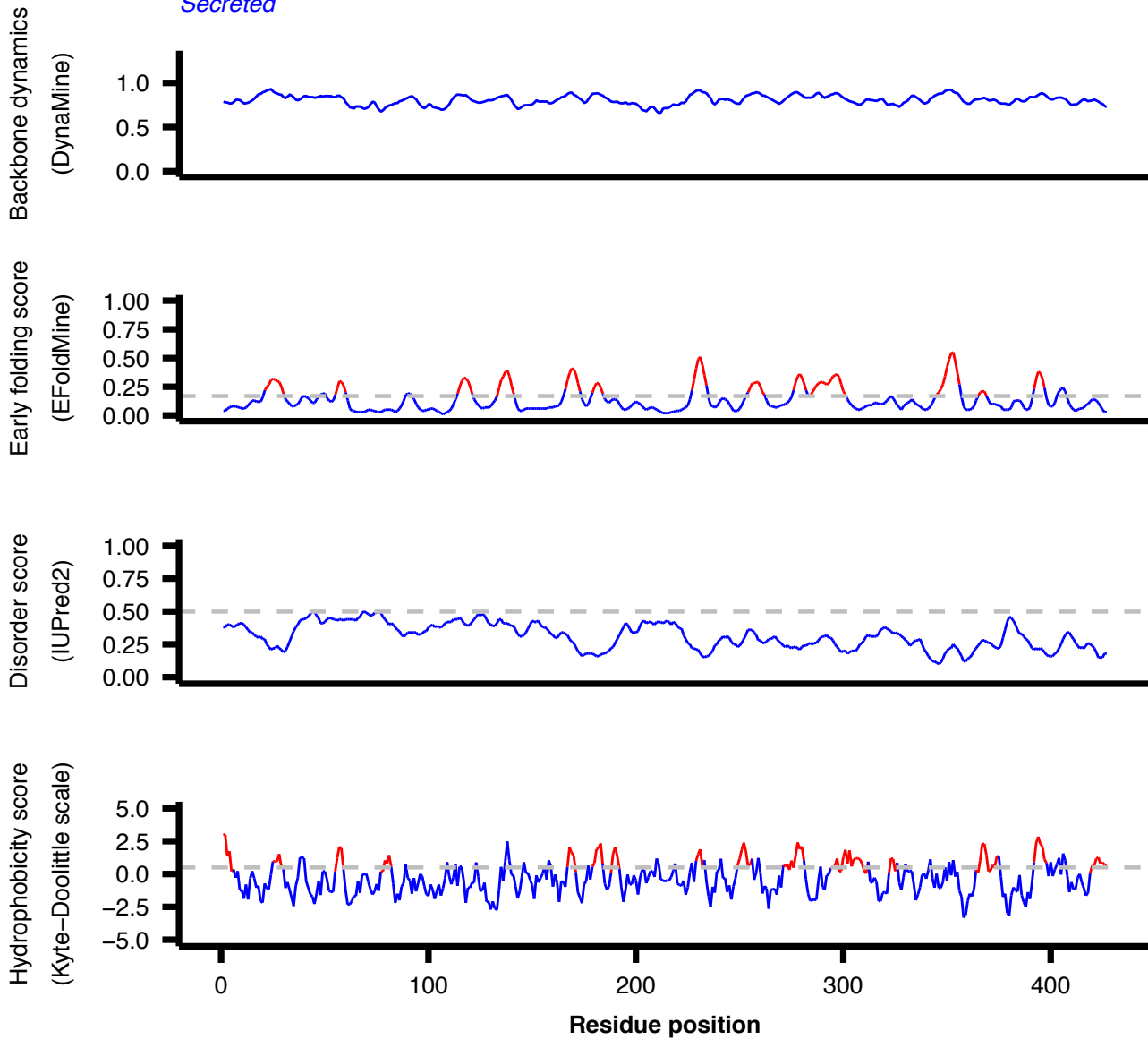
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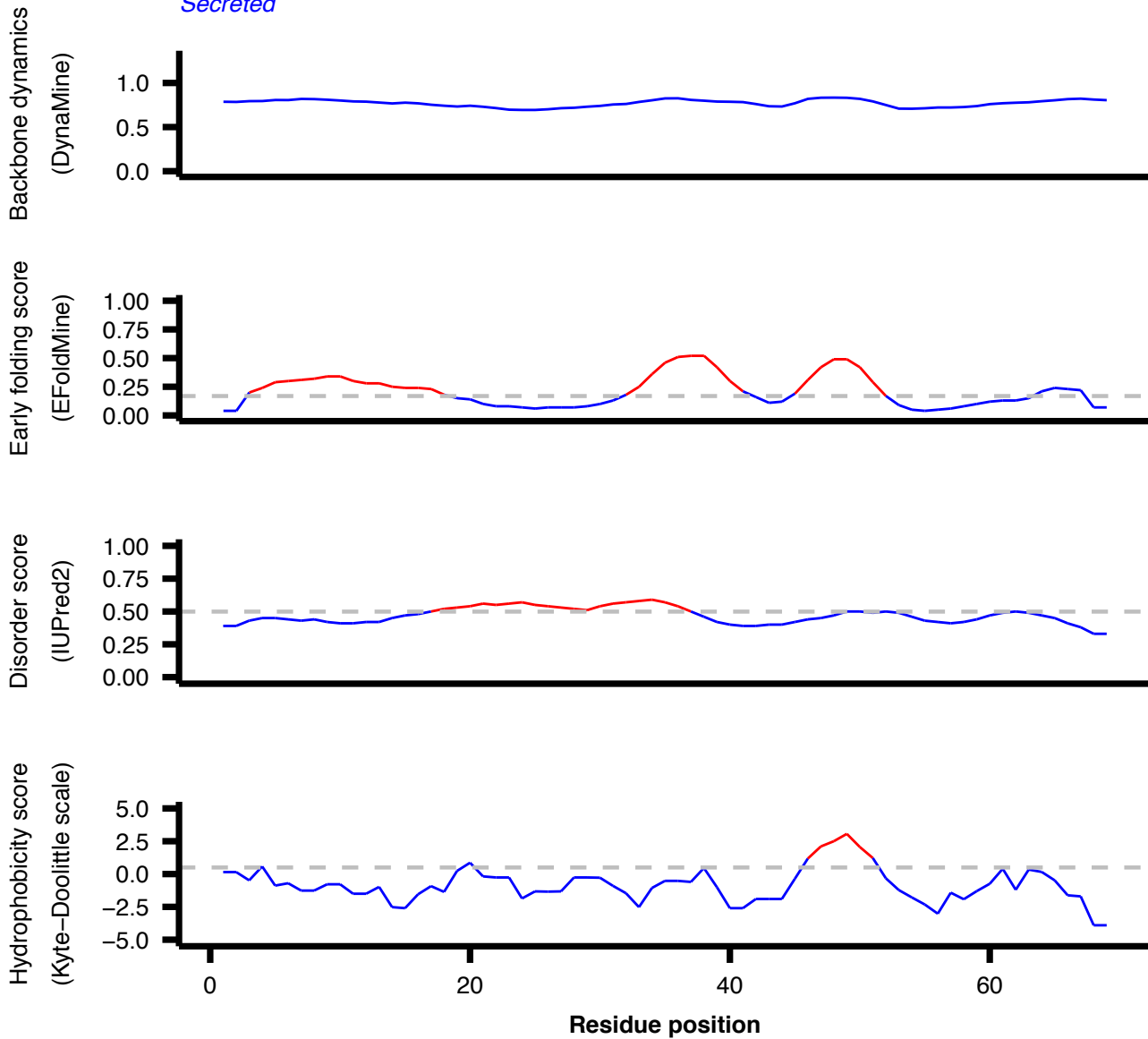
# P77554 (YAHJ\_ECOLI)

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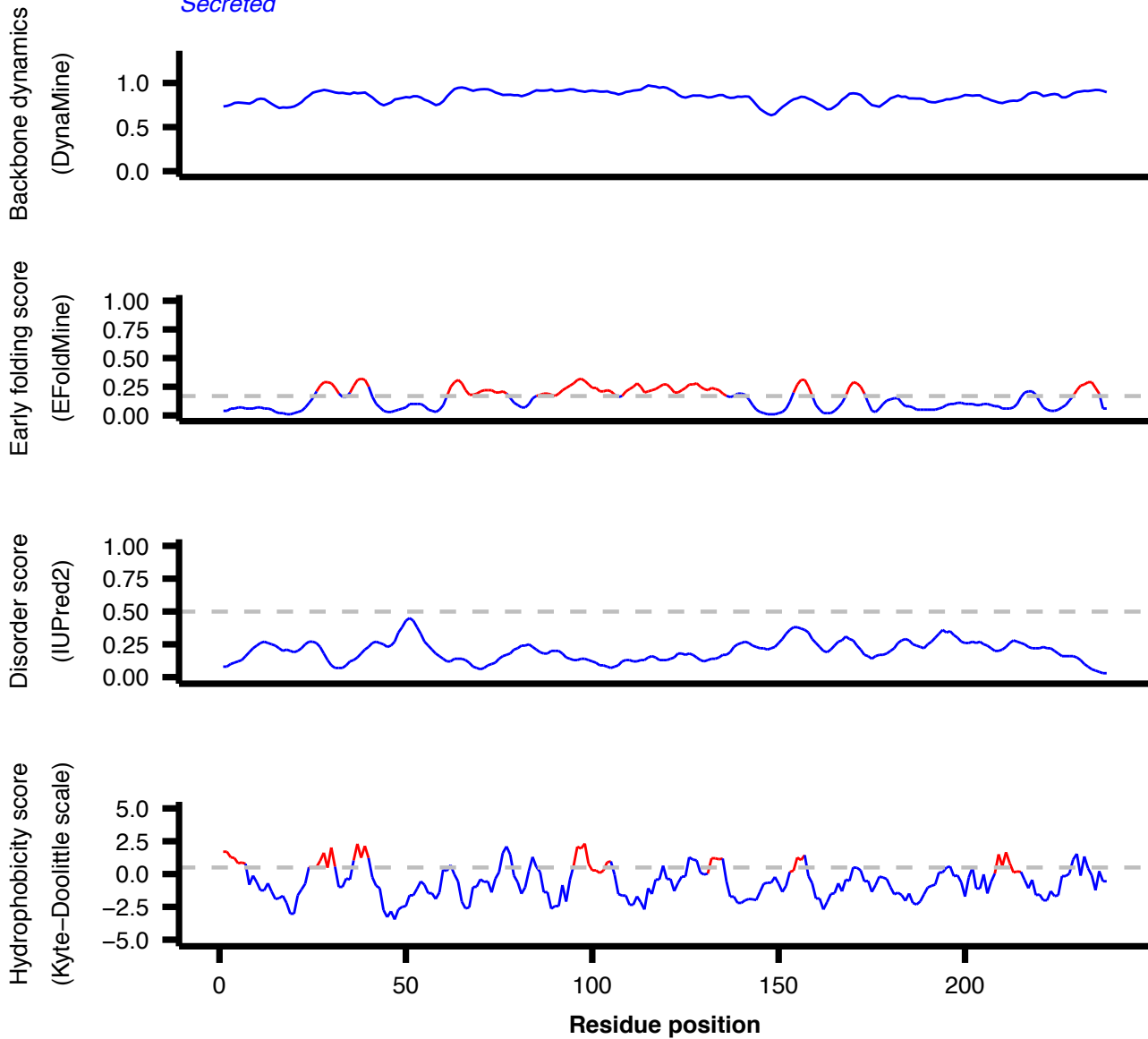
# P75694 (YAH0\_ECOLI)

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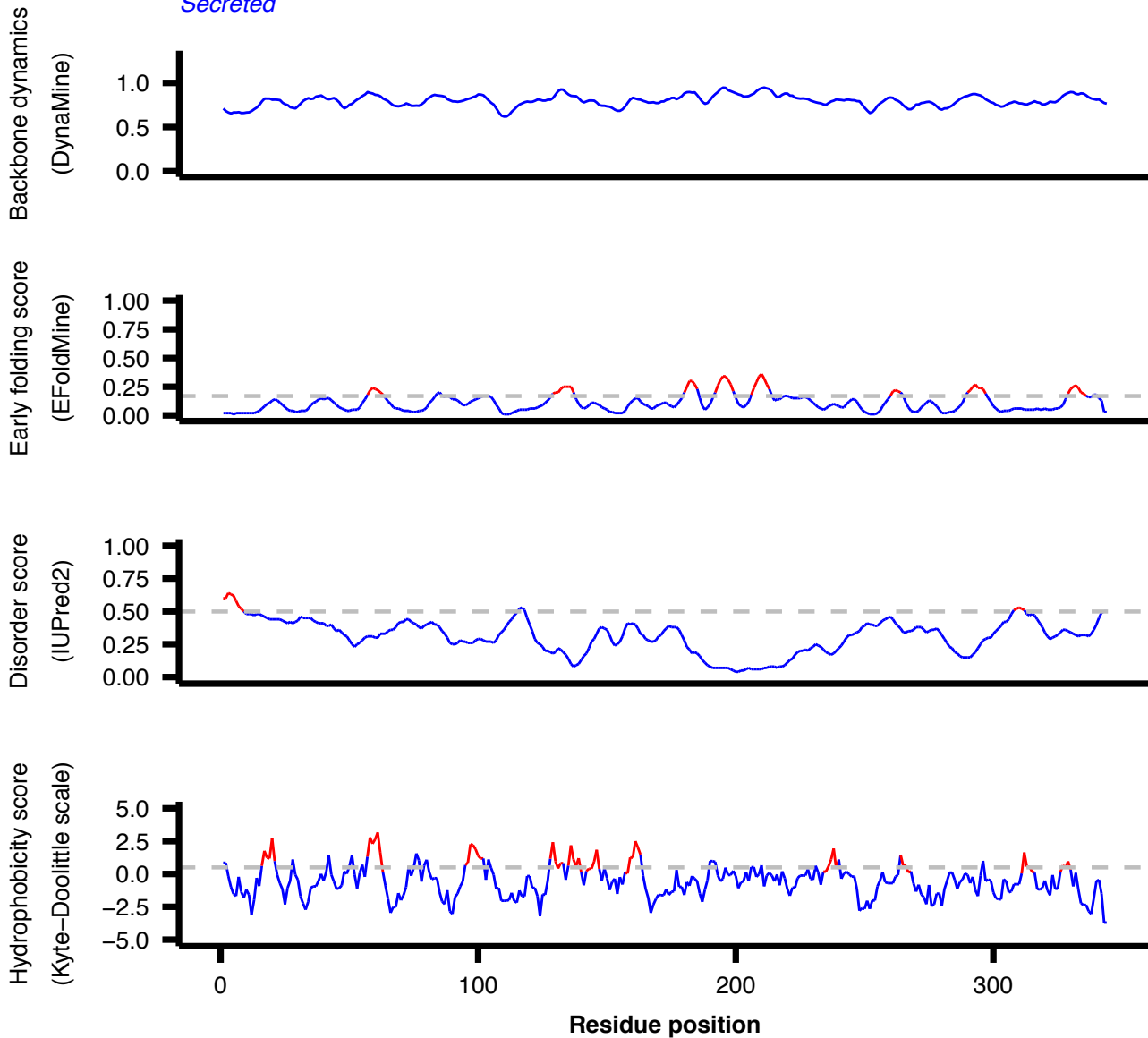
# Q47534 (YAI0\_ECOLI)

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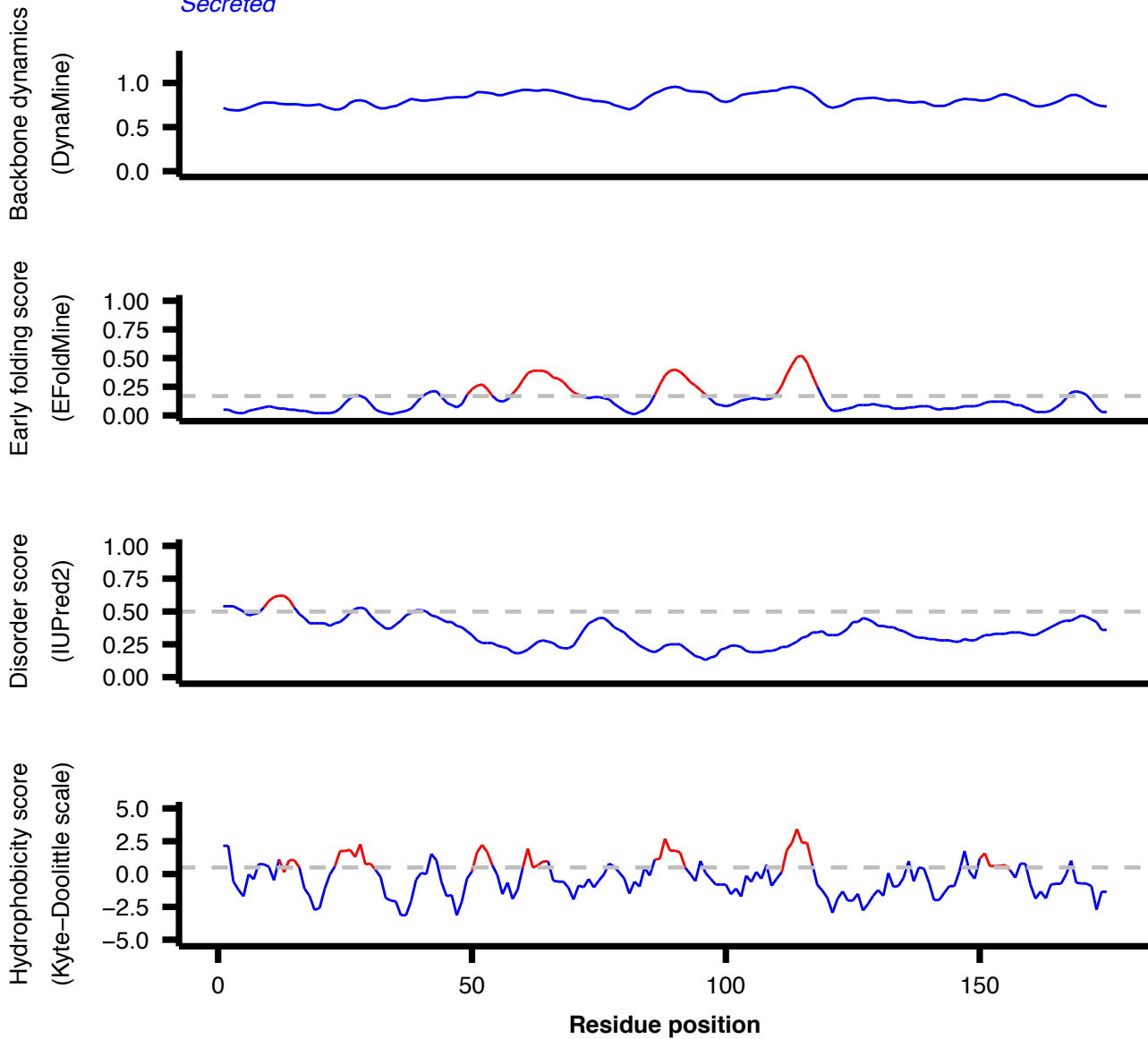
# P77562 (YAIW\_ECOLI)

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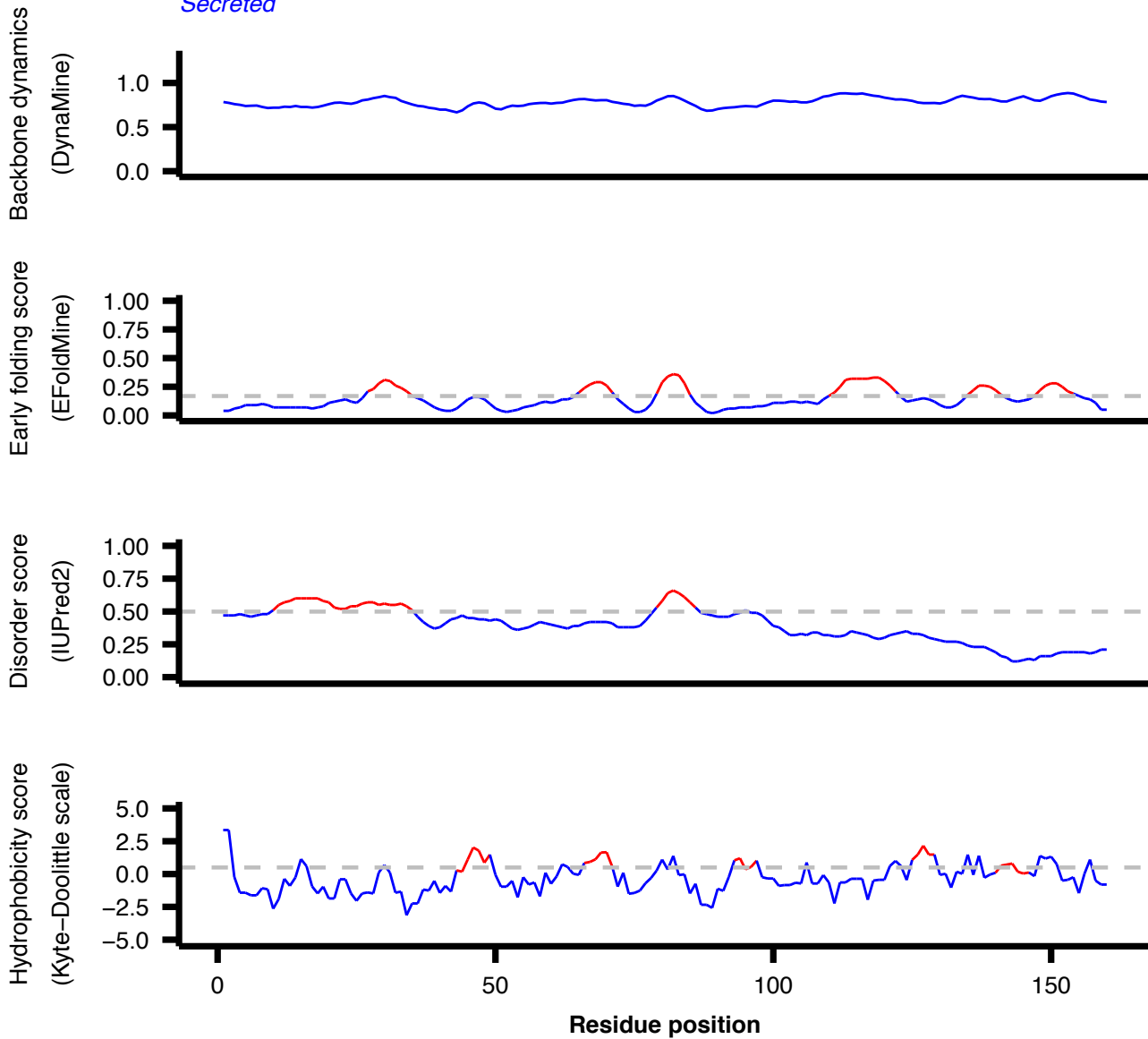
# P0ADA5 (YAJG\_ECOLI)

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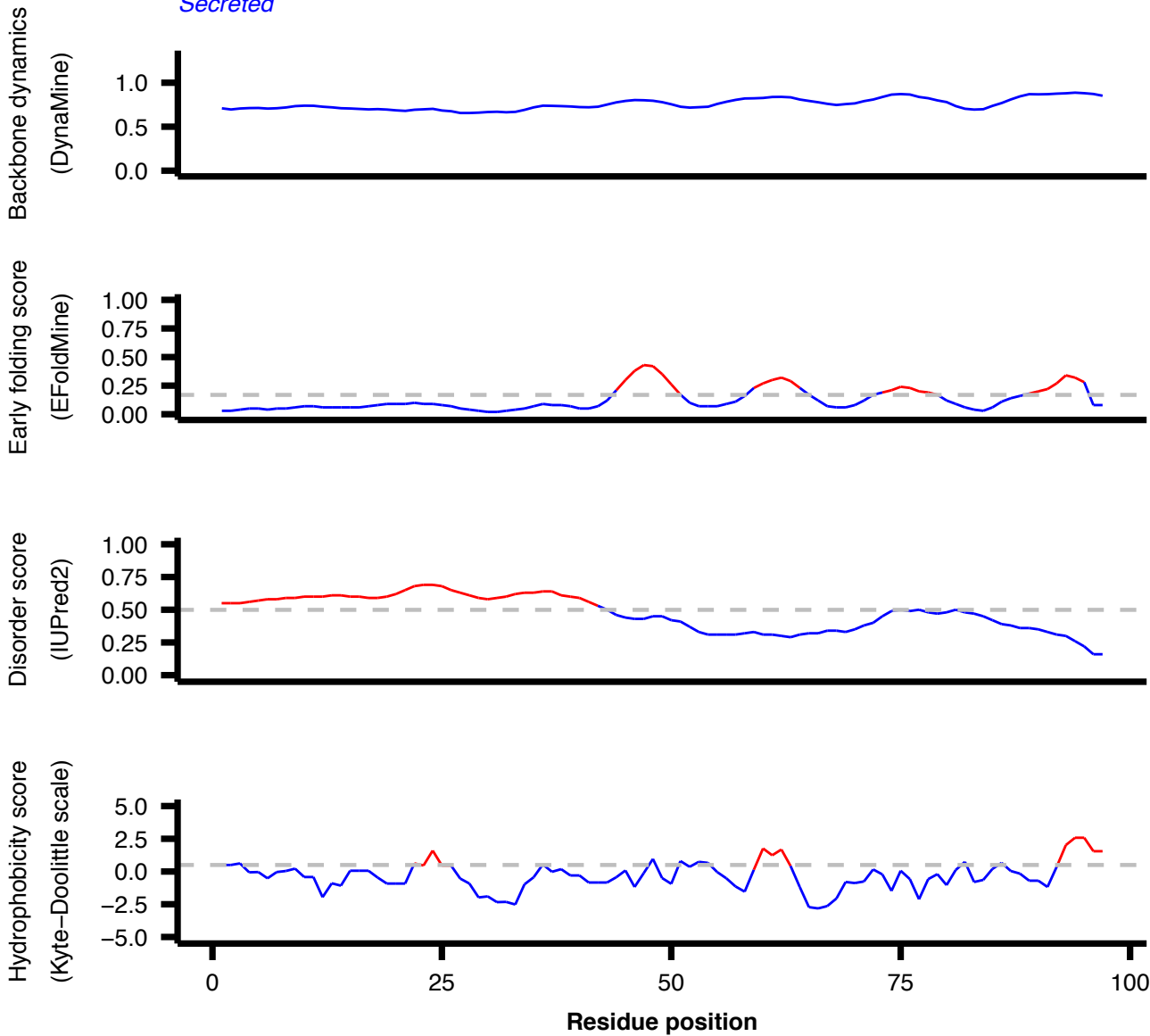
# P46122 (YAJI\_ECOLI)

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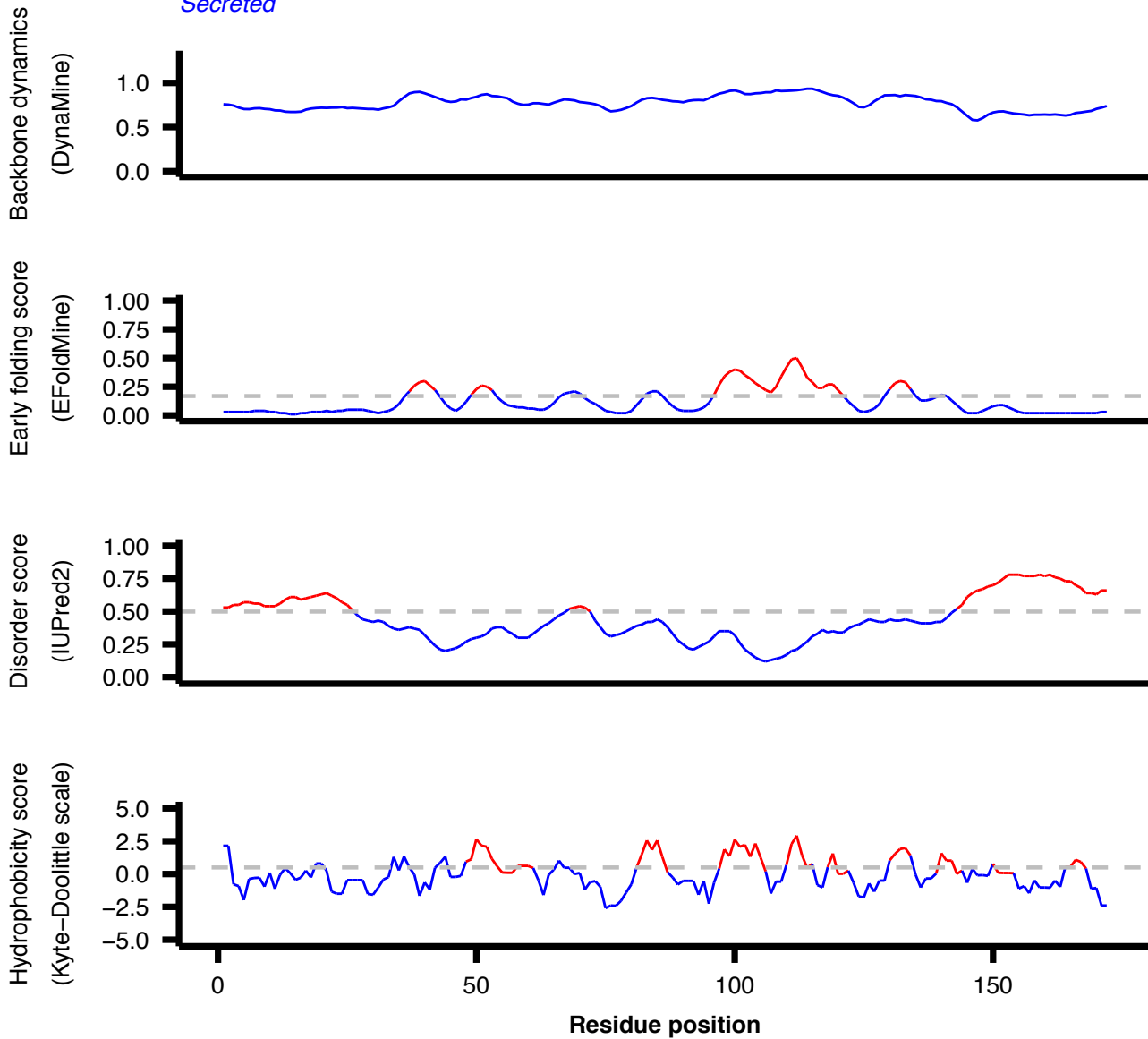
# P0AAR8 (YBAV\_ECOLI)

*Secreted*



# P77717 (YBAY\_ECOLI)

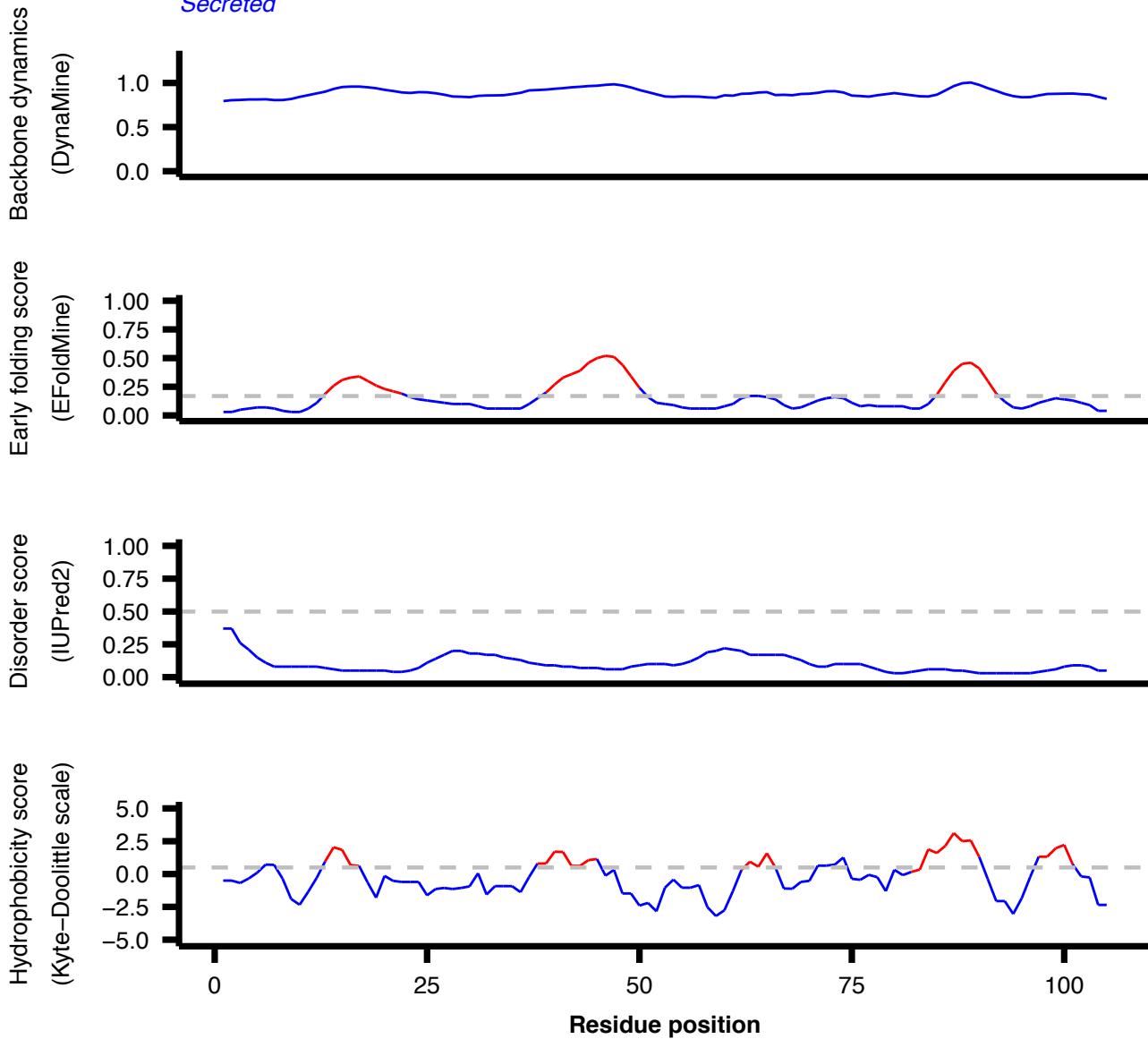
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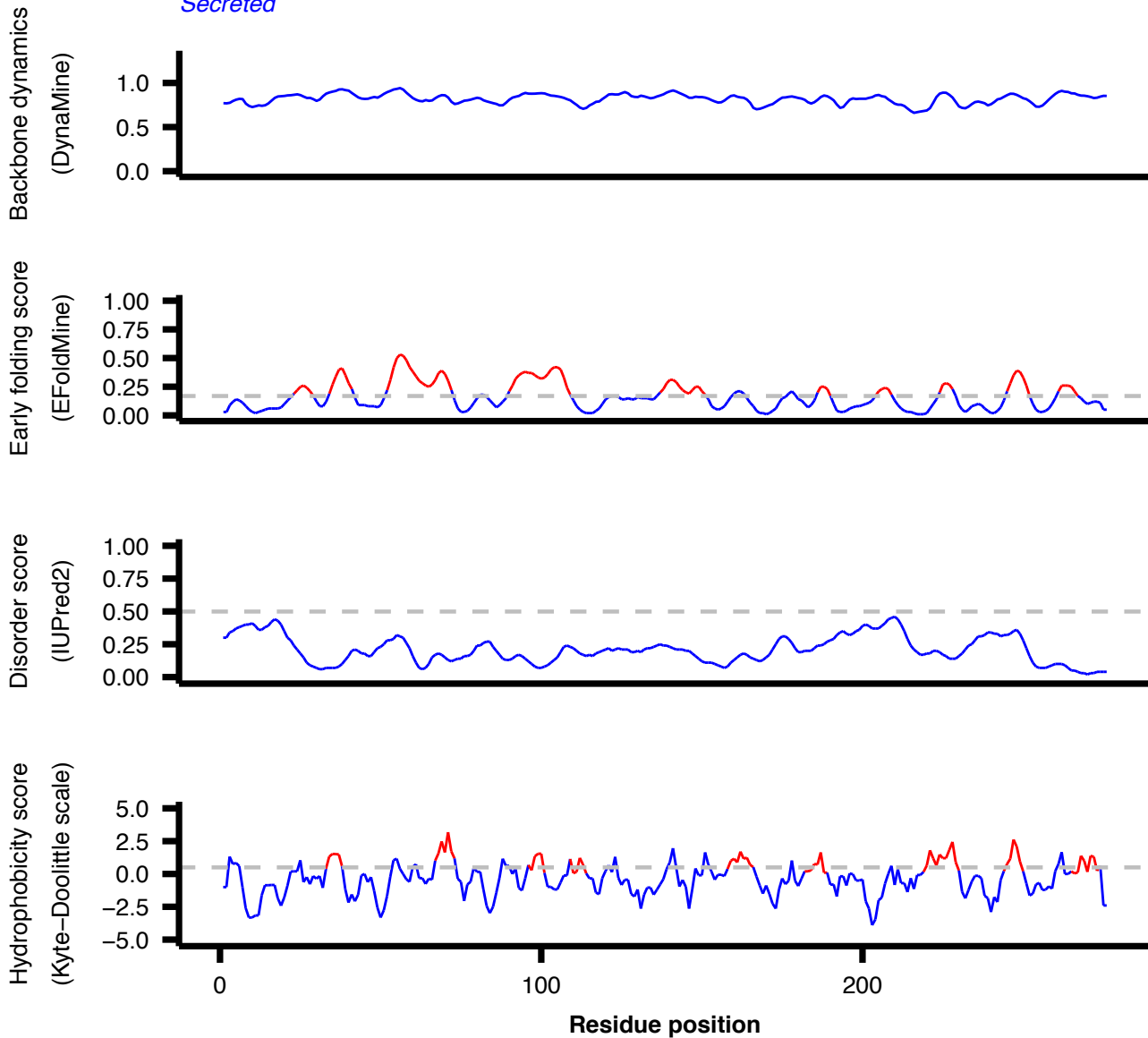
# P33668 (YBBC\_ECOLI)

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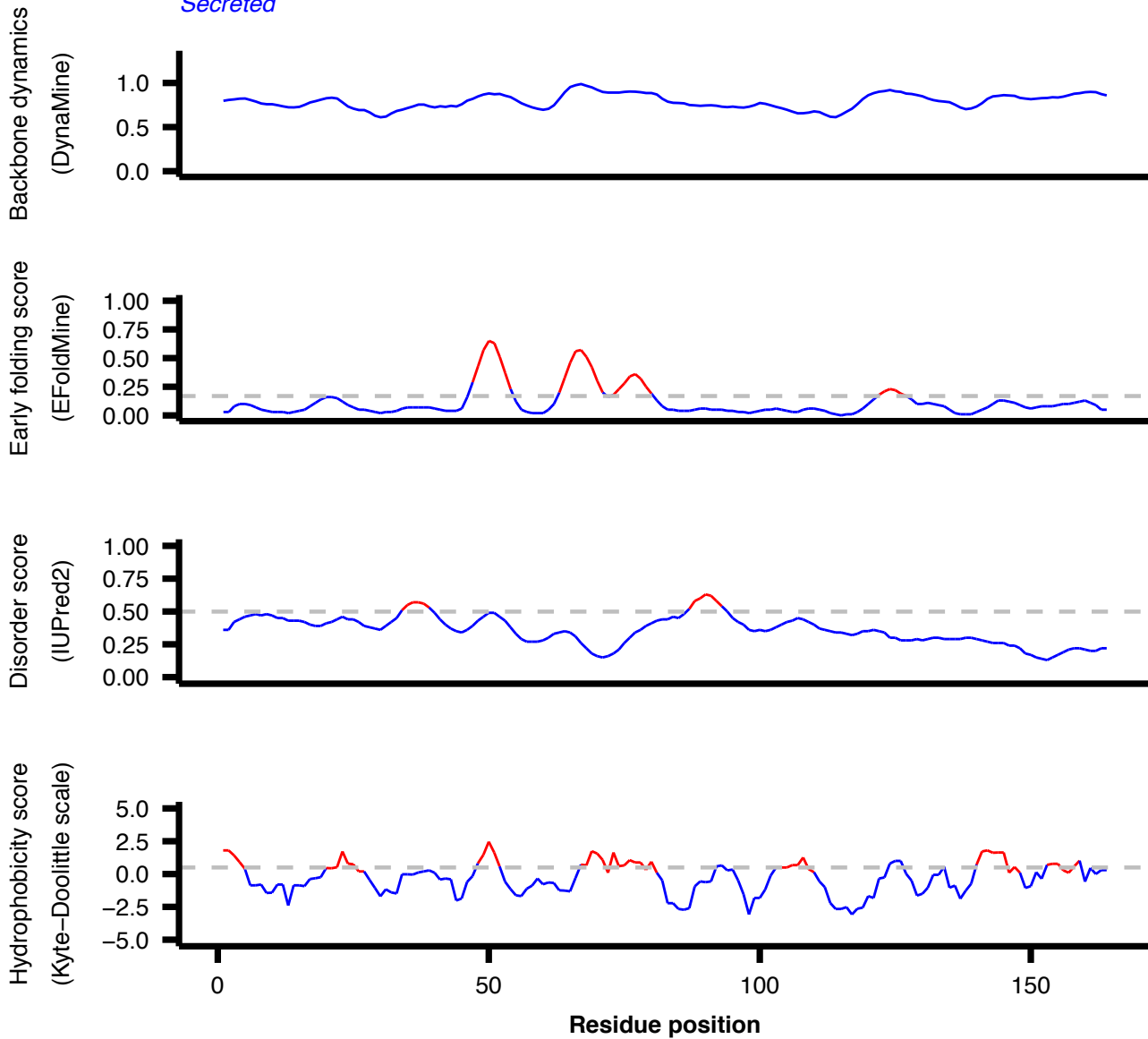
# P37325 (YBCH\_ECOLI)

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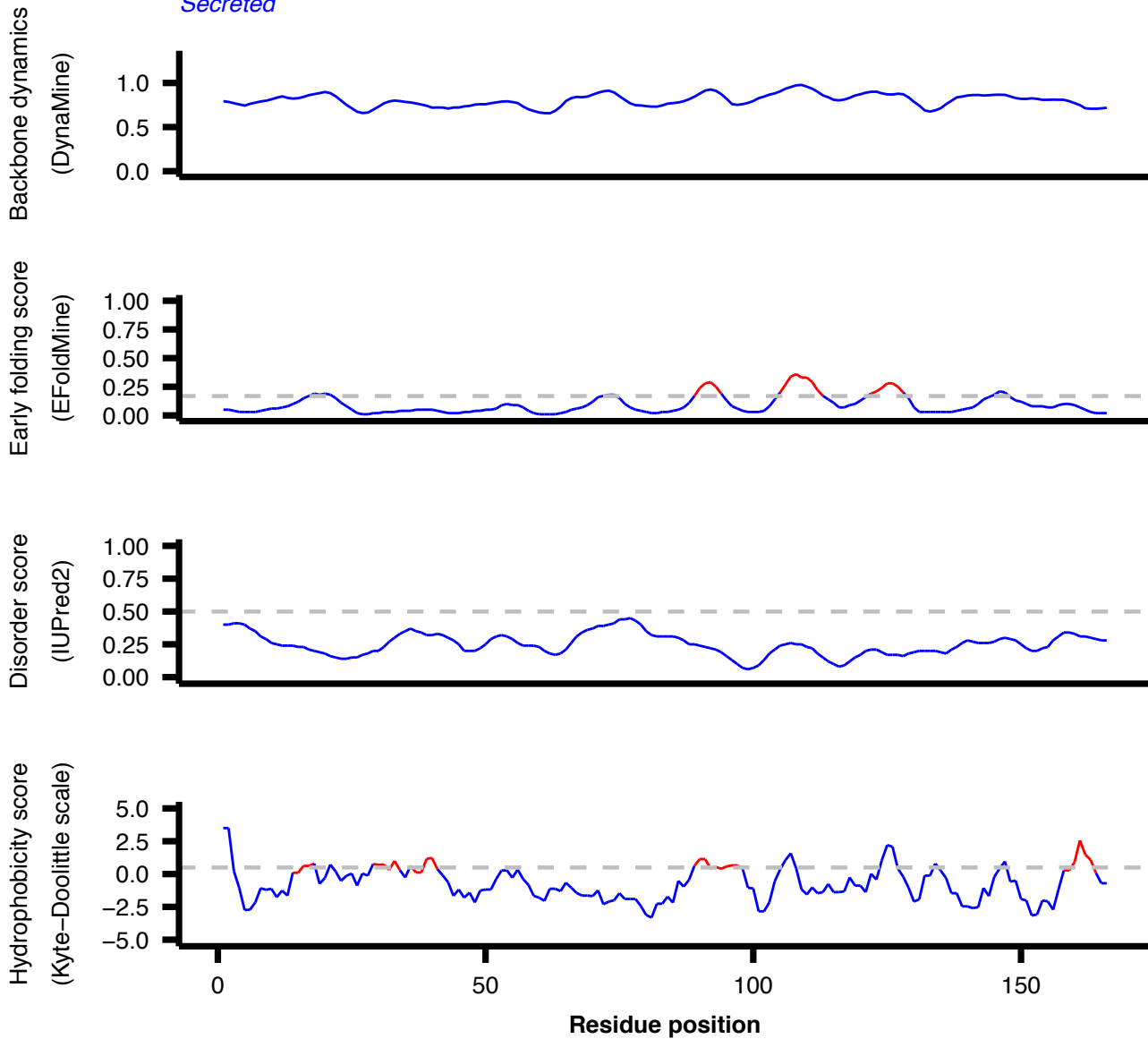
# P77368 (YBCL\_ECOLI)

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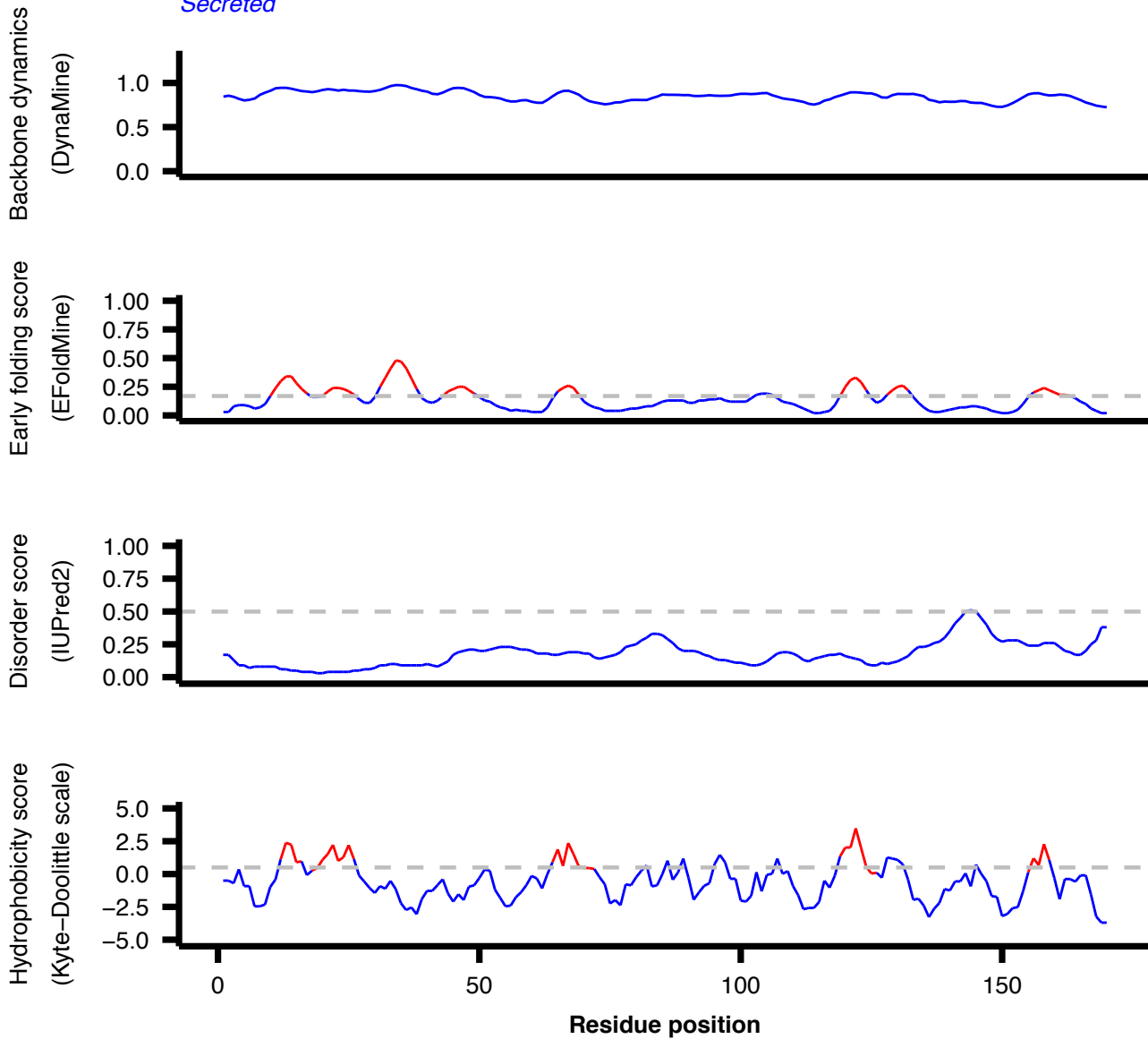
# P77296 (YBET\_ECOLI)

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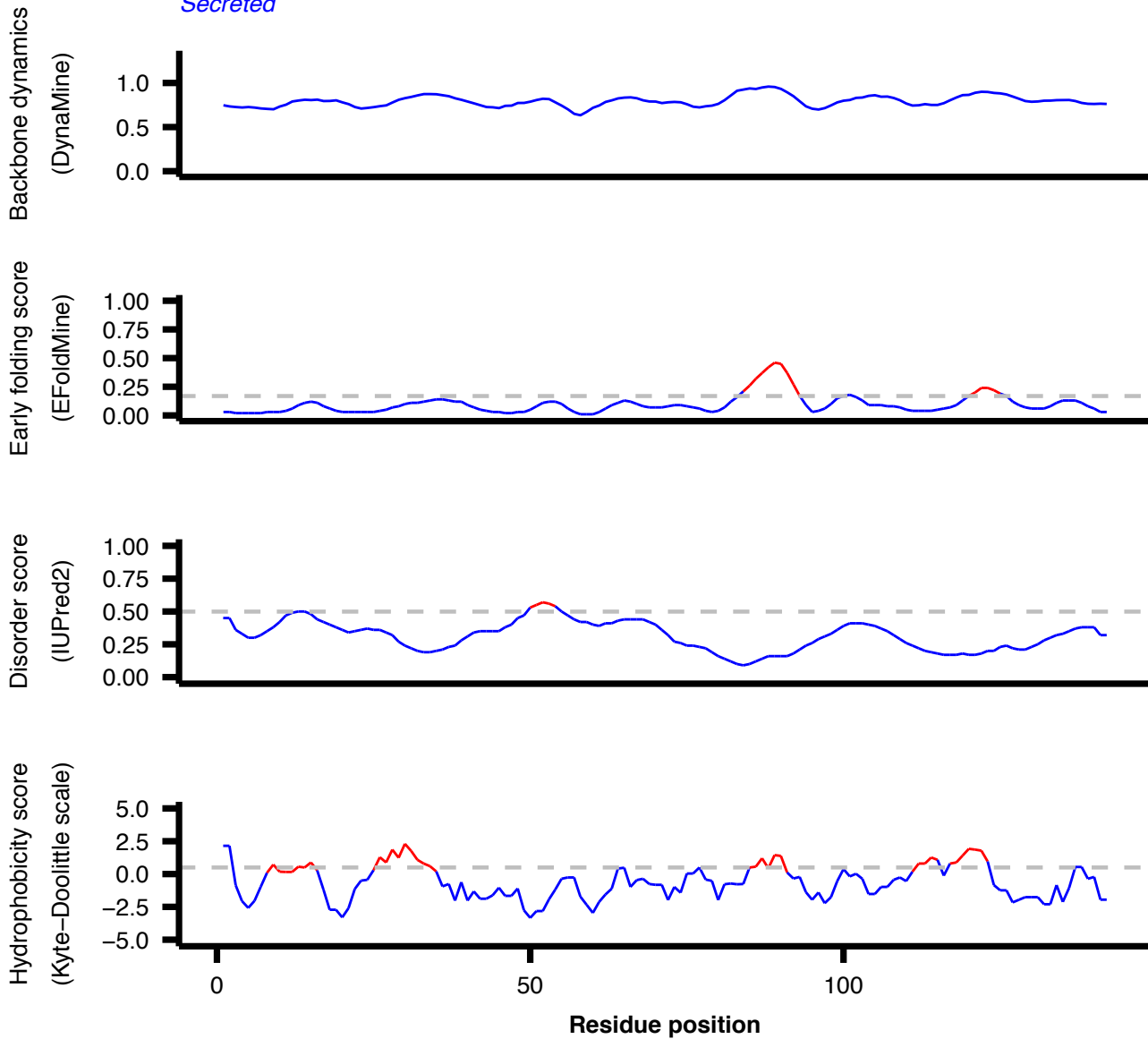
# P28915 (YBFC\_ECOLI)

*Secreted*



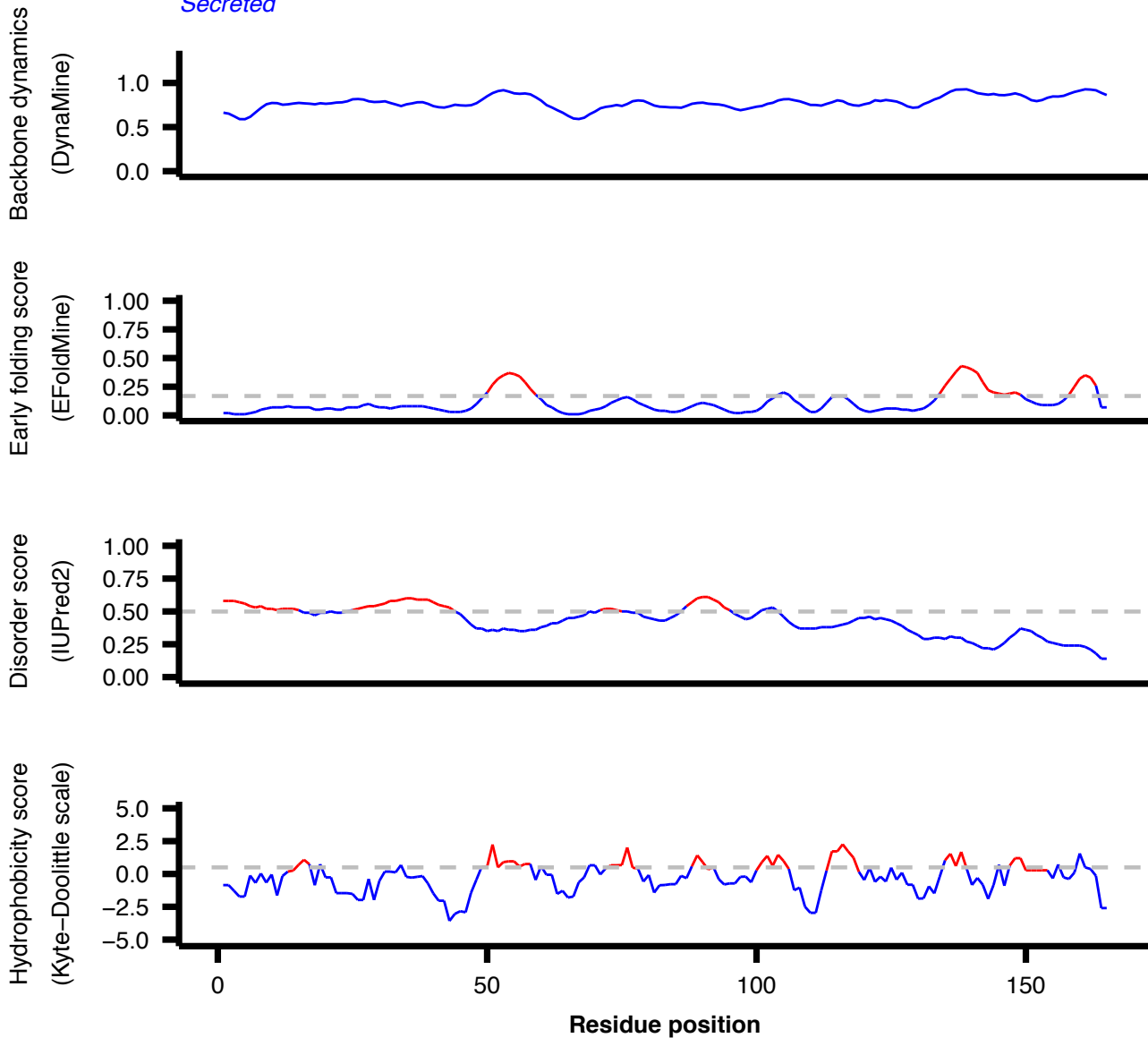
# P75737 (YBFP\_ECOLI)

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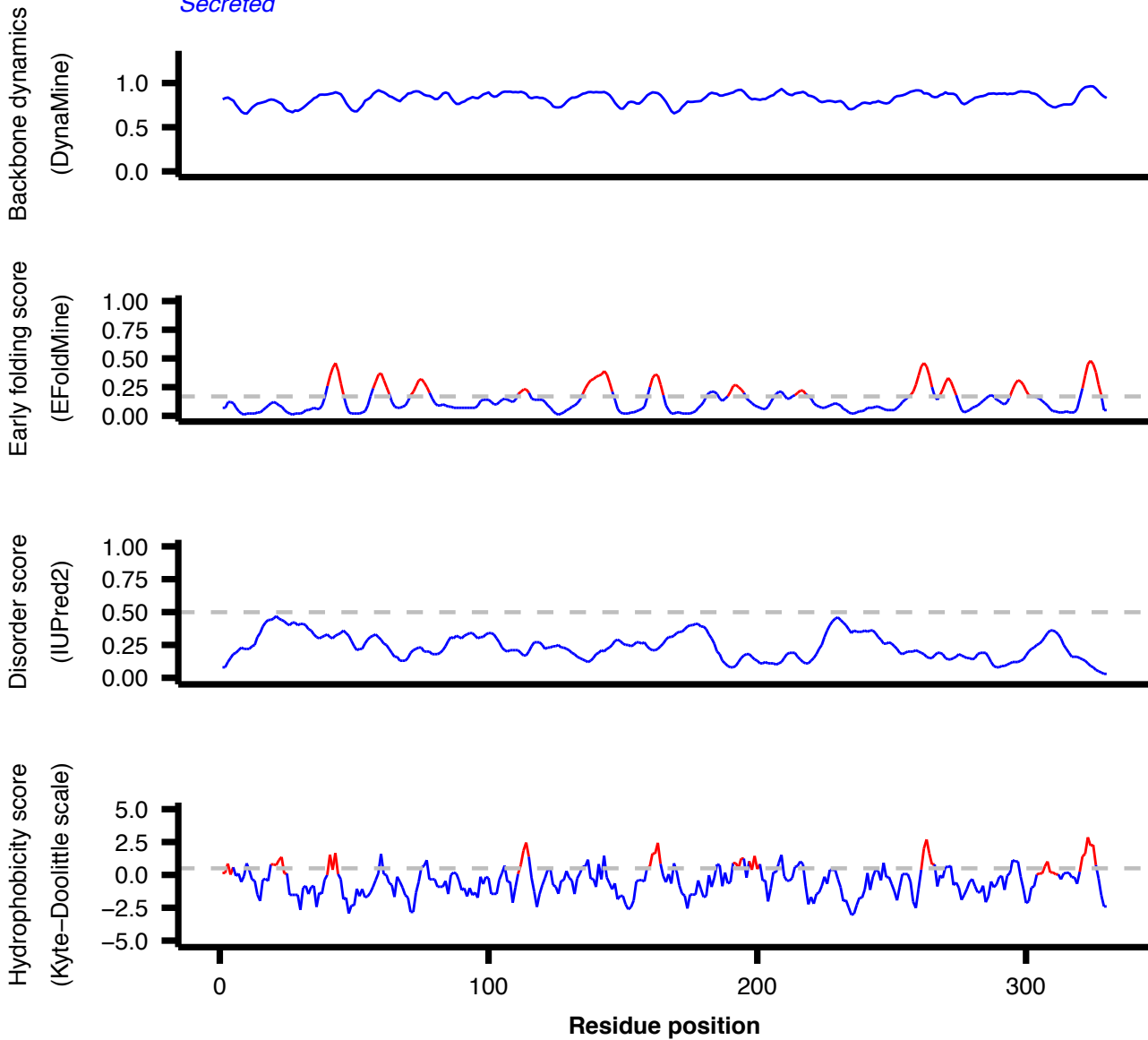
# P37909 (YBGD\_ECOLI)

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# P75748 (YBGO\_ECOLI)

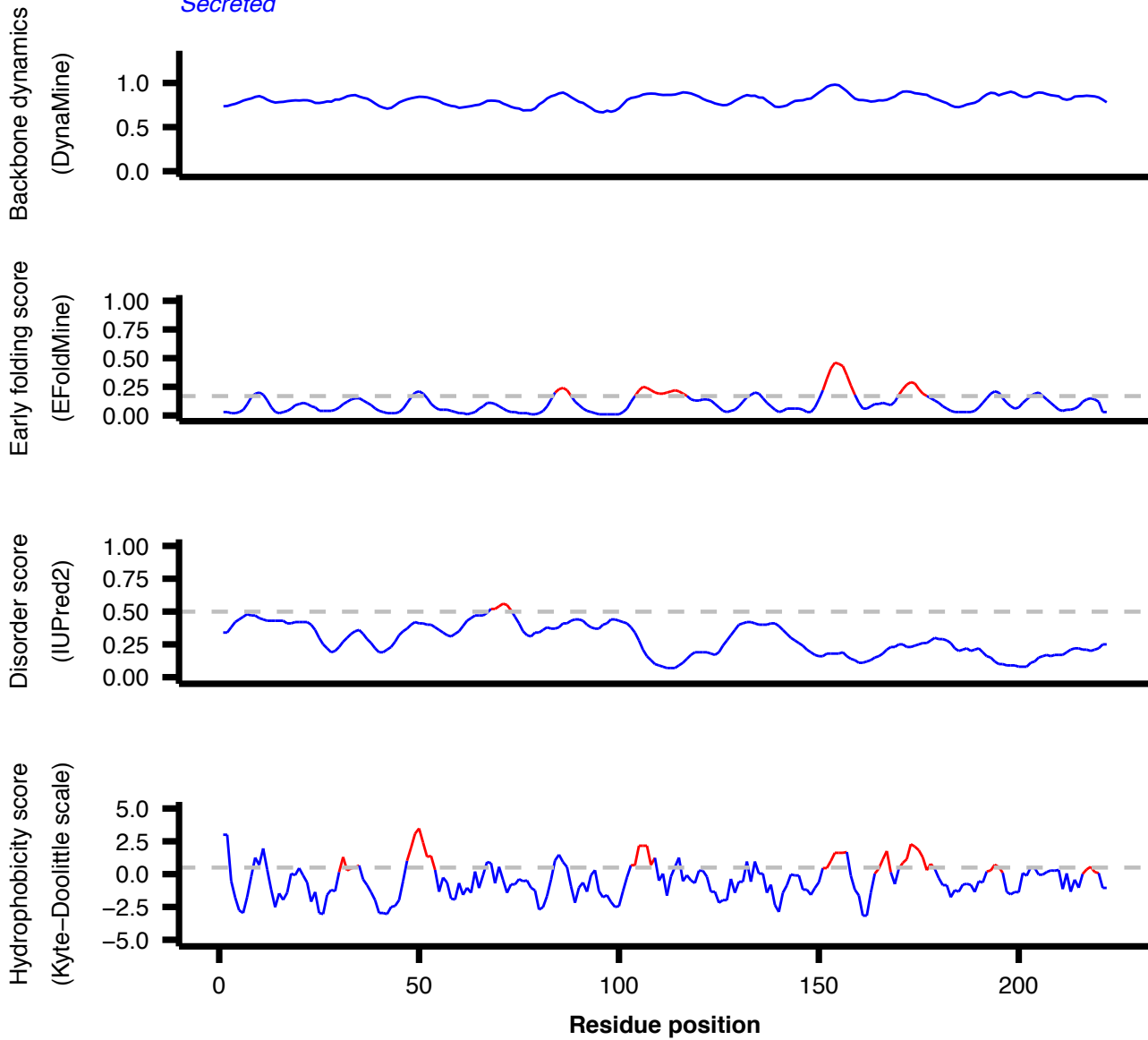
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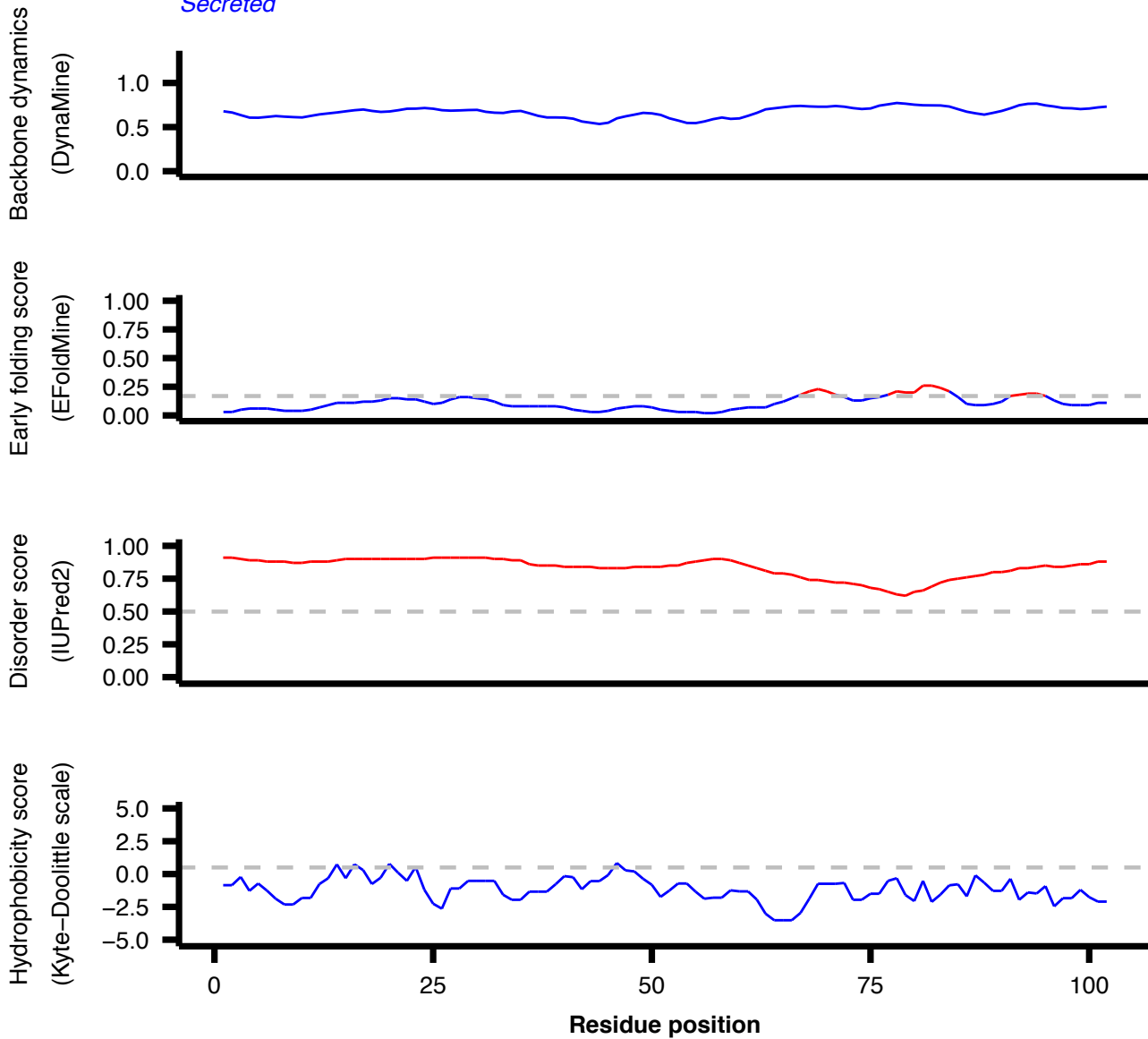
# P75749 (YBGP\_ECOLI)

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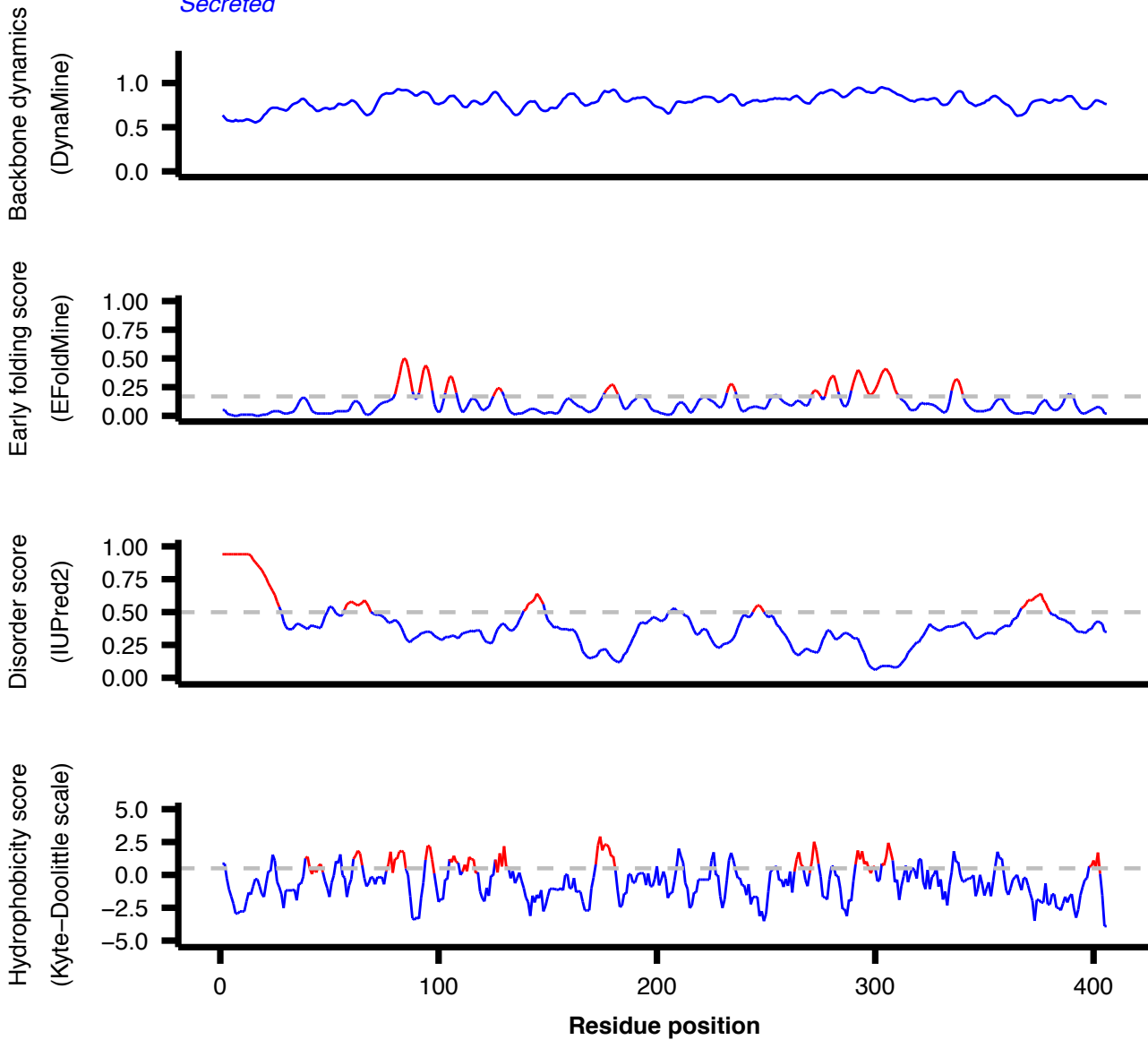
# P0AAV6 (YBGS\_ECOLI)

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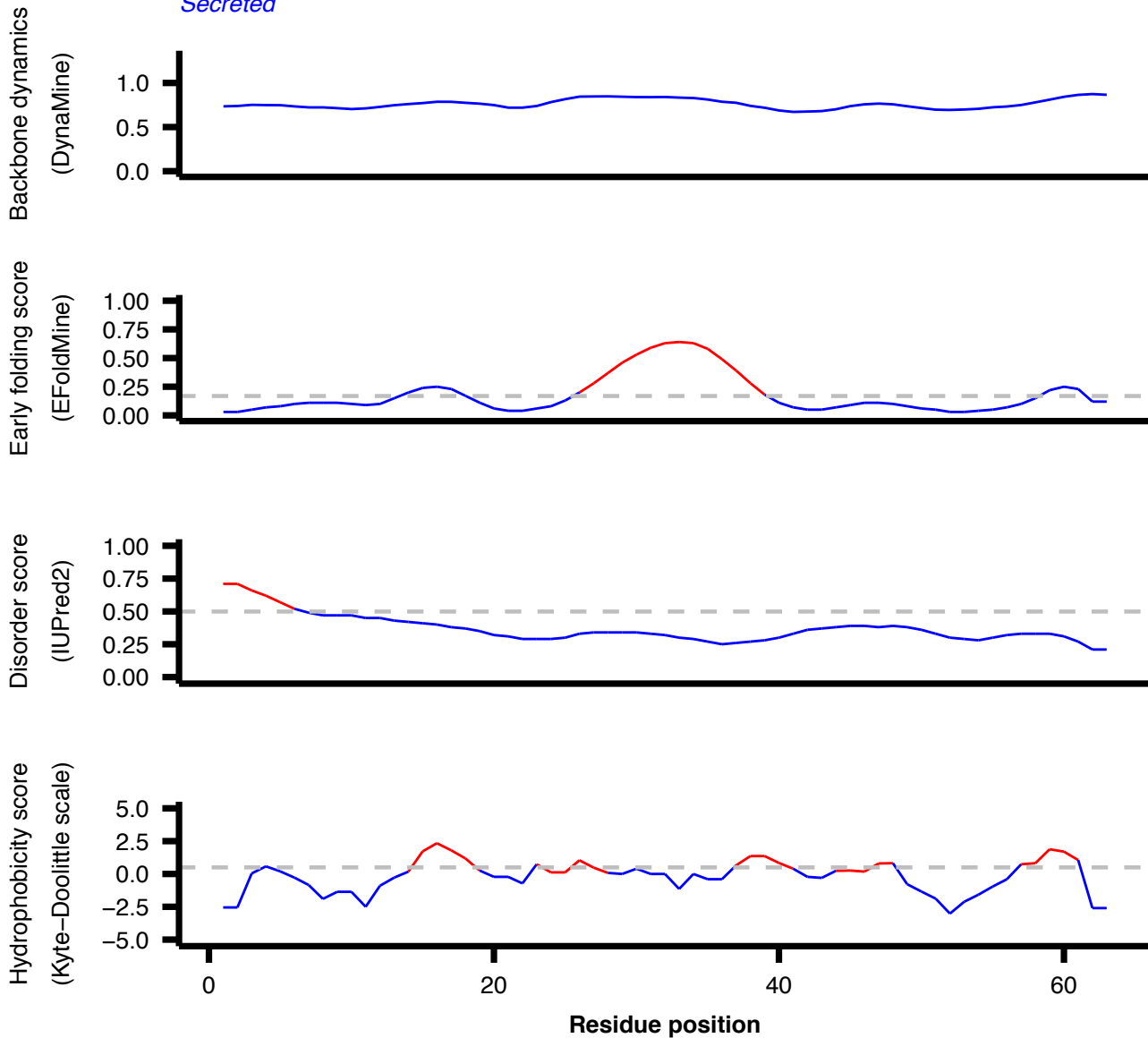
# P46130 (YBHC\_ECOLI)

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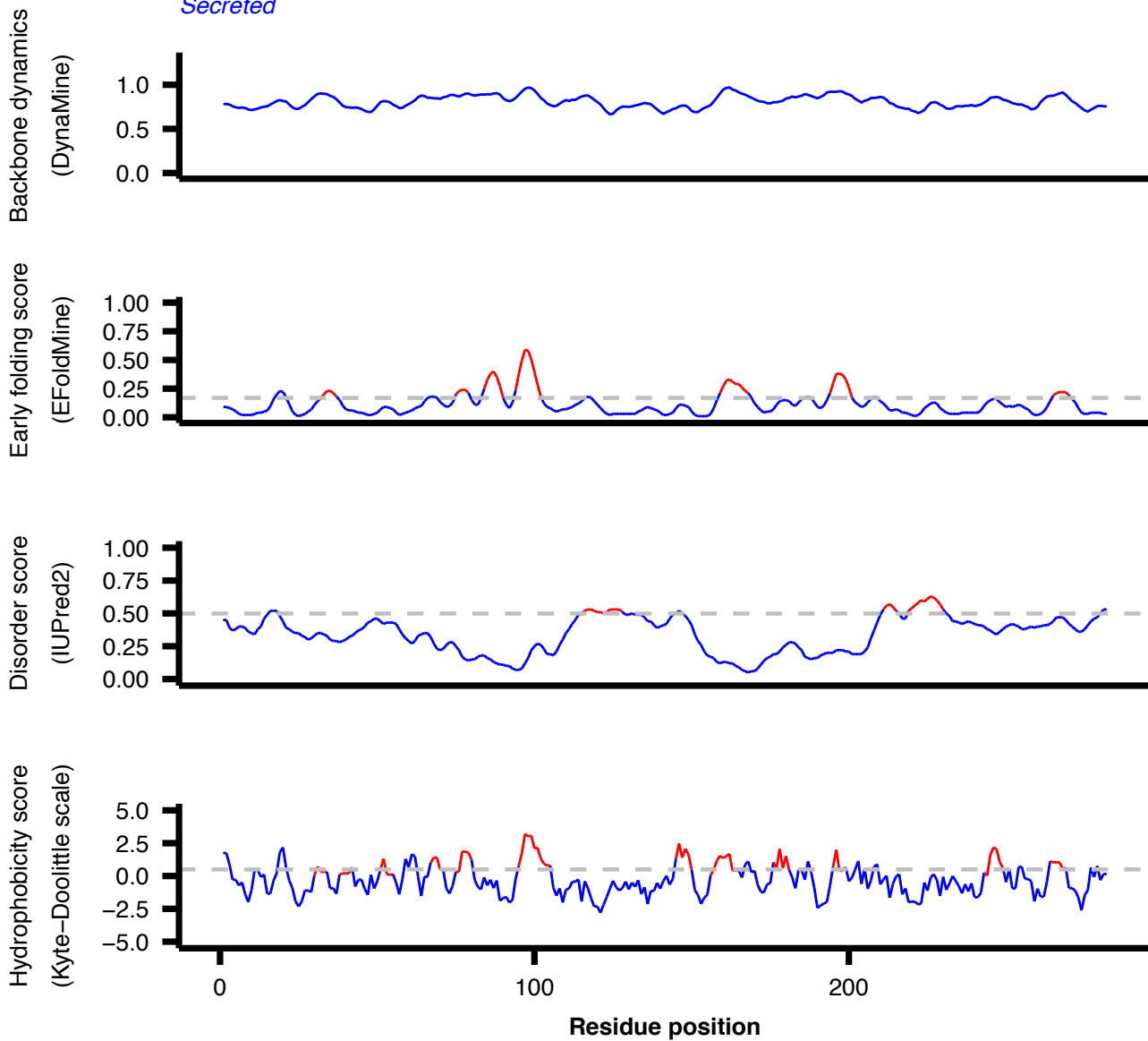
# P0AAX3 (YBIJ\_ECOLI)

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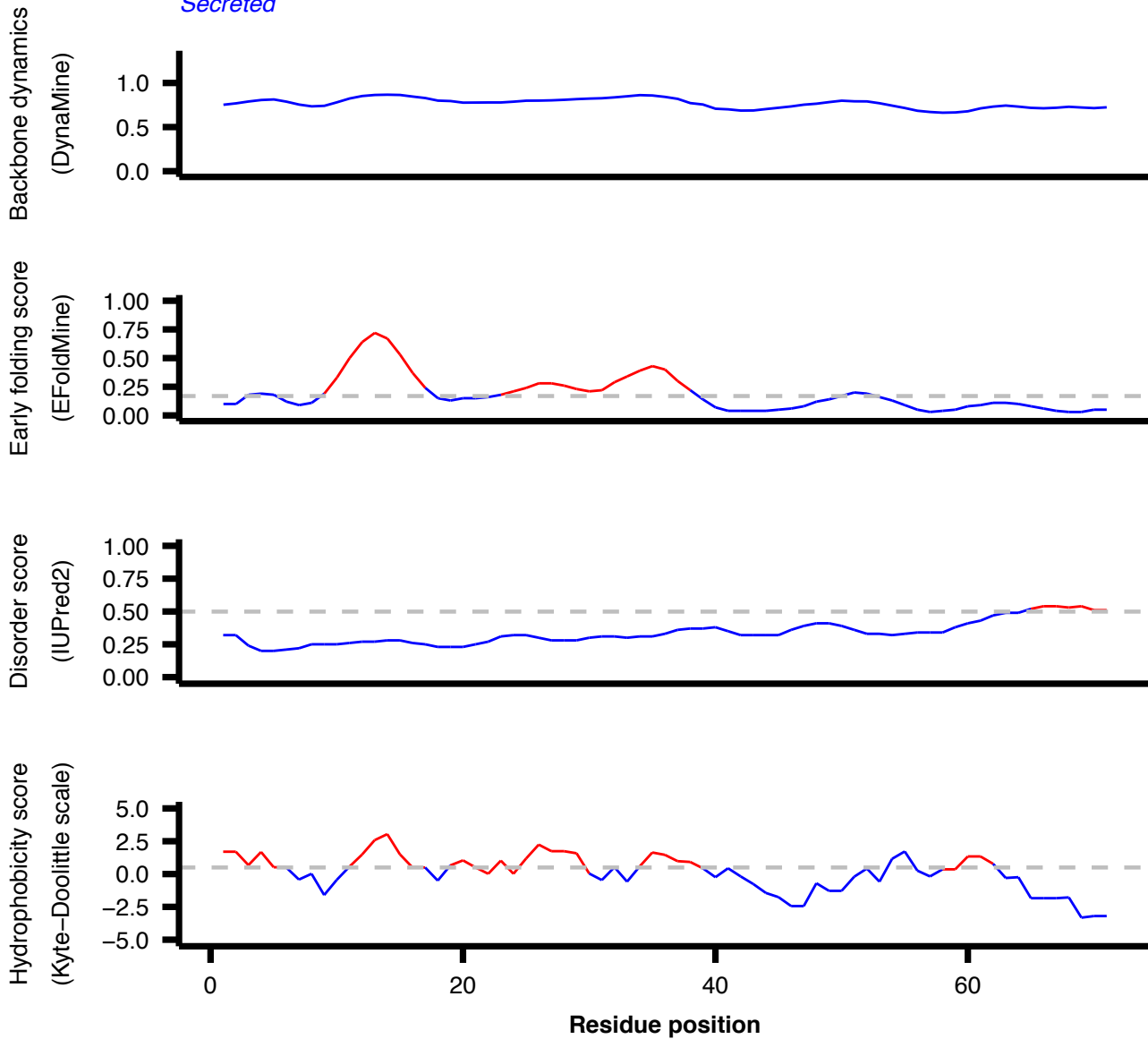
# P0AAX8 (YBIS\_ECOLI)

*Secreted*



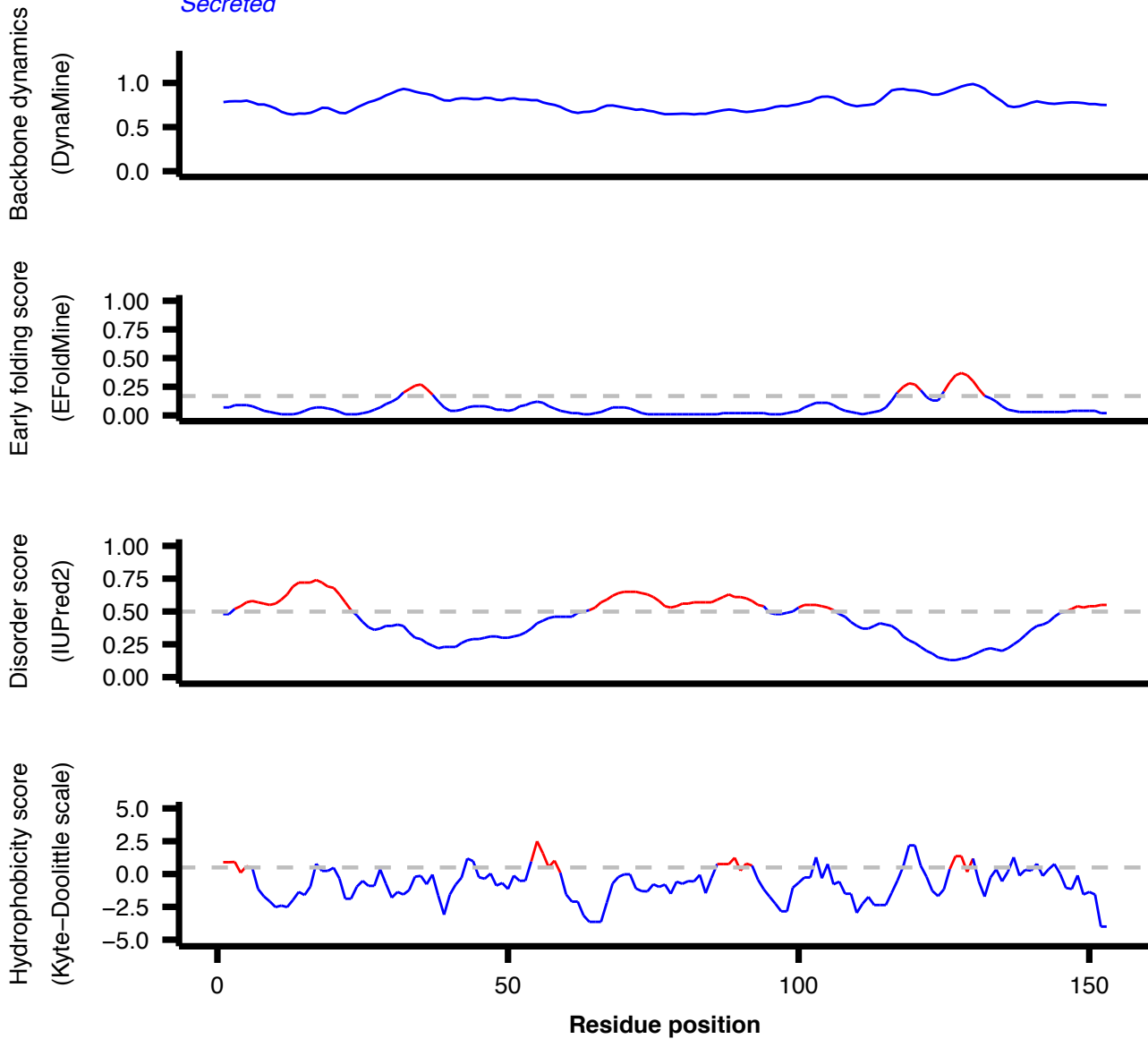
# P0AAY4 (YBJH\_ECOLI)

*Secreted*



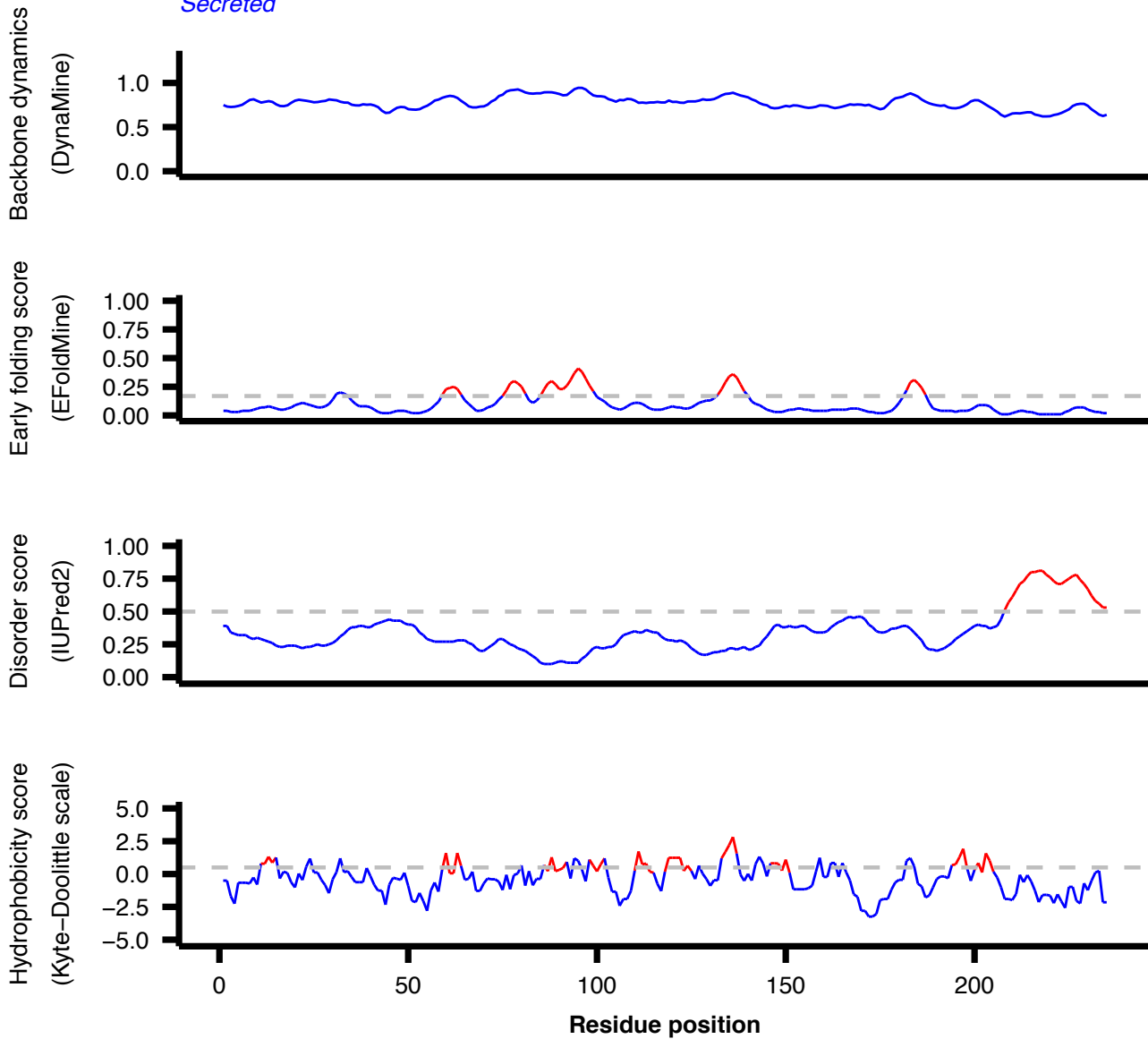
# P75818 (YBJP\_ECOLI)

*Secreted*



# P43674 (YCAL\_ECOLI)

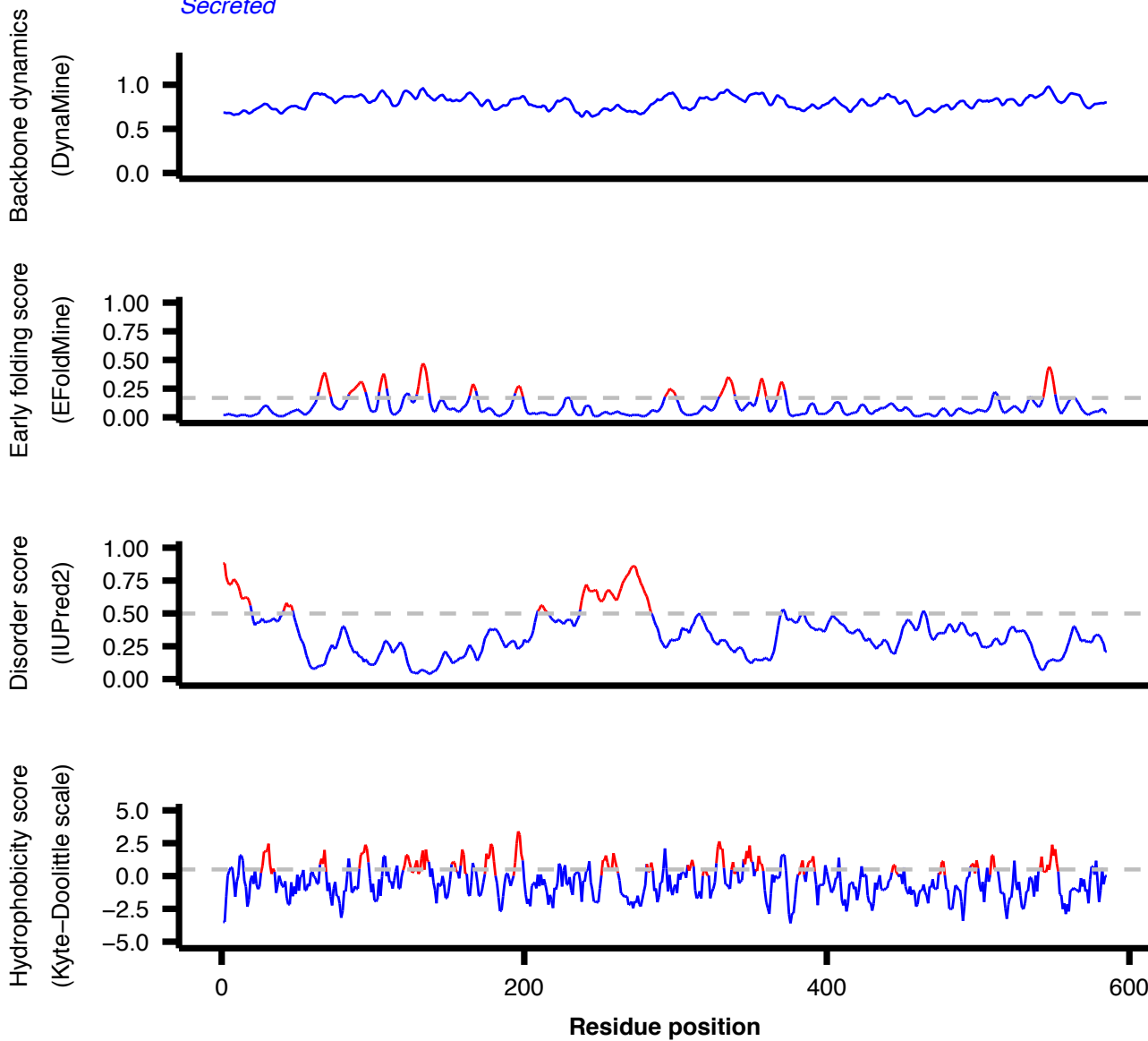
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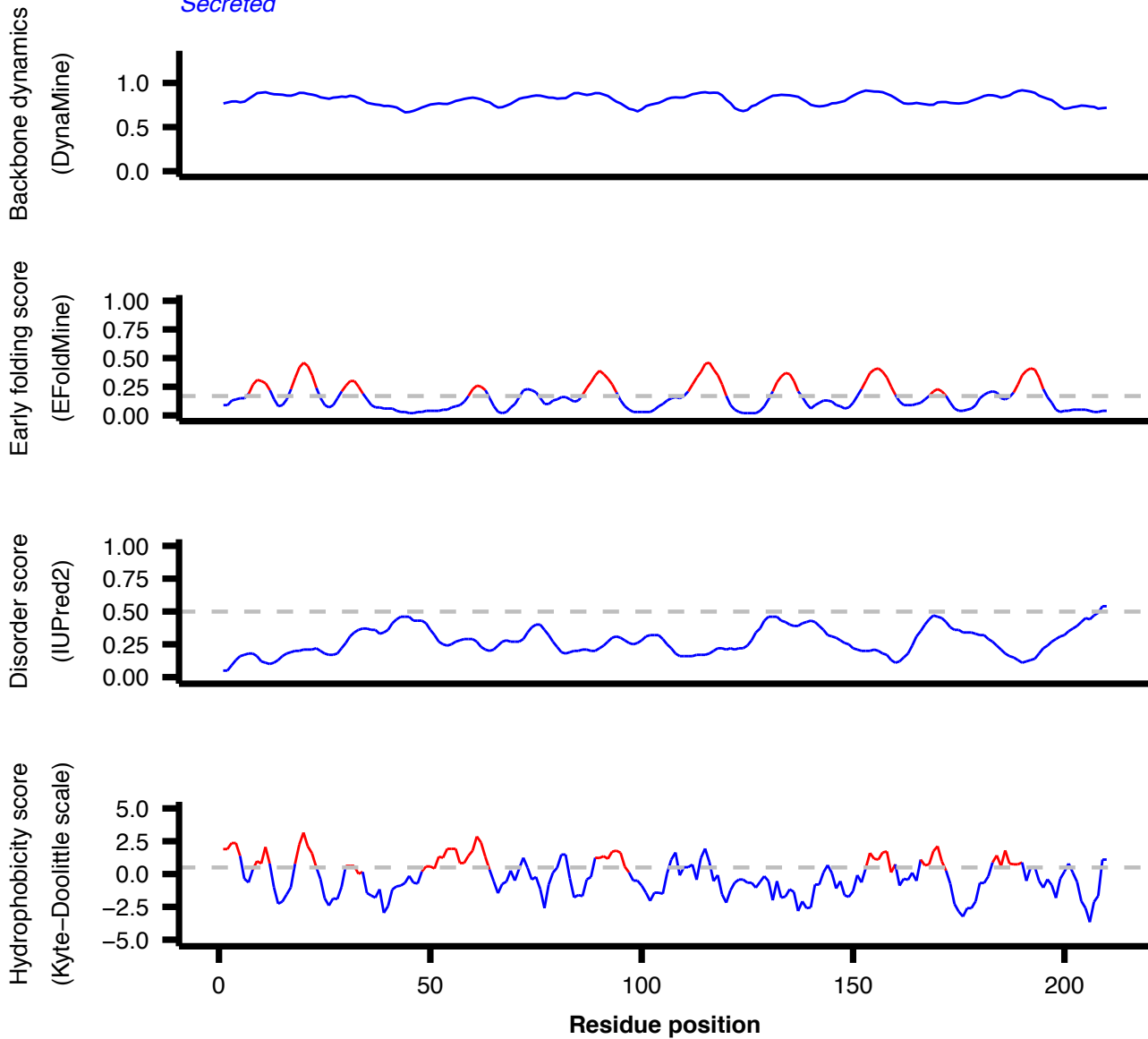
# P22525 (YCBB\_ECOLI)

*Secreted*



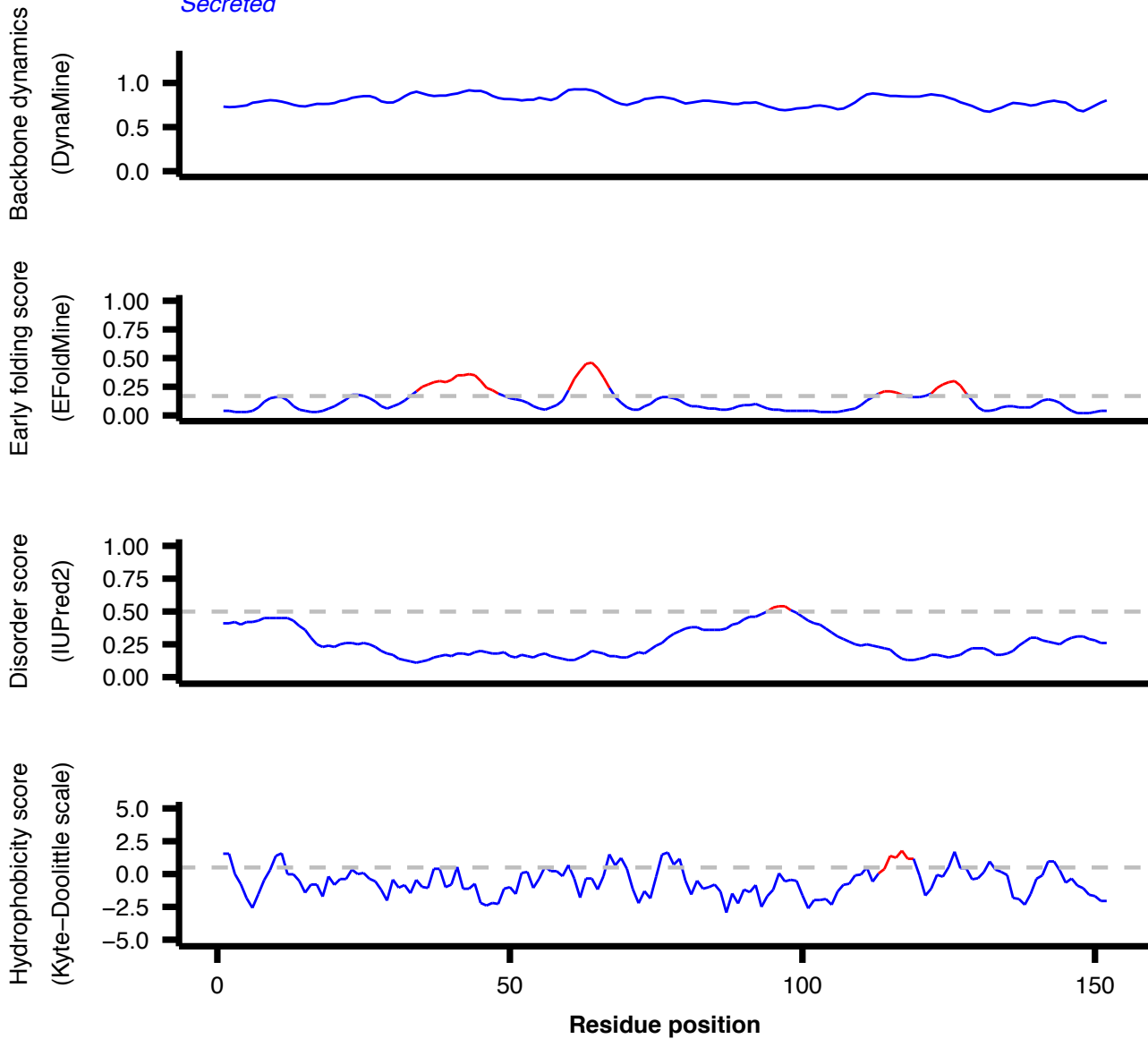
# P40876 (YCBF\_ECOLI)

*Secreted*



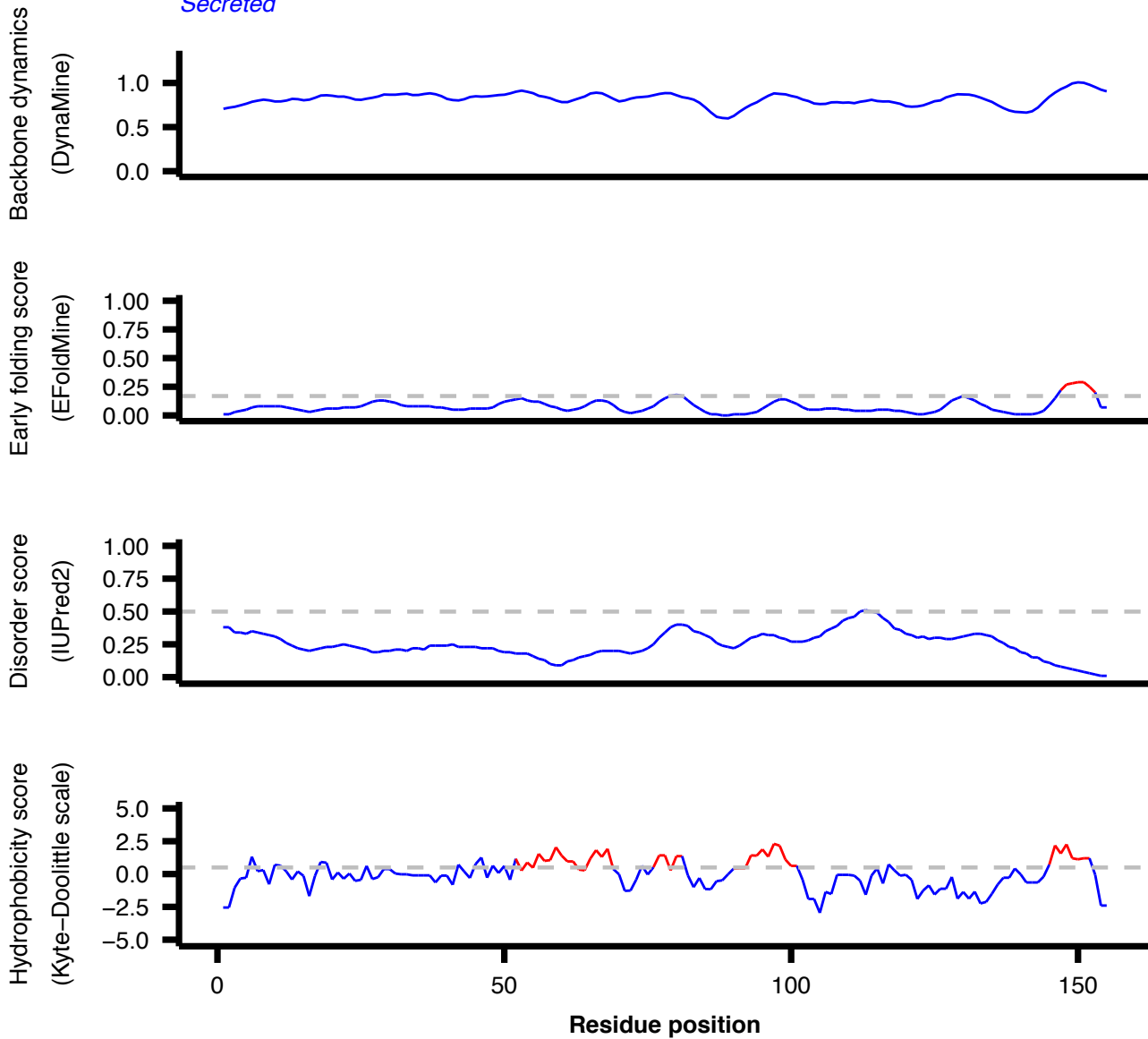
# P0AB06 (YCBK\_ECOLI)

*Secreted*



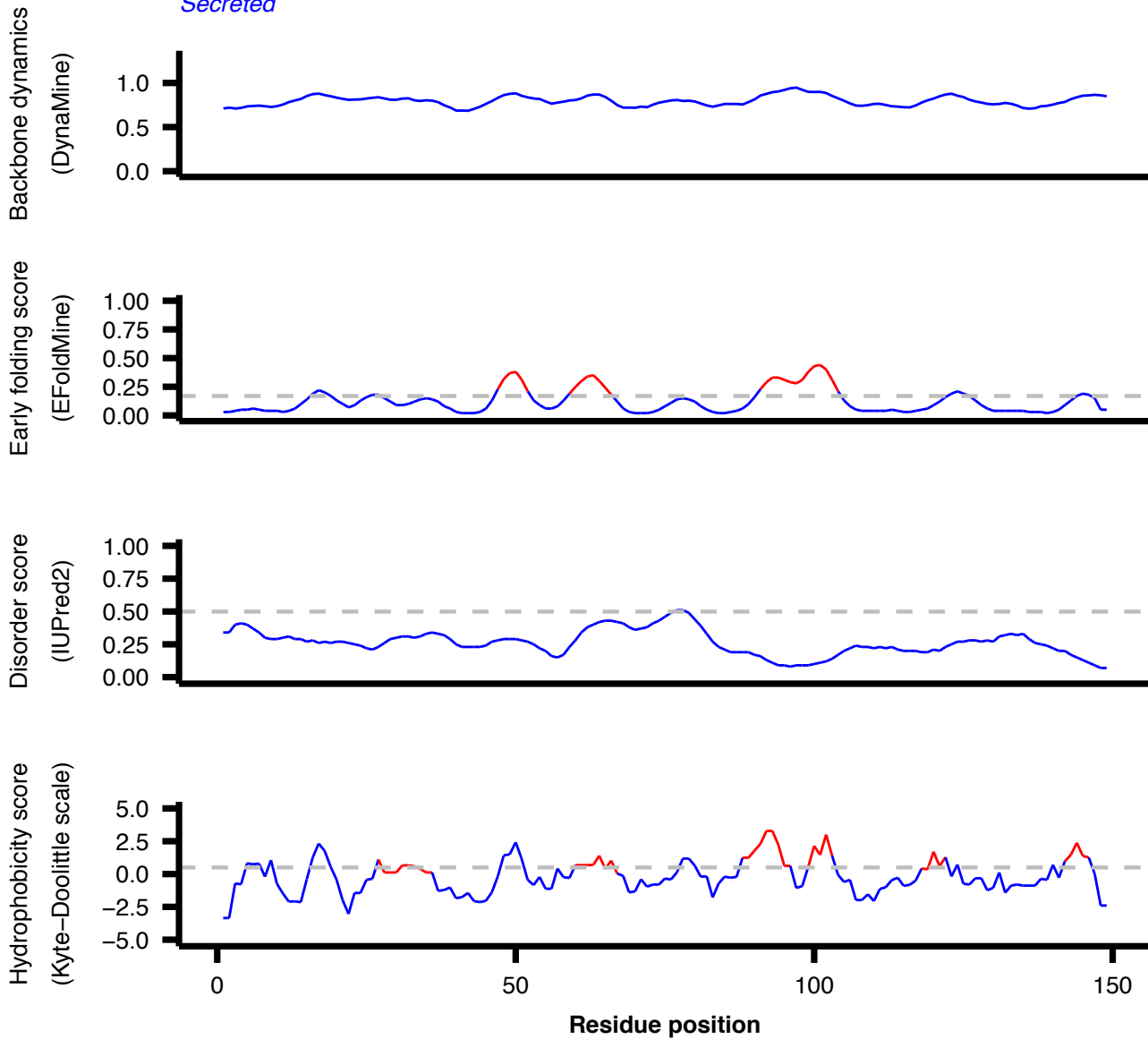
# P75859 (YCBU\_ECOLI)

*Secreted*



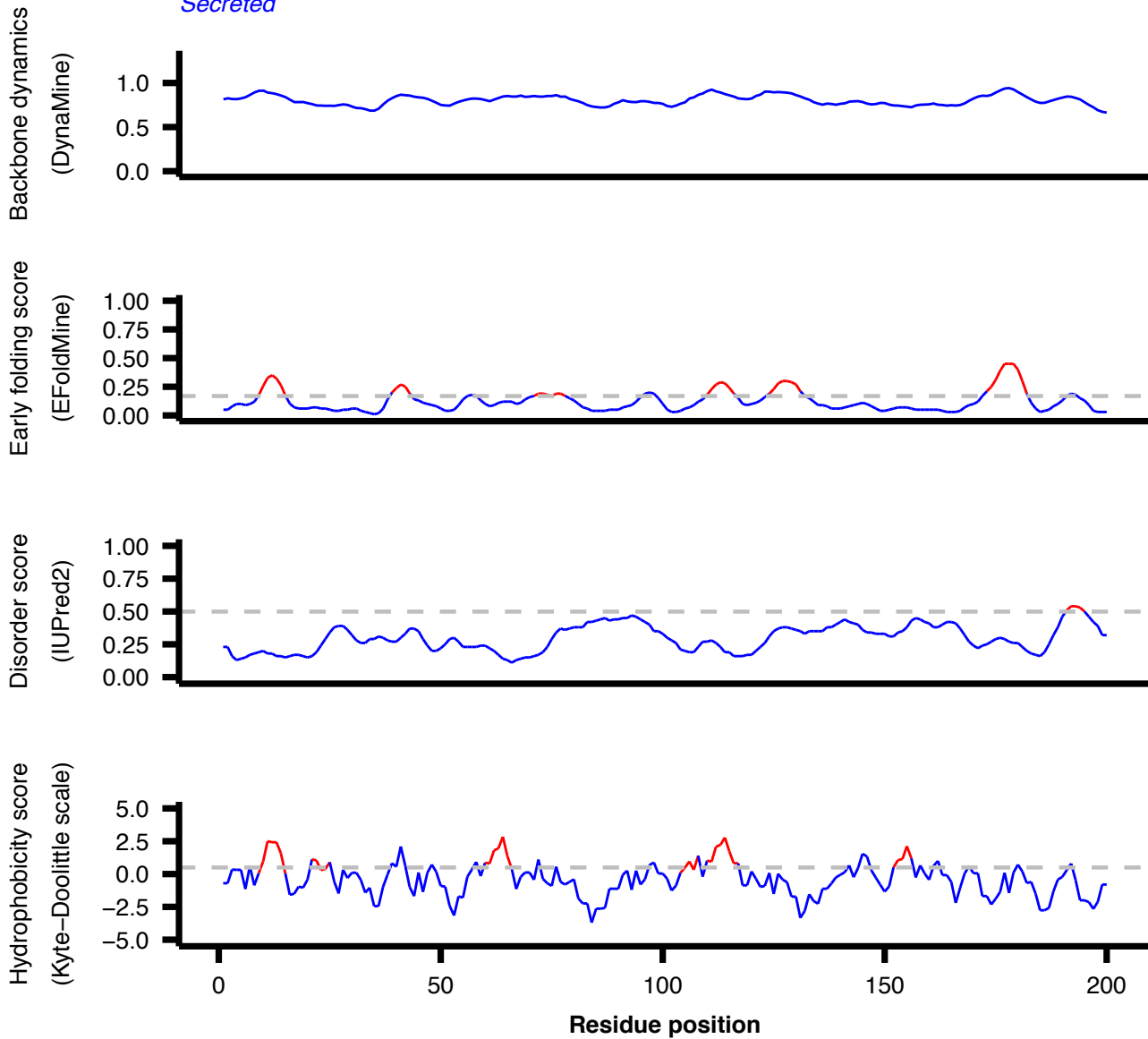
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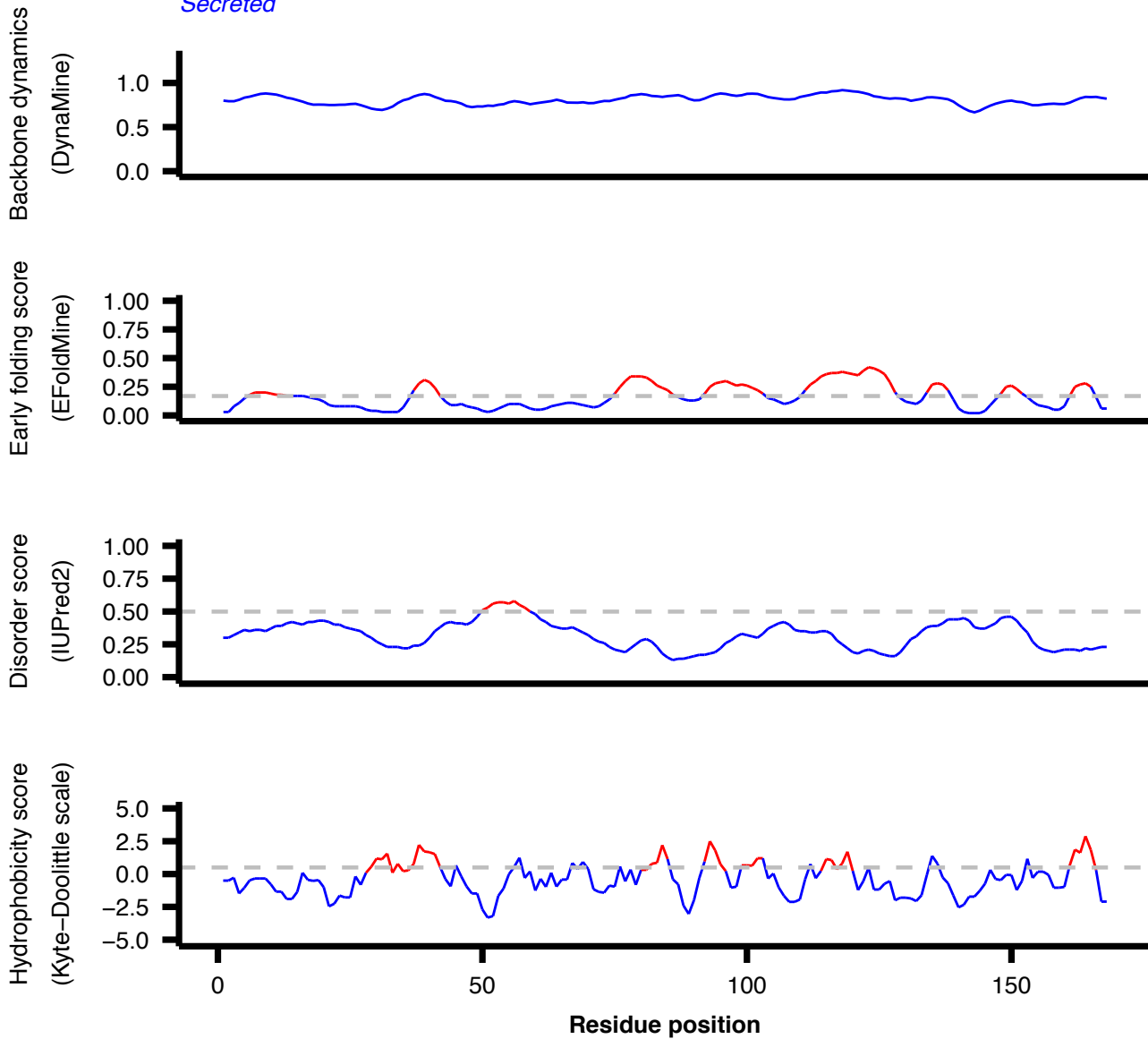
# P0A8X4 (YCCT\_ECOLI)

*Secreted*



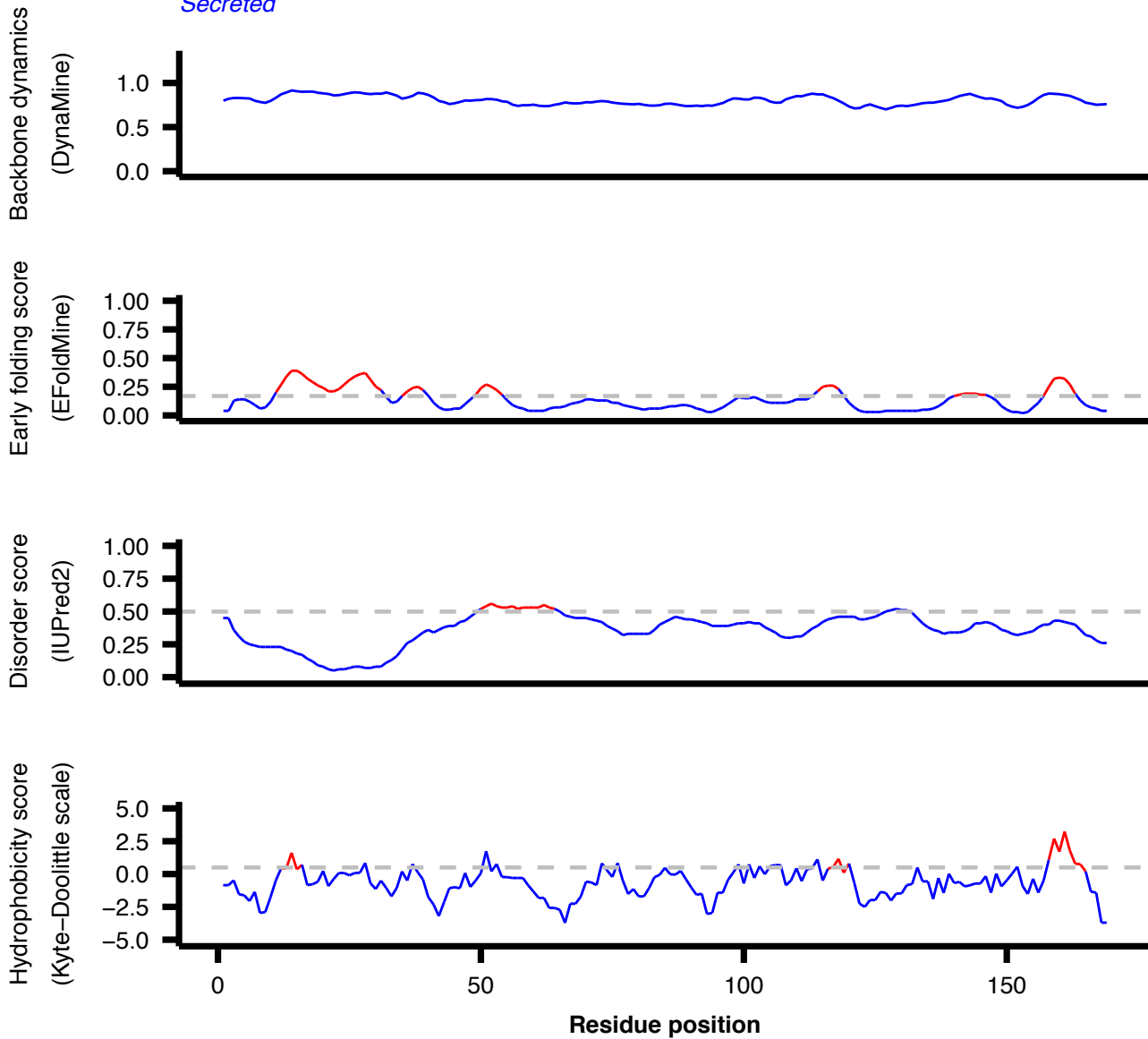
# P0AB26 (YCEB\_ECOLI)

*Secreted*



# P0A8X2 (YCEI\_ECOLI)

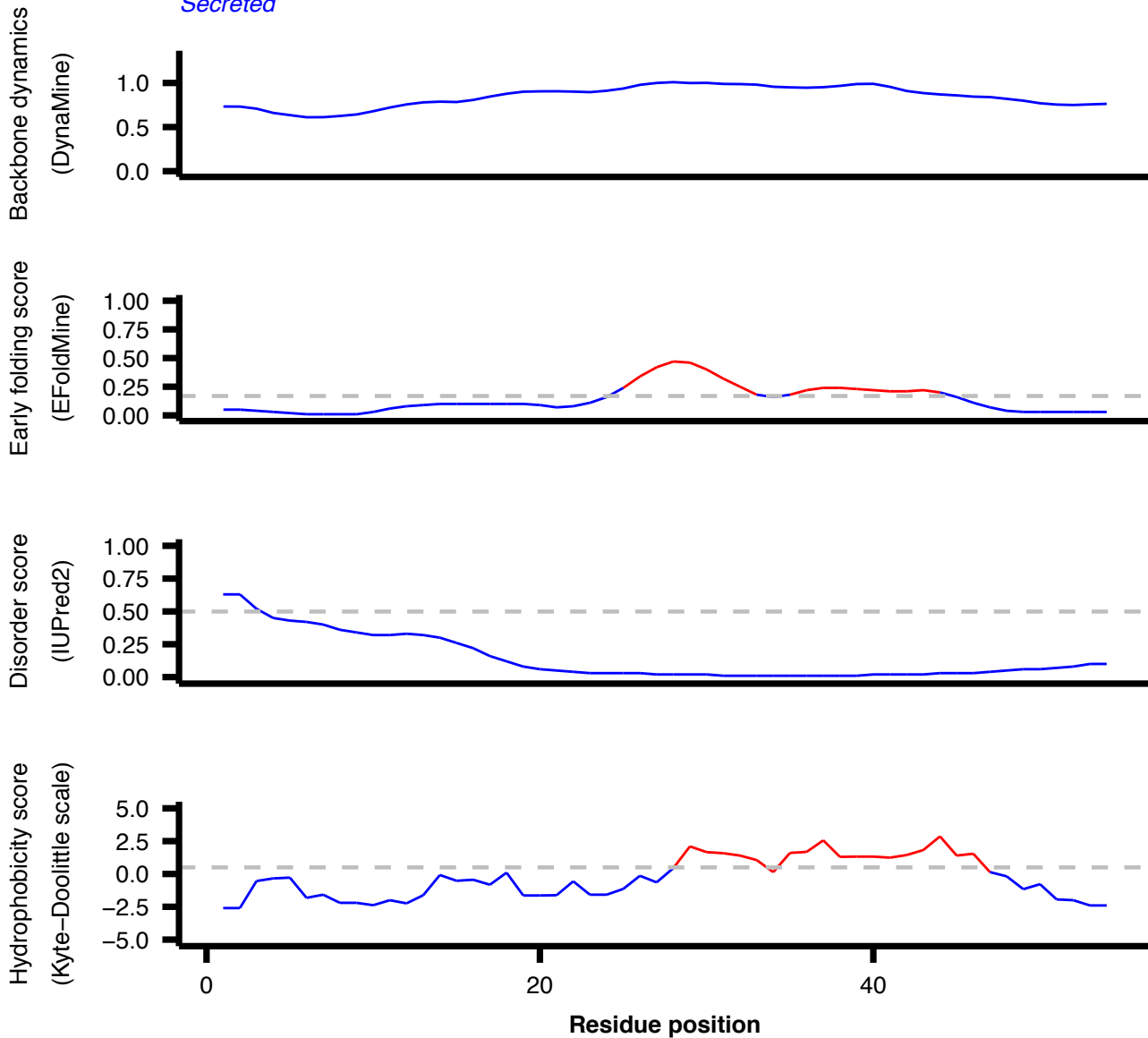
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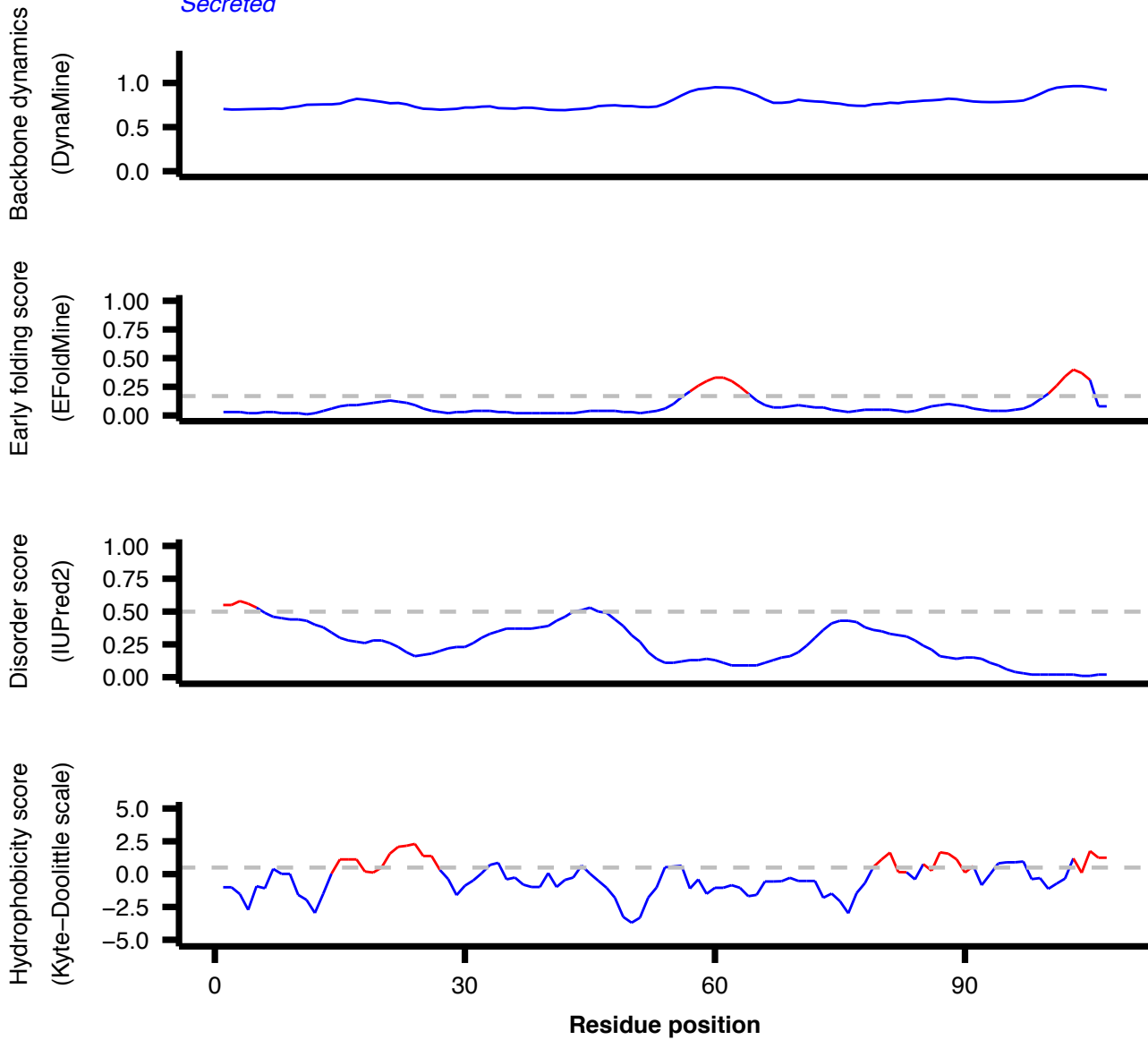
# P0AB31 (YCEK\_ECOLI)

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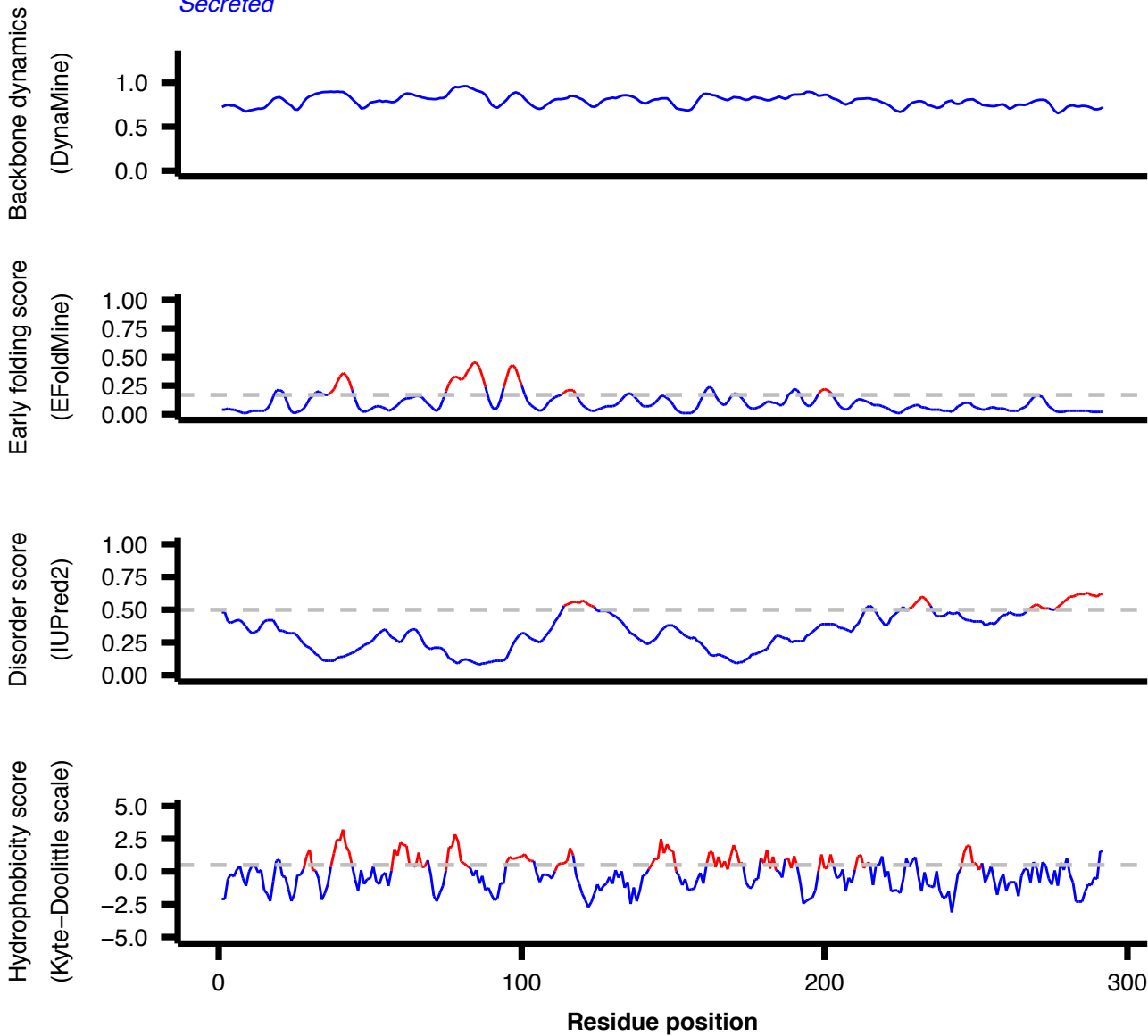
# P75946 (YCFL\_ECOLI)

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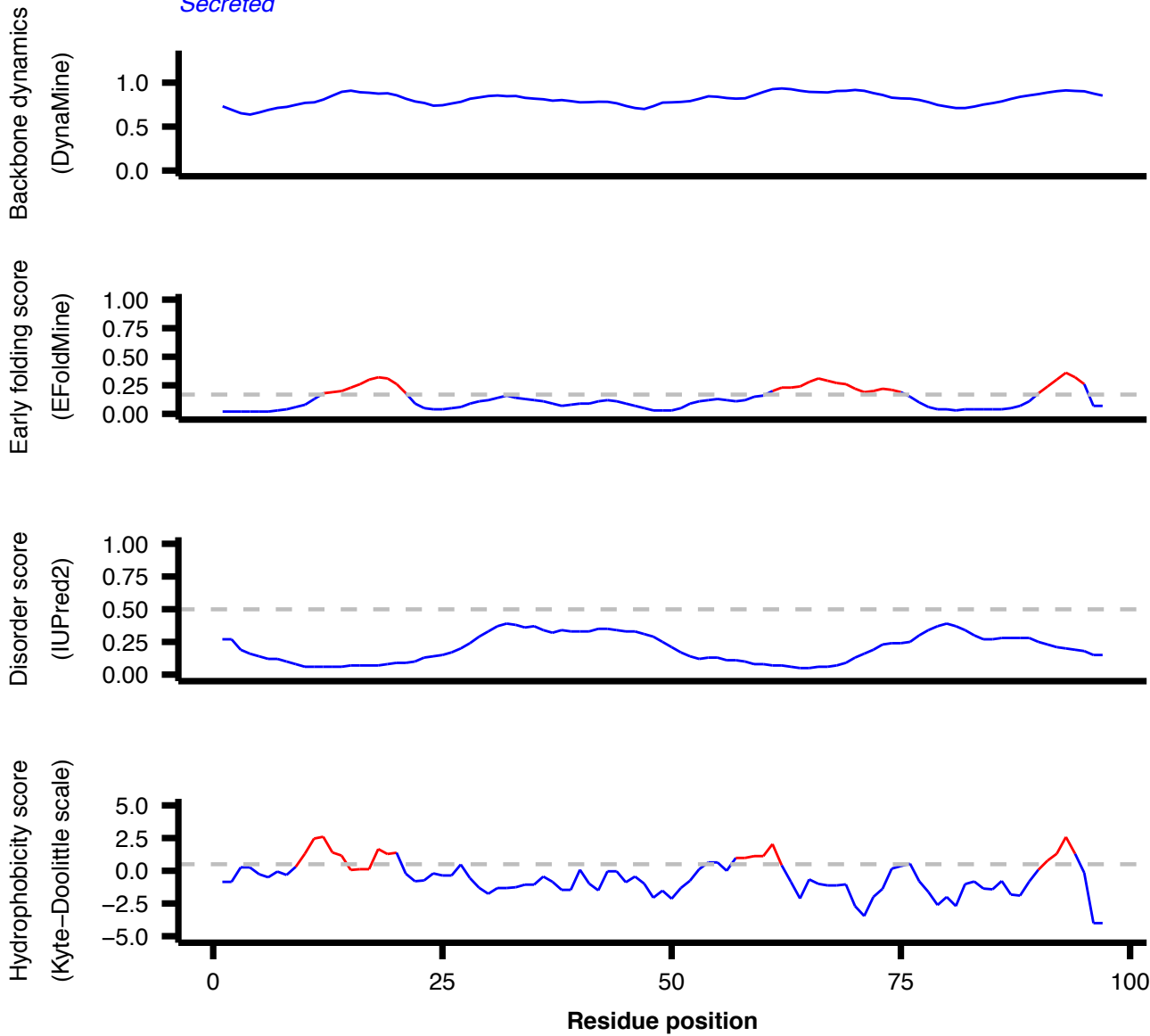
# P75954 (YCFS\_ECOLI)

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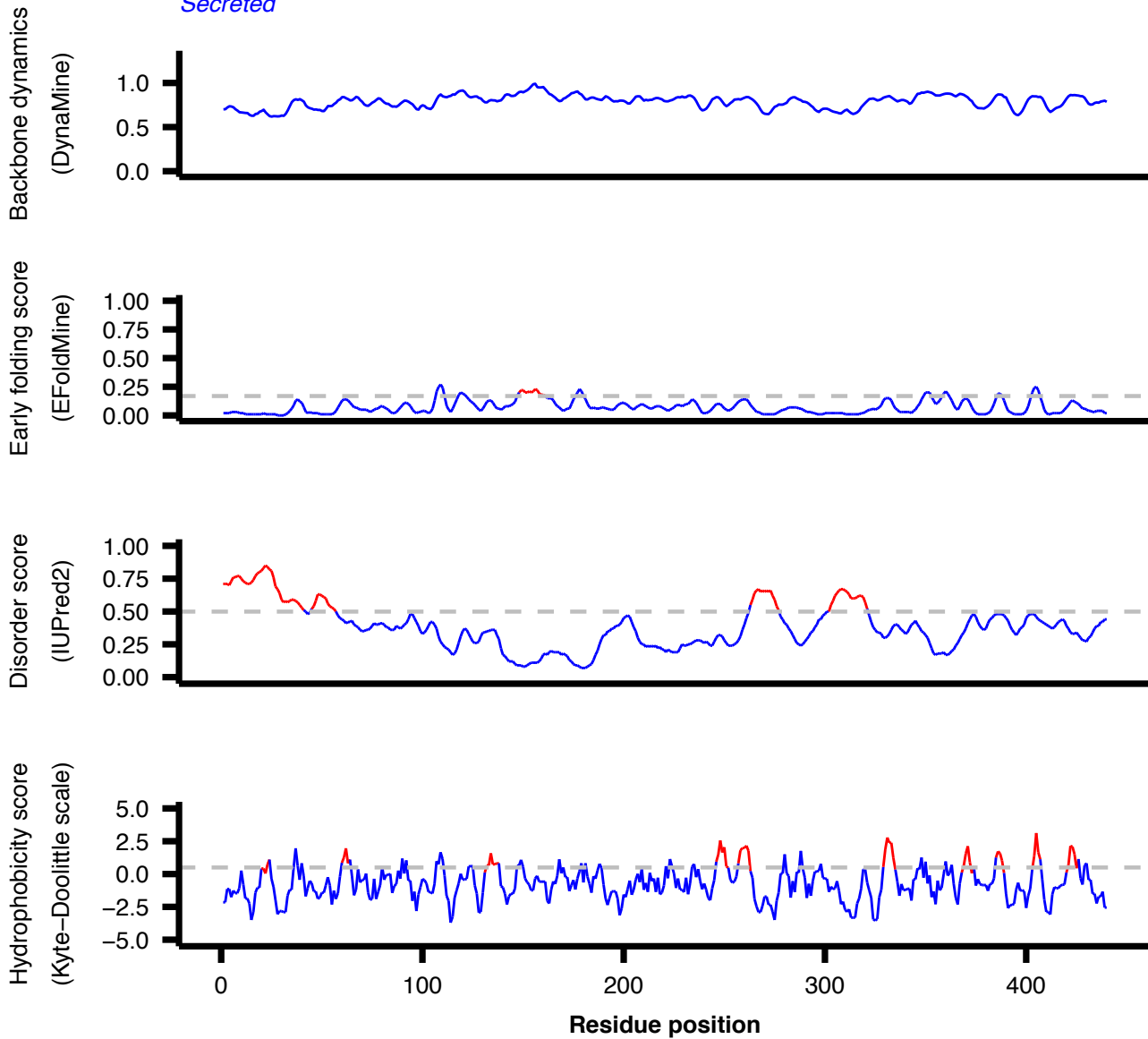
# P76001 (YCGJ\_ECOLI)

*Secreted*



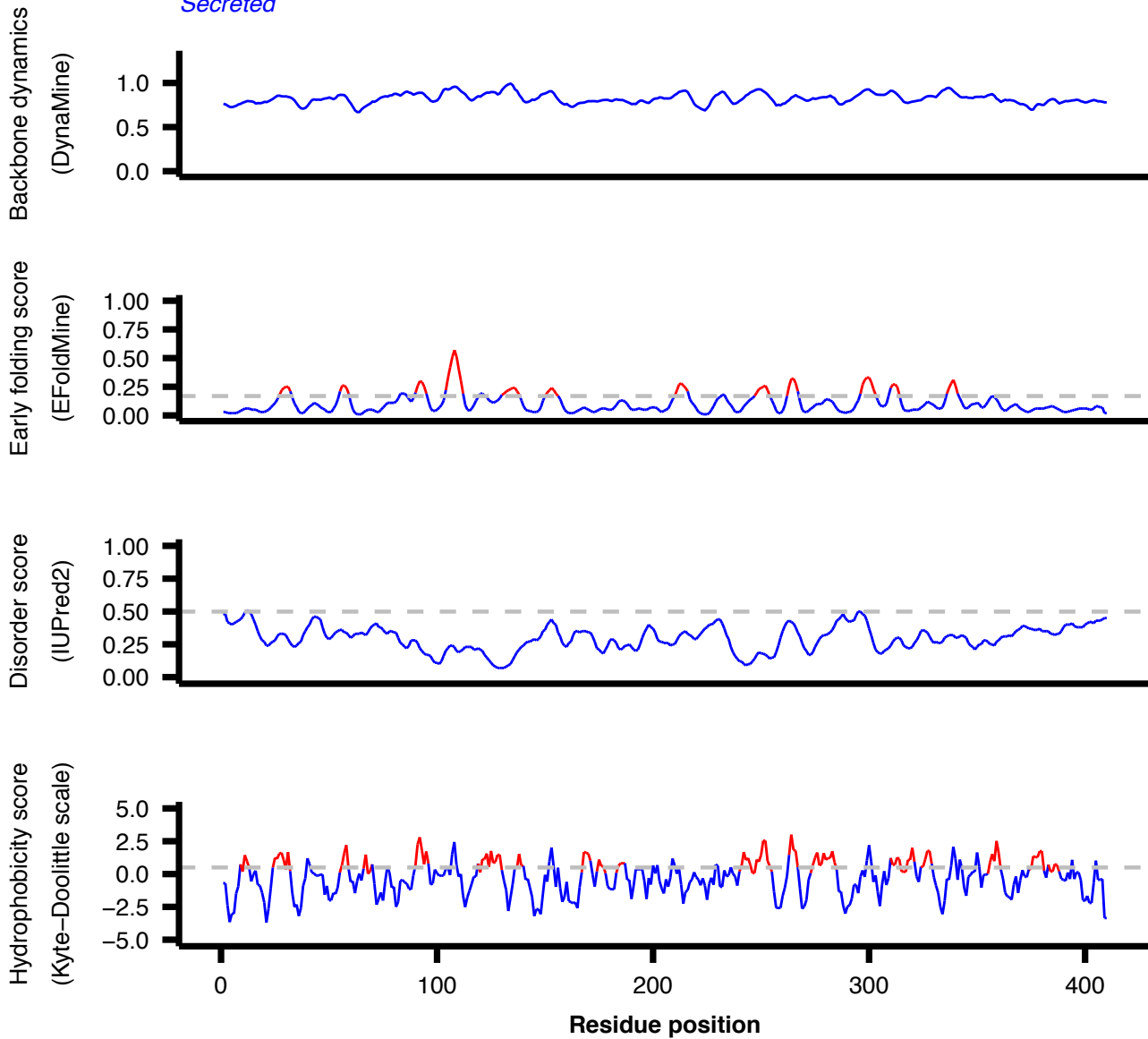
# P39165 (YCHO\_ECOLI)

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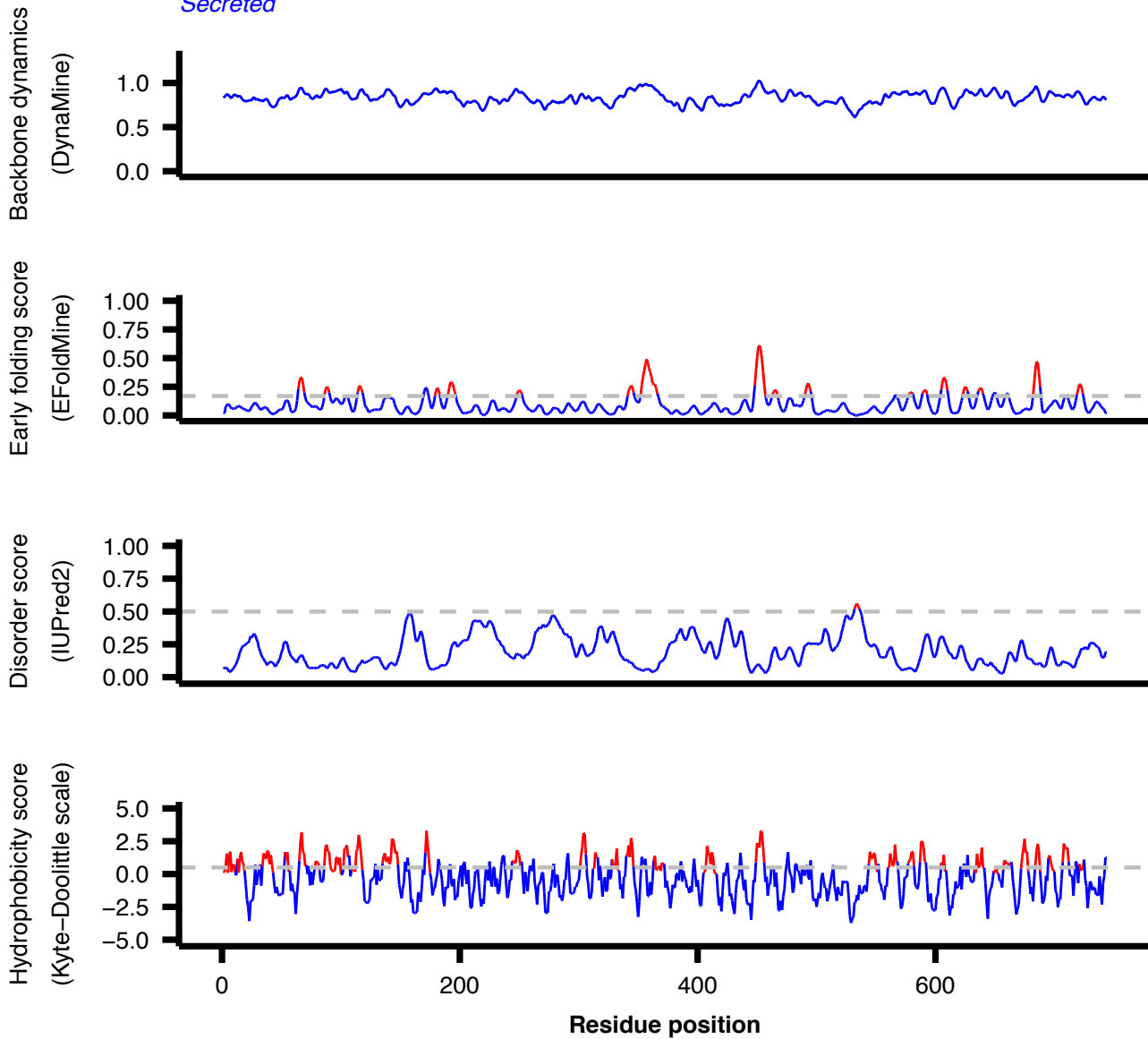
# P76042 (YCJN\_ECOLI)

*Secreted*



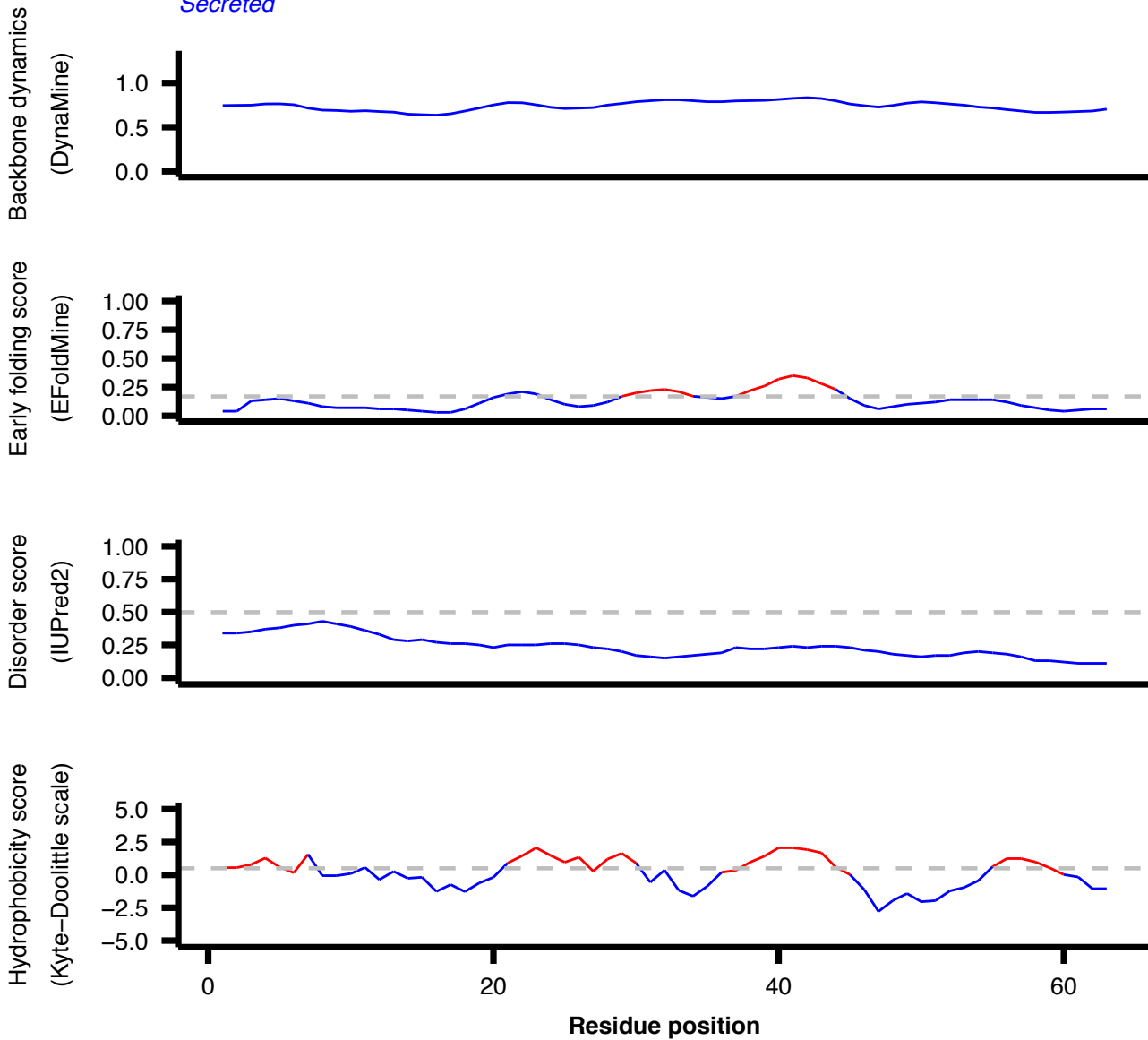
# P25907 (YDBD\_ECOLI)

*Secreted*



# P0ACW2 (YDBJ\_ECOLI)

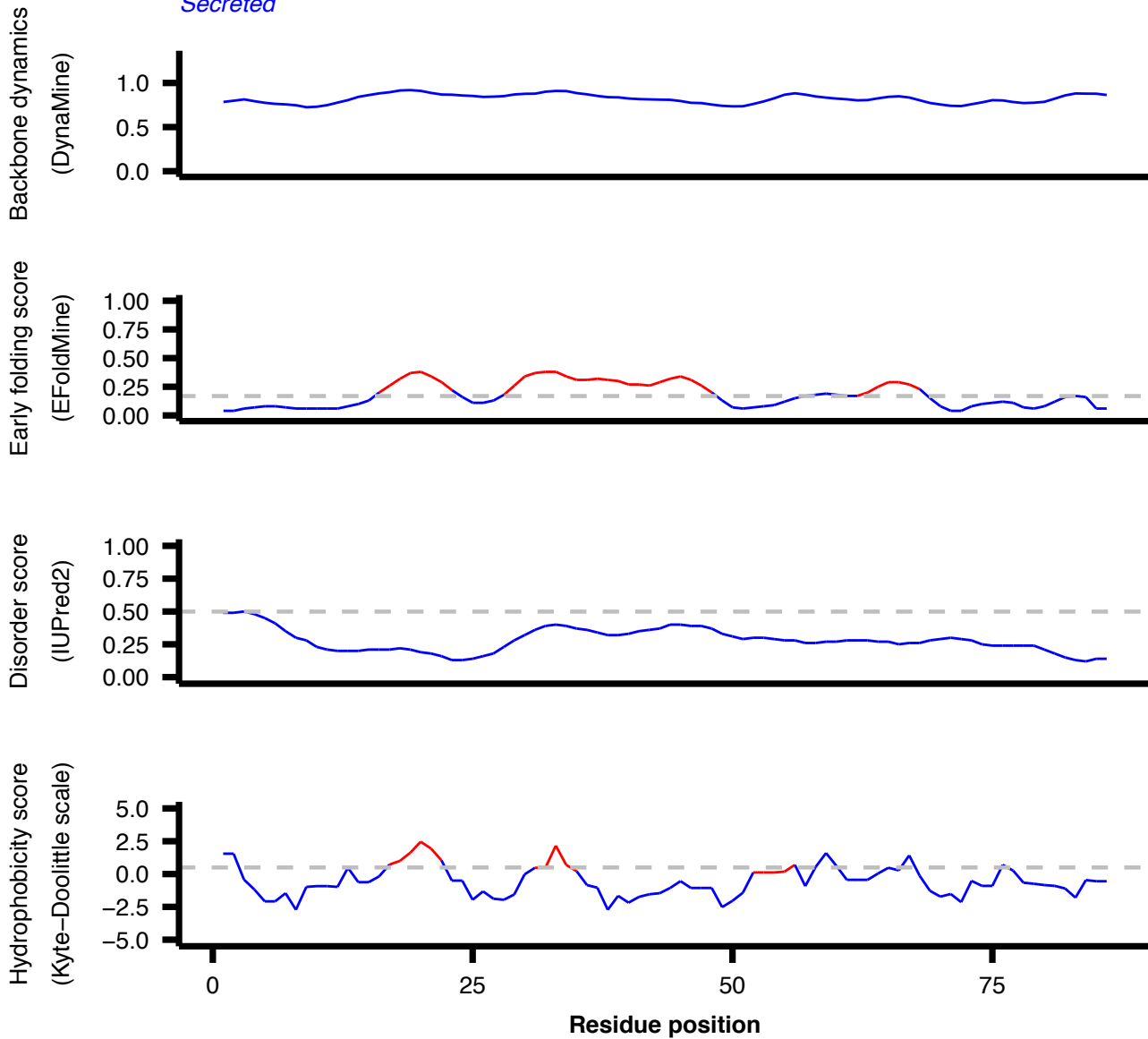
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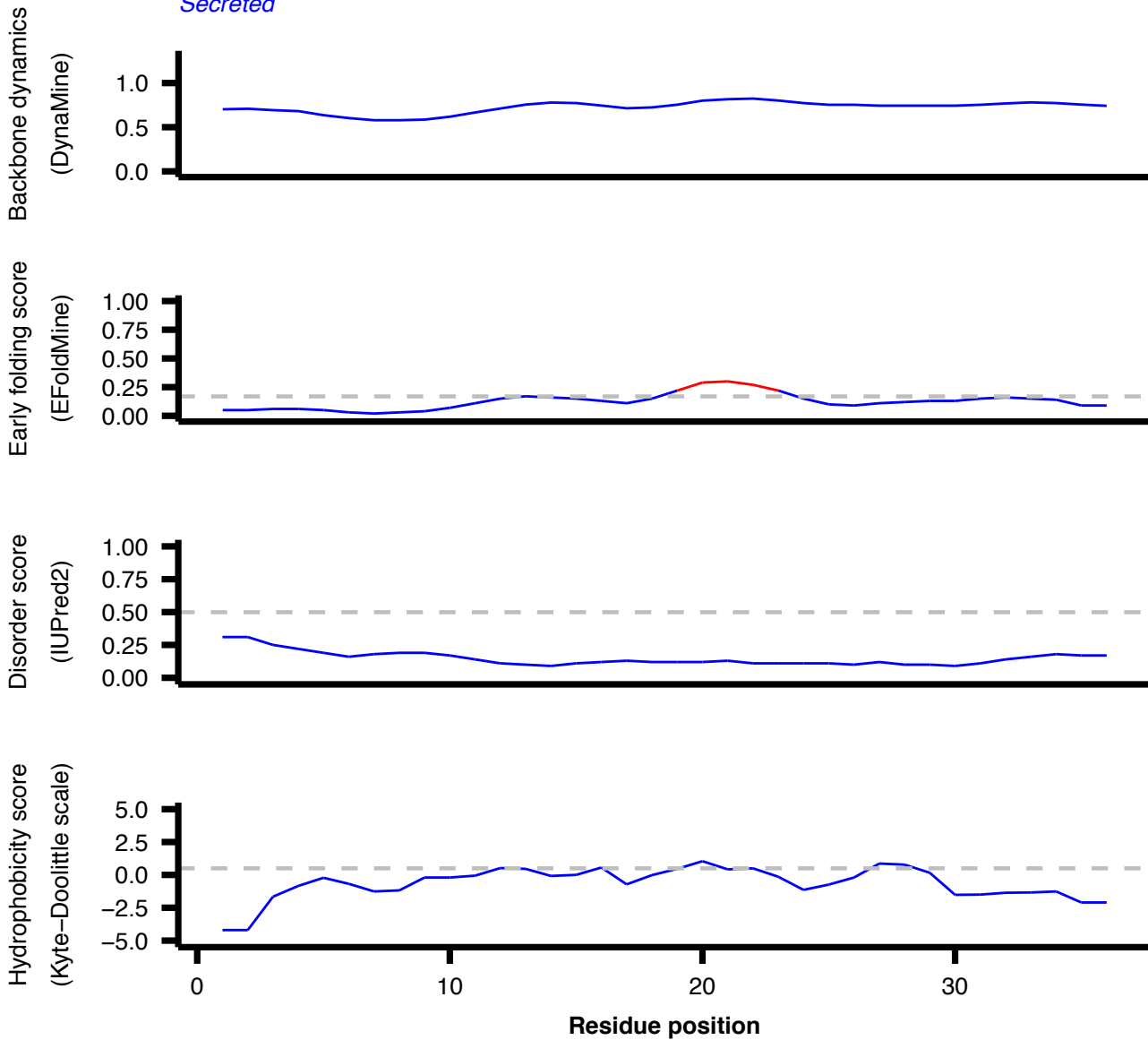
# P76076 (YDBL\_ECOLI)

*Secreted*



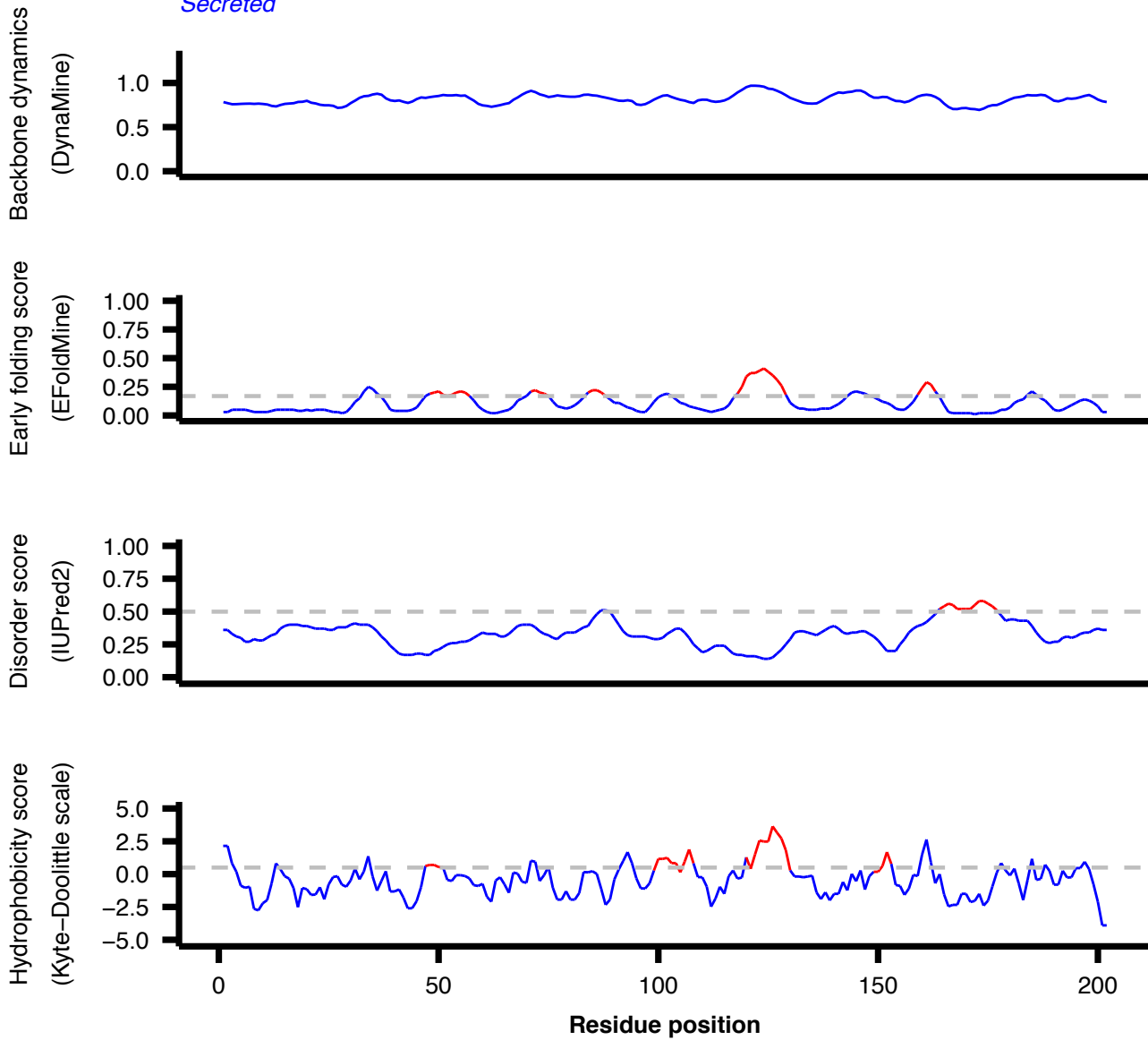
# P0ACW4 (YDCA\_ECOLI)

*Secreted*



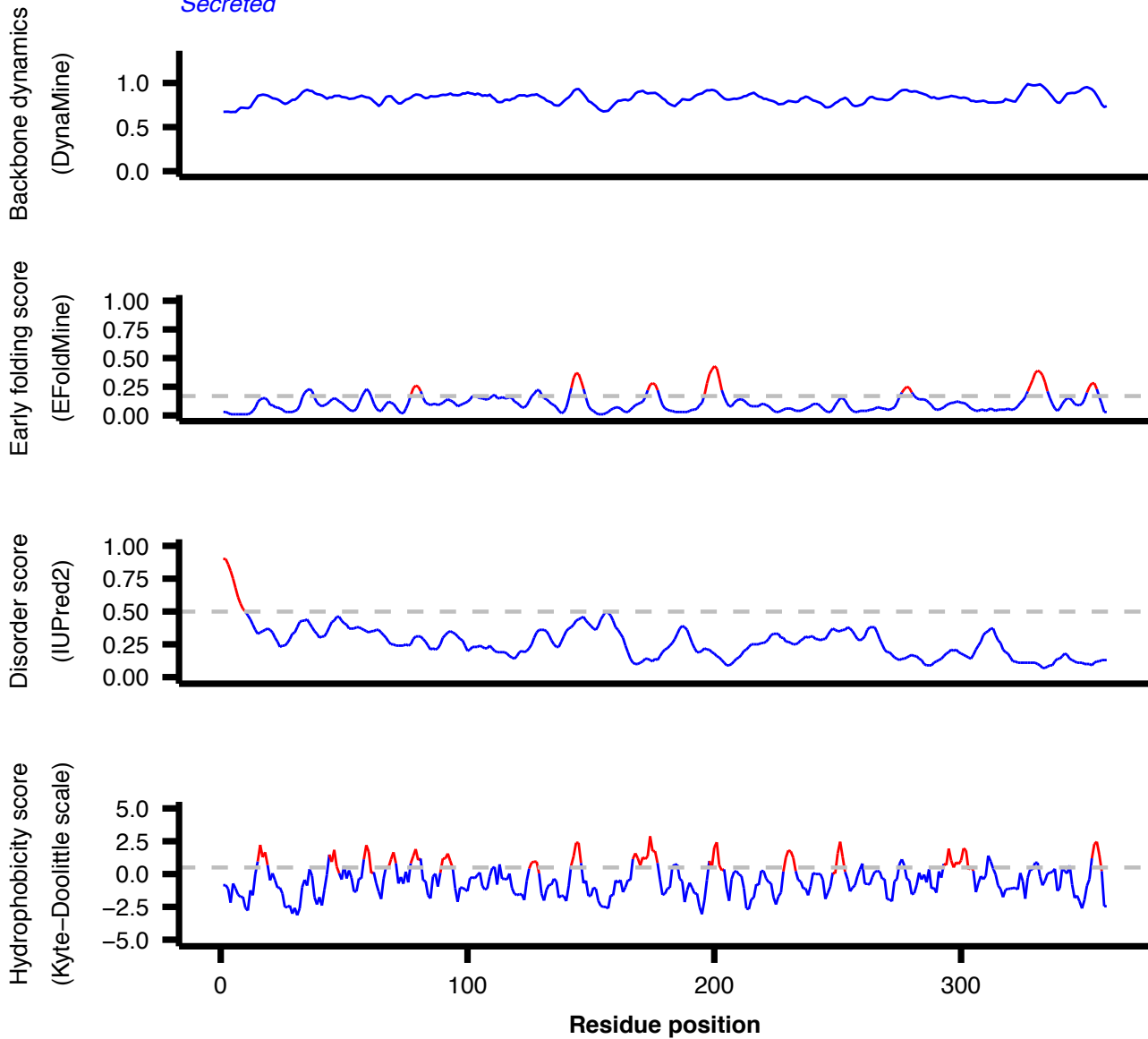
# P64451 (YDCL\_ECOLI)

*Secreted*



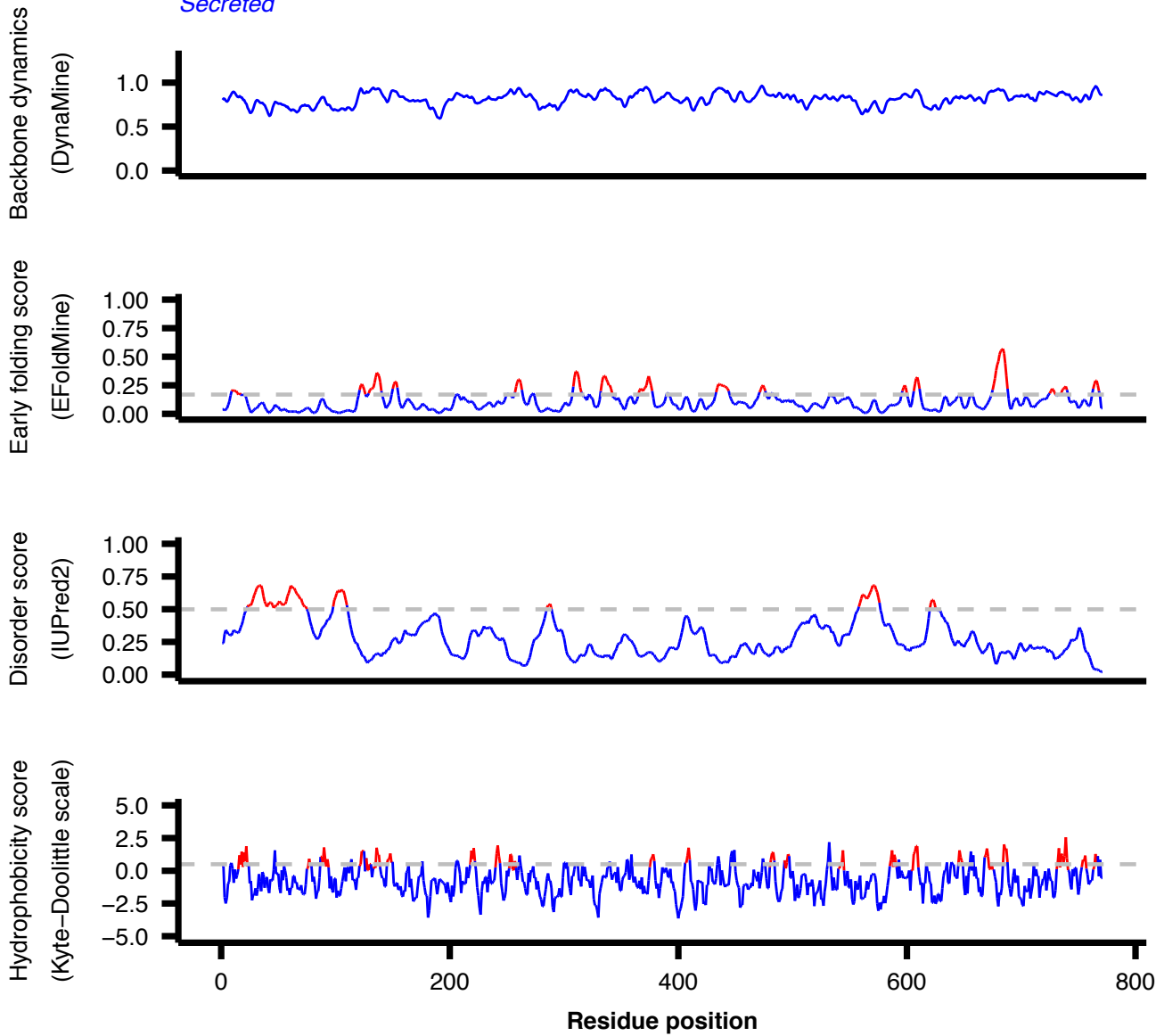
# P76108 (YDCS\_ECOLI)

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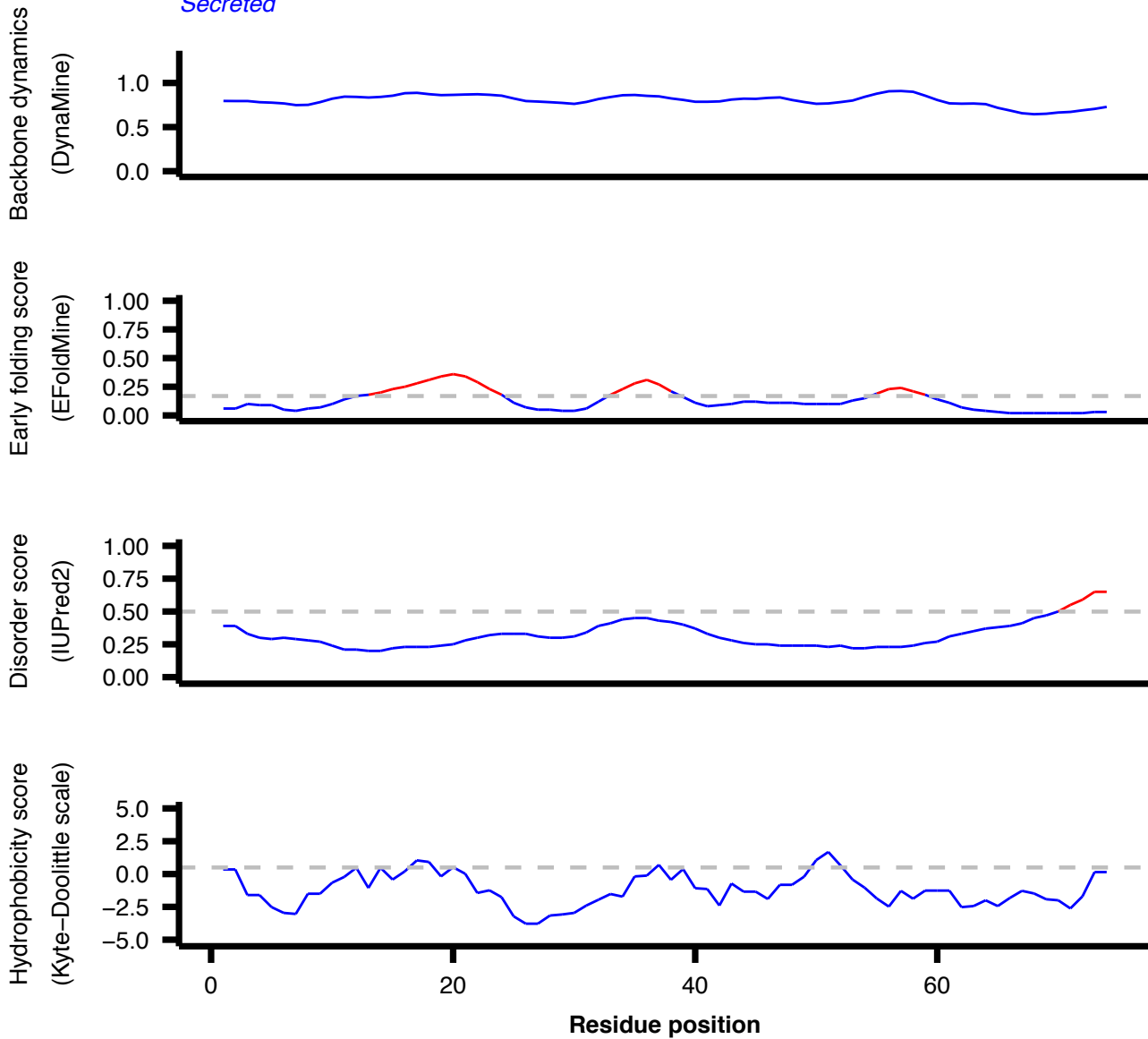
# P31827 (YDDB\_ECOLI)

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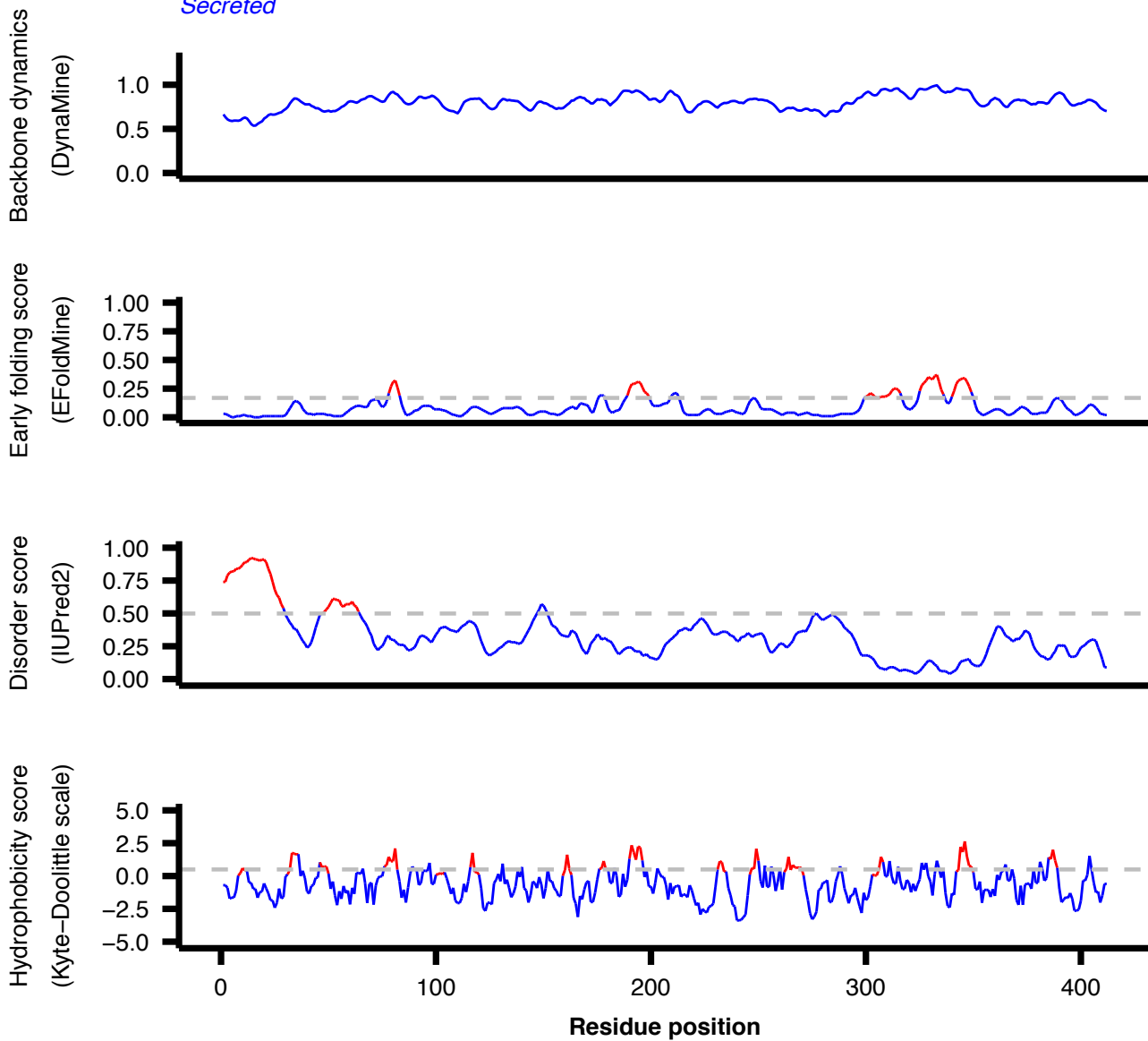
# P77519 (YDDL\_ECOLI)

*Secreted*



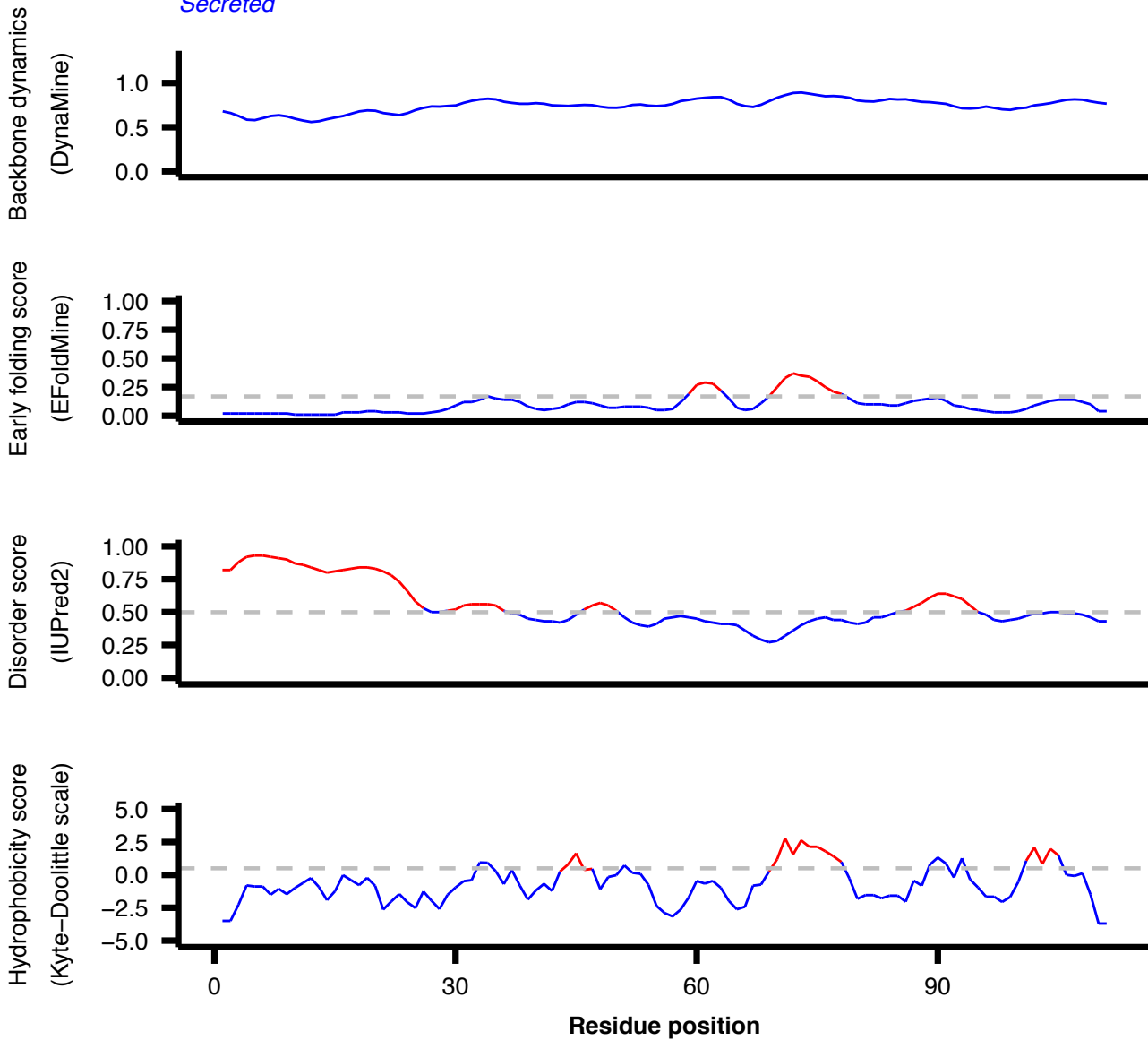
# P64426 (YDDW\_ECOLI)

*Secreted*



# P31130 (YDEI\_ECOLI)

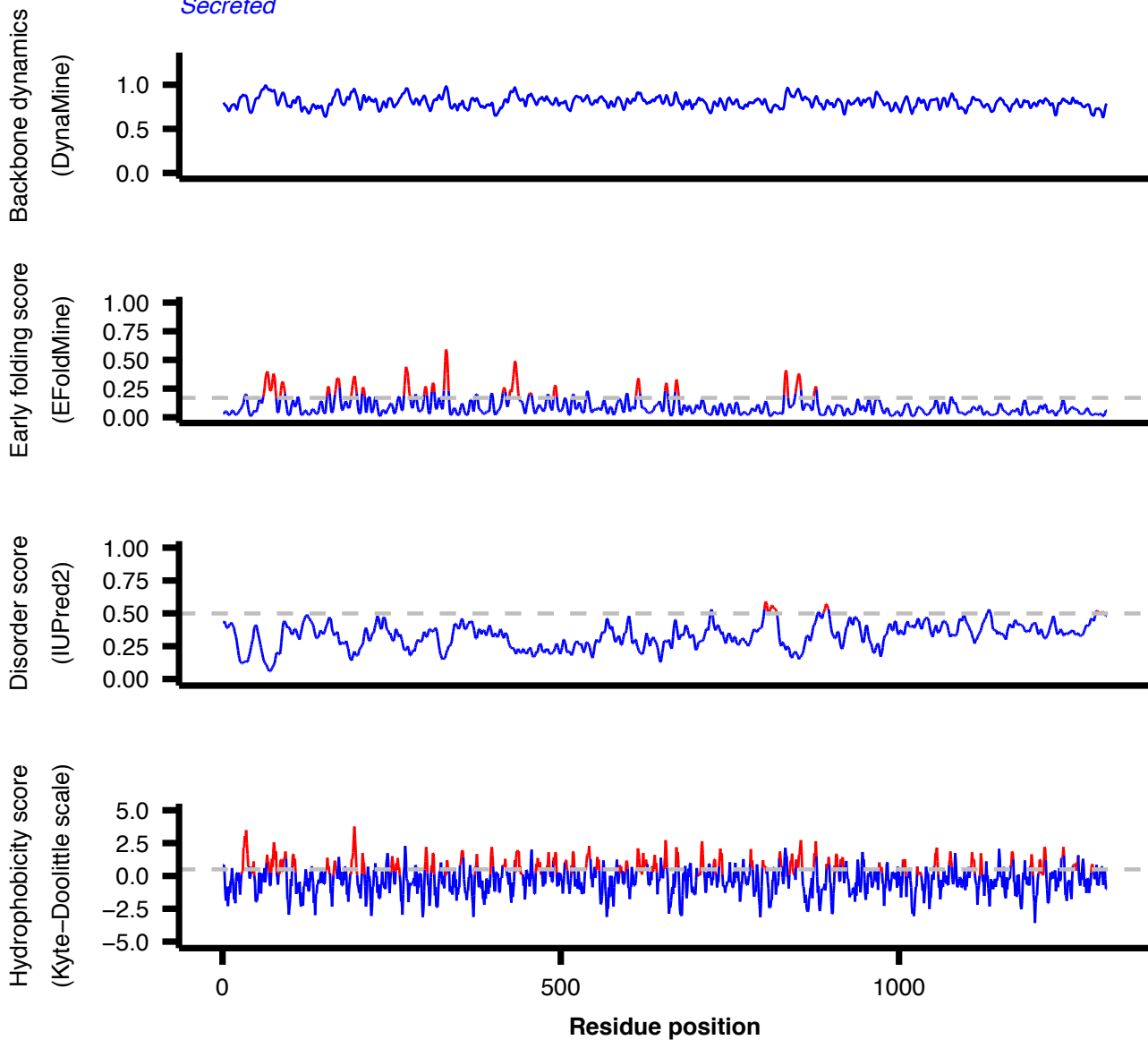
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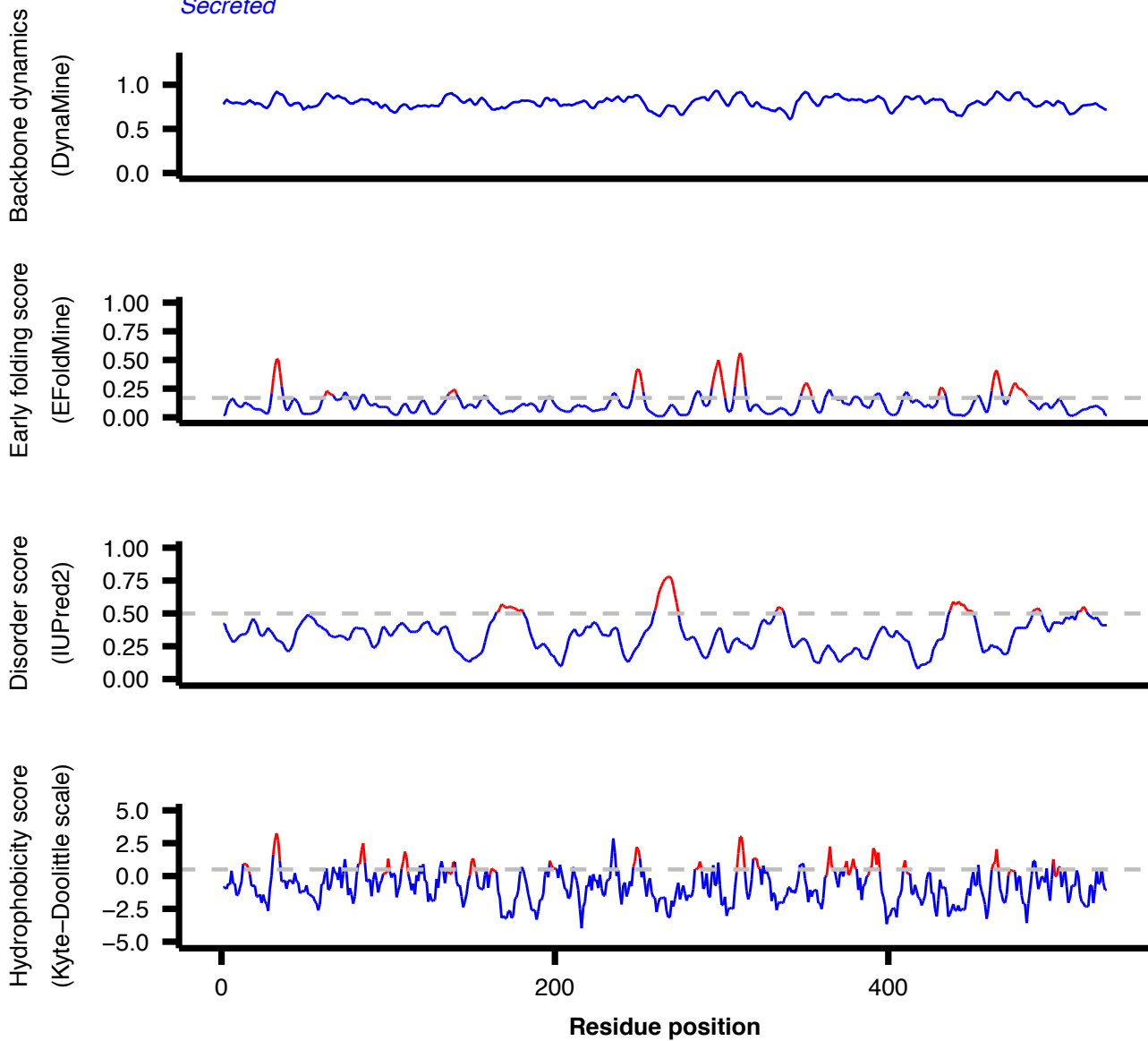
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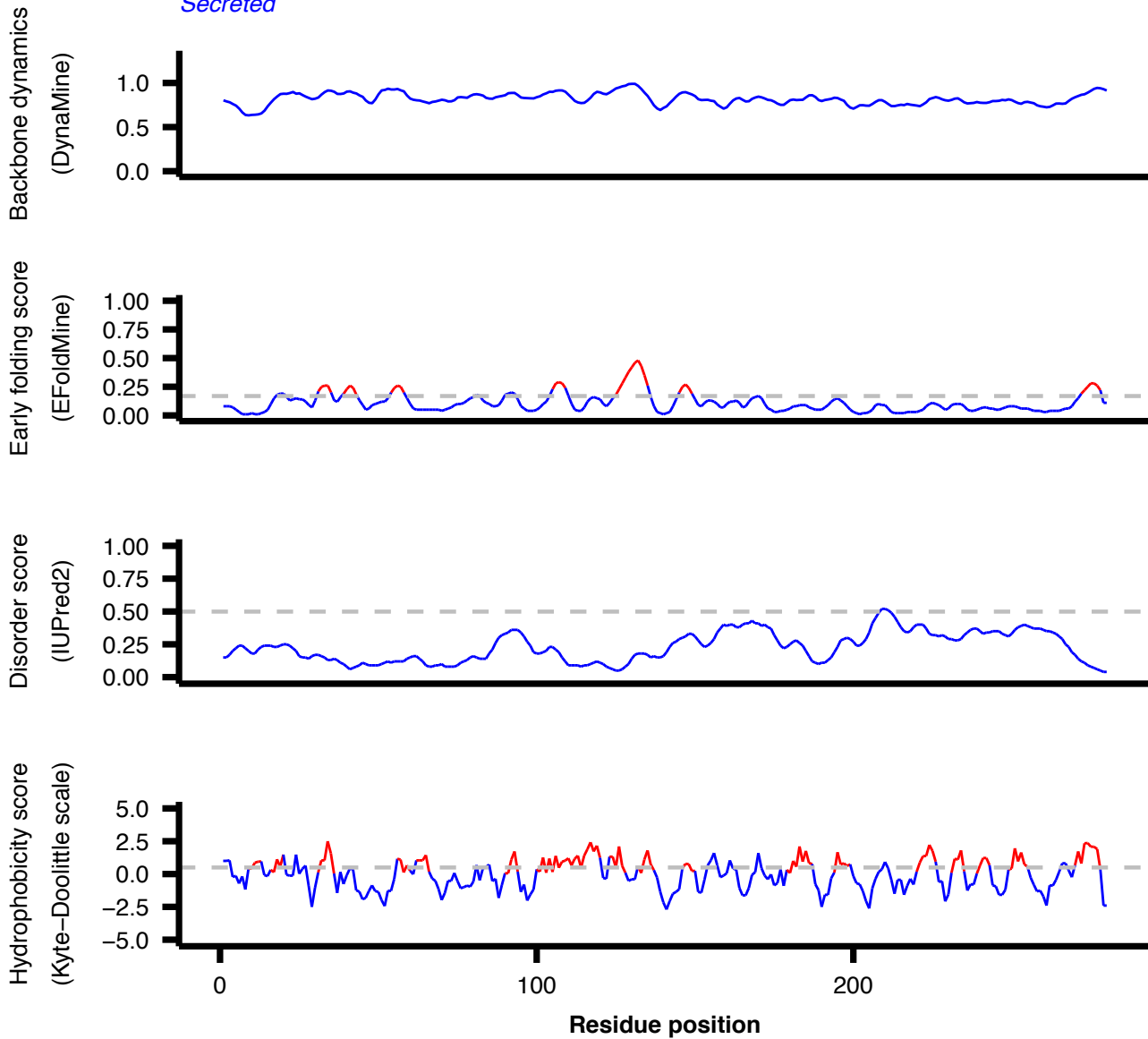
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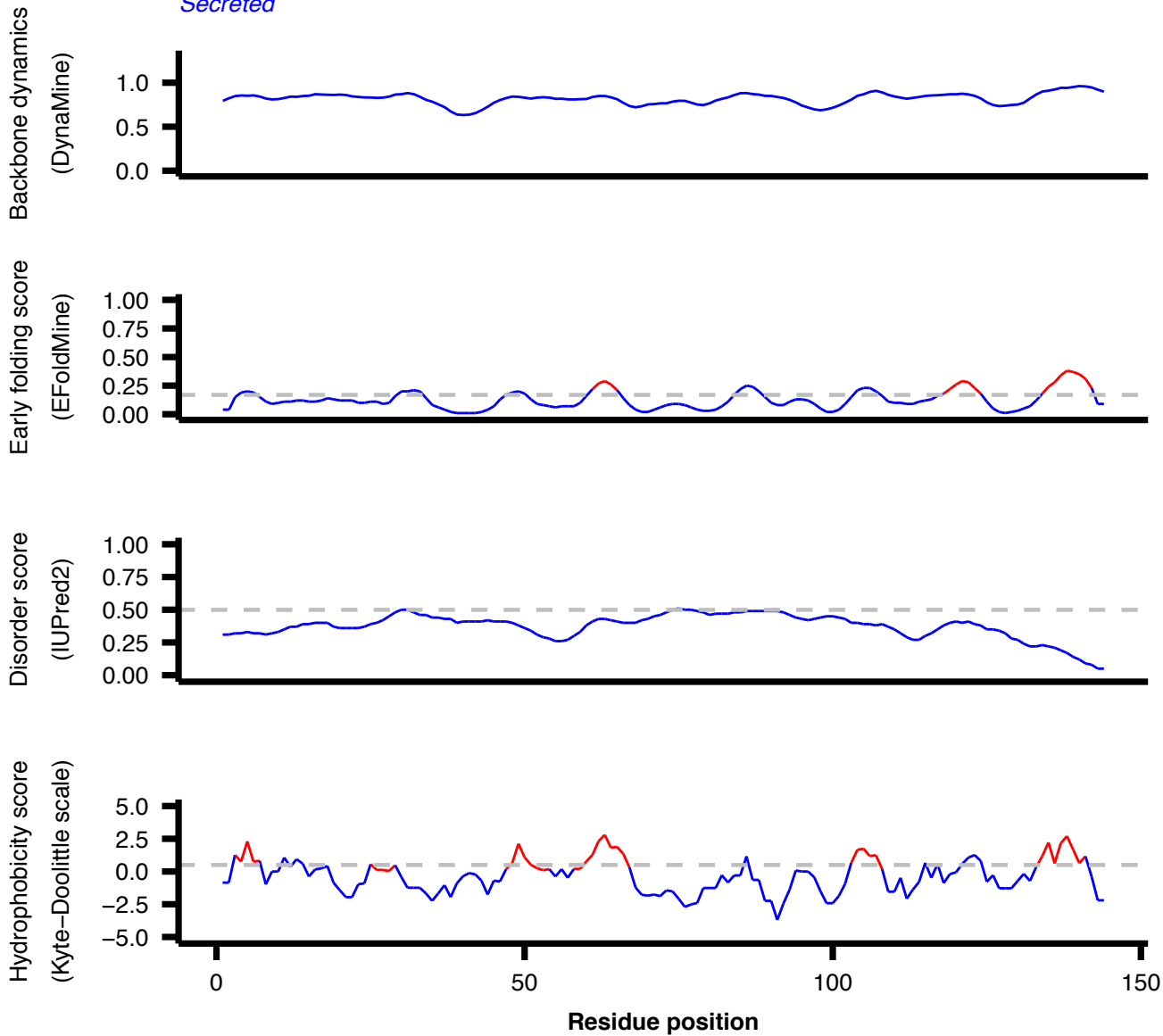
# P77588 (YDEQ\_ECOLI)

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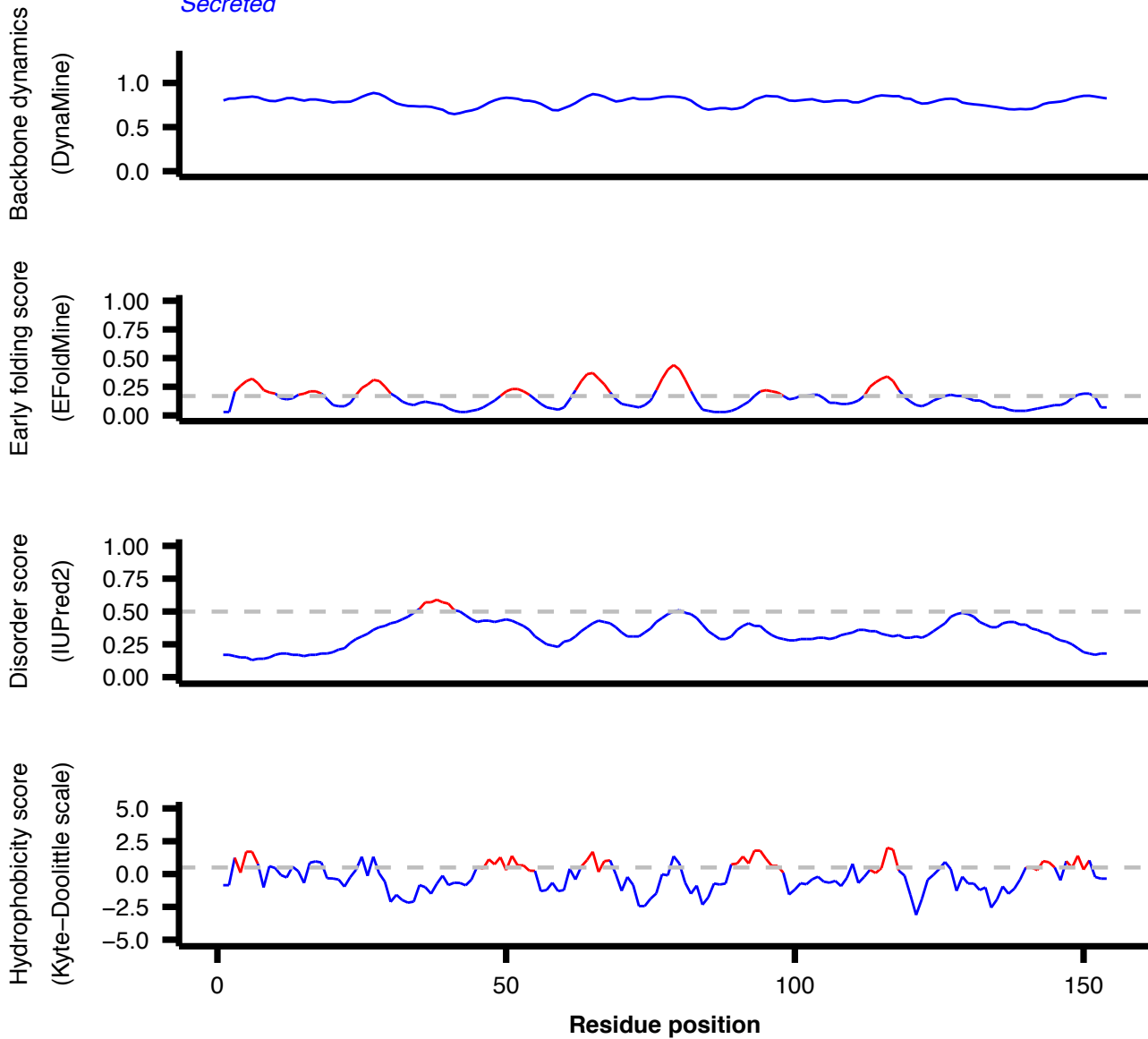
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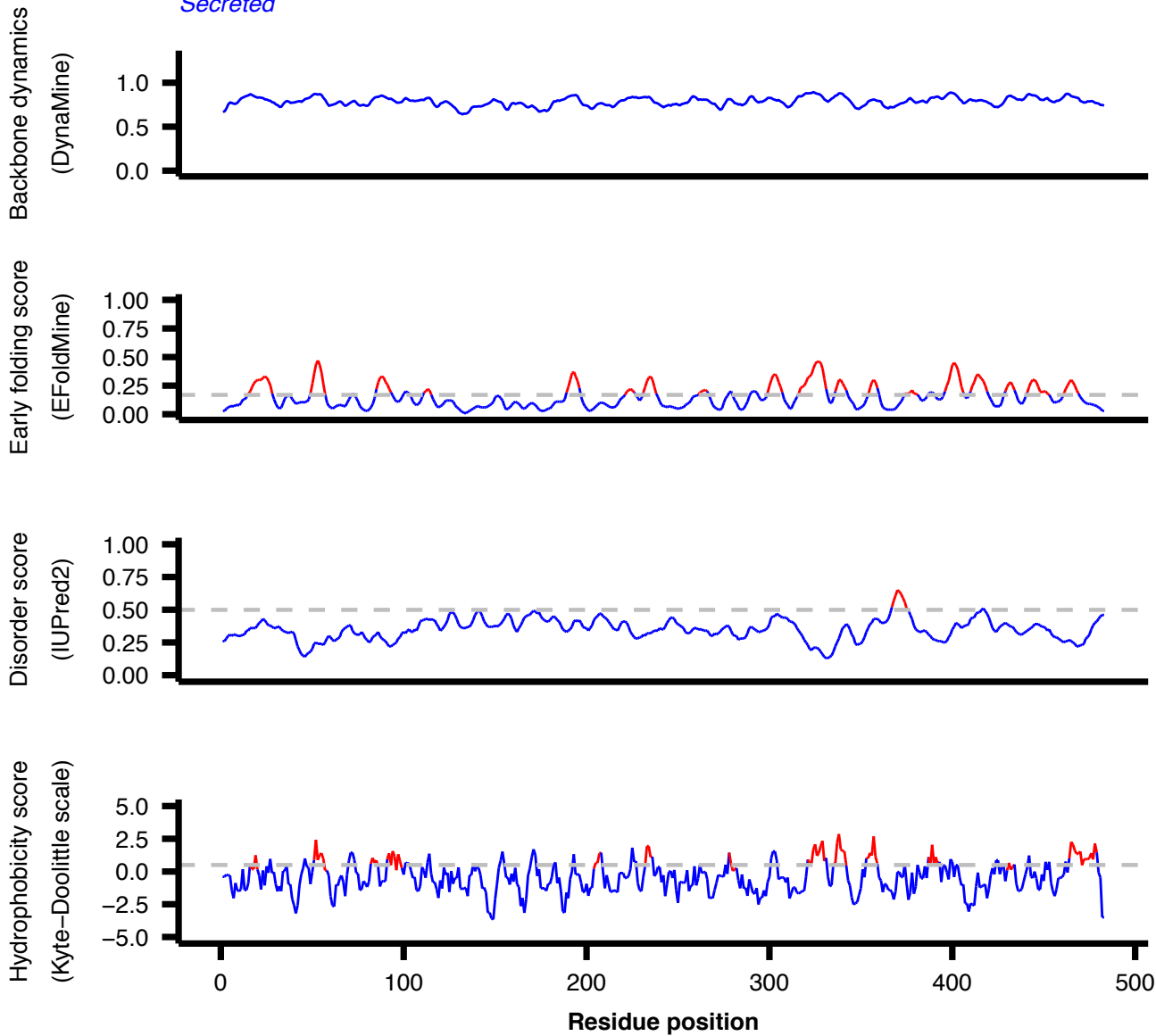
# P77789 (YDES\_ECOLI)

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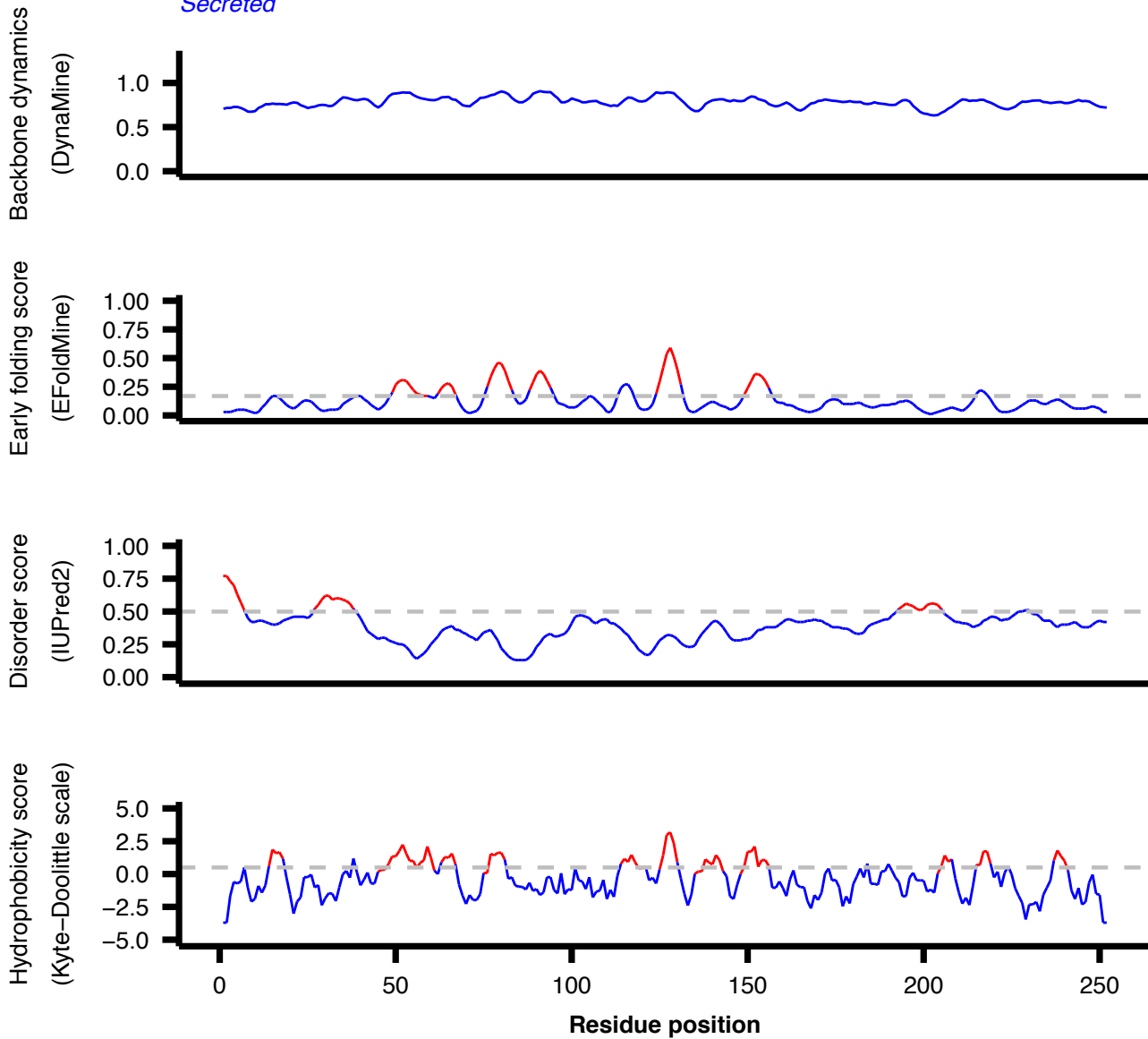
# P77804 (YDGA\_ECOLI)

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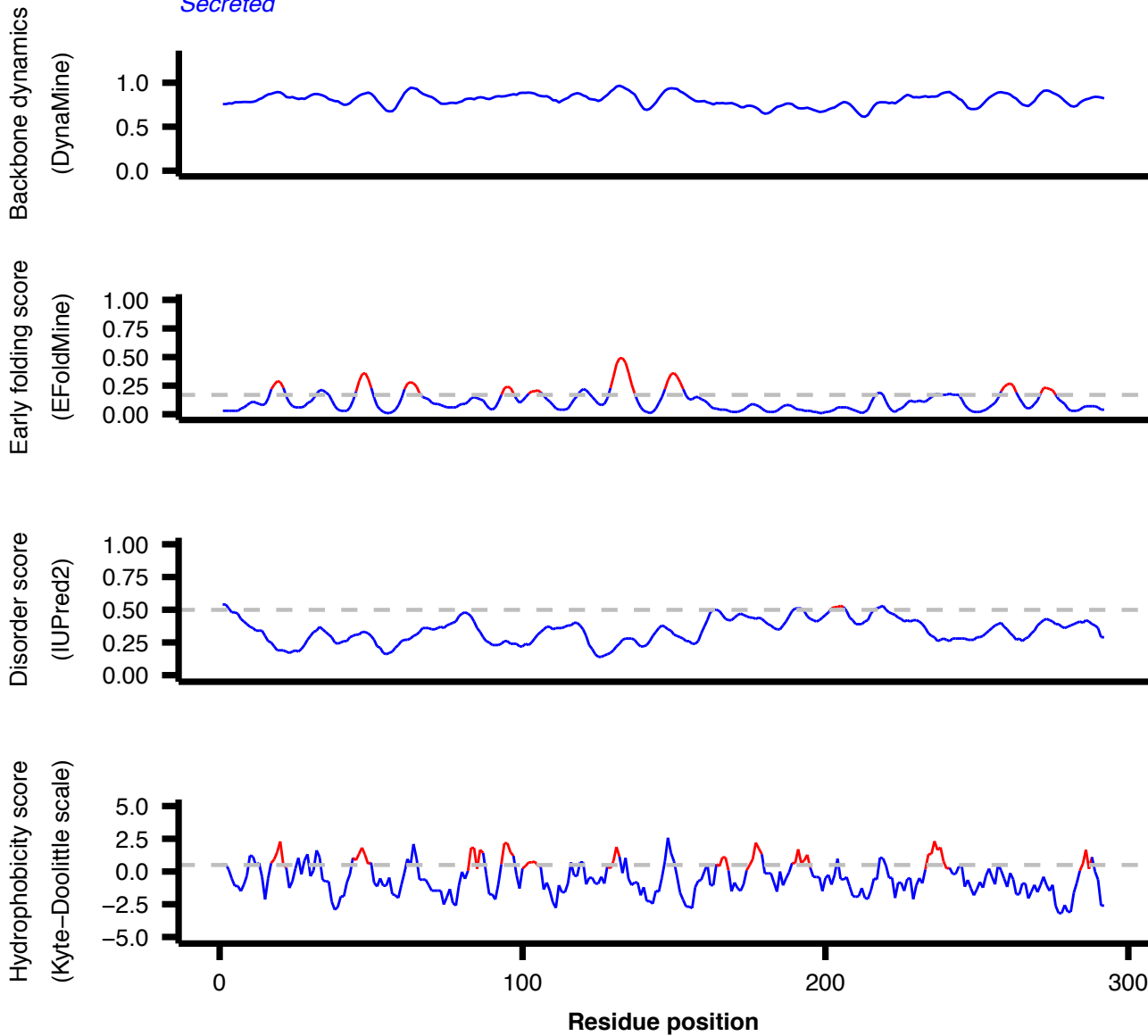
# P76176 (YDGD\_ECOLI)

*Secreted*



# P76177 (YDGH\_ECOLI)

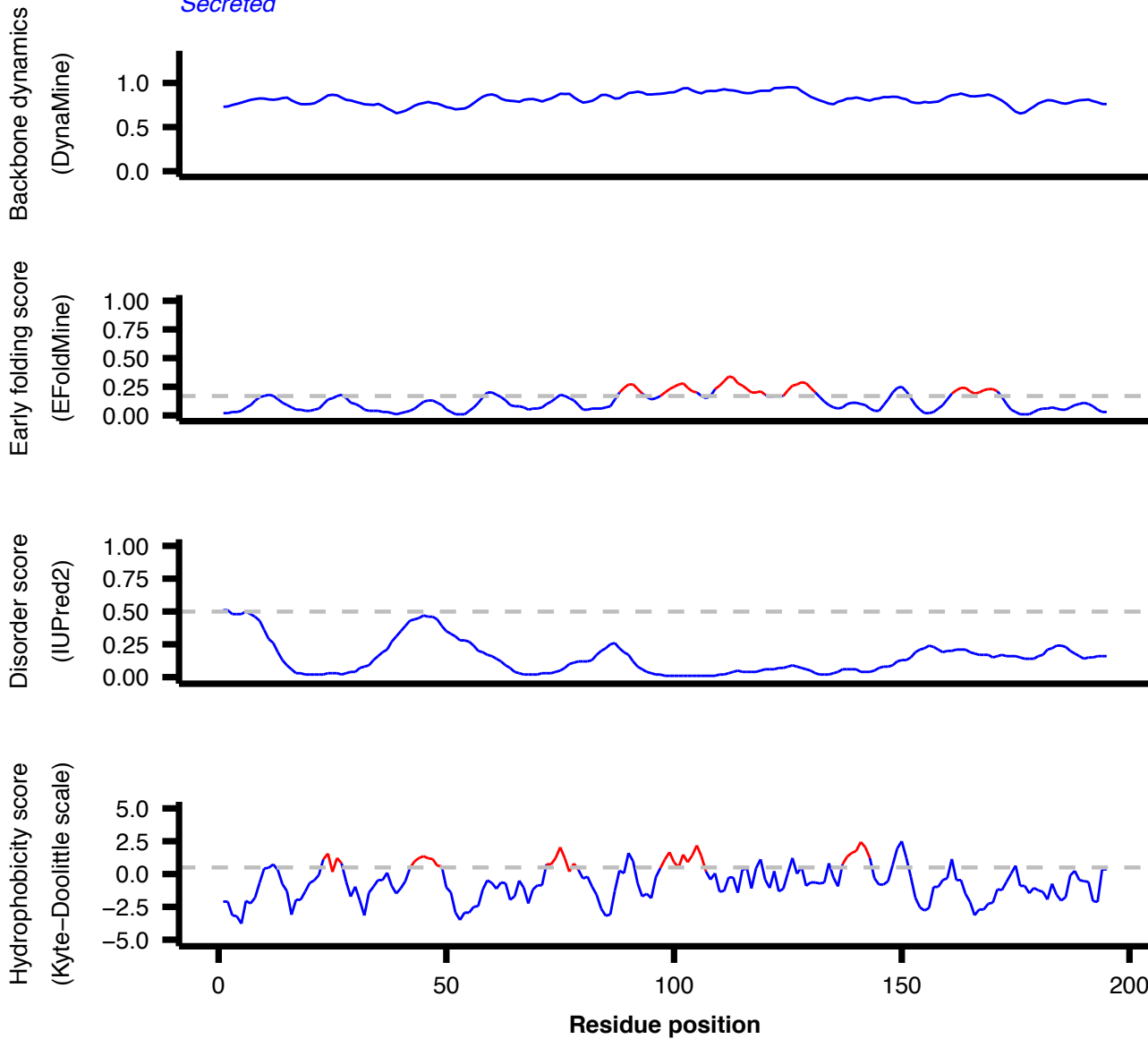
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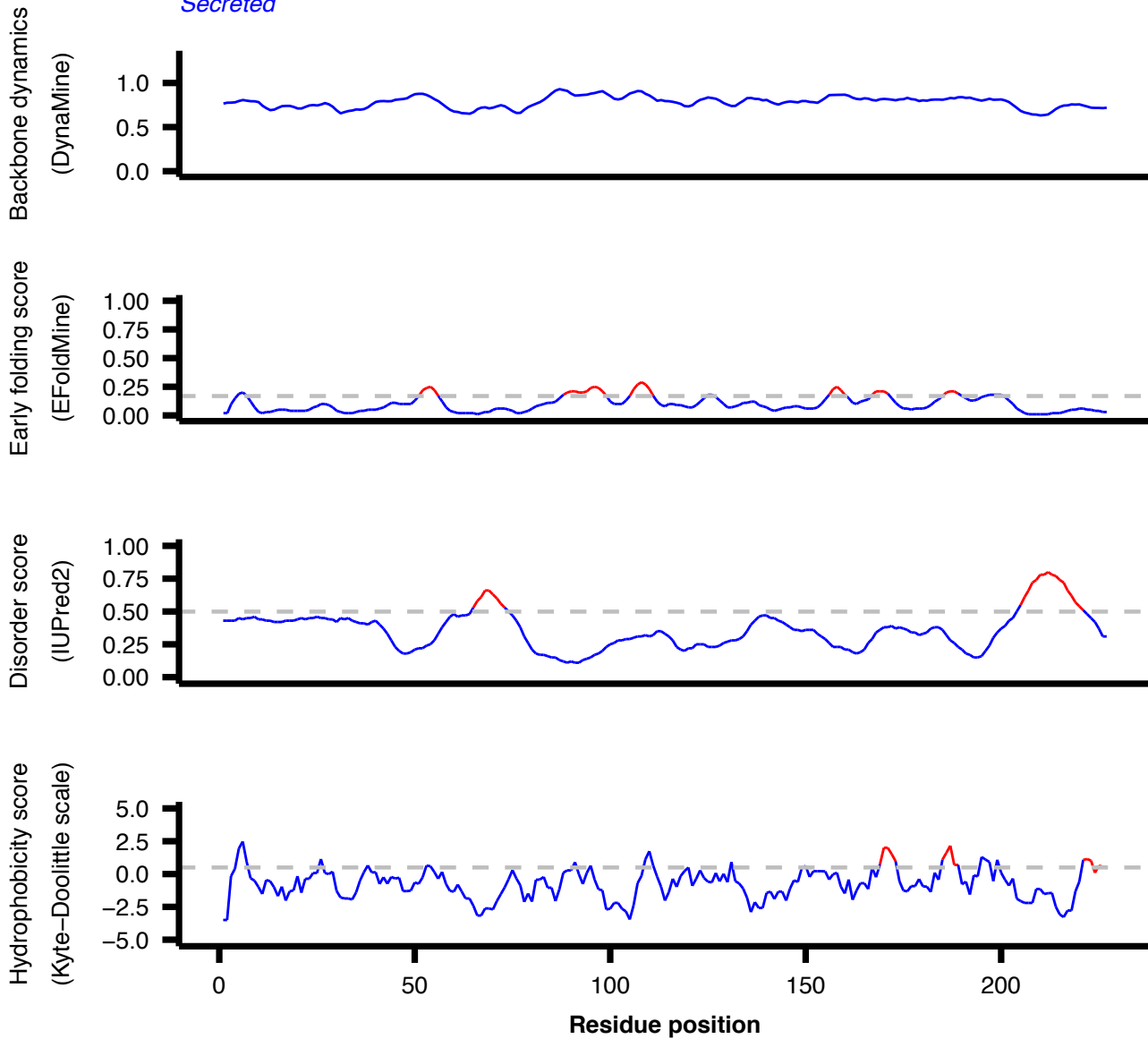
# P77375 (YDHX\_ECOLI)

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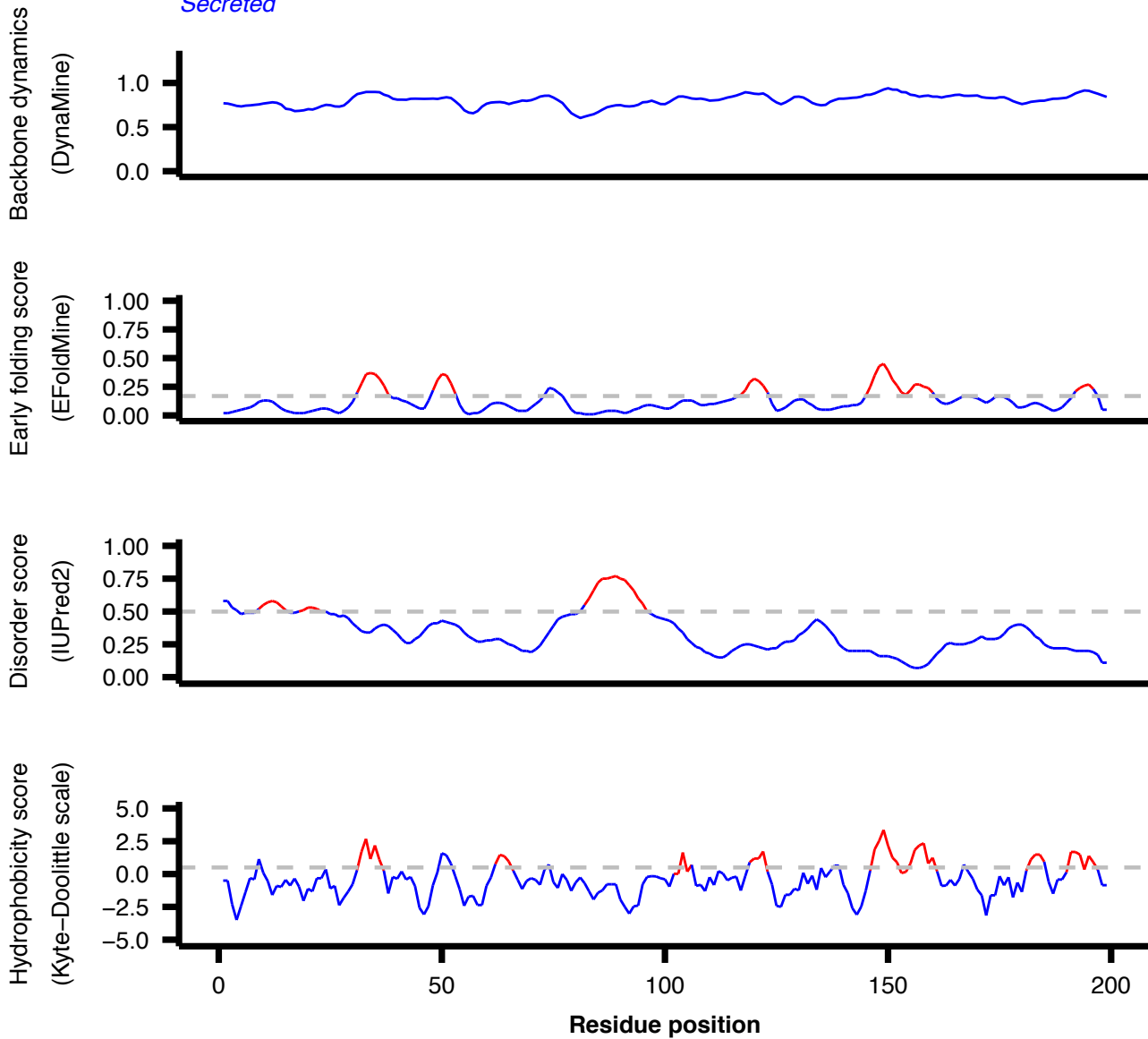
# P76206 (YDIY\_ECOLI)

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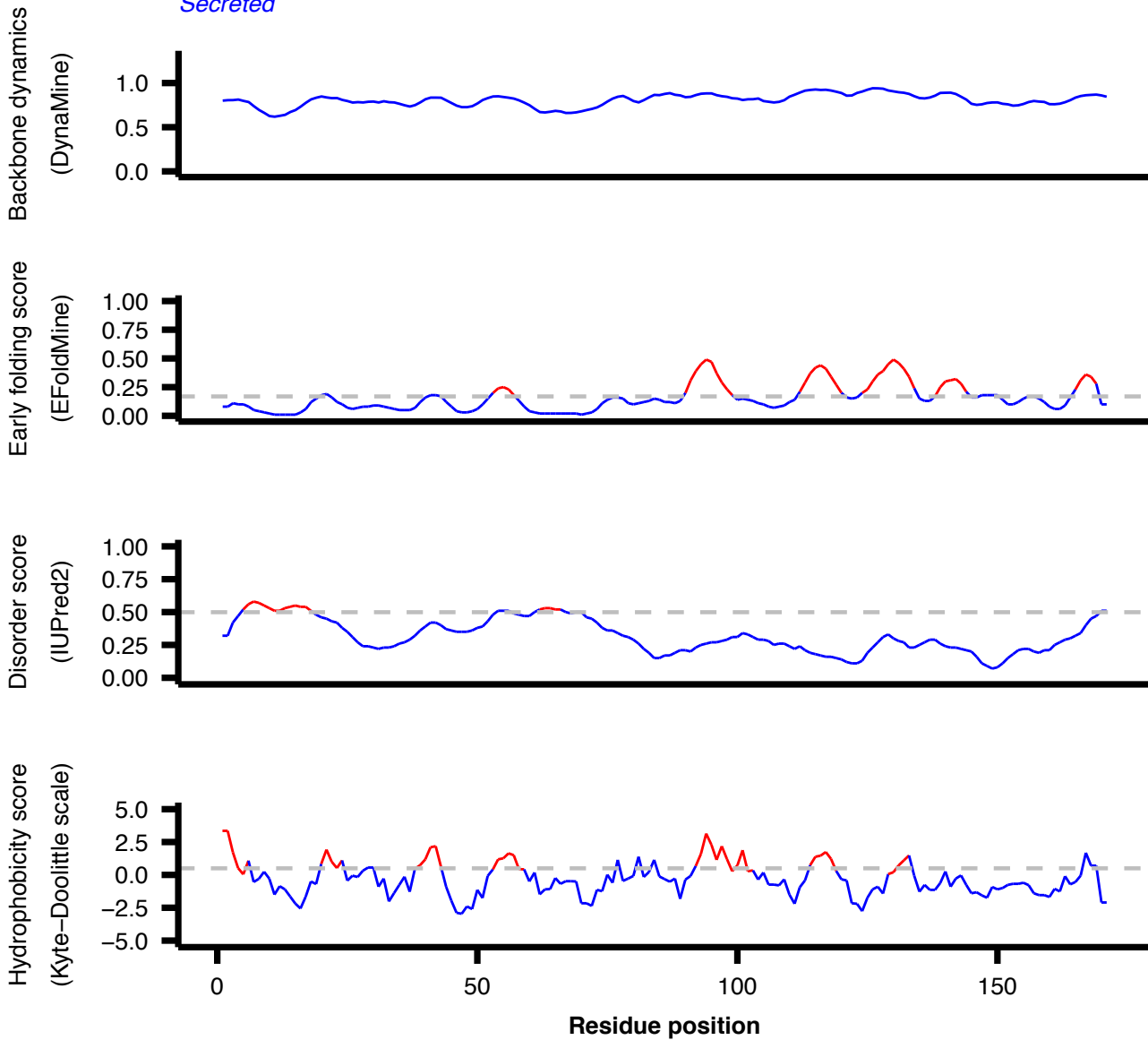
# P76220 (YDJY\_ECOLI)

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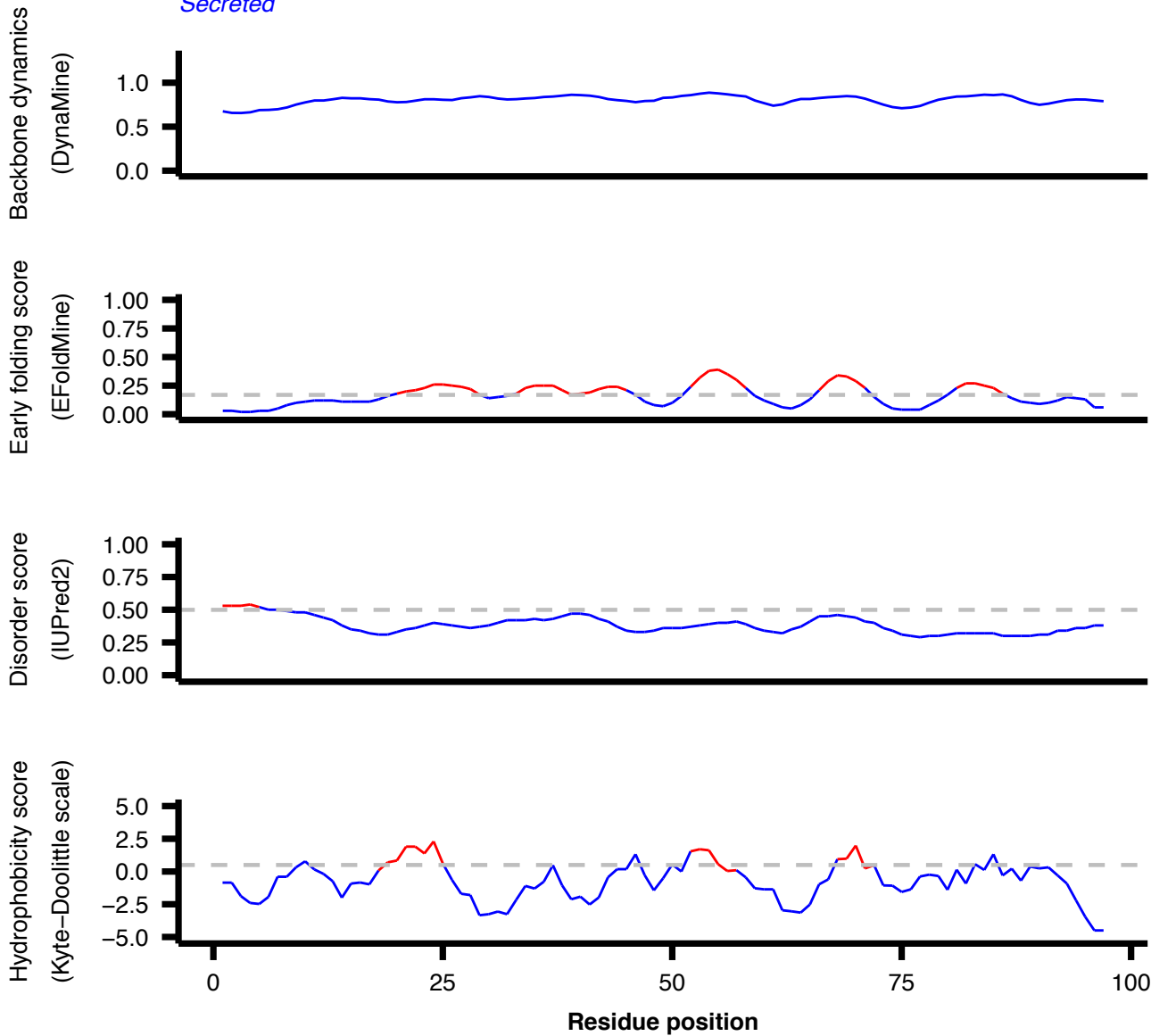
# P0AA91 (YEAY\_ECOLI)

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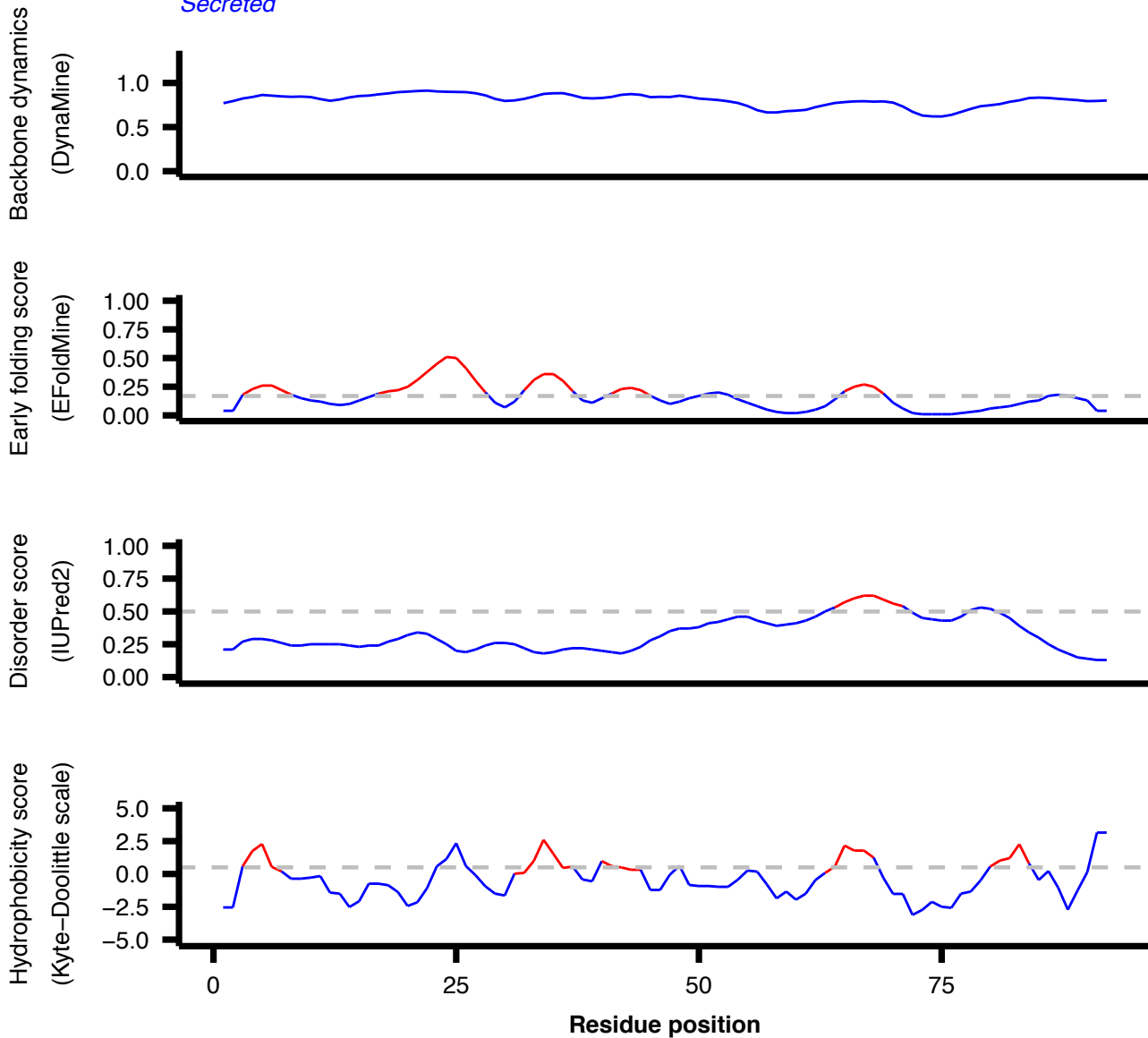
# P33219 (YEBF\_ECOLI)

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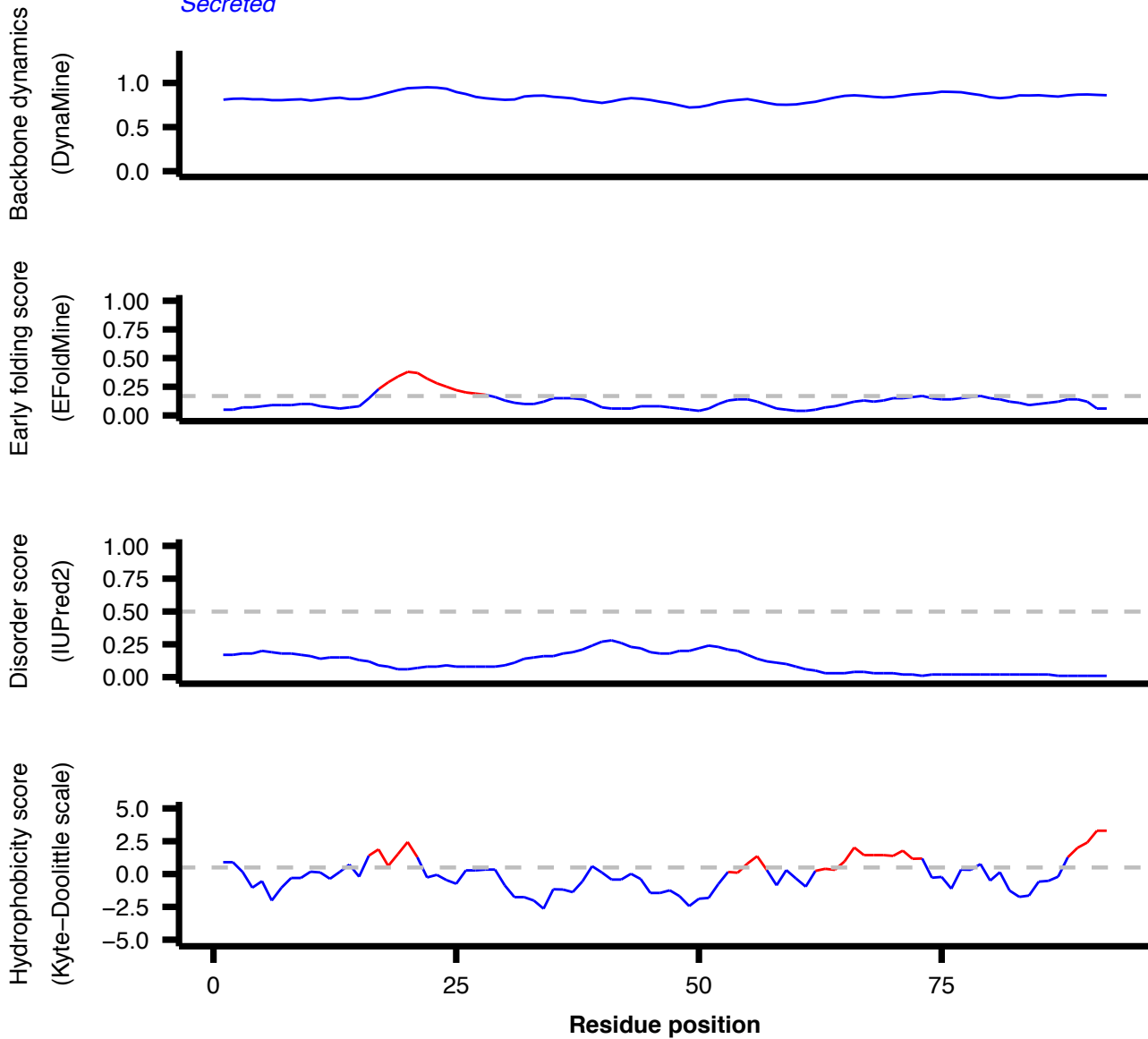
# P64506 (YEBY\_ECOLI)

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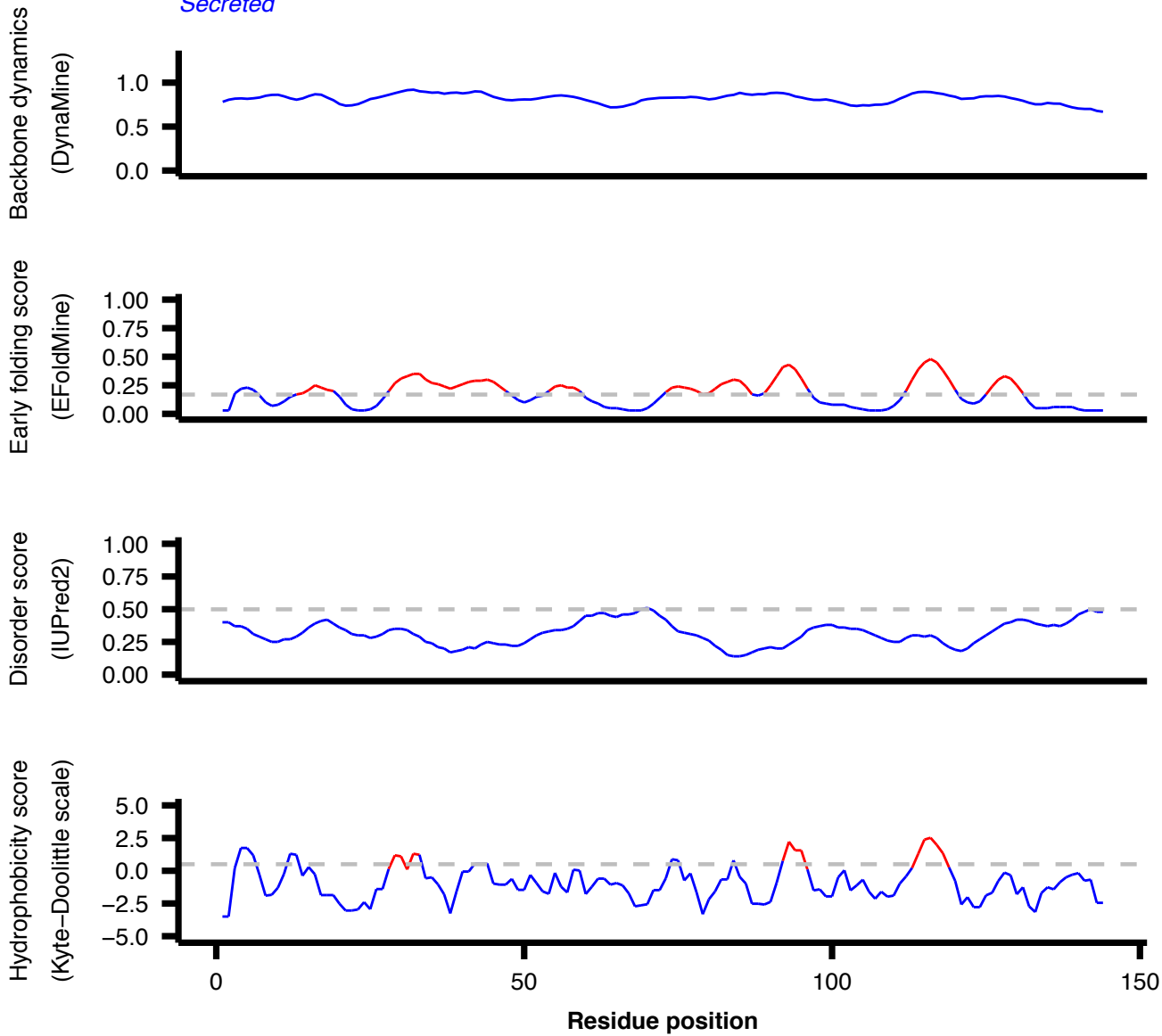
# P76308 (YECR\_ECOLI)

*Secreted*



# P76296 (YECT\_ECOLI)

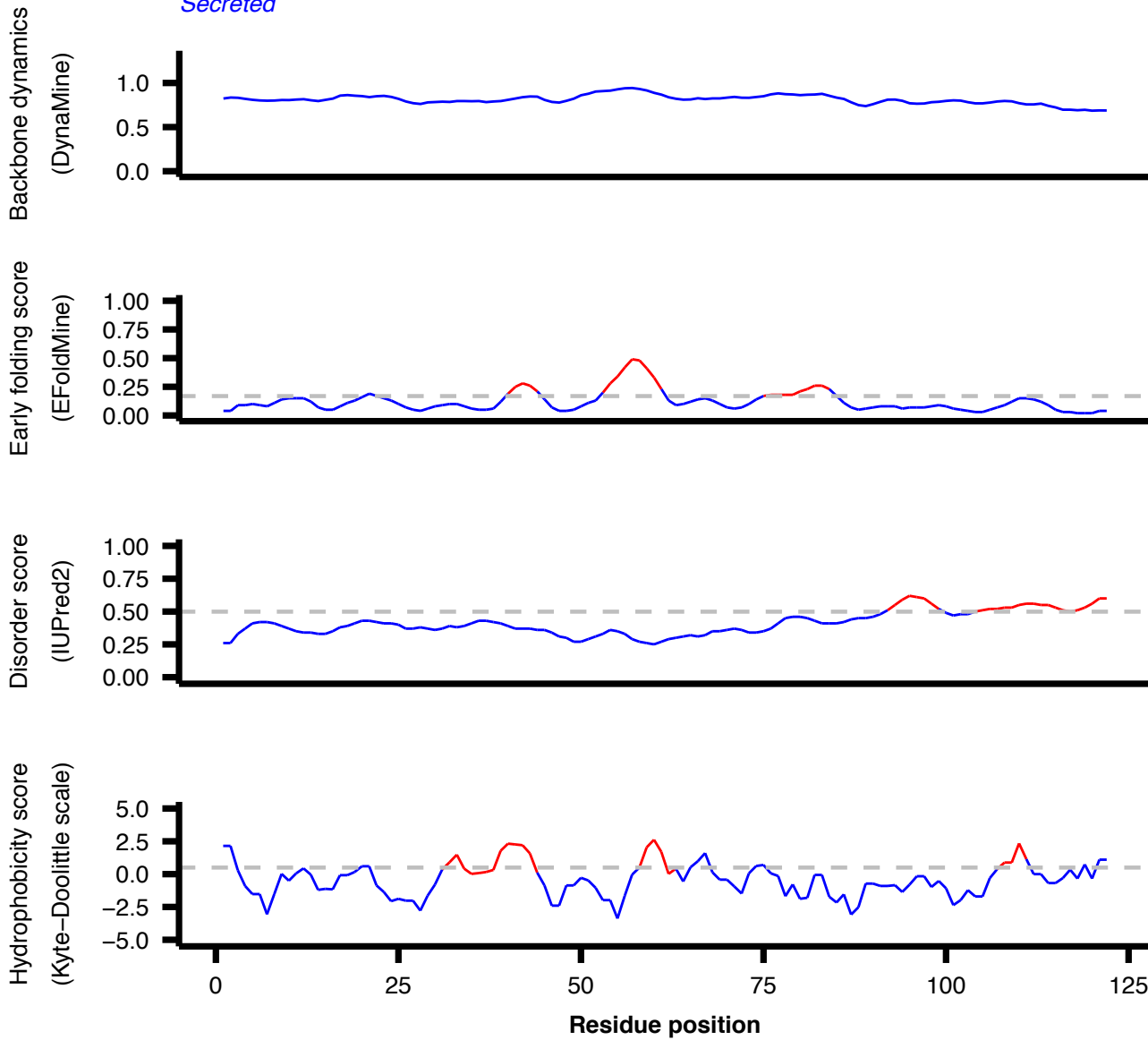
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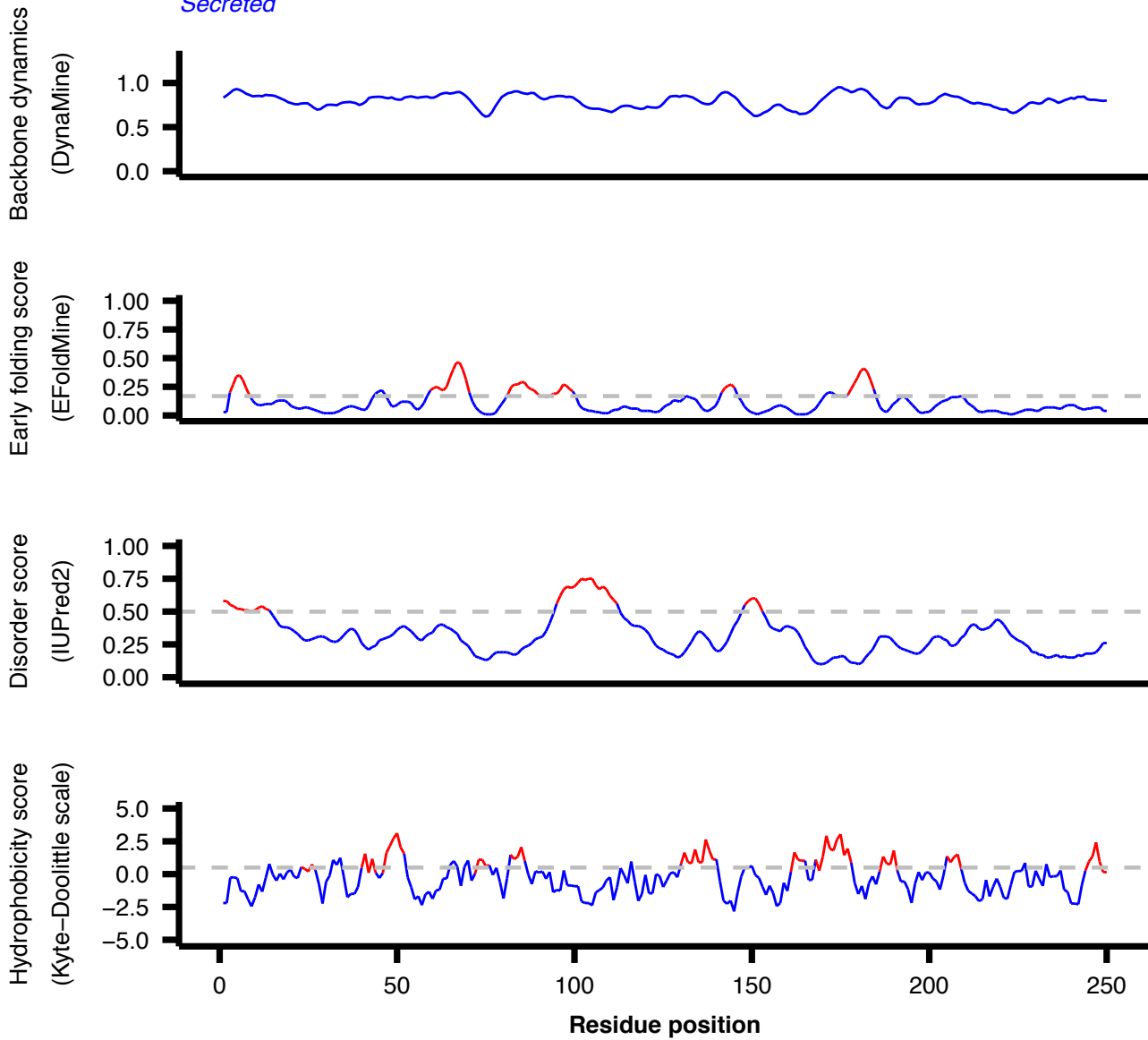
# P31063 (YEDD\_ECOLI)

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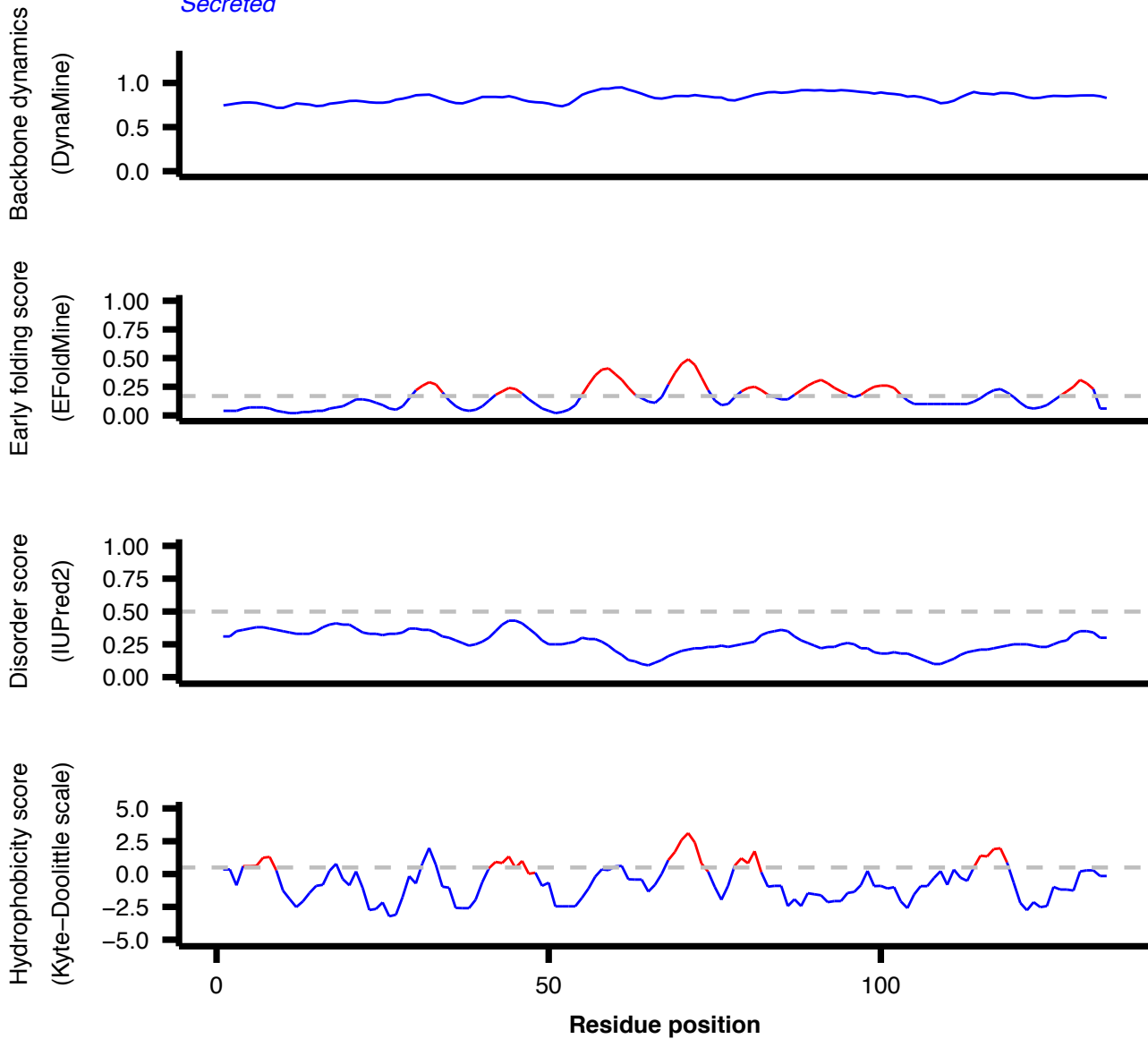
# P0AD12 (YEEZ\_ECOLI)

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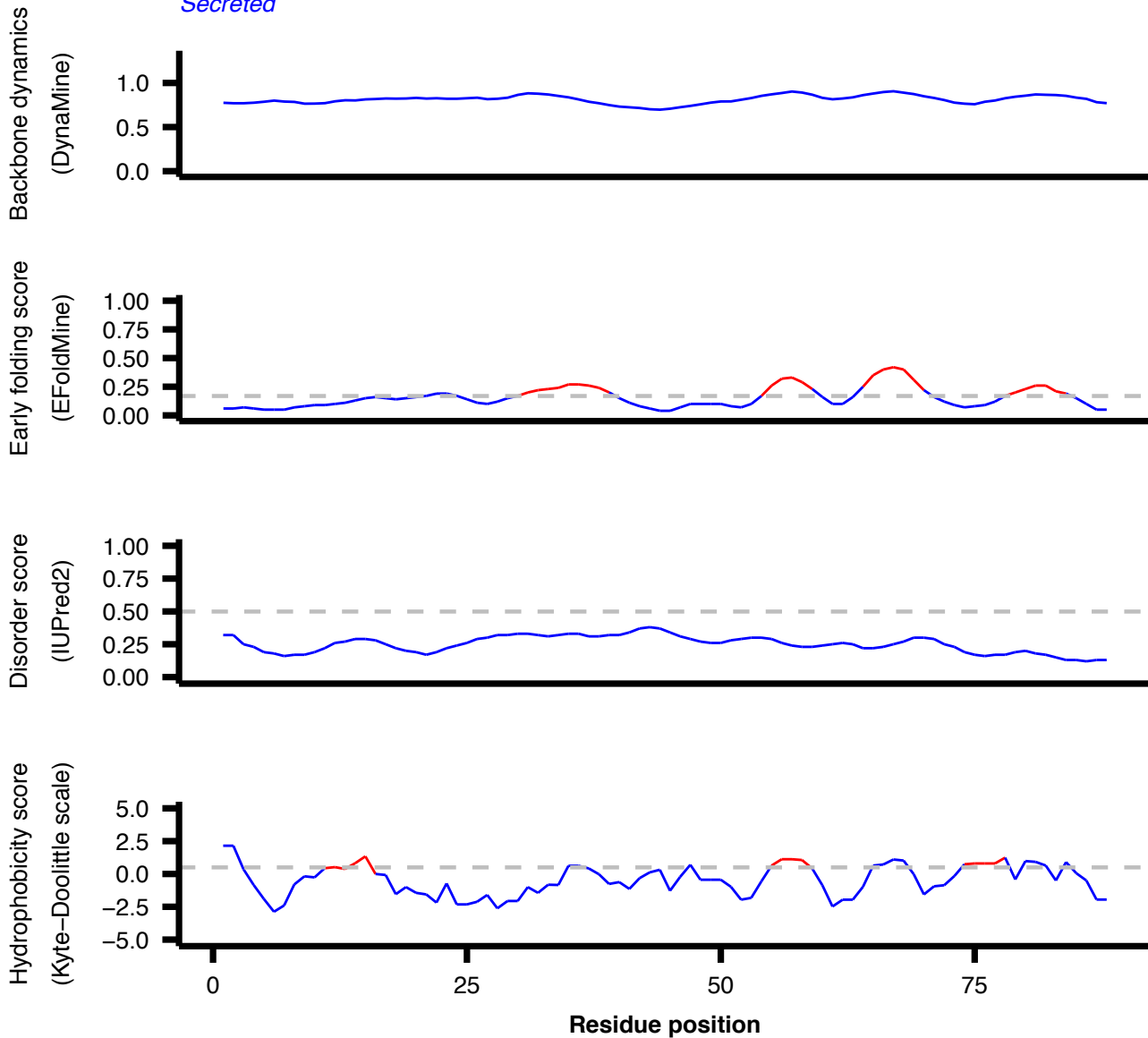
# P76394 (YEGJ\_ECOLI)

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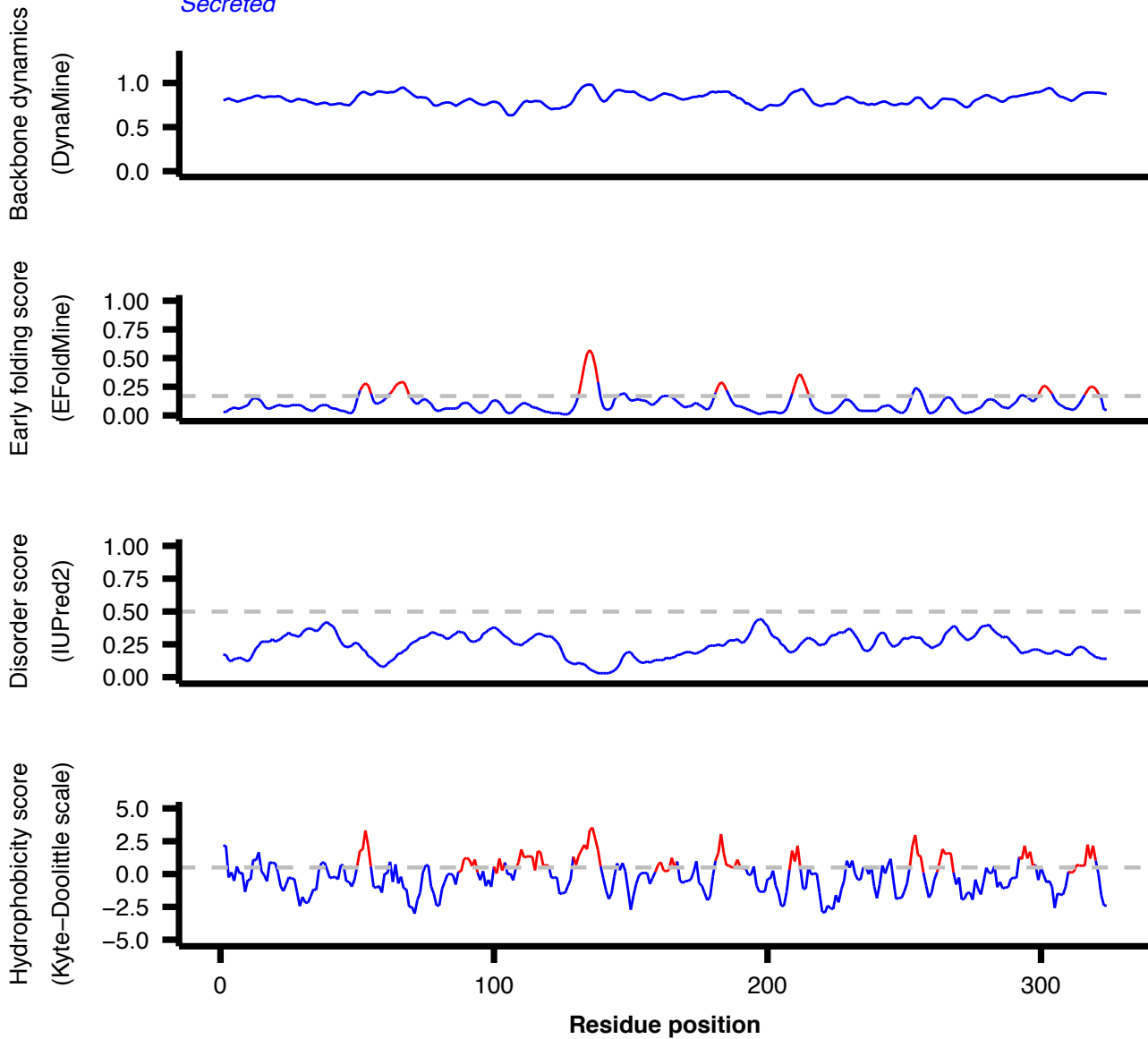
# P76406 (YEGR\_ECOLI)

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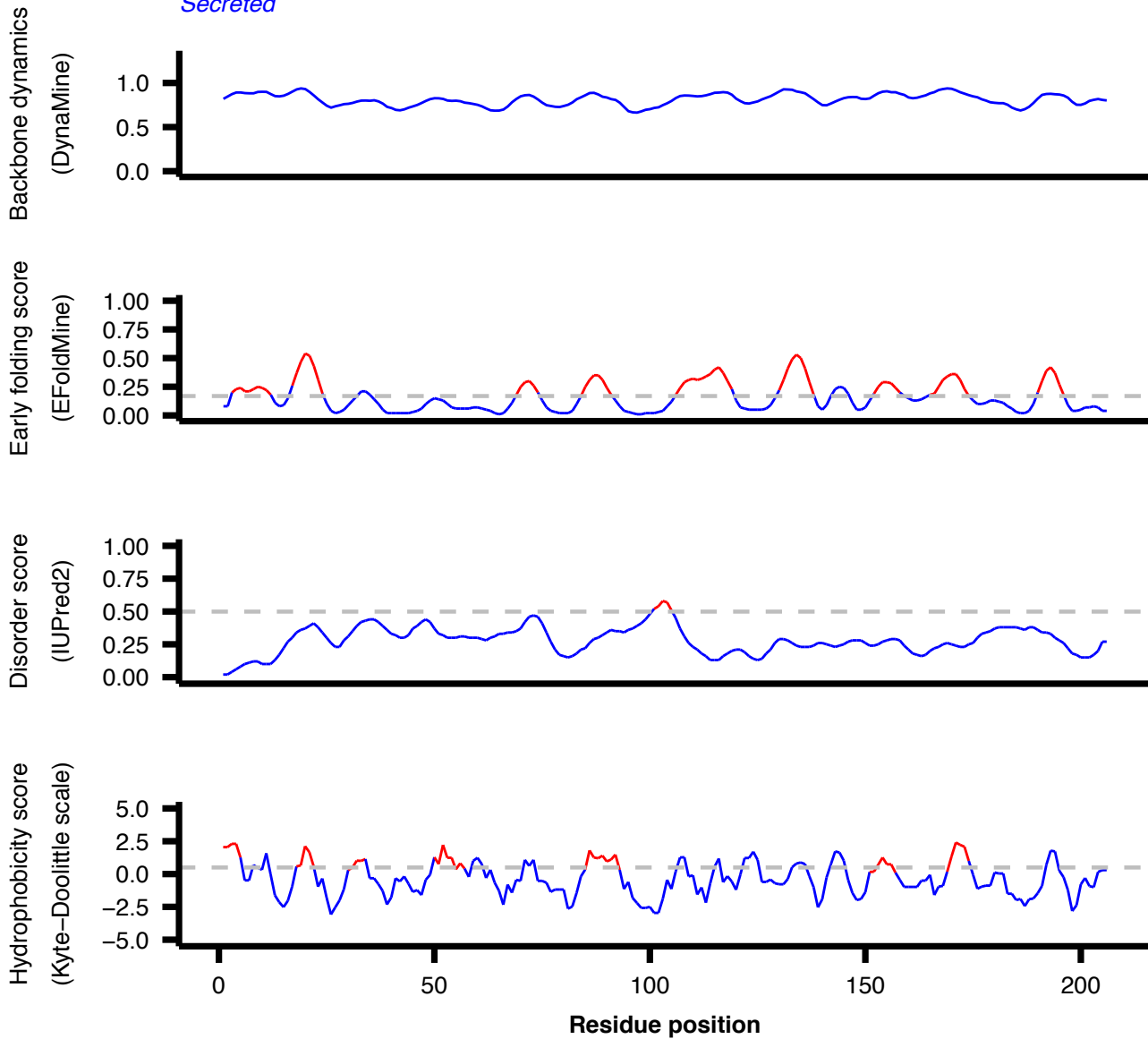
# P33340 (YEHA\_ECOLI)

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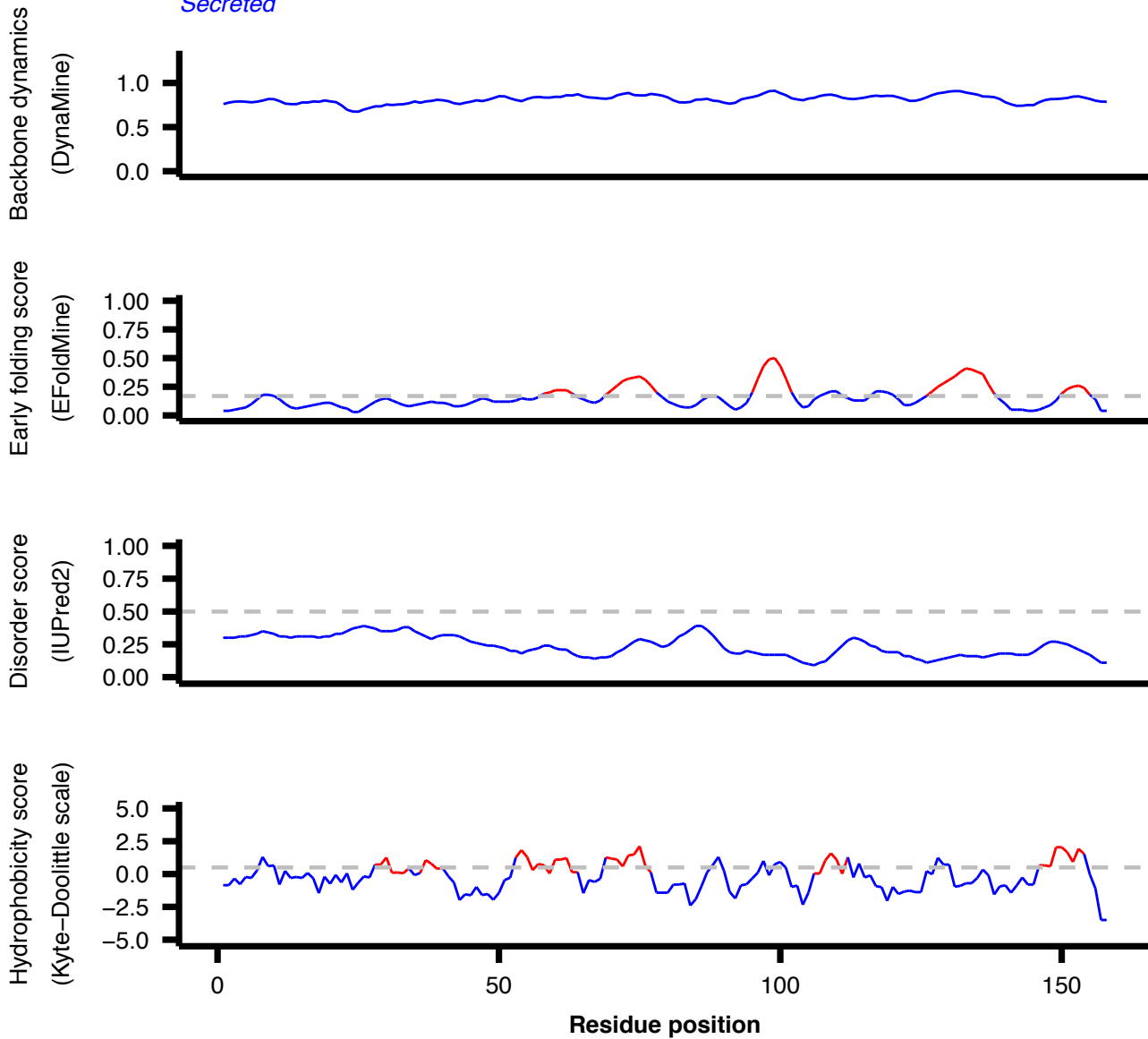
# P33342 (YEHC\_ECOLI)

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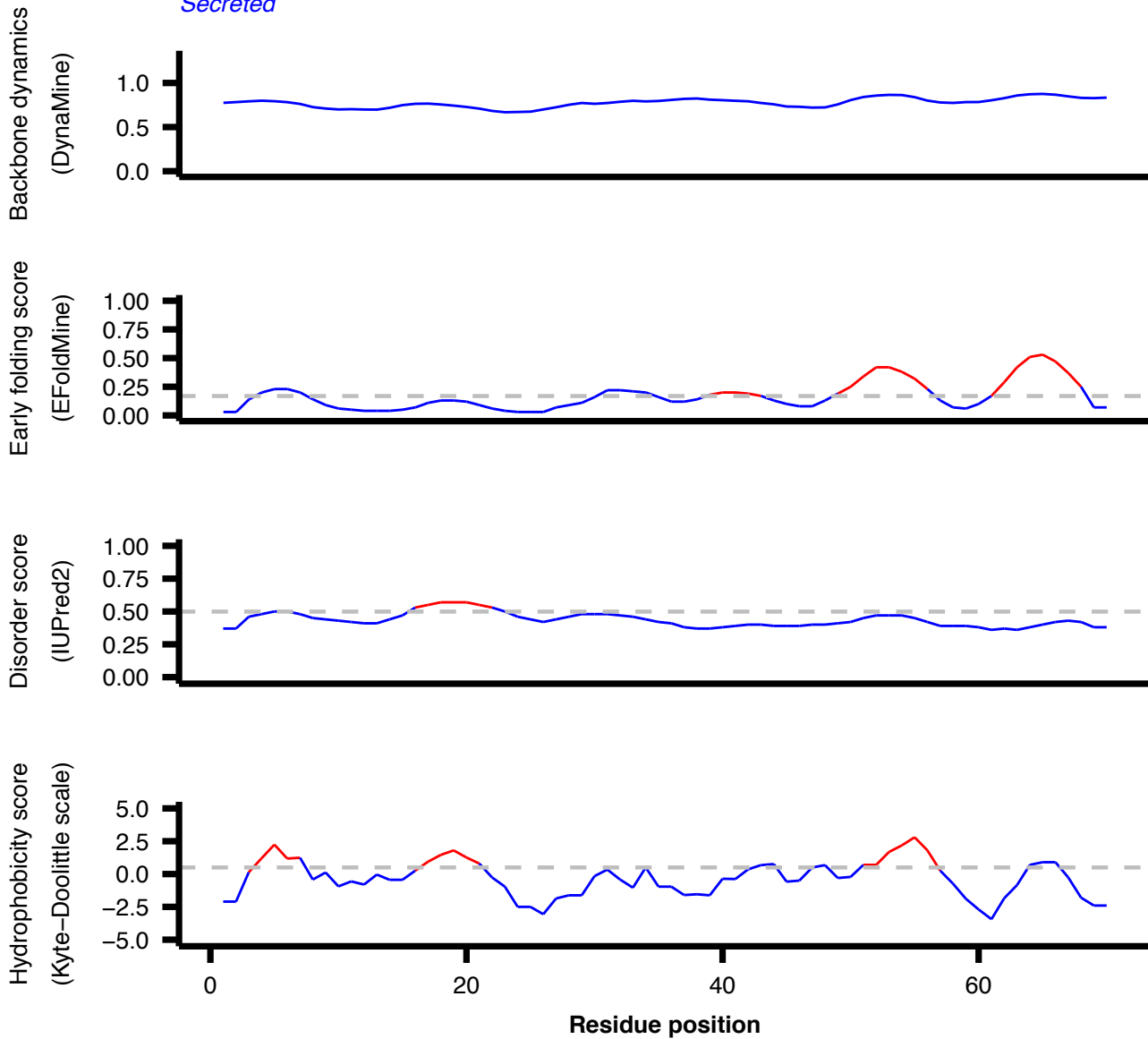
# P33343 (YEHD\_ECOLI)

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# P33344 (YEHE\_ECOLI)

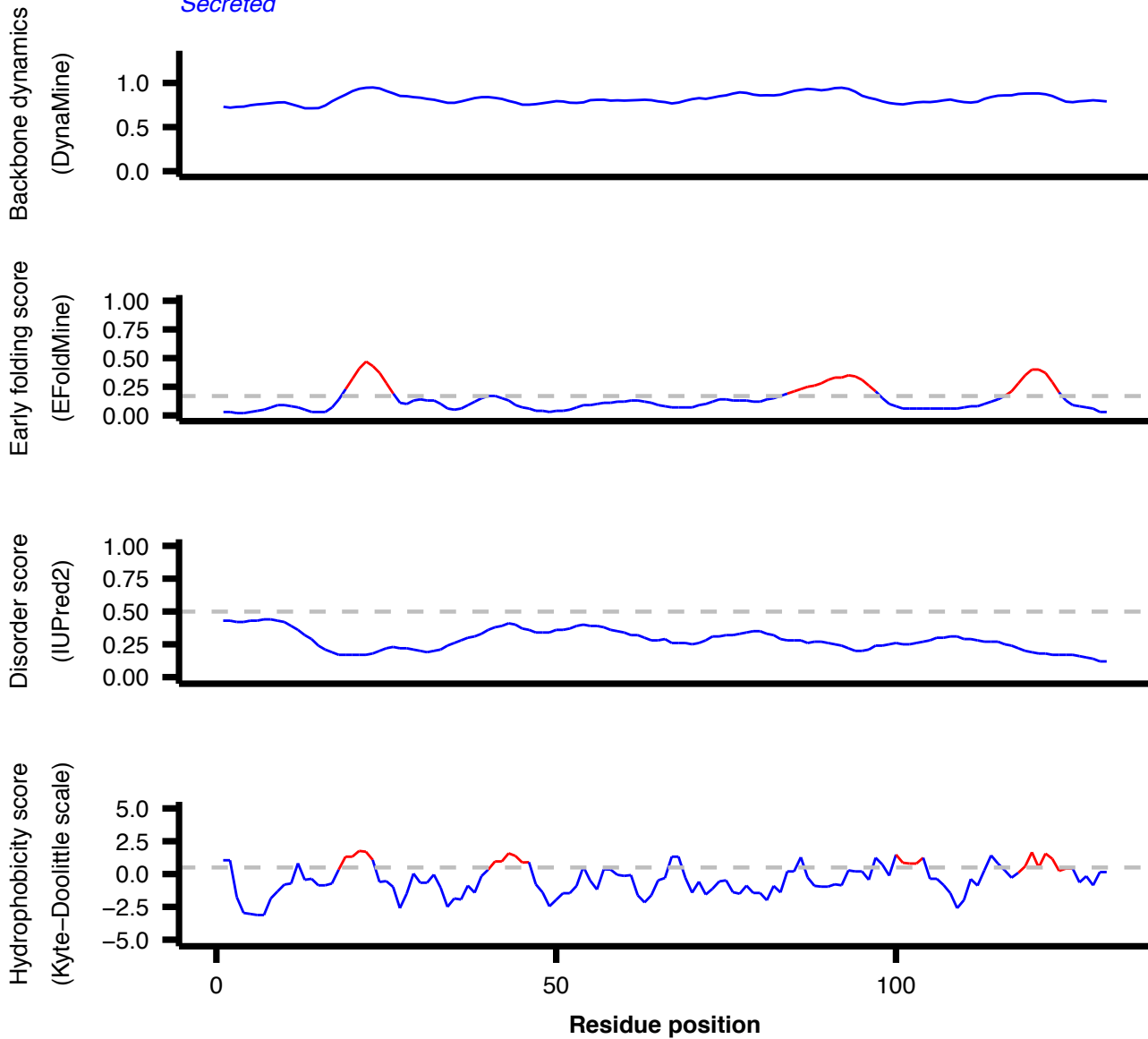
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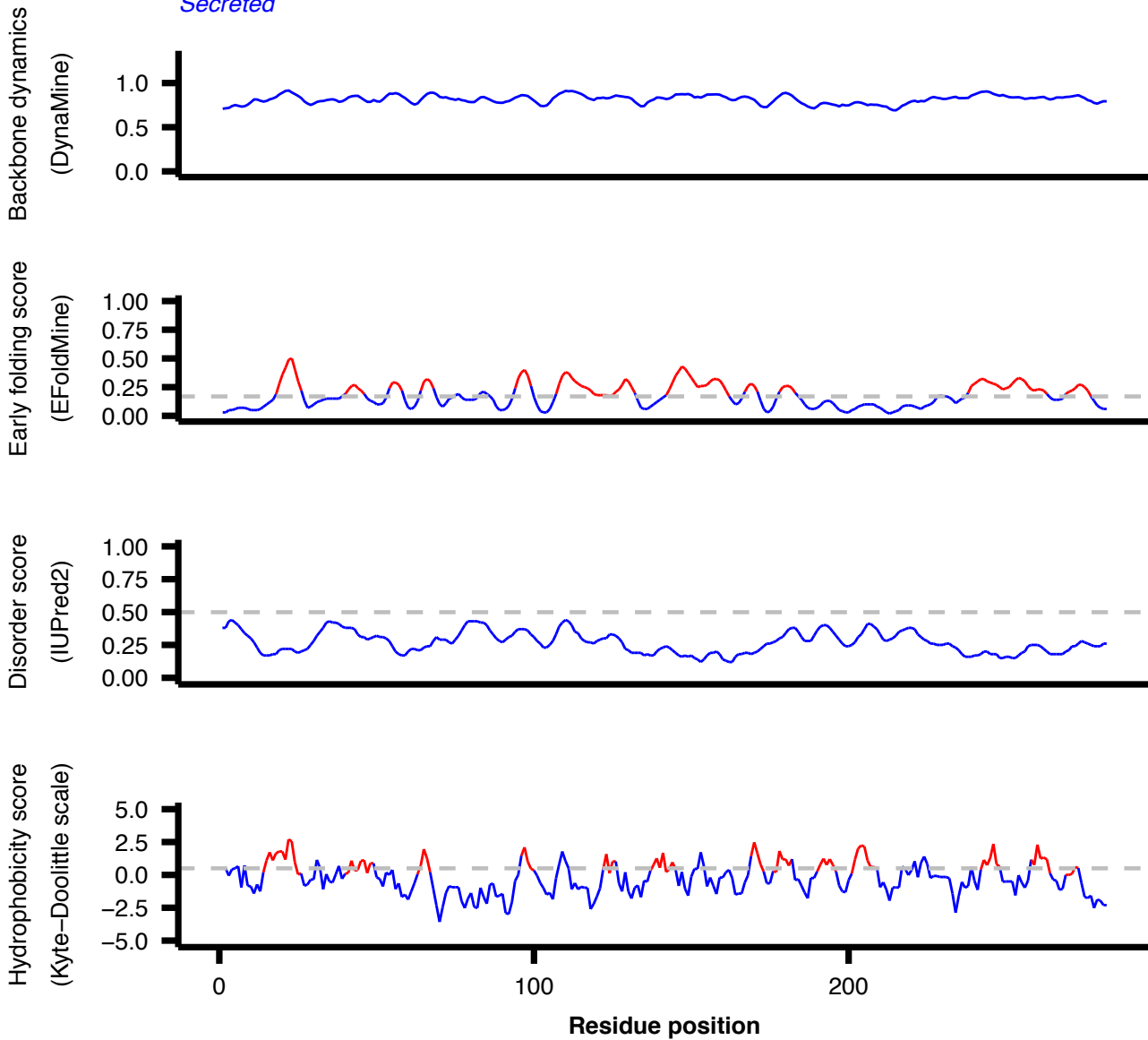
# P33354 (YEHR\_ECOLI)

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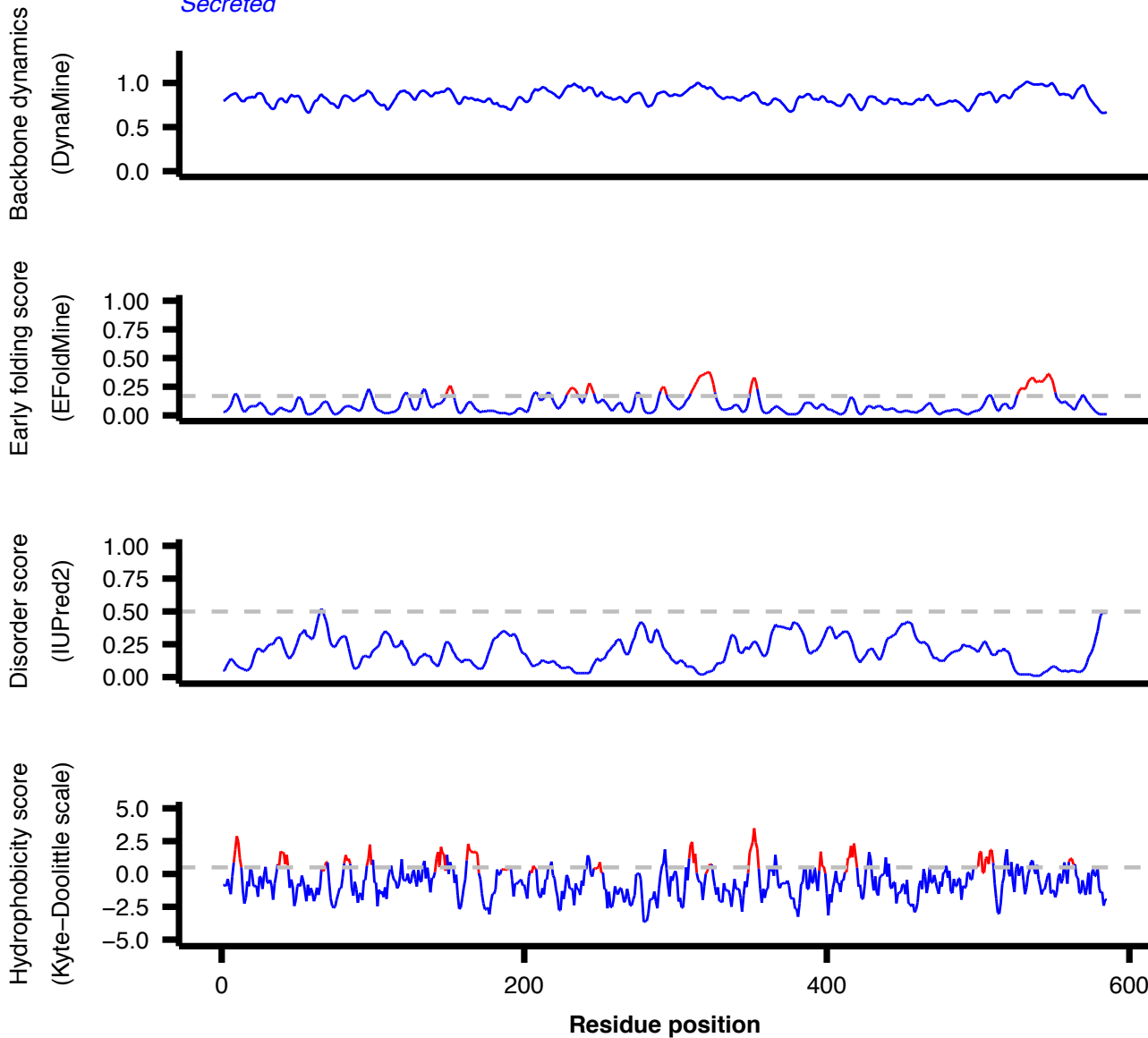
# P33362 (YEHZ\_ECOLI)

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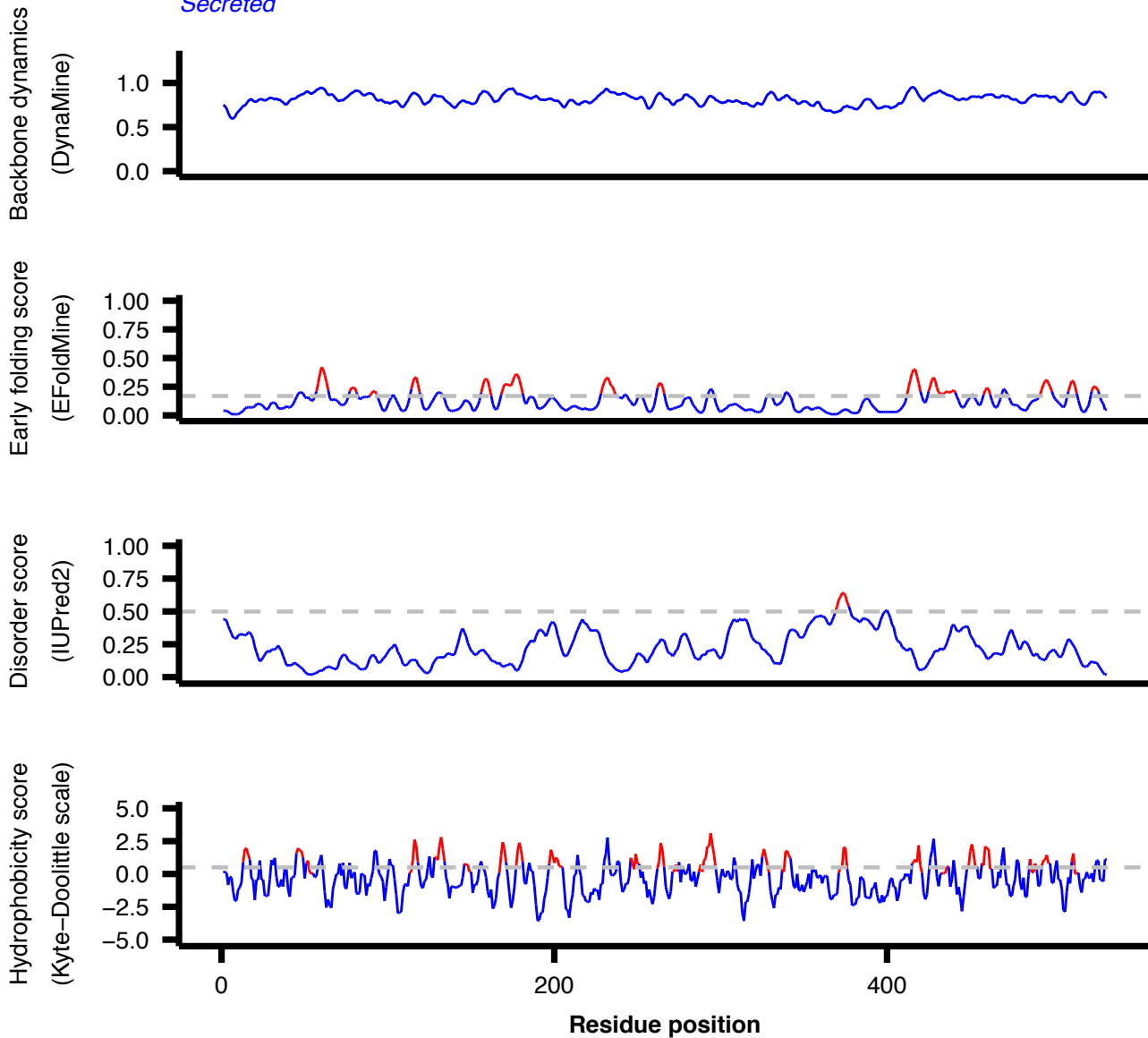
# P33913 (YEJA\_ECOLI)

*Secreted*



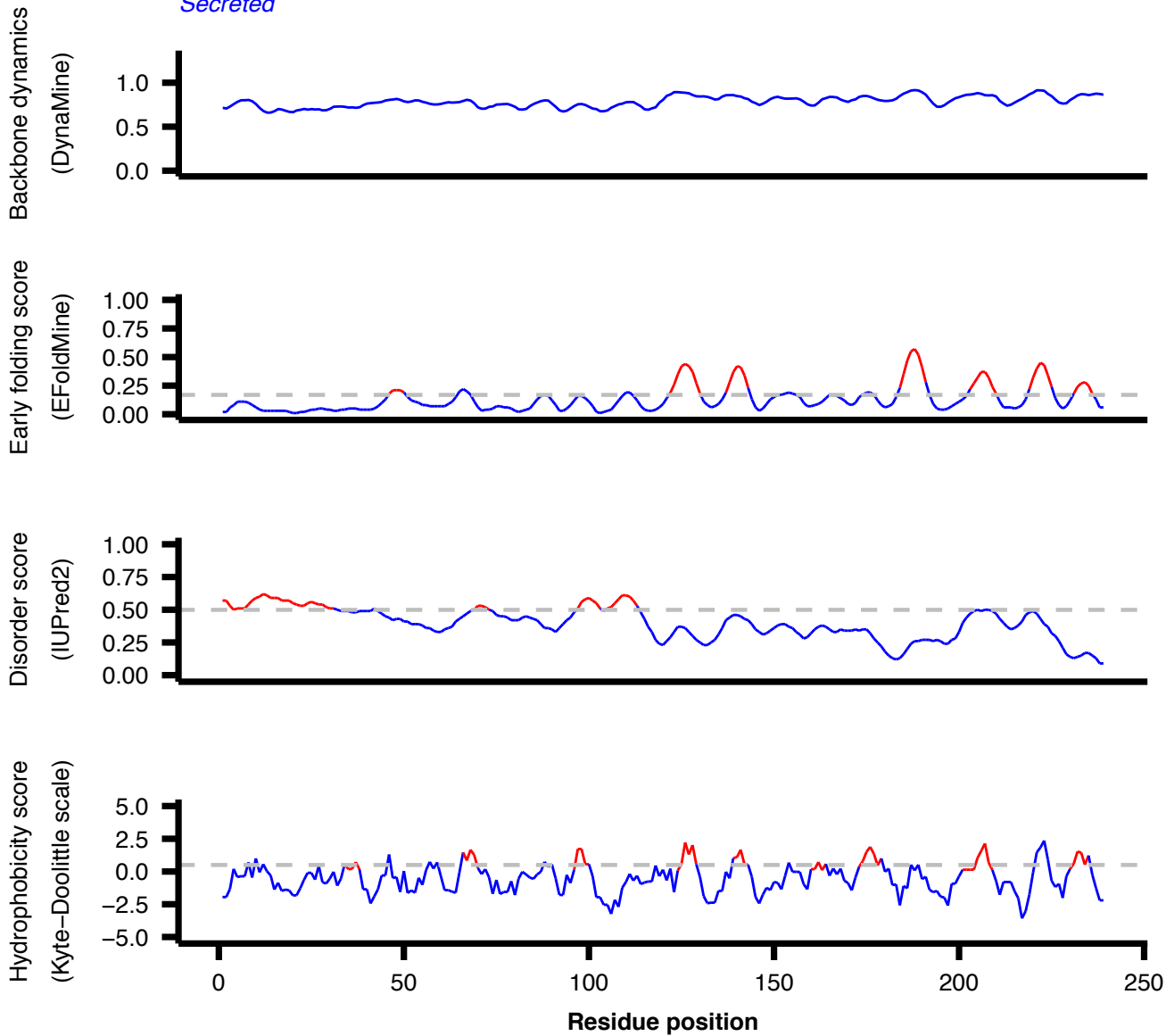
# P17994 (YFAA\_ECOLI)

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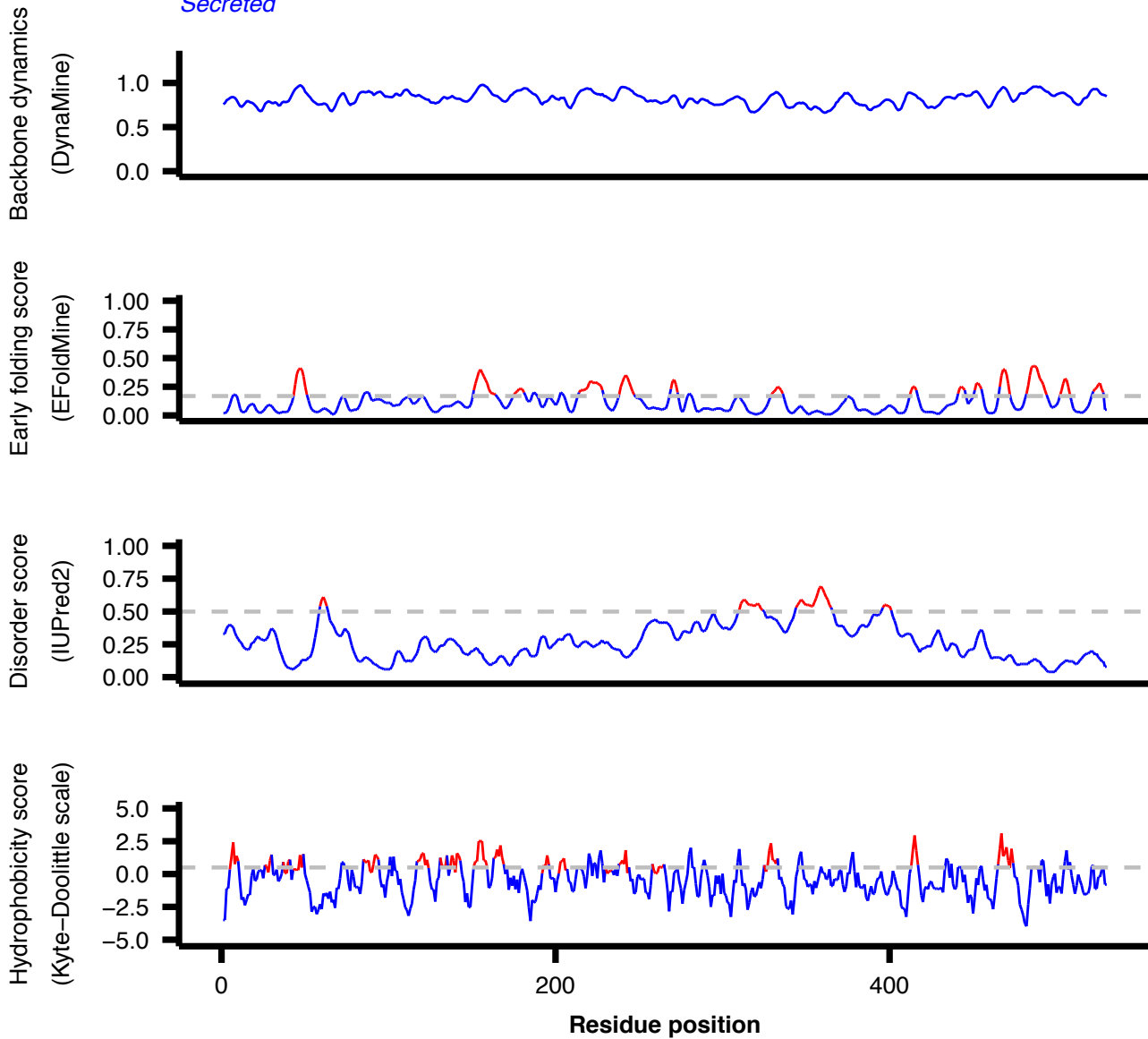
# P76462 (YFAP\_ECOLI)

*Secreted*



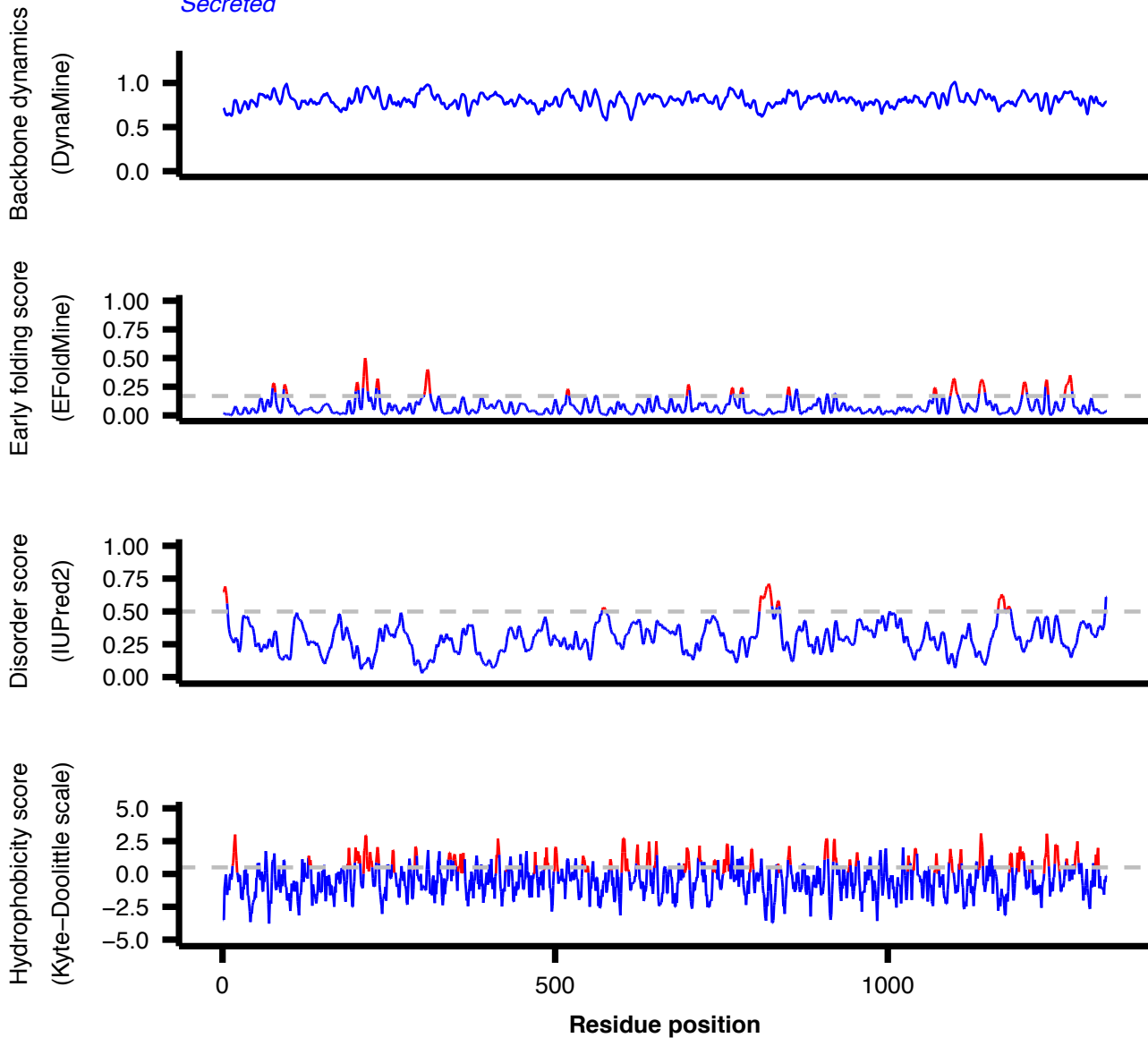
# P76463 (YFAQ\_ECOLI)

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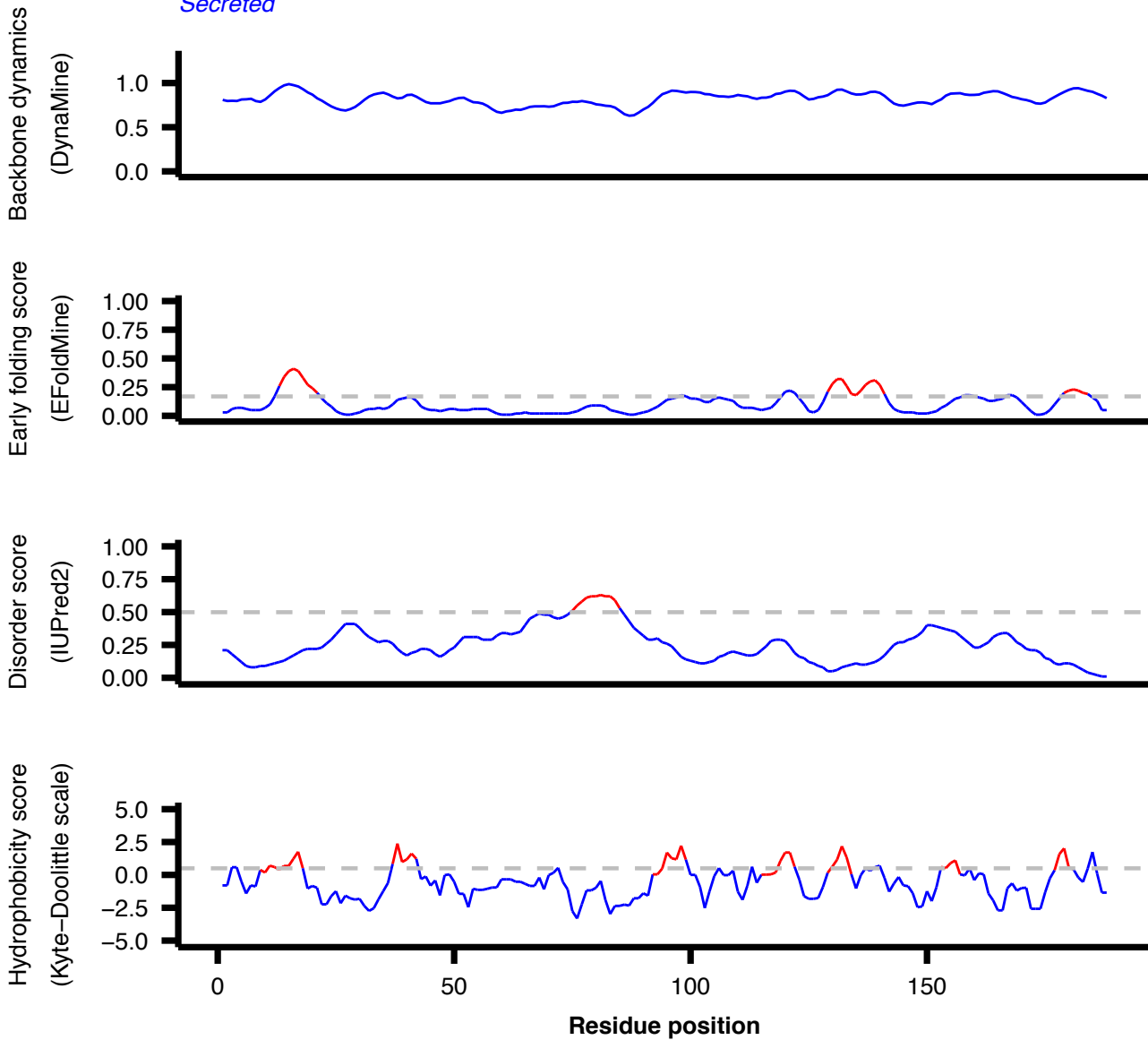
# P76464 (YFAS\_ECOLI)

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# P76466 (YFAT\_ECOLI)

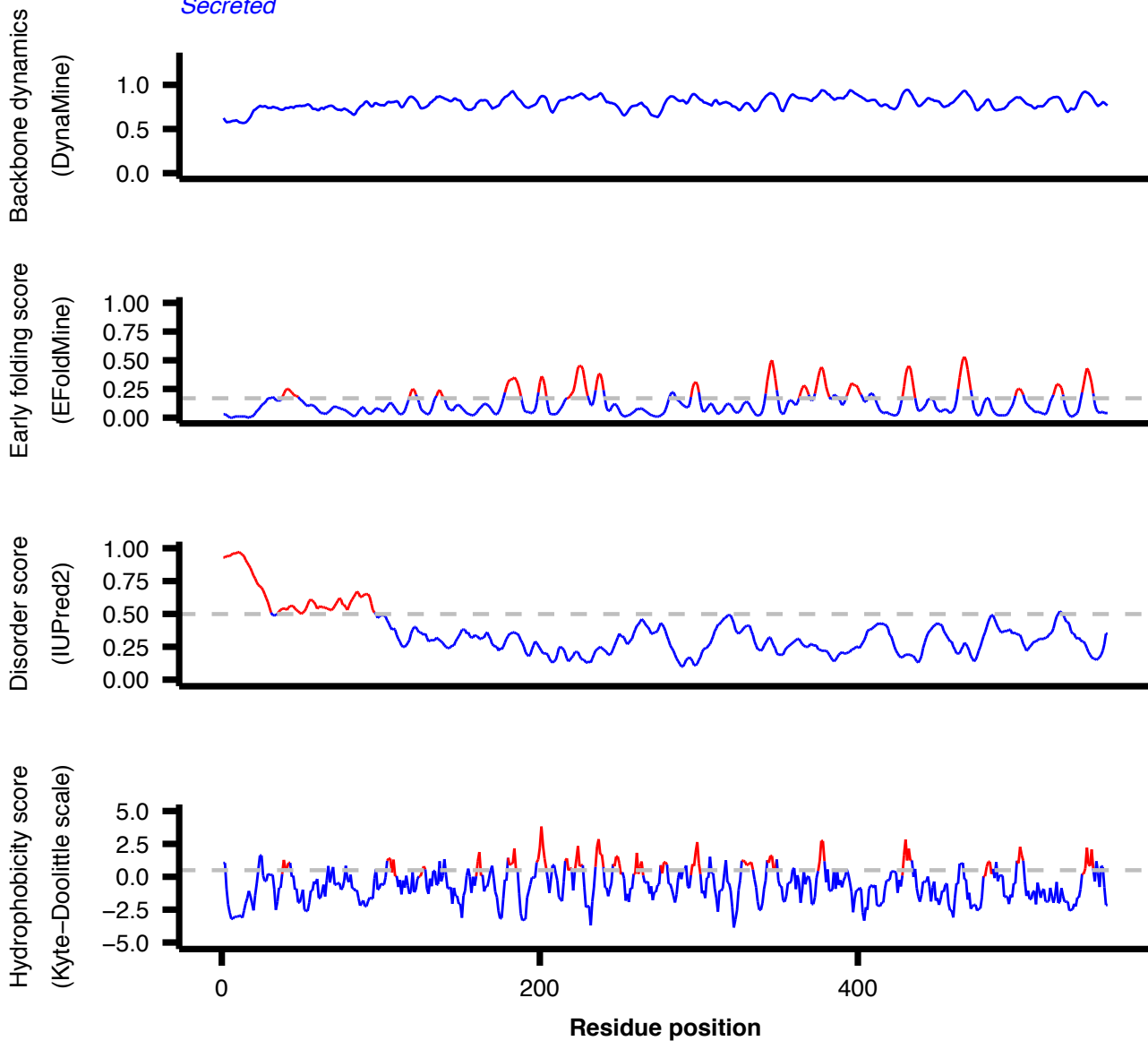
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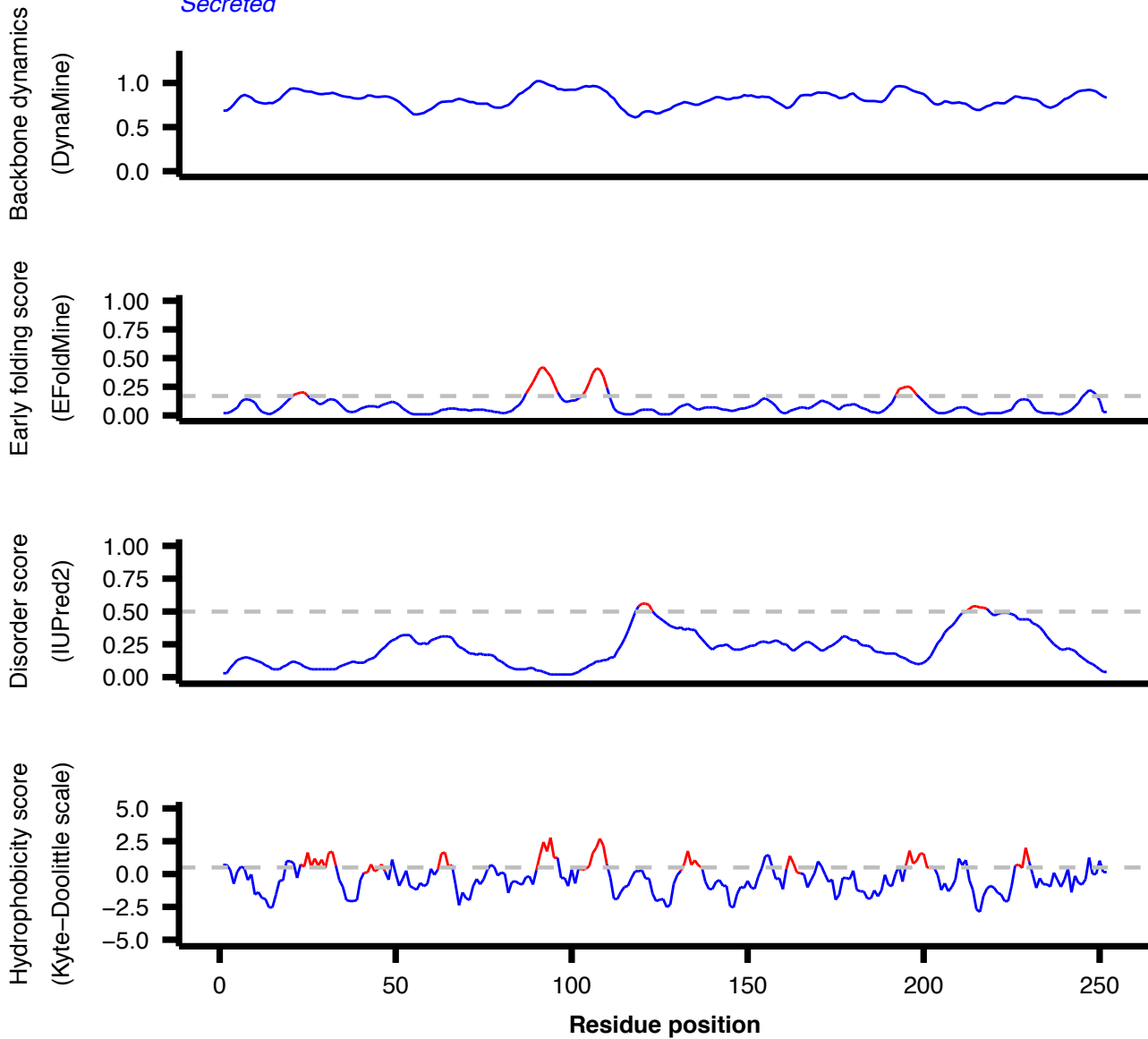
# P76481 (YFBK\_ECOLI)

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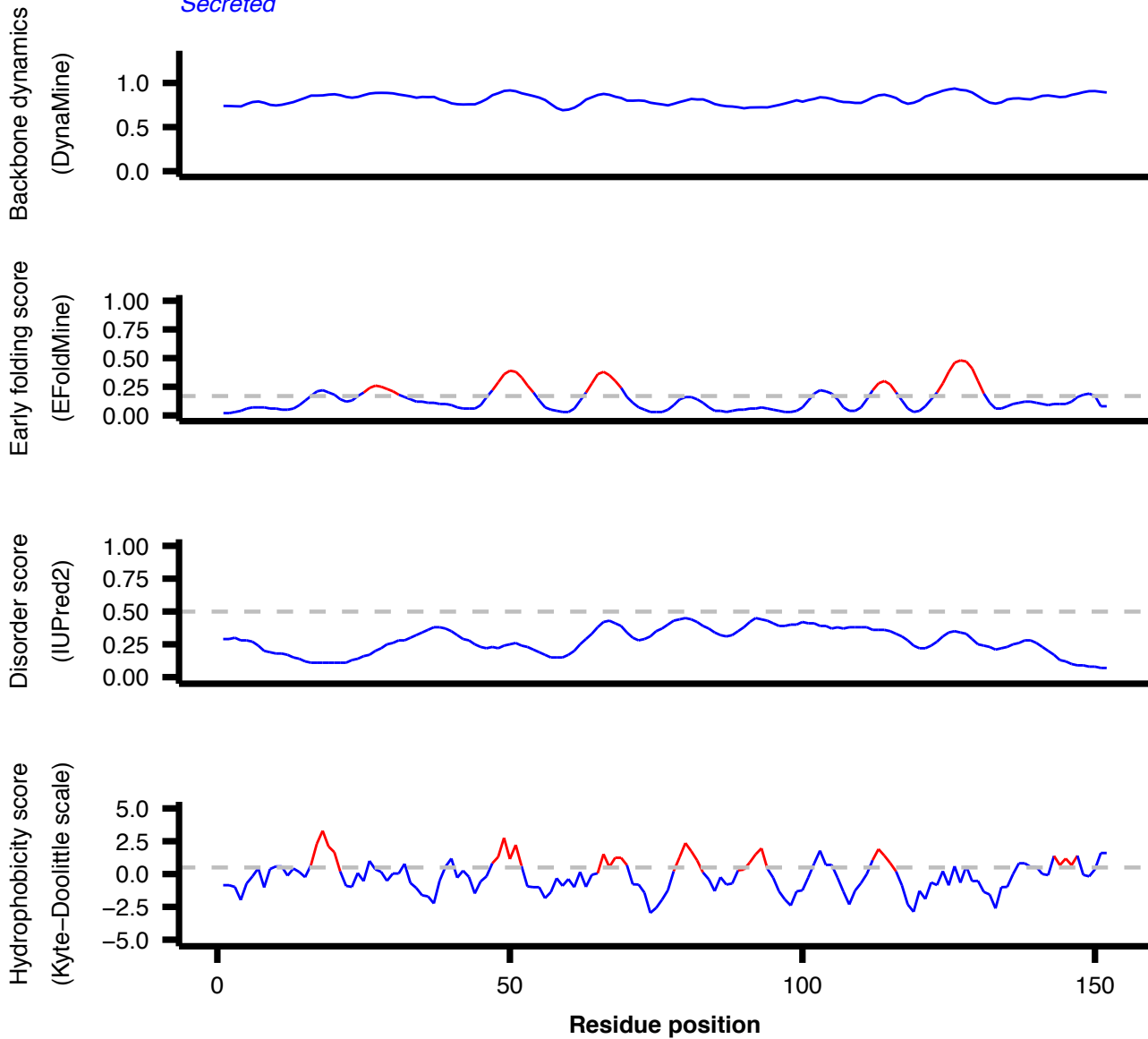
# P76498 (YFCO\_ECOLI)

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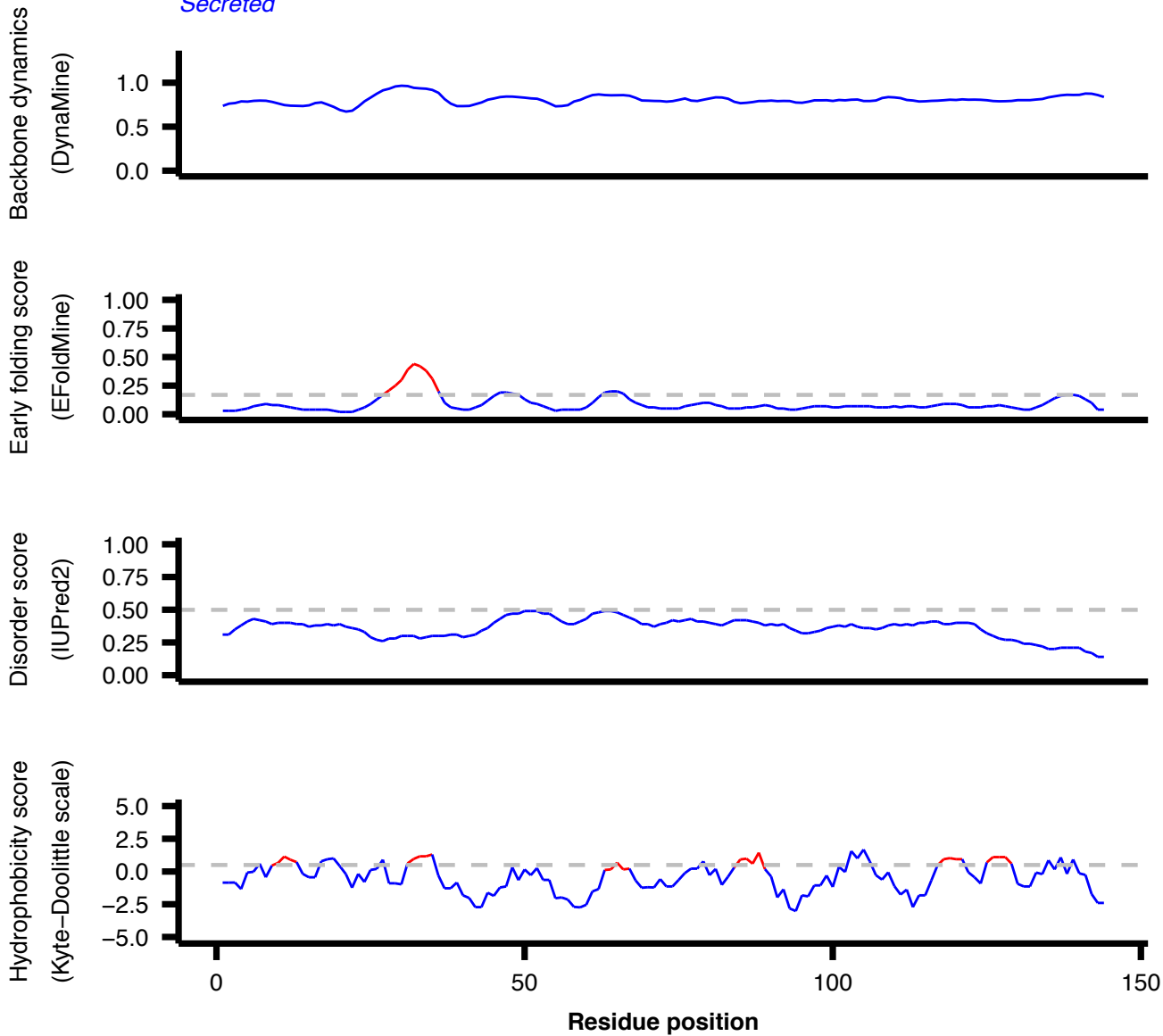
# P76499 (YFCP\_ECOLI)

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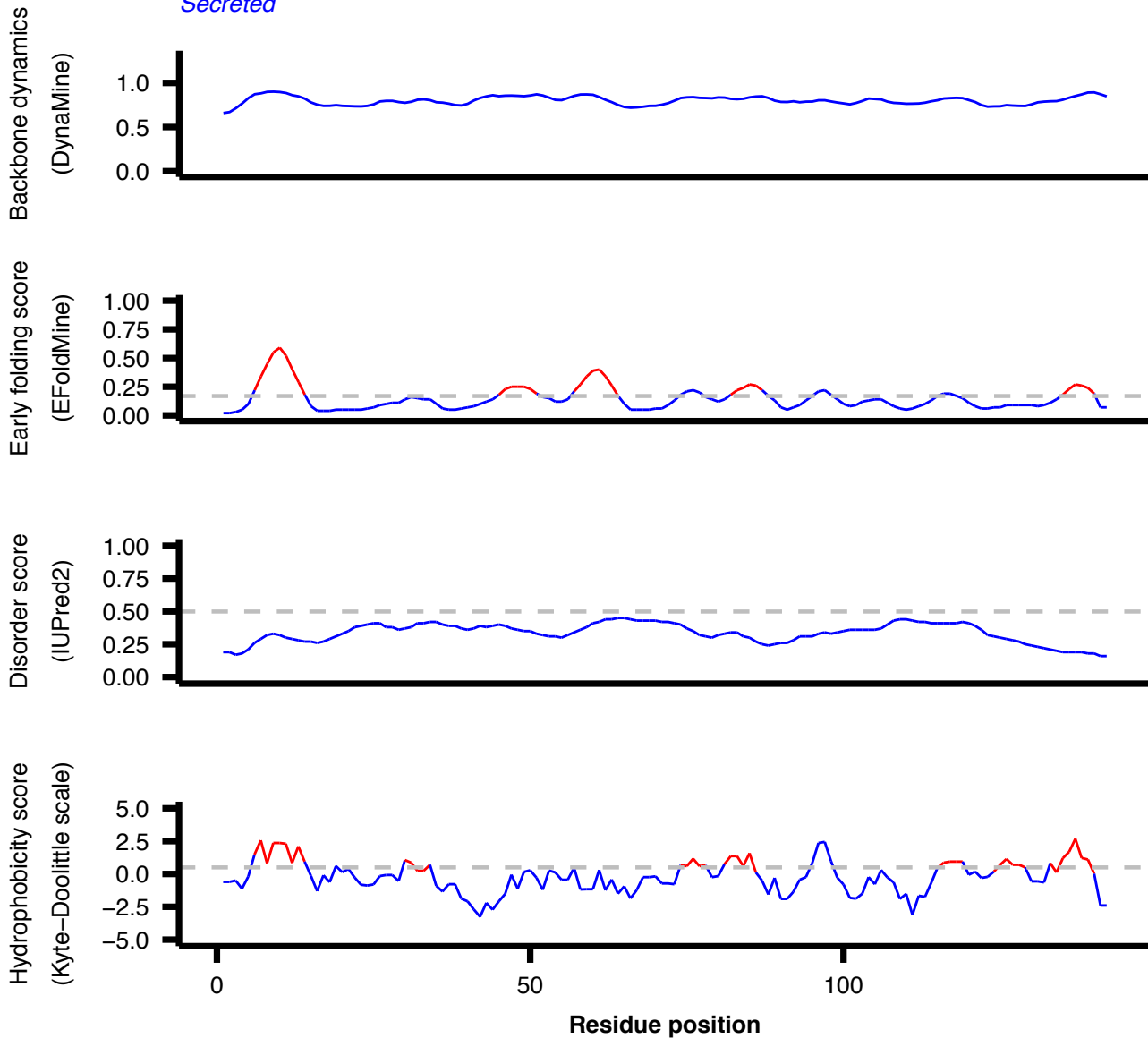
# P76500 (YFCQ\_ECOLI)

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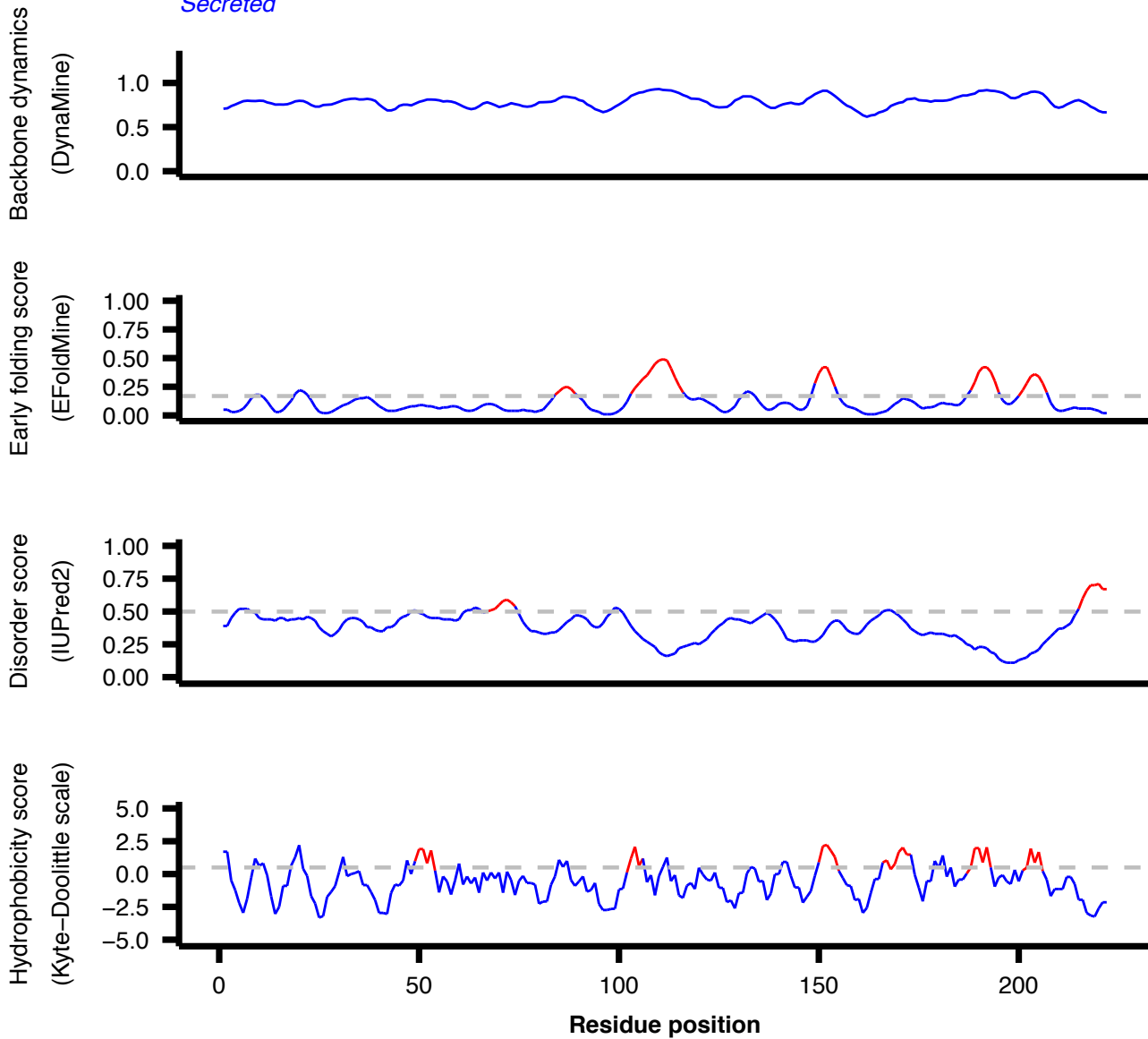
# P76501 (YFCR\_ECOLI)

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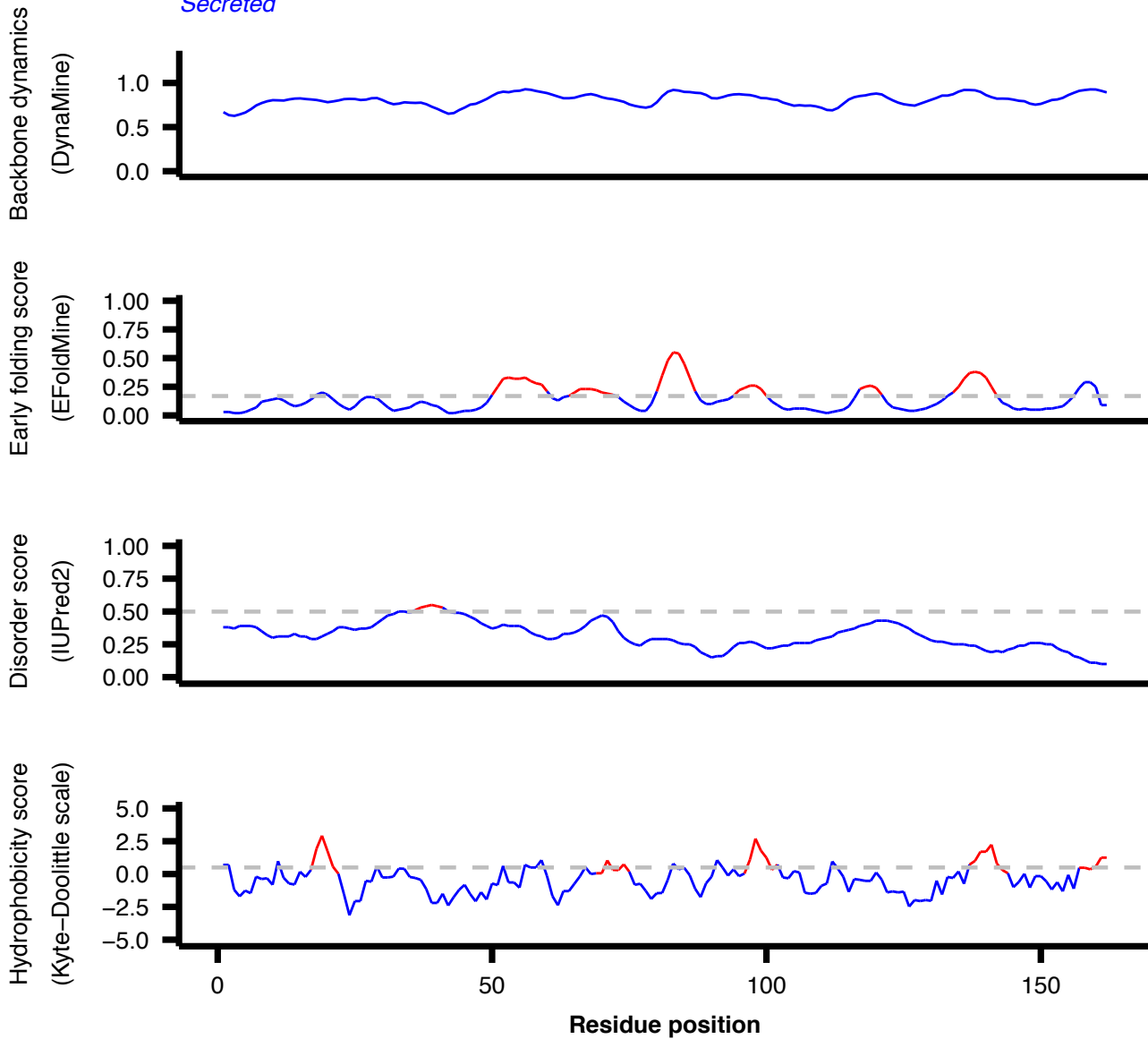
# P77599 (YFCS\_ECOLI)

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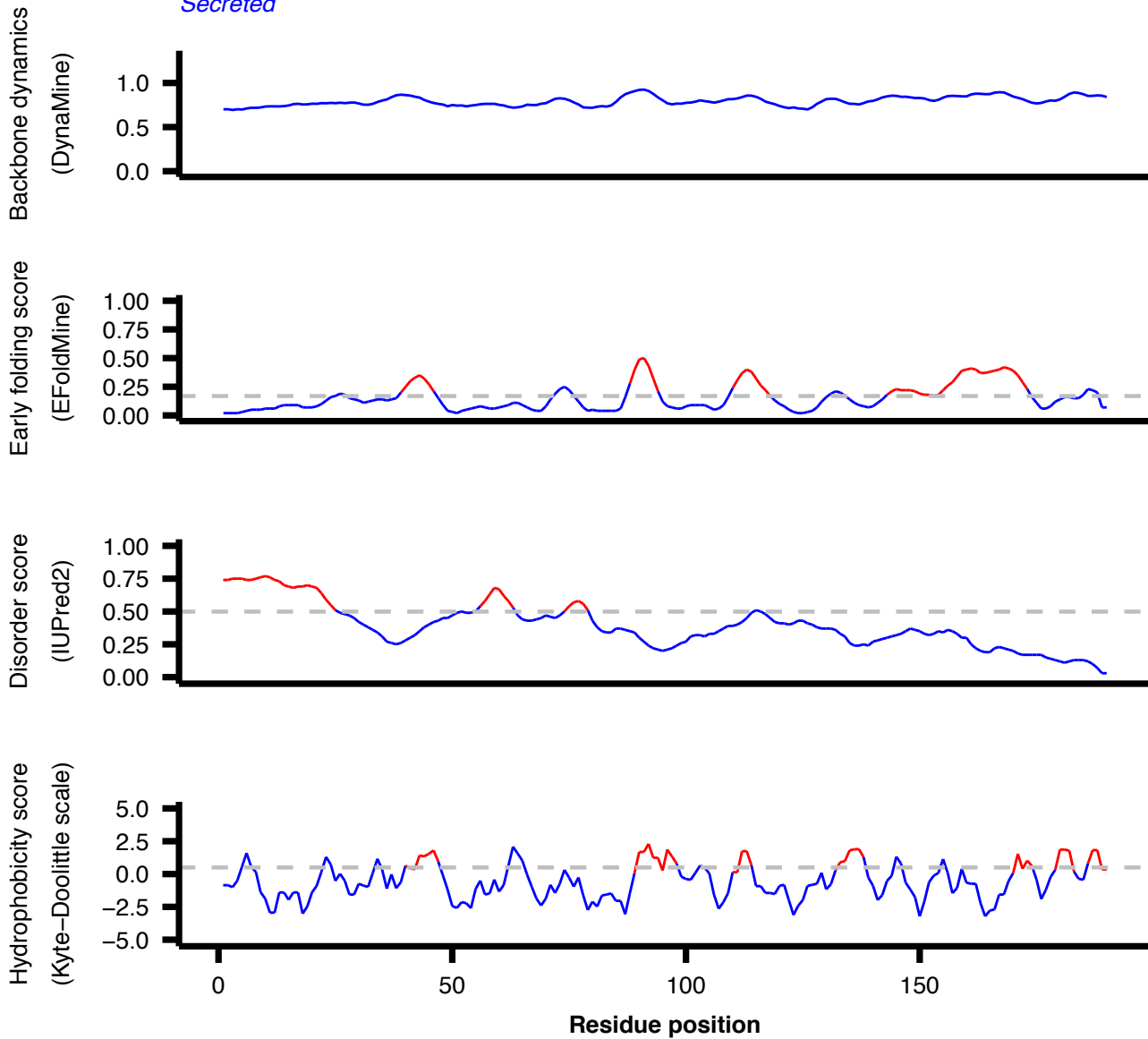
# P77288 (YFCV\_ECOLI)

*Secreted*



# P76520 (YFDX\_ECOLI)

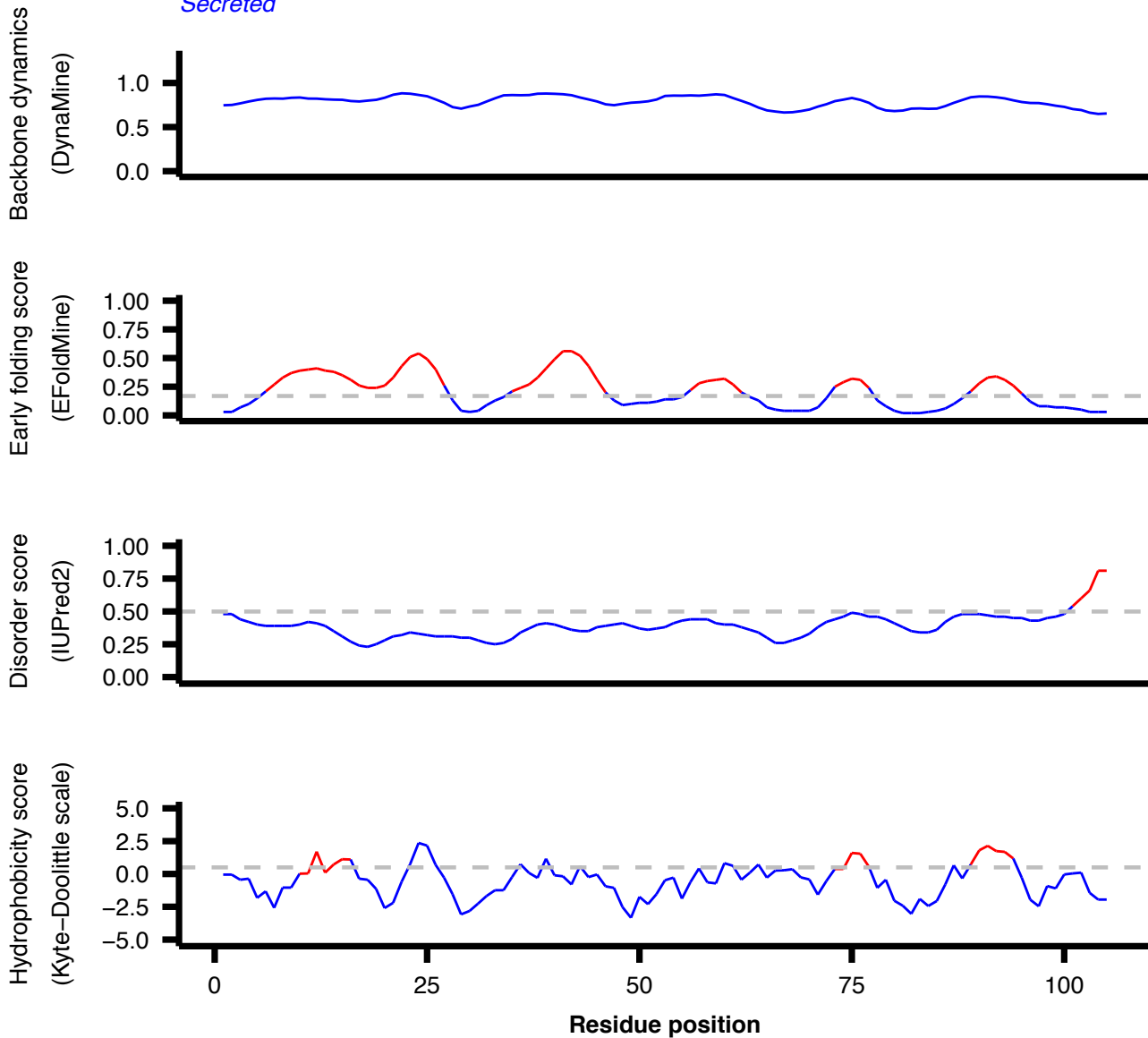
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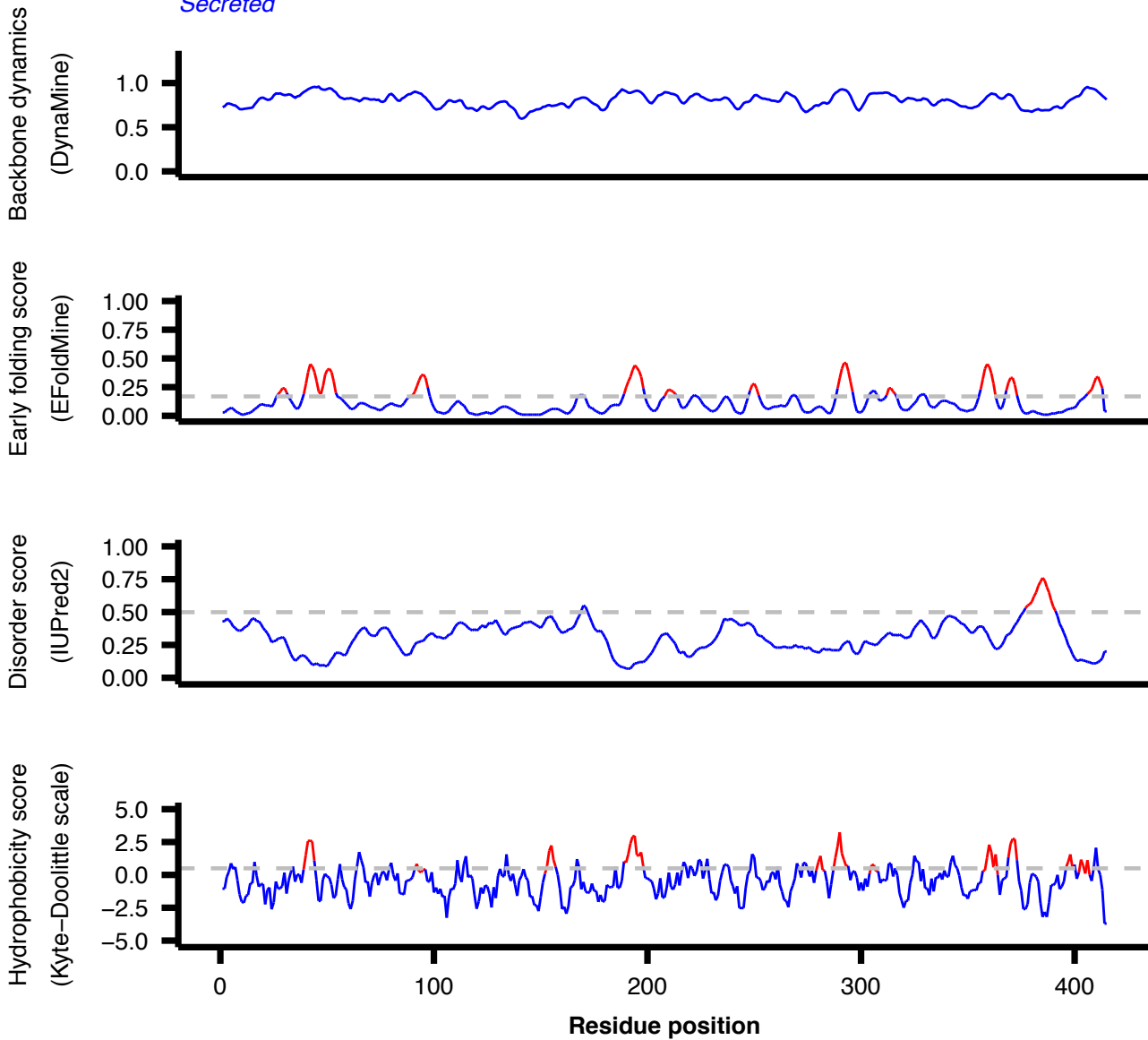
# Q47702 (YFEK\_ECOLI)

*Secreted*



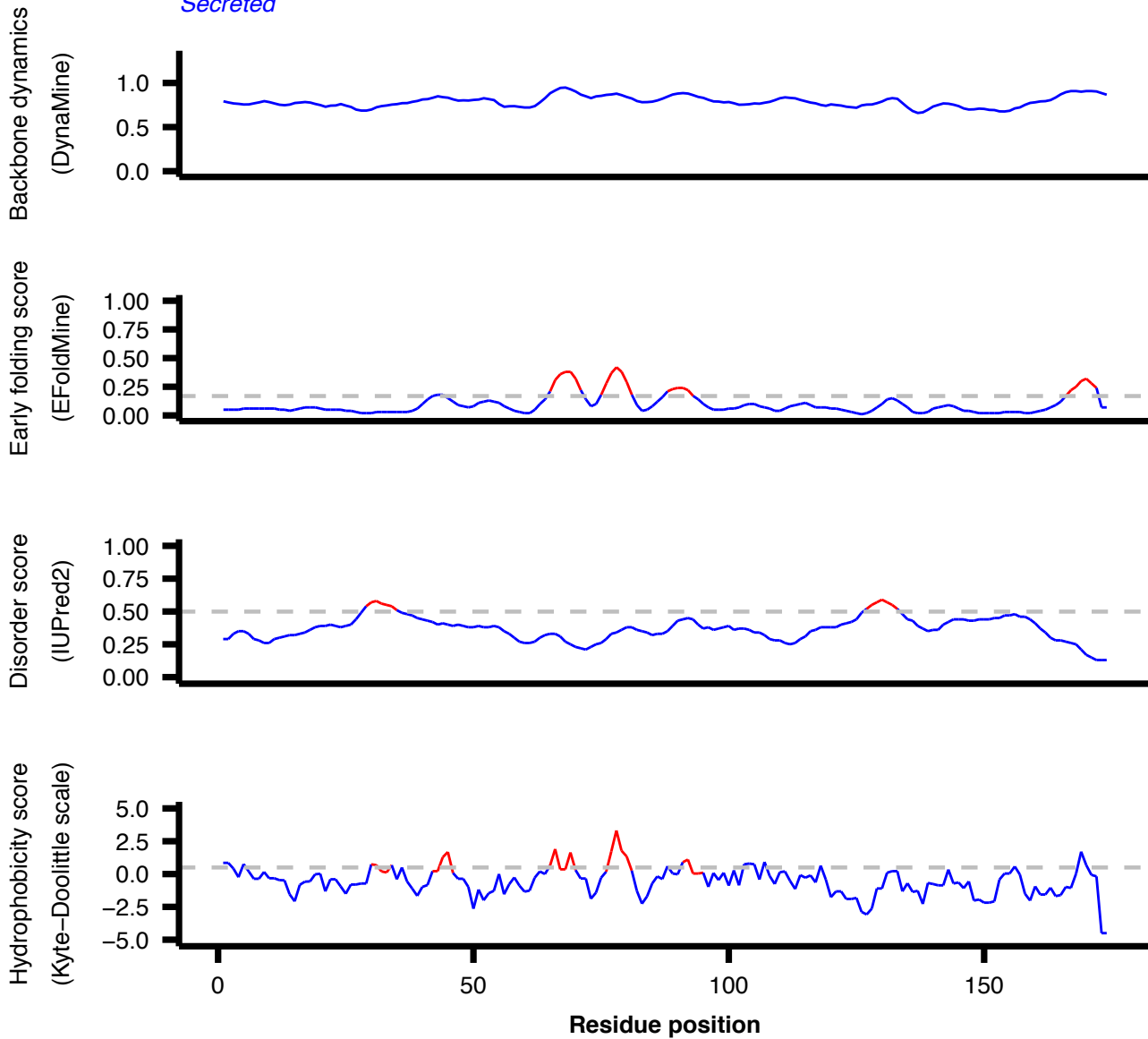
# P77619 (YFEW\_ECOLI)

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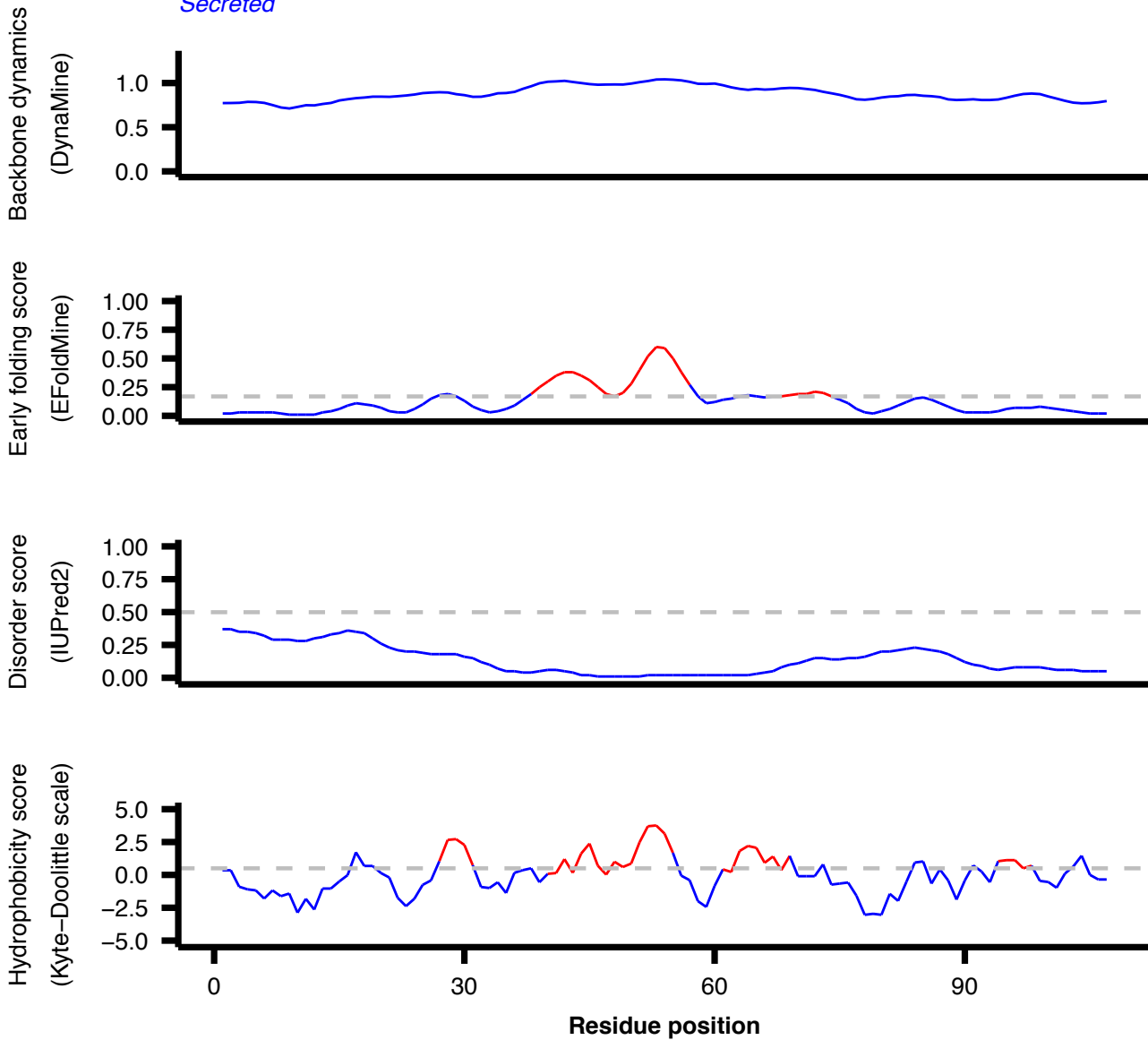
# P76537 (YFEY\_ECOLI)

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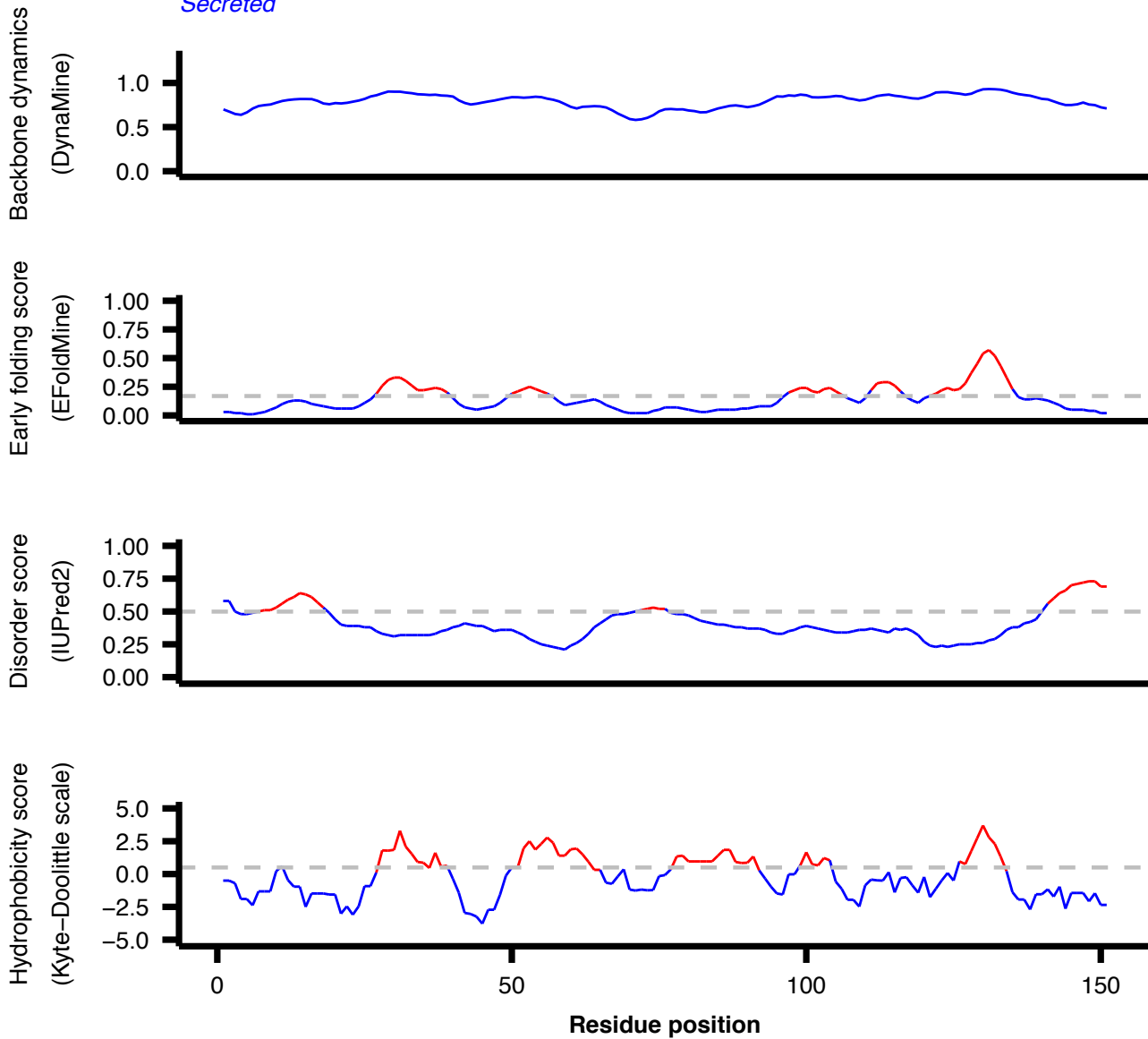
# P76548 (YFFQ\_ECOLI)

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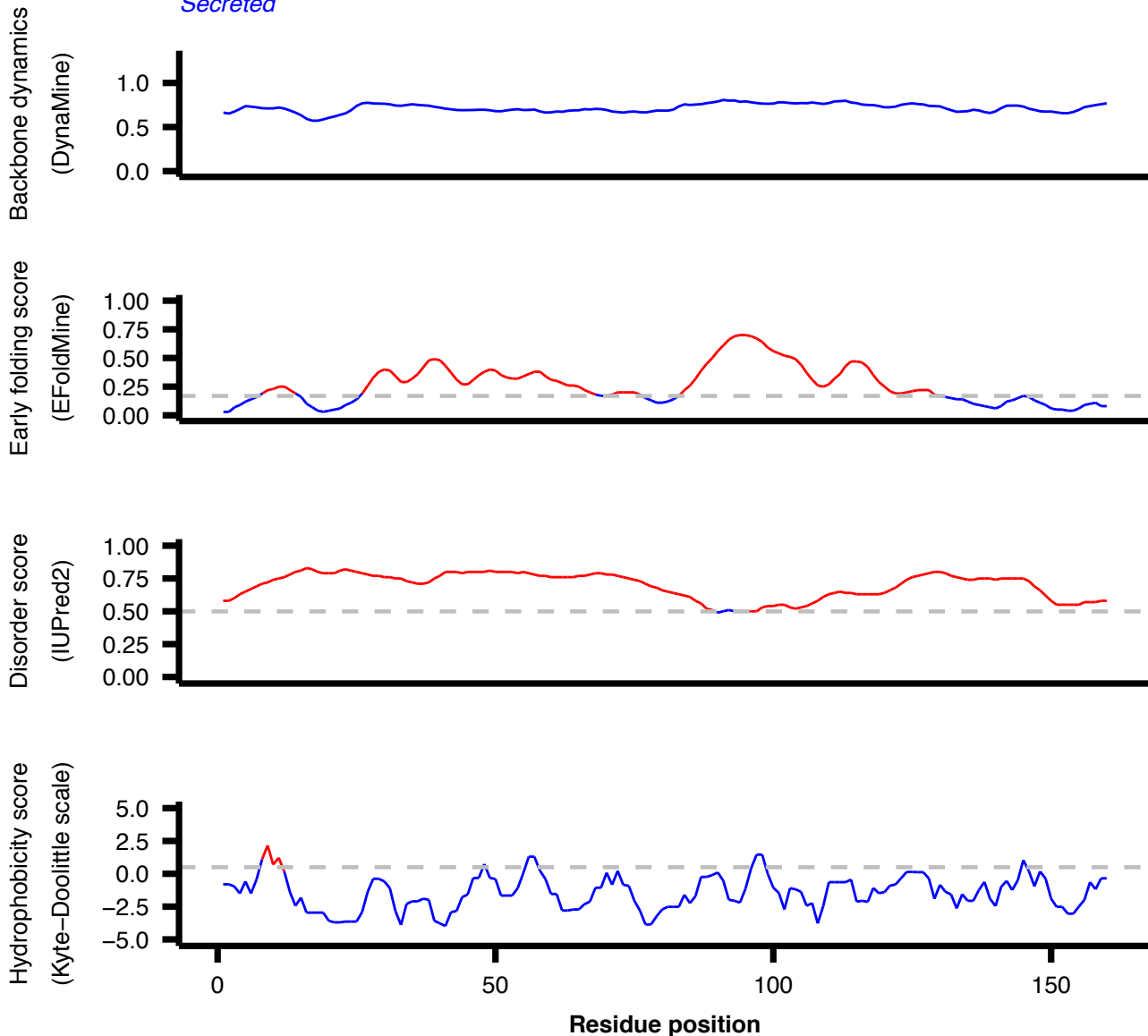
# P65290 (YFGH\_ECOLI)

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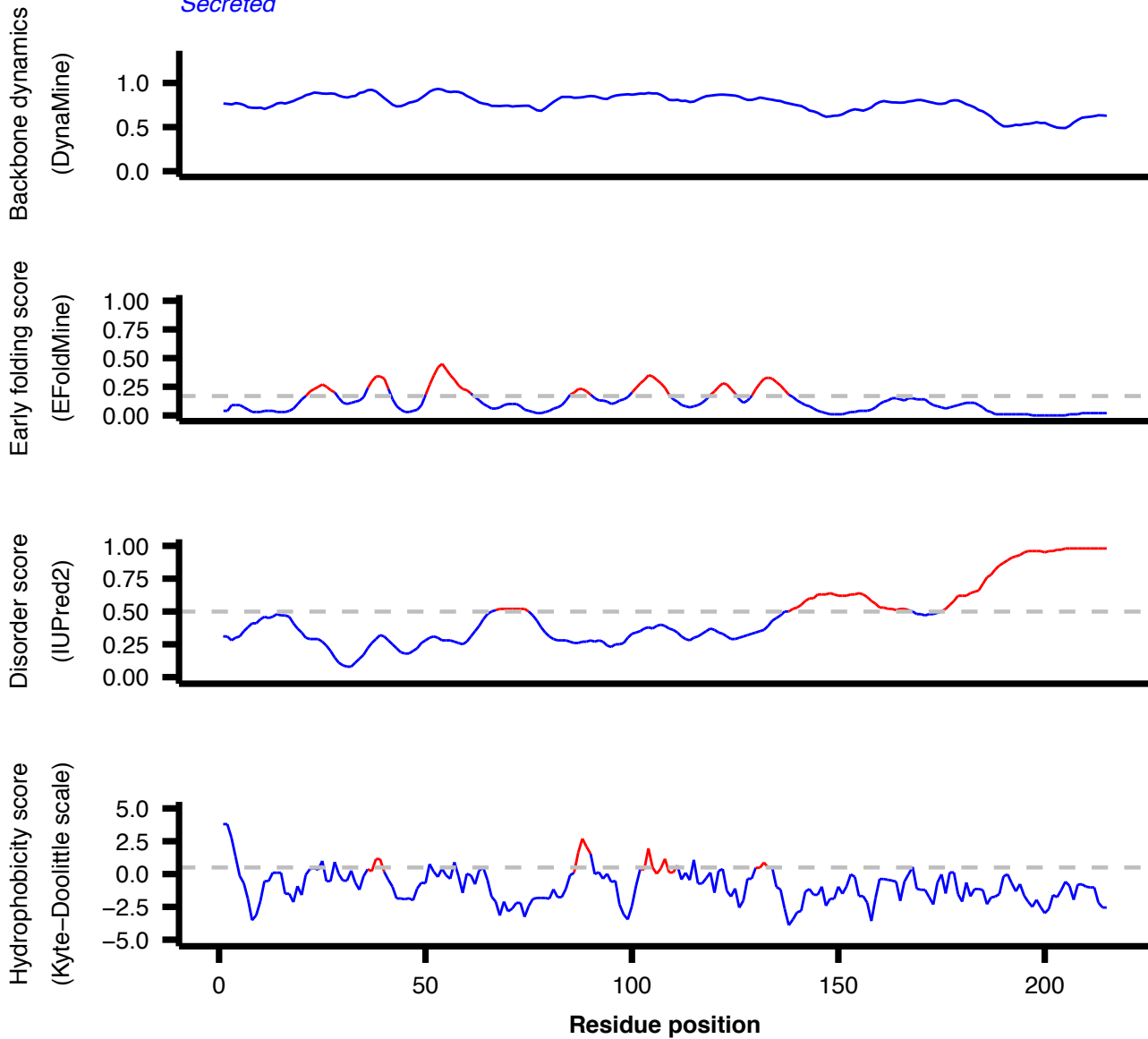
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*Secreted*



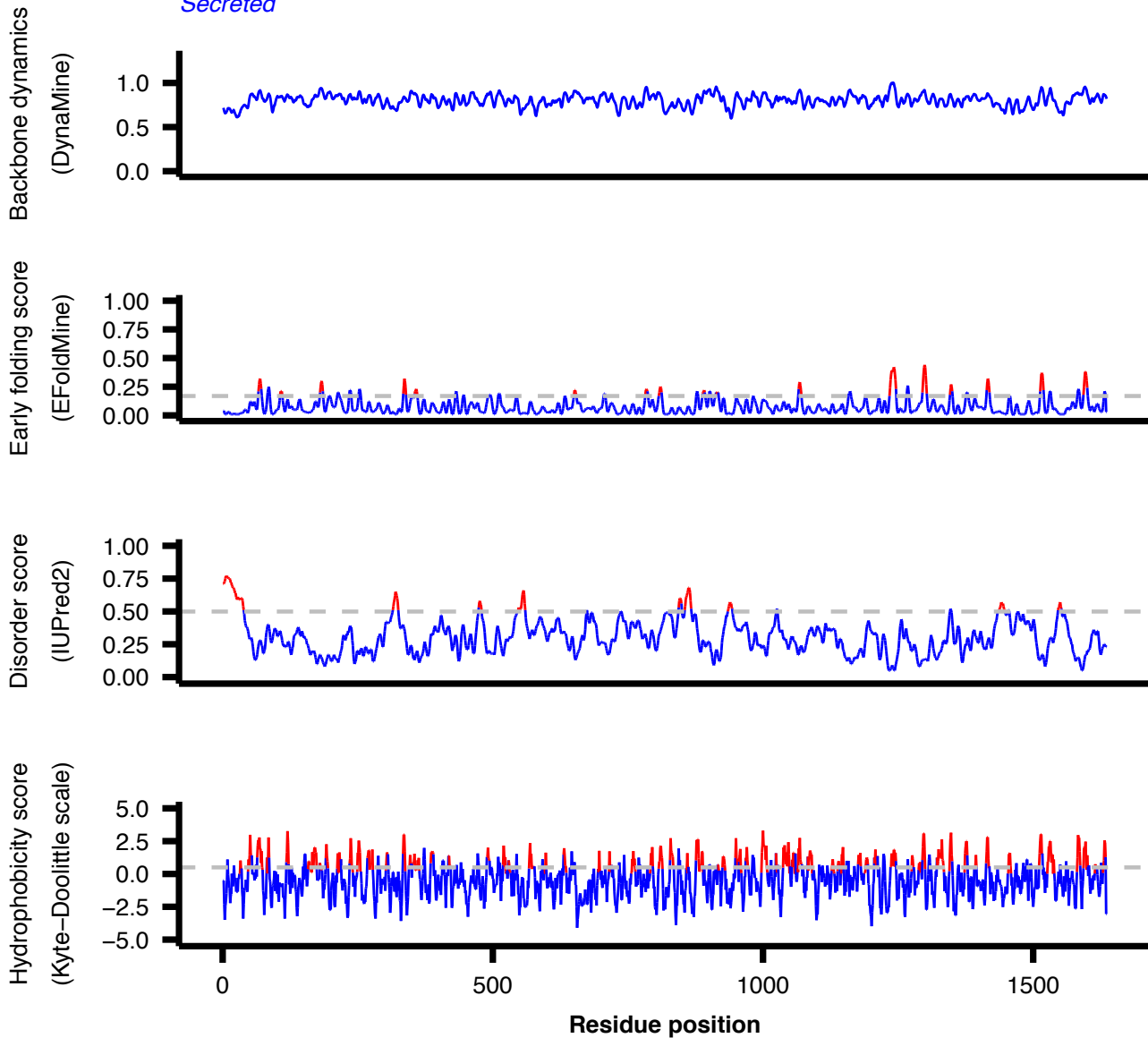
# P0AD44 (YFHG\_ECOLI)

*Secreted*



# P76578 (YFHM\_ECOLI)

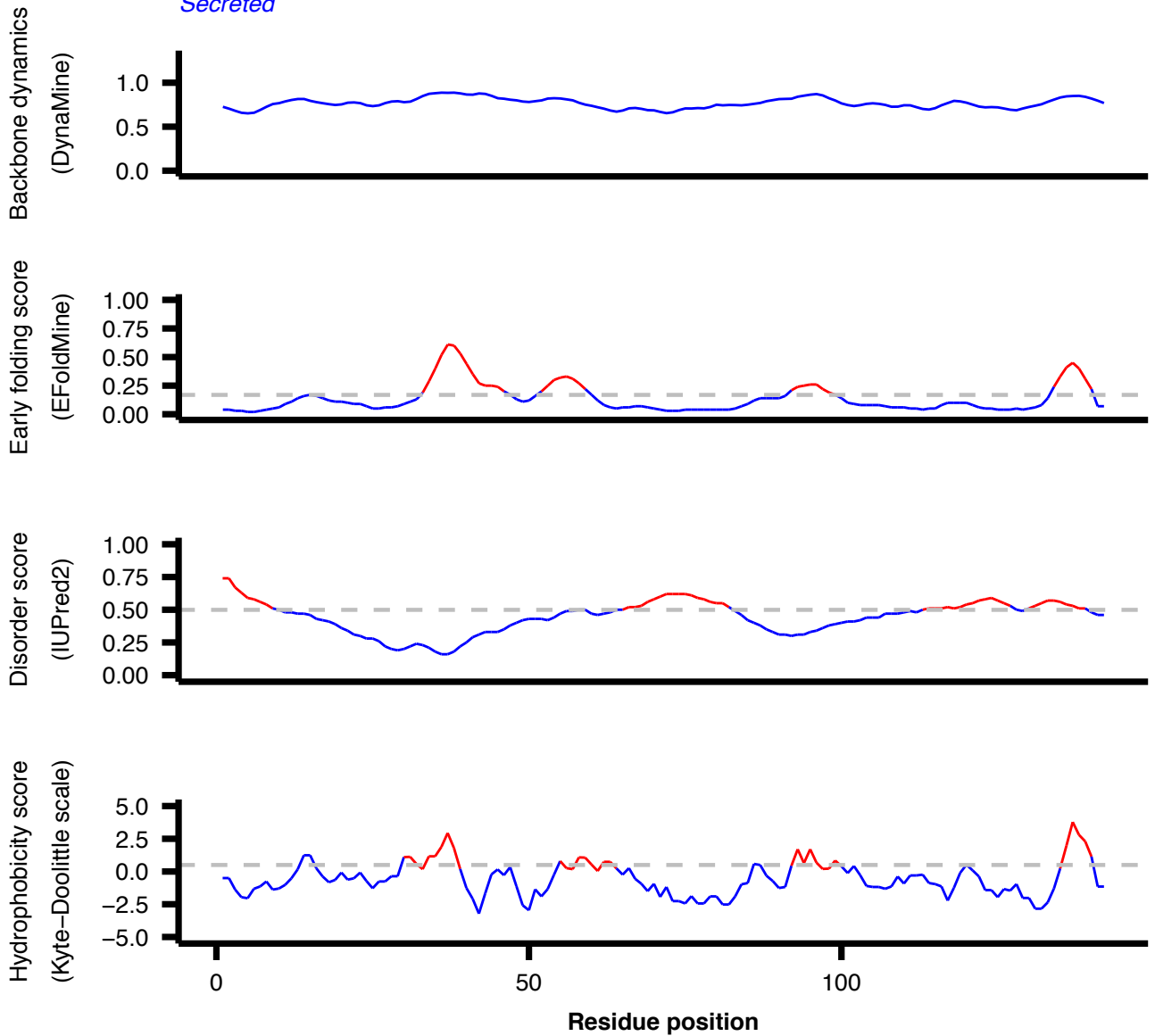
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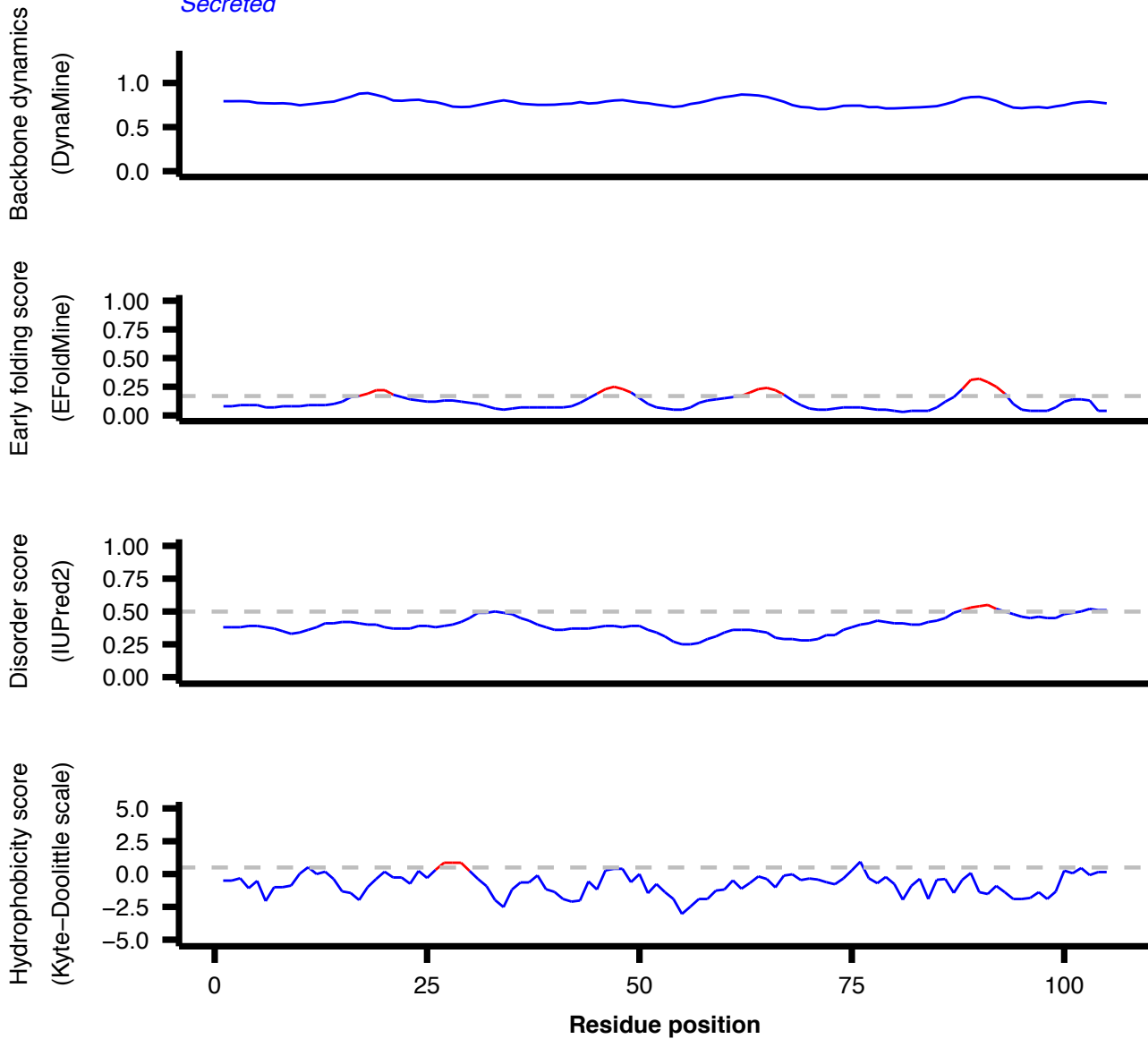
# P07021 (YFIB\_ECOLI)

*Secreted*



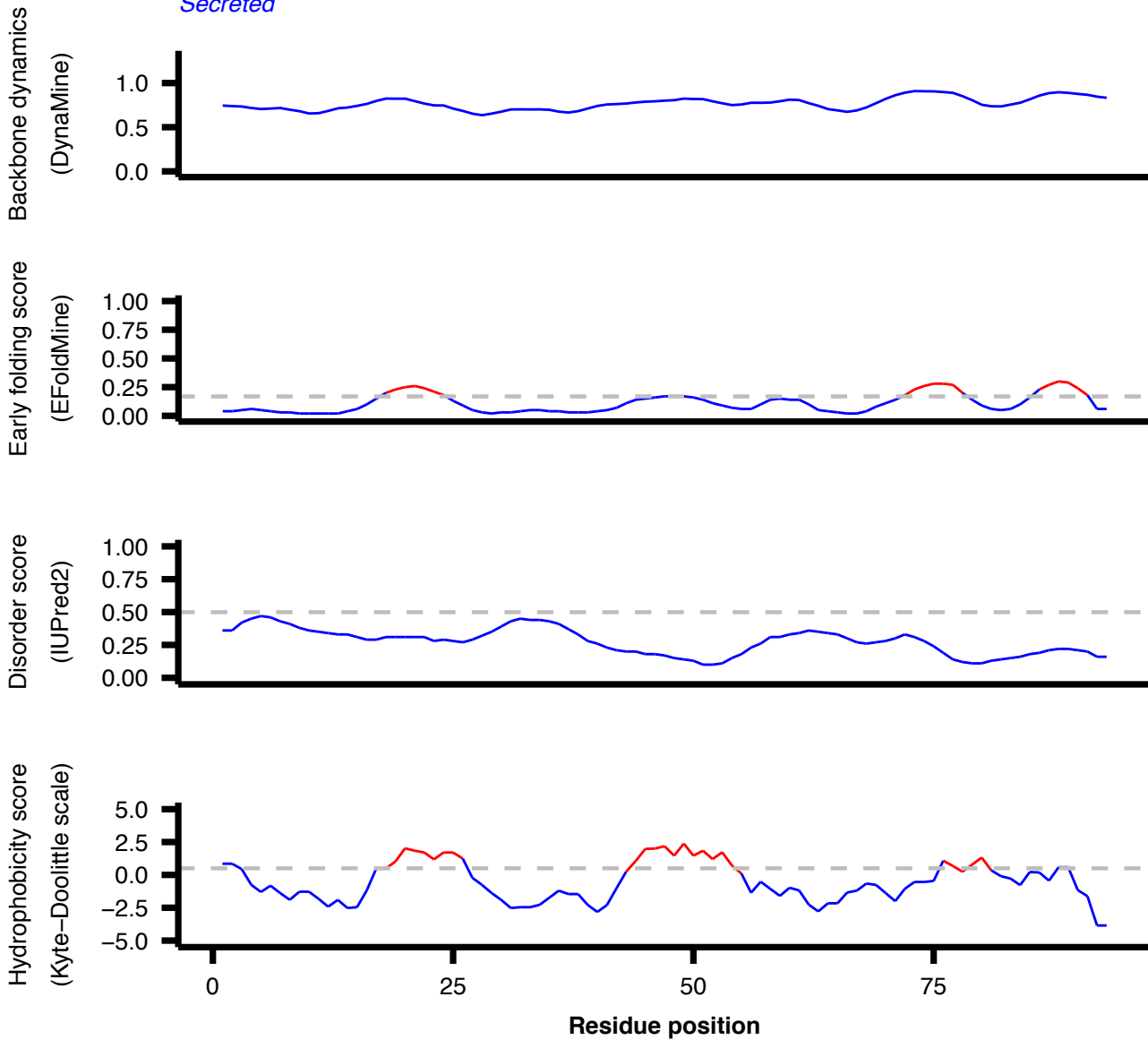
# P11289 (YFIL\_ECOLI)

*Secreted*



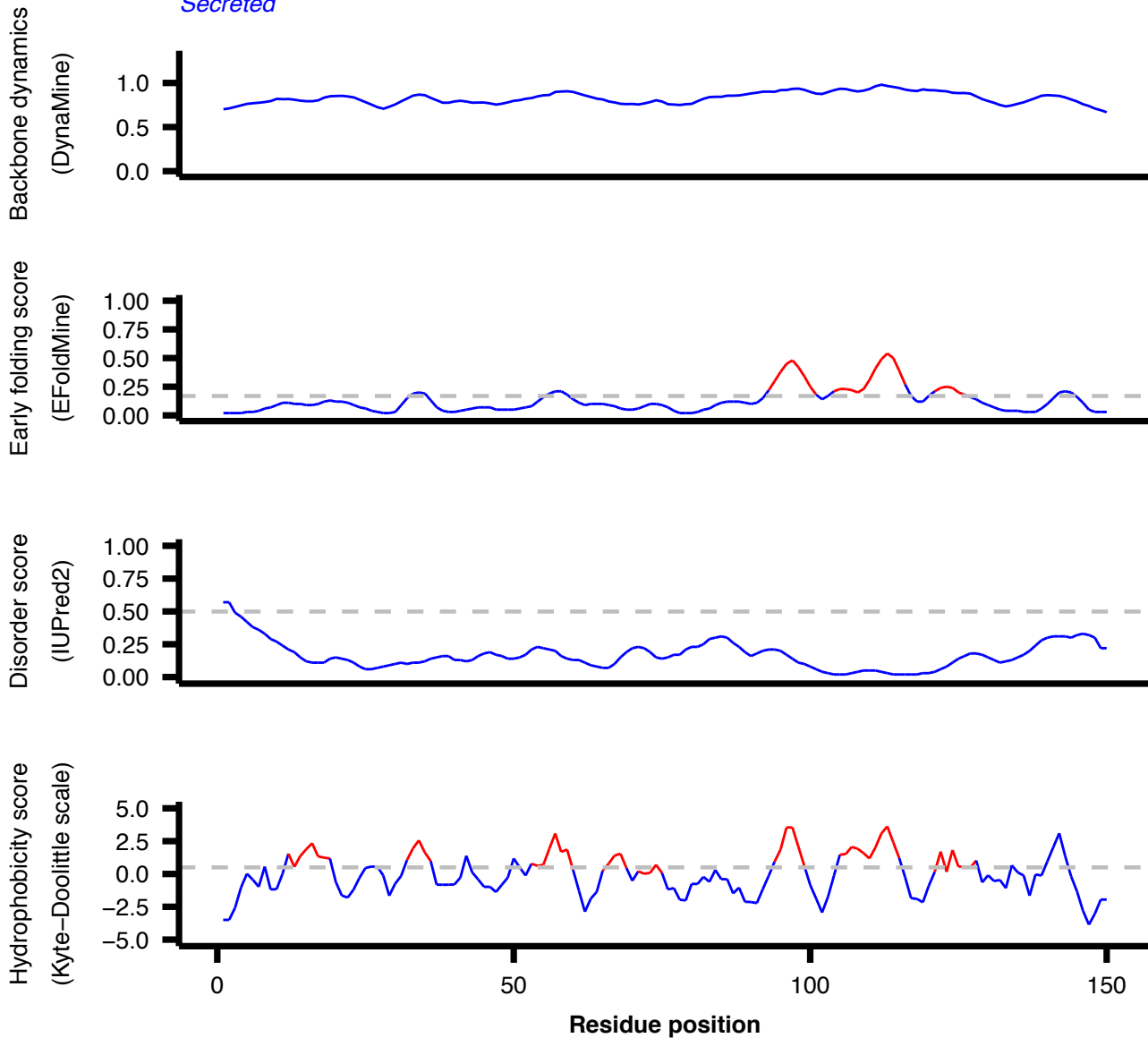
# P46126 (YFIM\_ECOLI)

*Secreted*



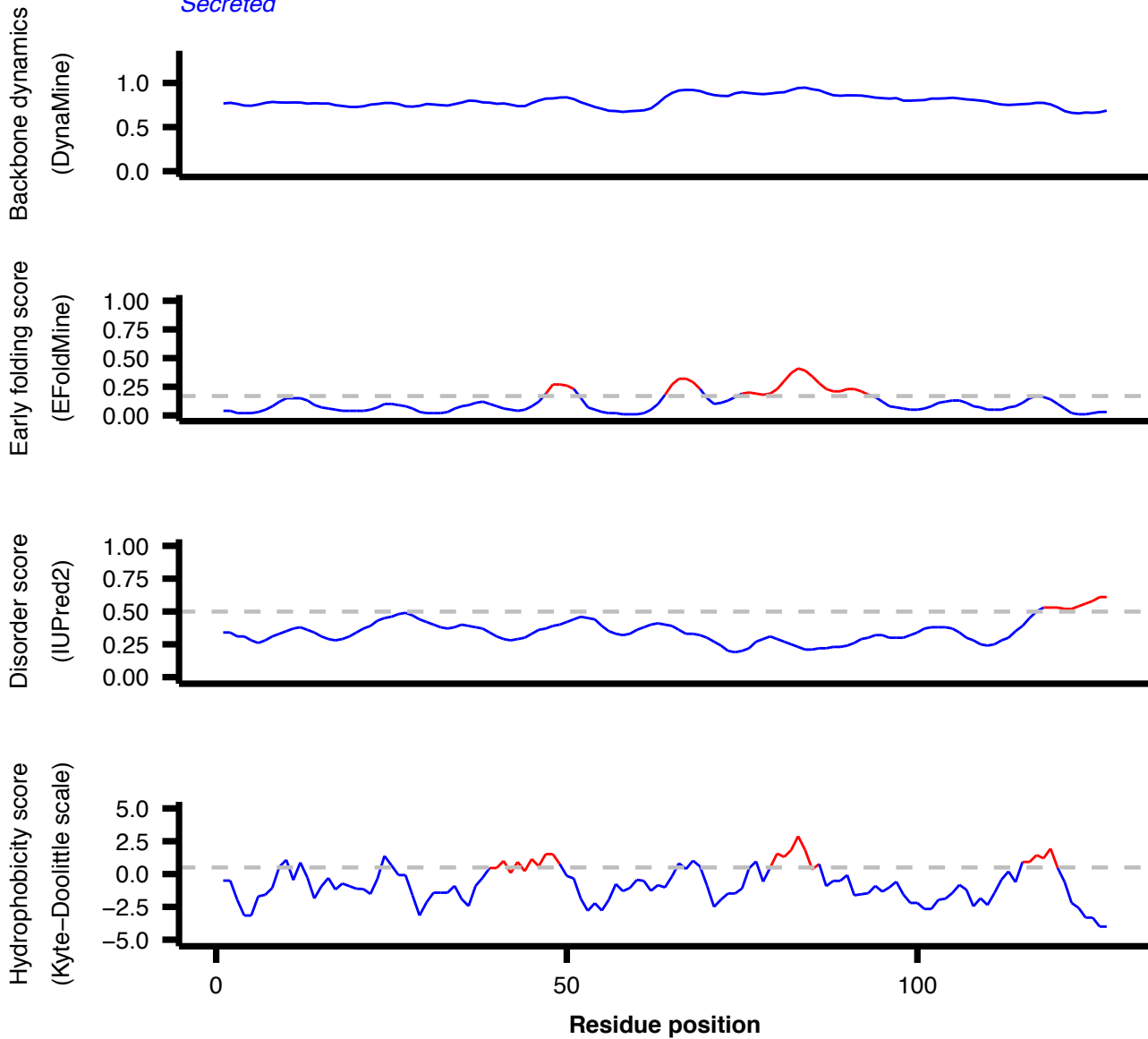
# P64548 (YFIR\_ECOLI)

*Secreted*



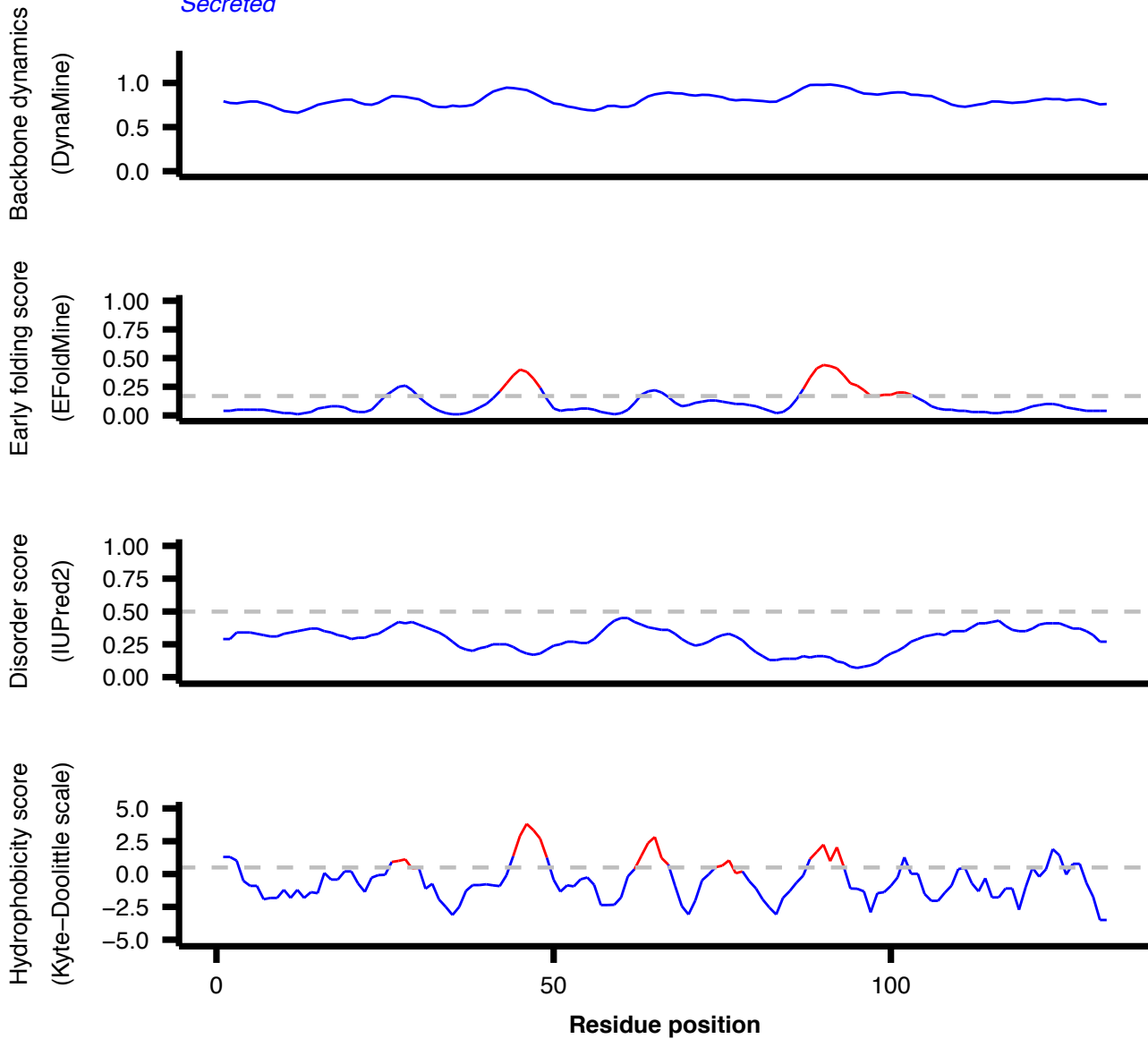
# O52982 (YFJS\_ECOLI)

*Secreted*



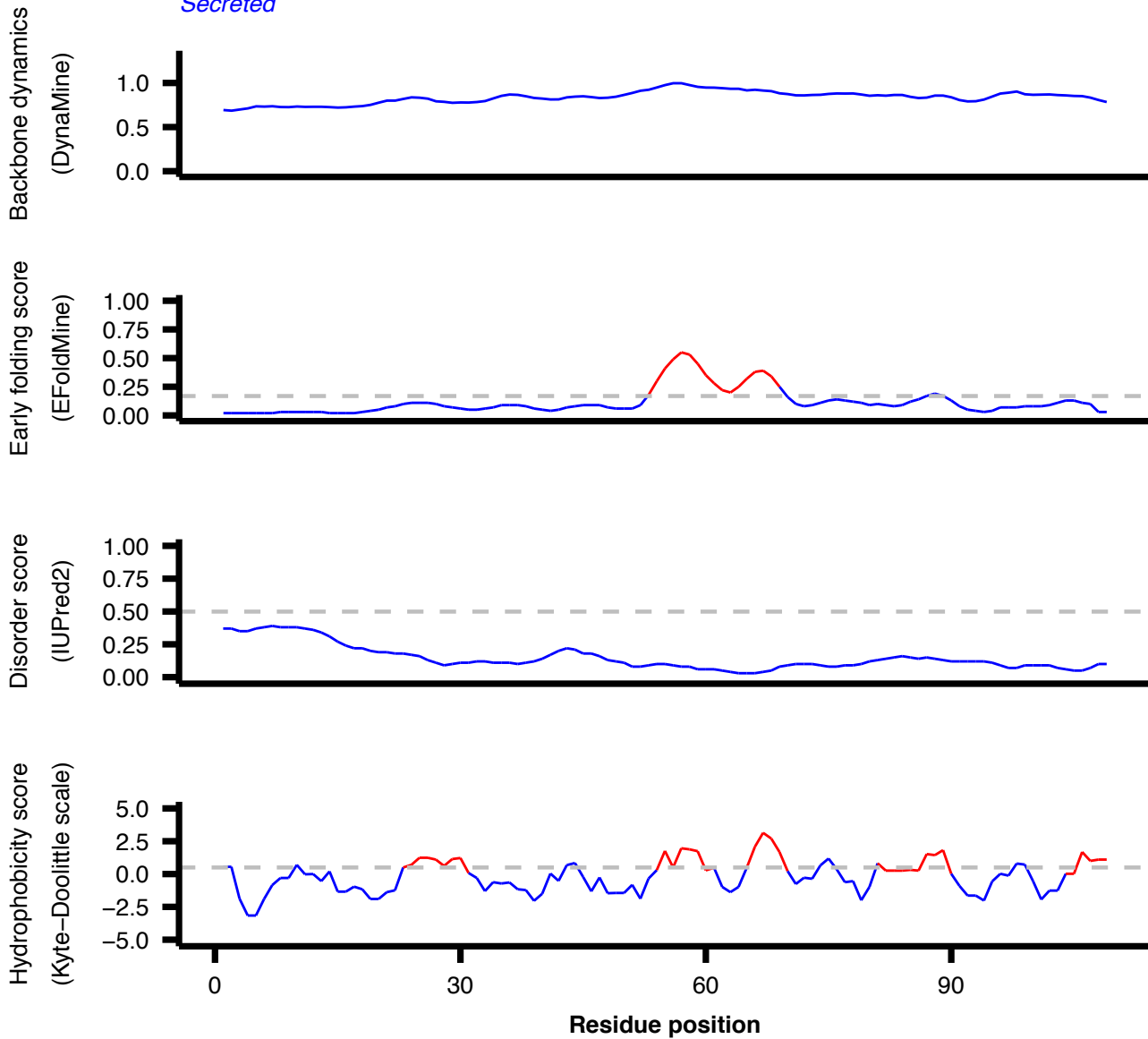
# P52135 (YFJT\_ECOLI)

*Secreted*



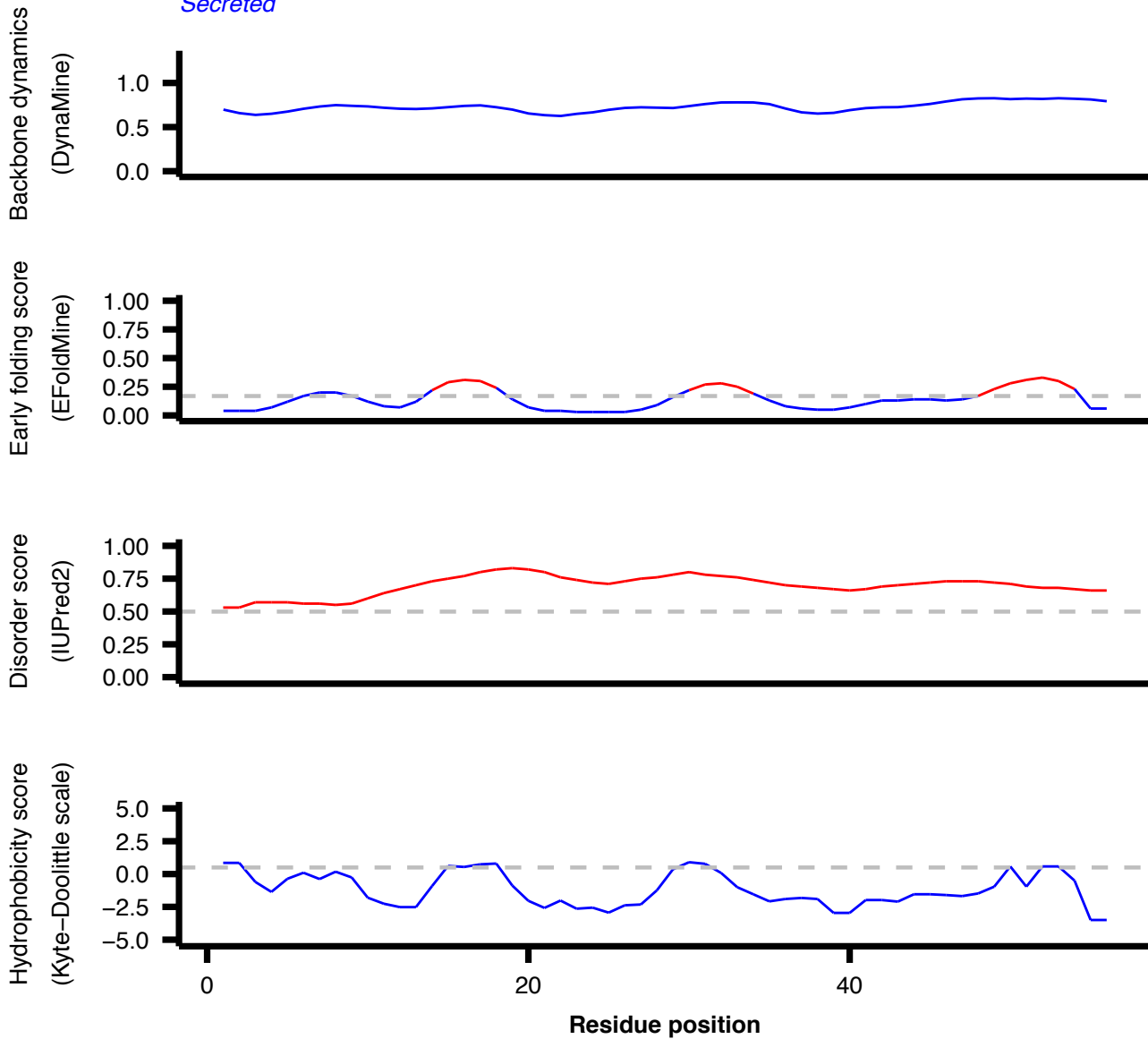
# P08370 (YGDB\_ECOLI)

*Secreted*



# P65292 (YGDI\_ECOLI)

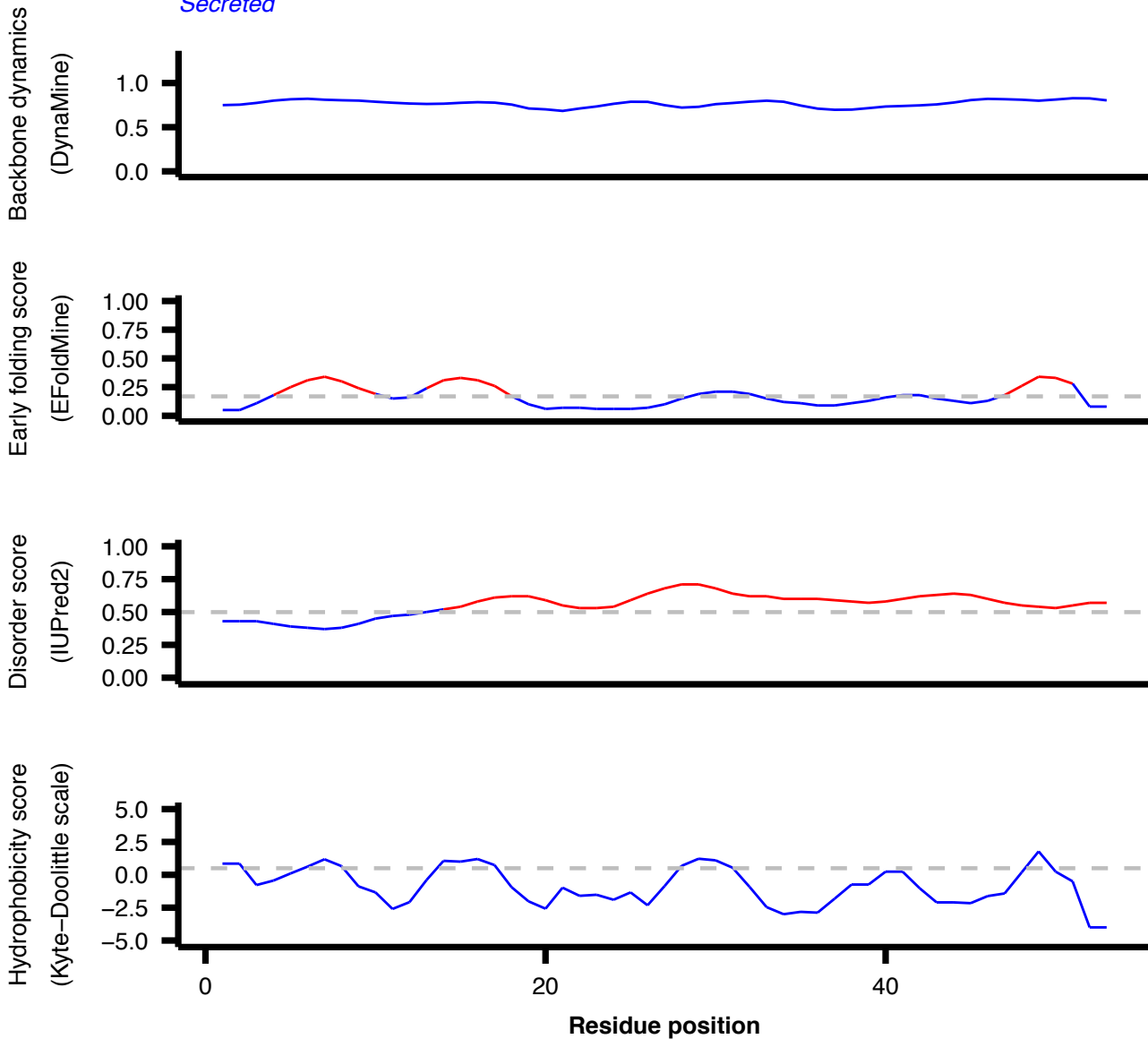
*Secreted*





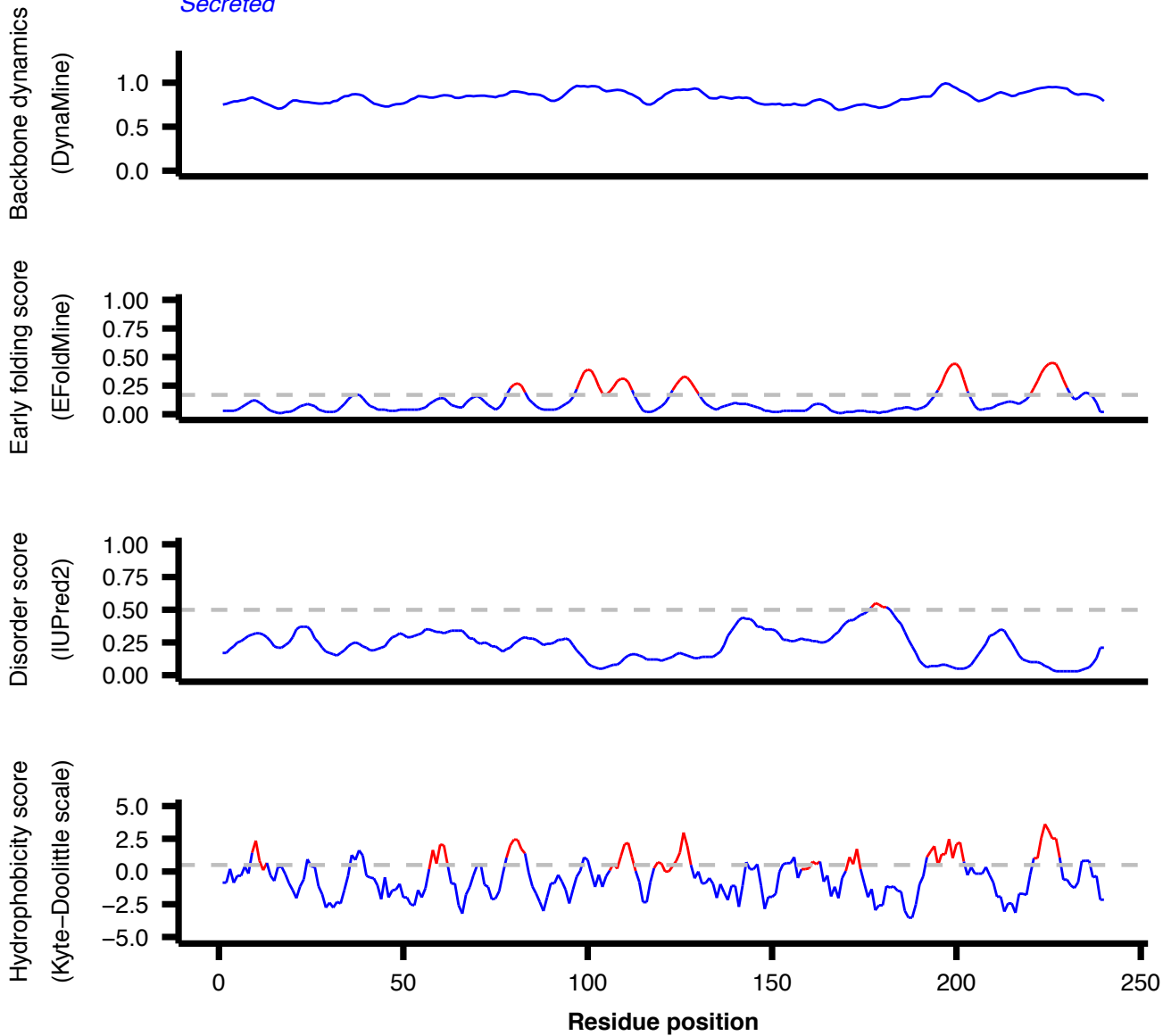
# P65294 (YGDR\_ECOLI)

*Secreted*



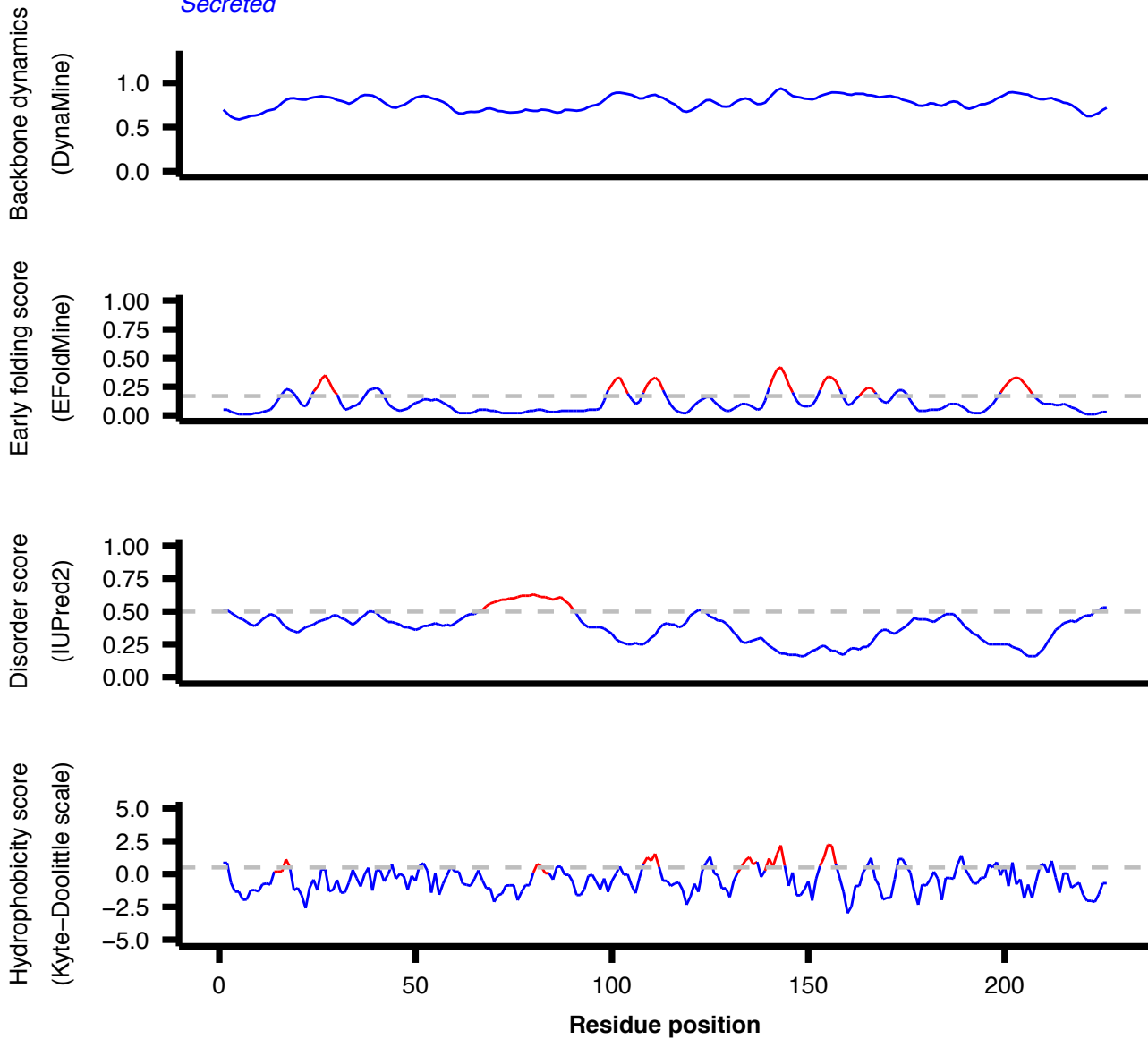
# Q46797 (YGEQ\_ECOLI)

*Secreted*



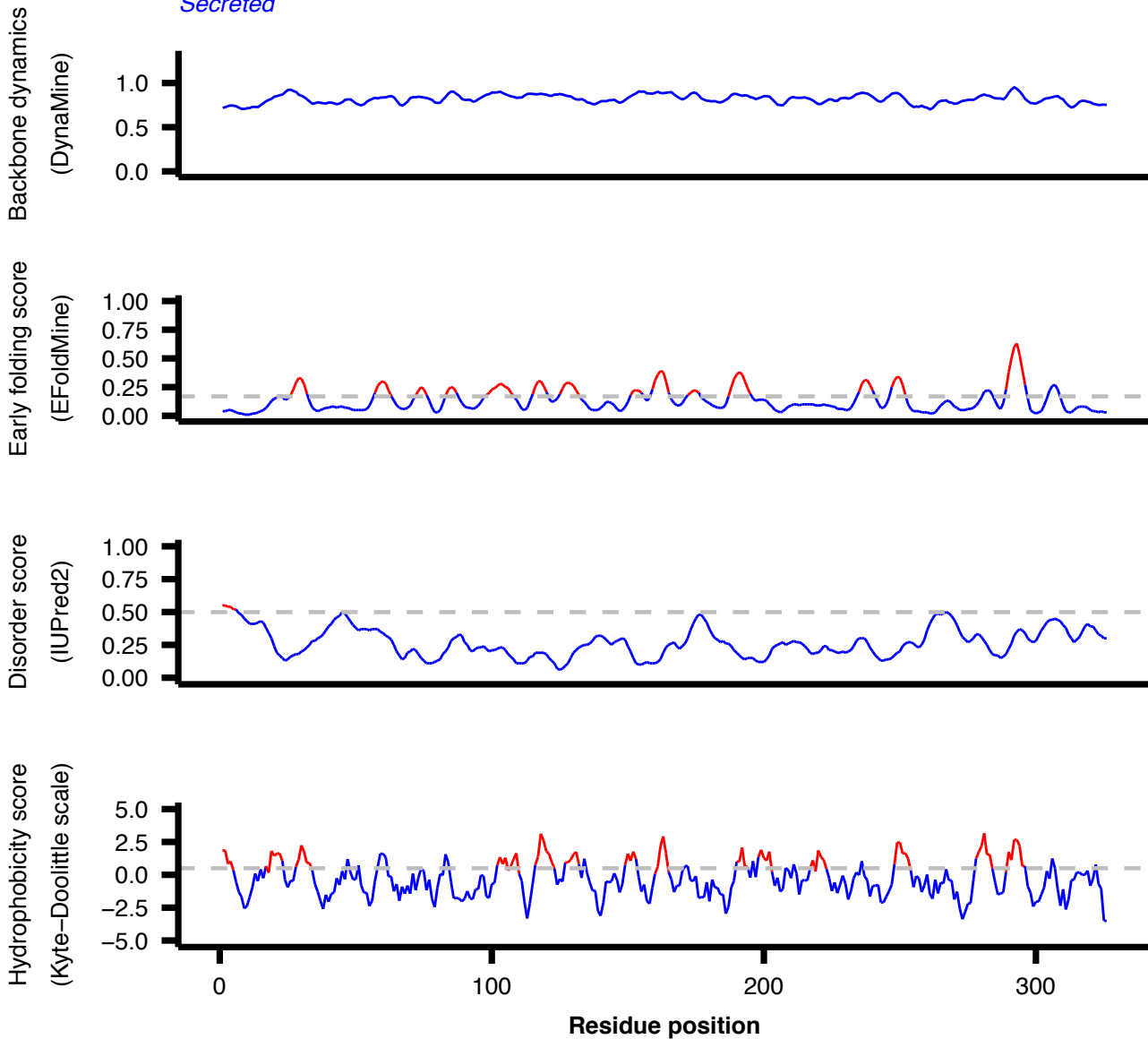
# Q46798 (YGER\_ECOLI)

*Secreted*



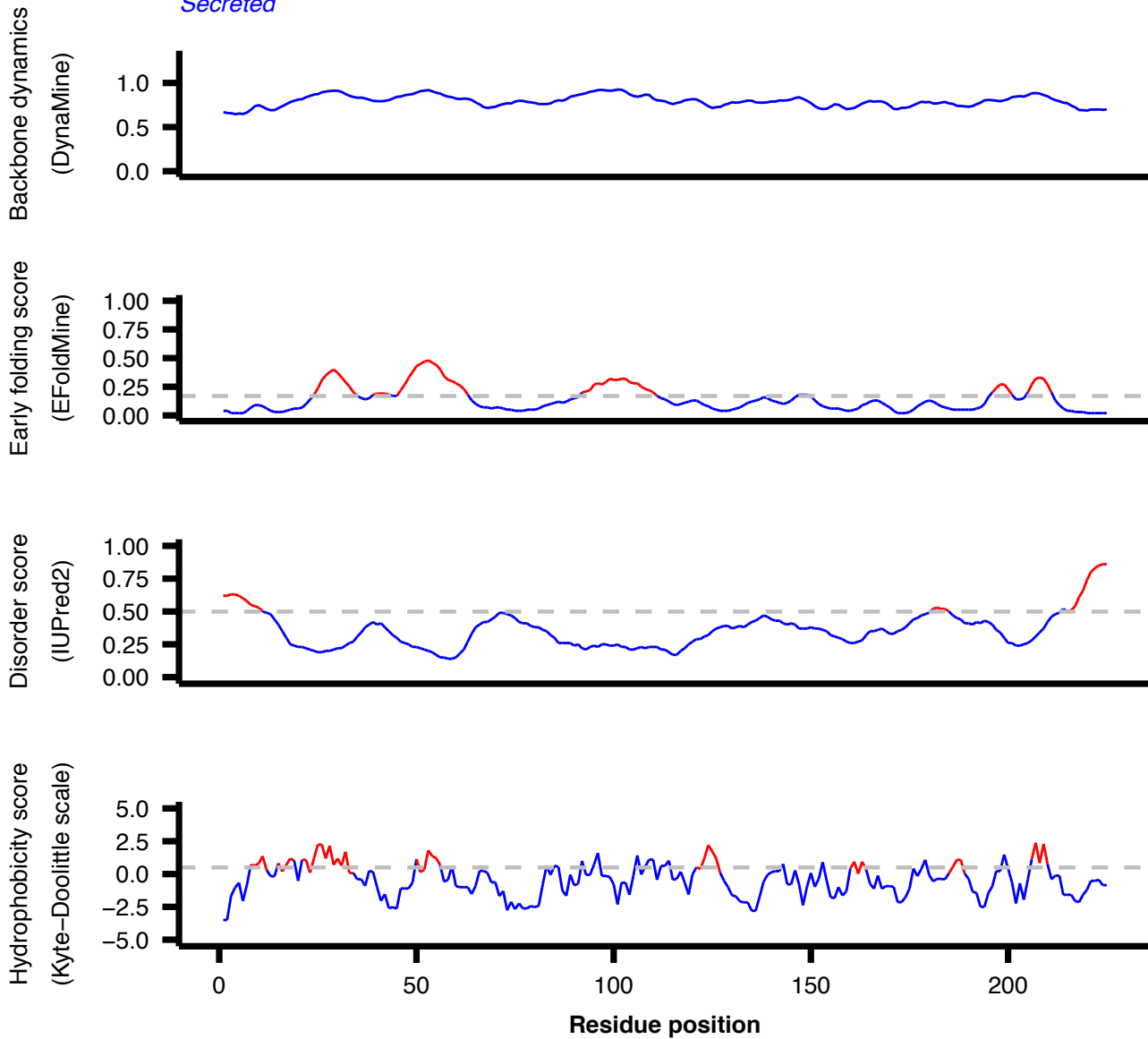
# P0ADE8 (YGFZ\_ECOLI)

*Secreted*



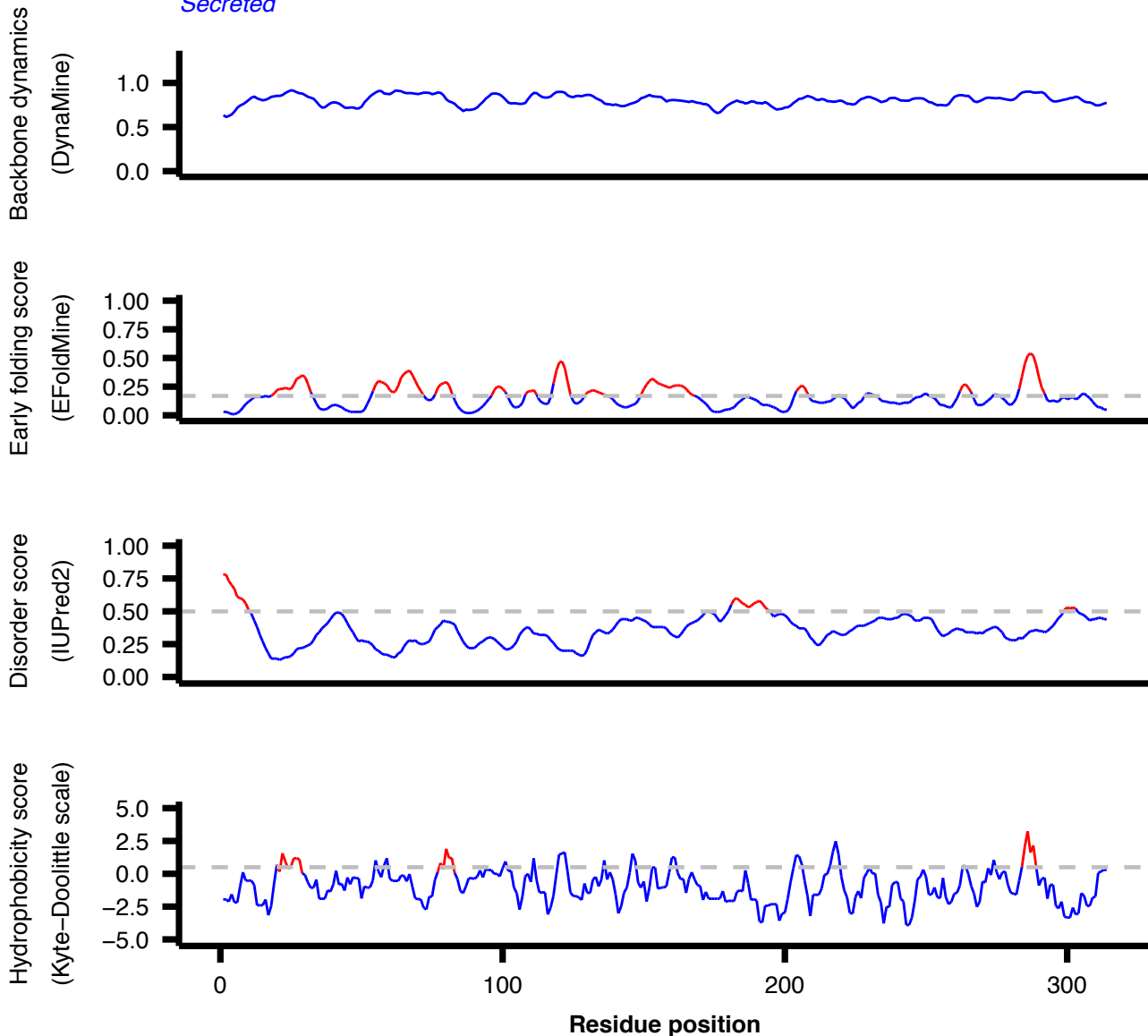
# P0ADS6 (YGGE\_ECOLI)

*Secreted*



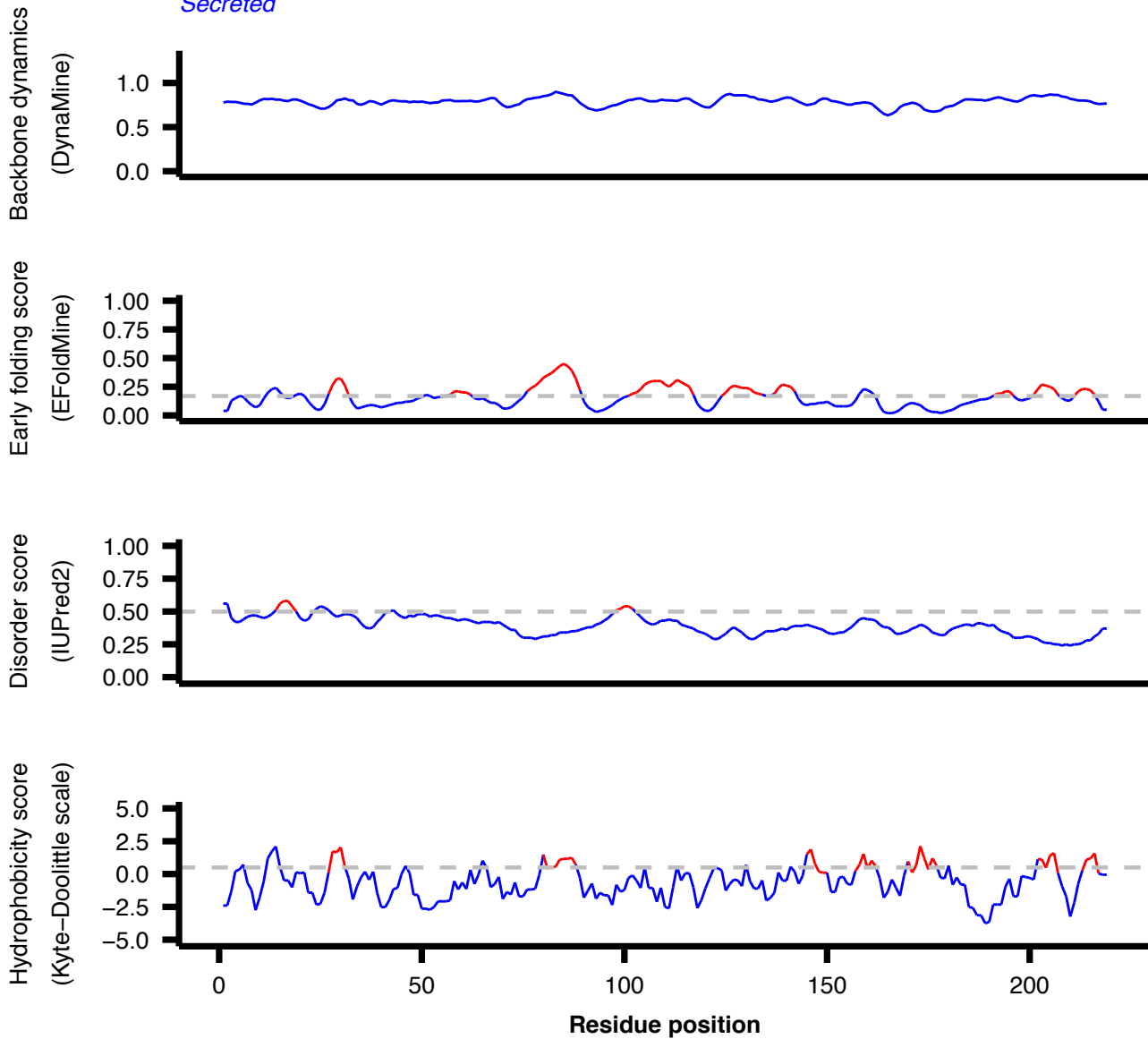
# P46142 (YGGM\_ECOLI)

*Secreted*



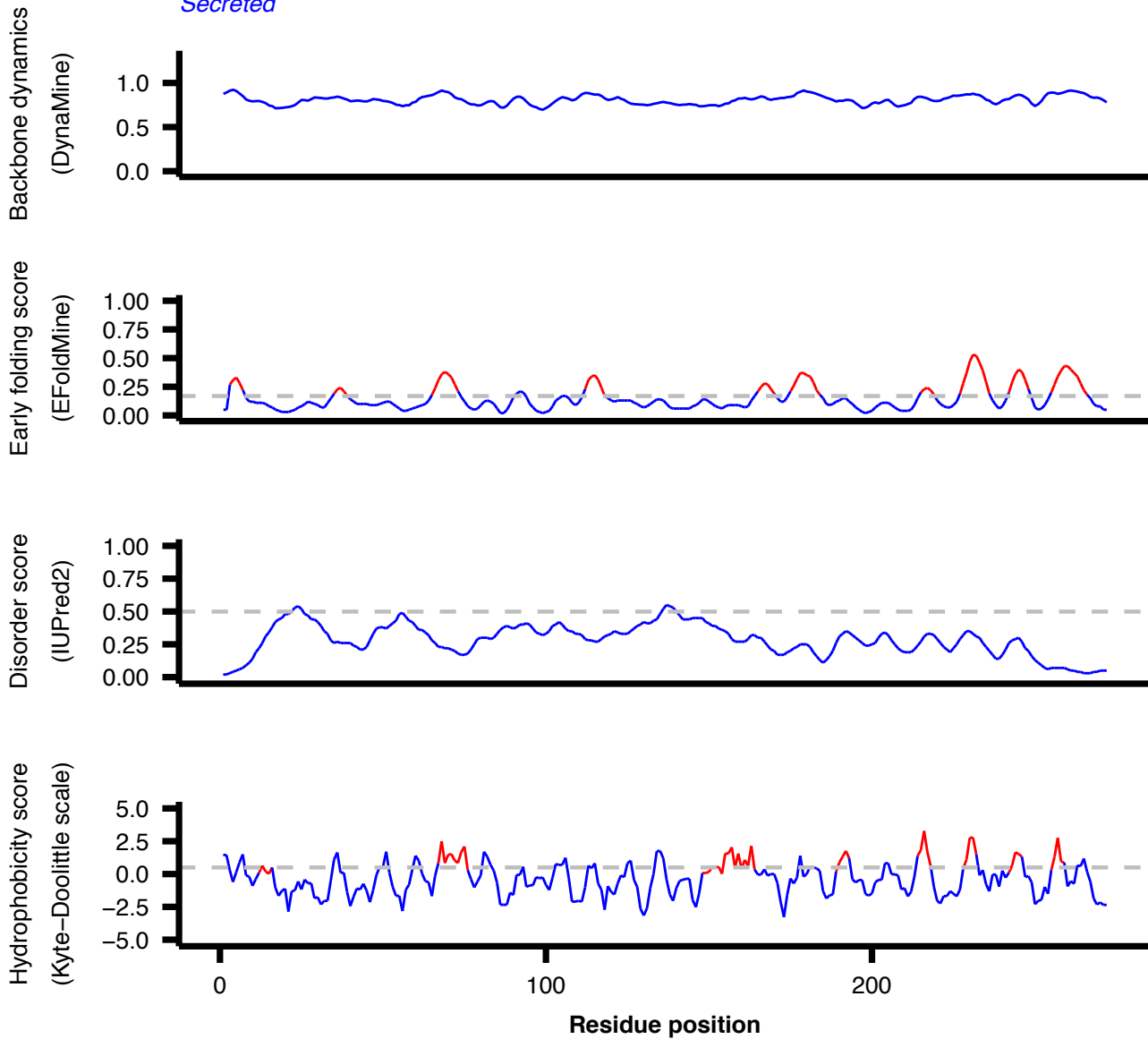
# P0ADS9 (YGGN\_ECOLI)

*Secreted*



# Q46834 (YGHF\_ECOLI)

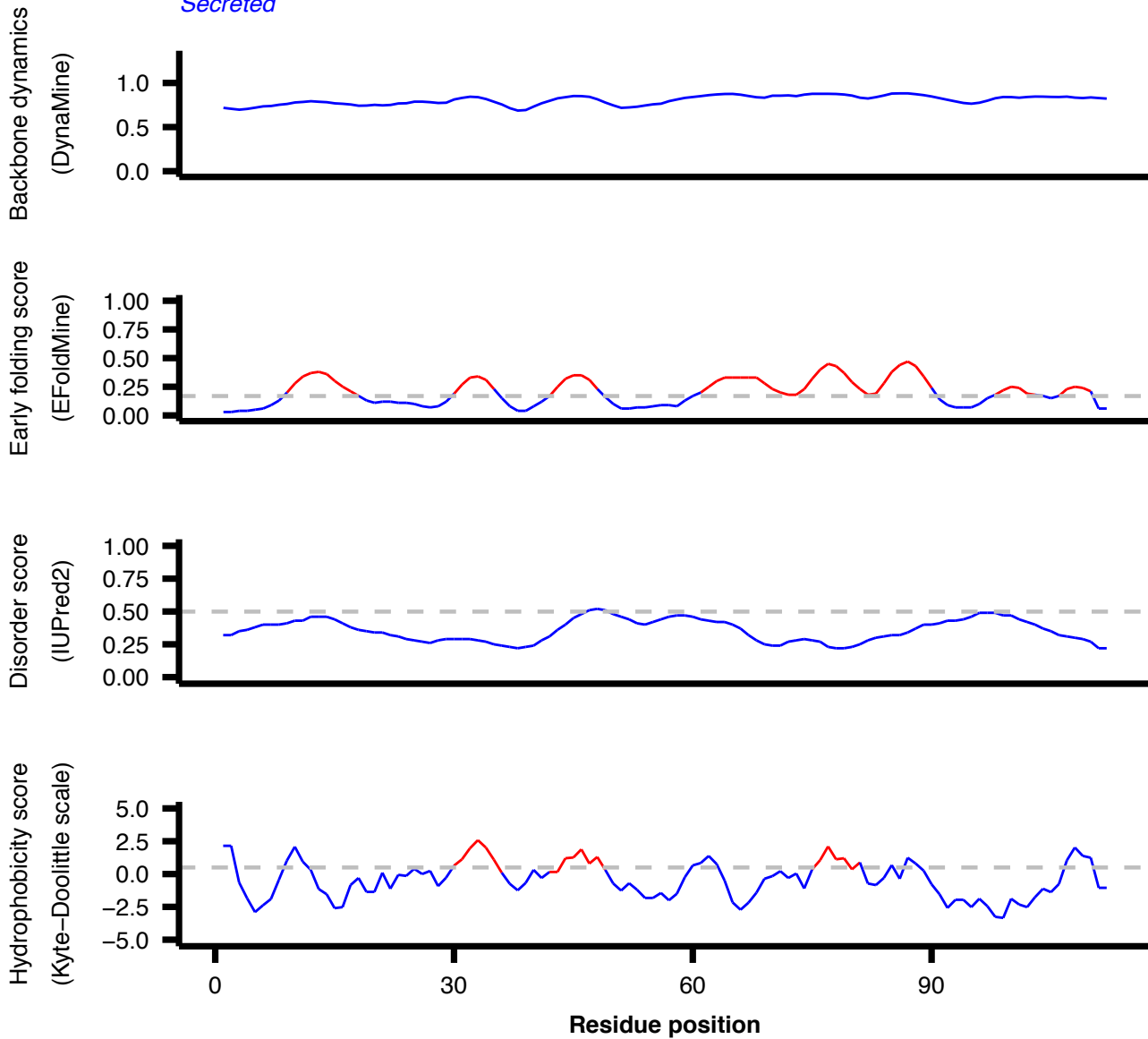
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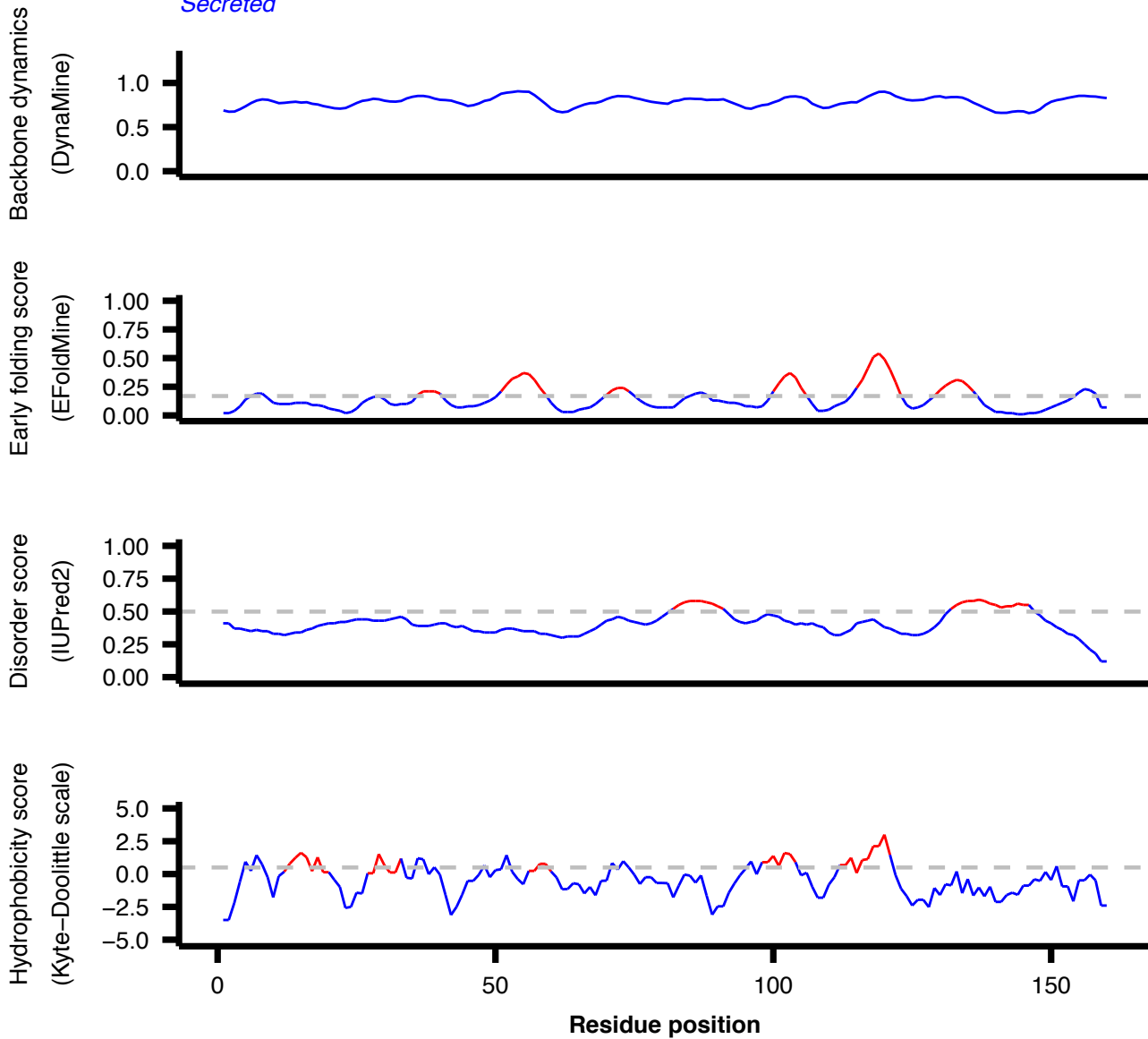
# Q46835 (YGHG\_ECOLI)

*Secreted*



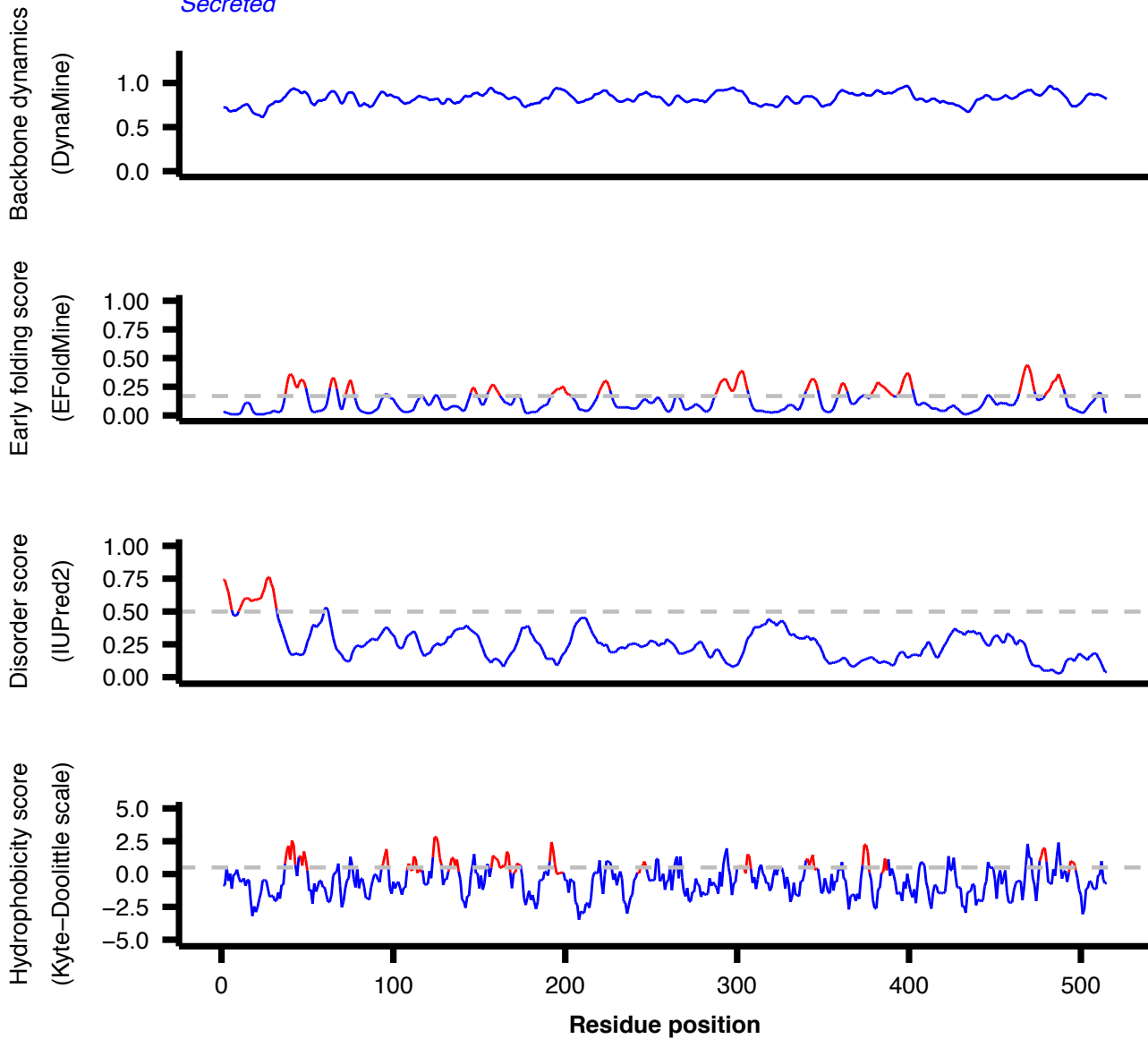
# P39834 (YGIL\_ECOLI)

*Secreted*



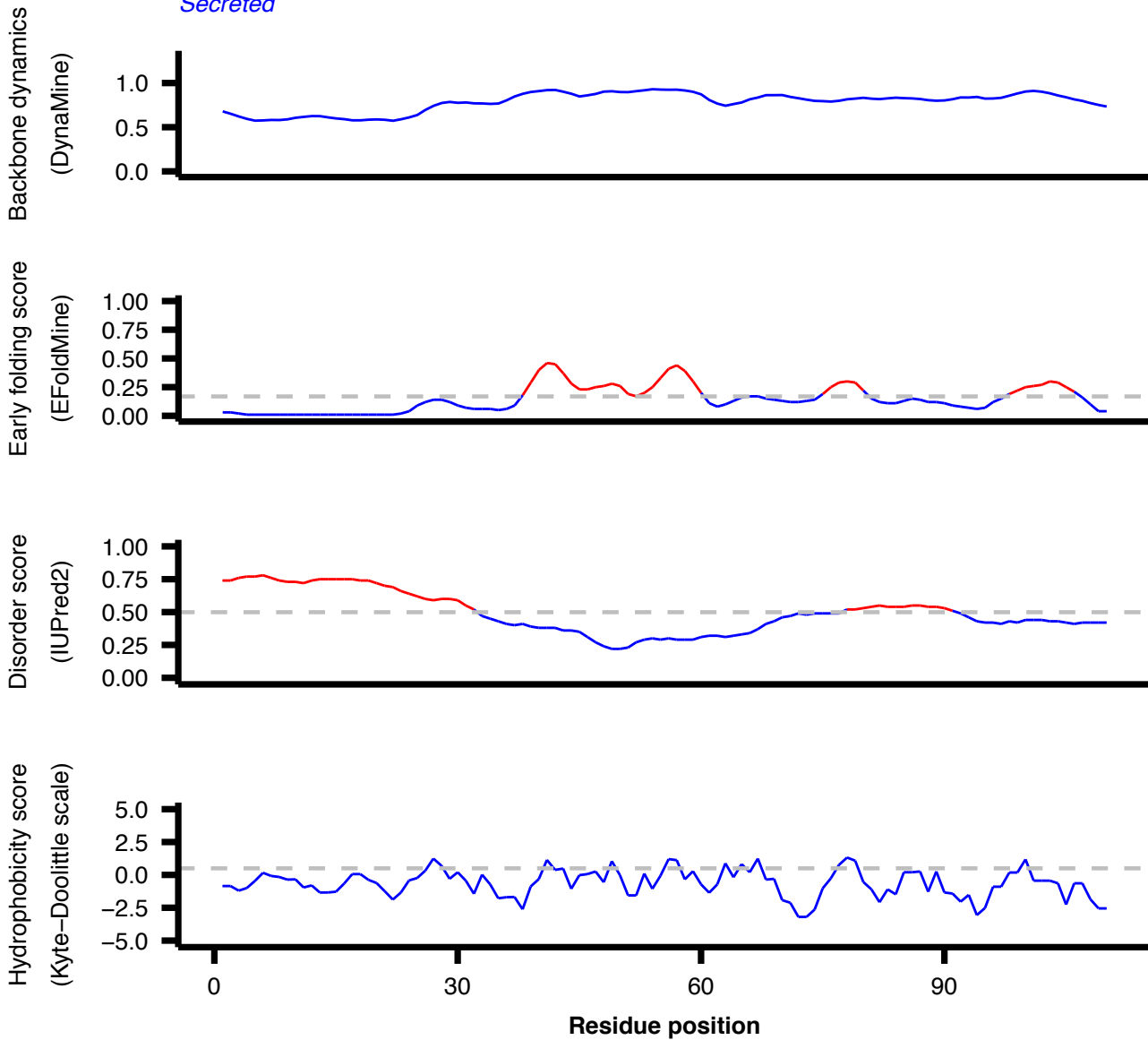
# Q46863 (YGIS\_ECOLI)

*Secreted*



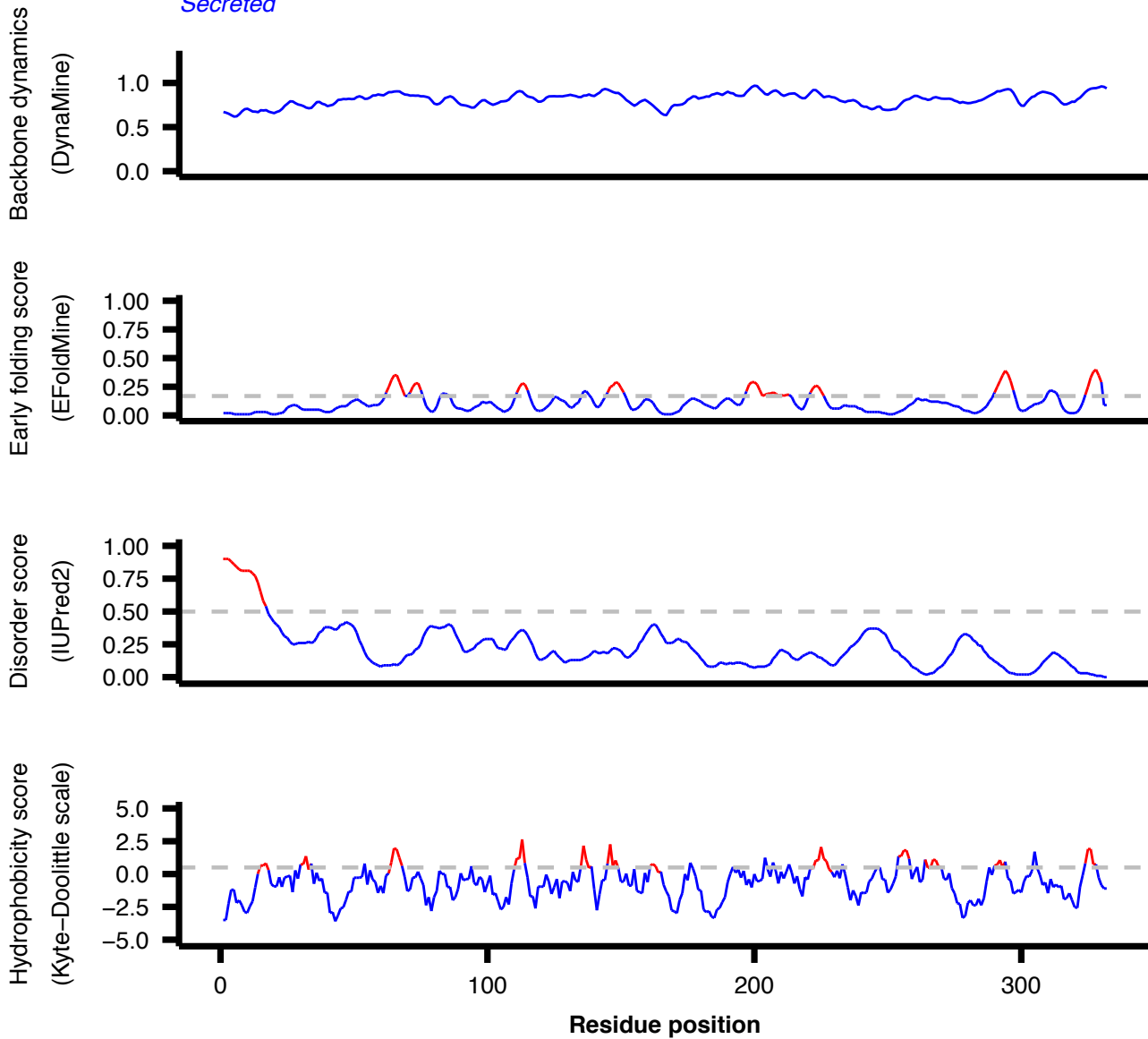
# P0ADU5 (YGIW\_ECOLI)

*Secreted*



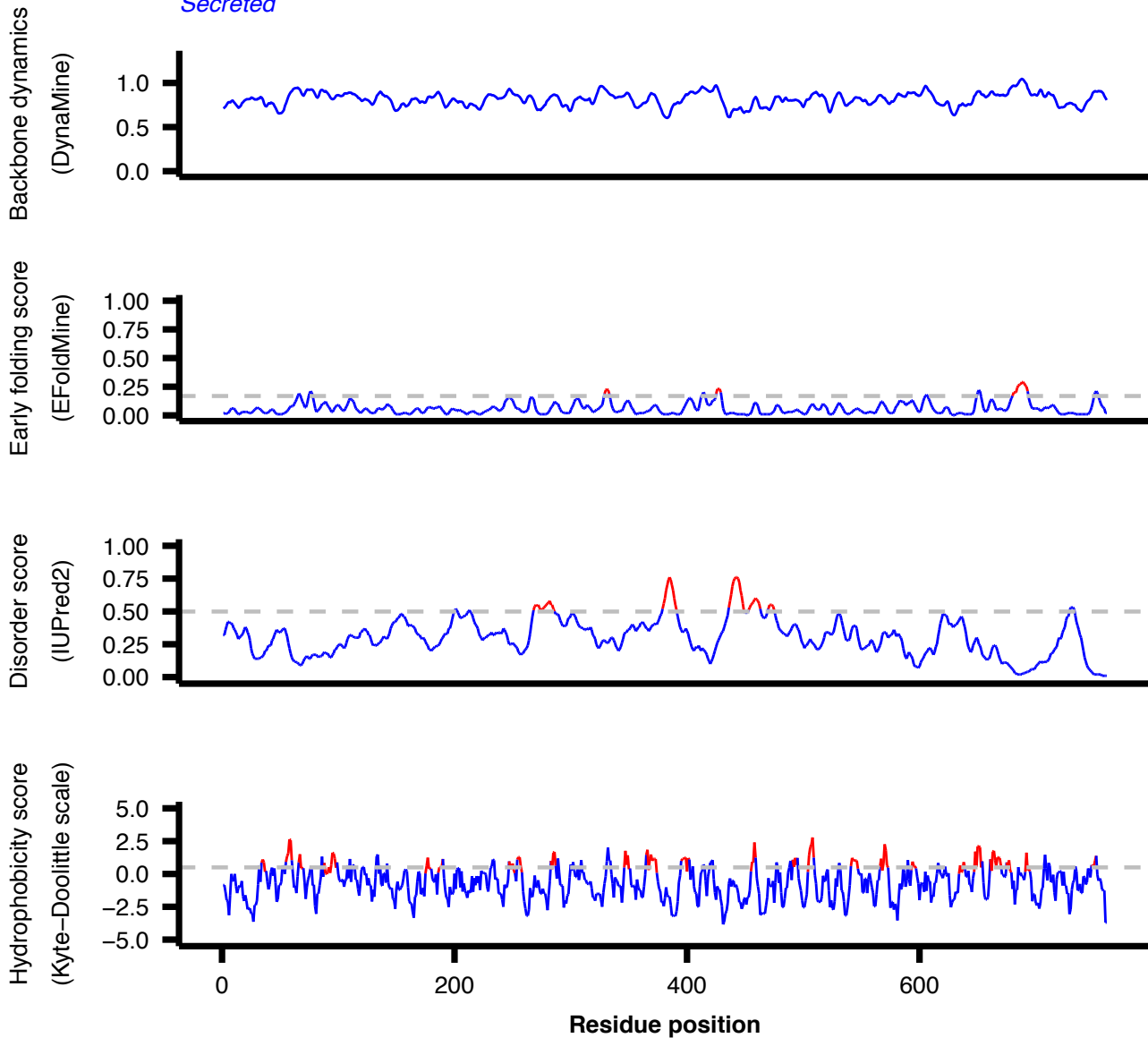
# P42591 (YGJJ\_ECOLI)

*Secreted*



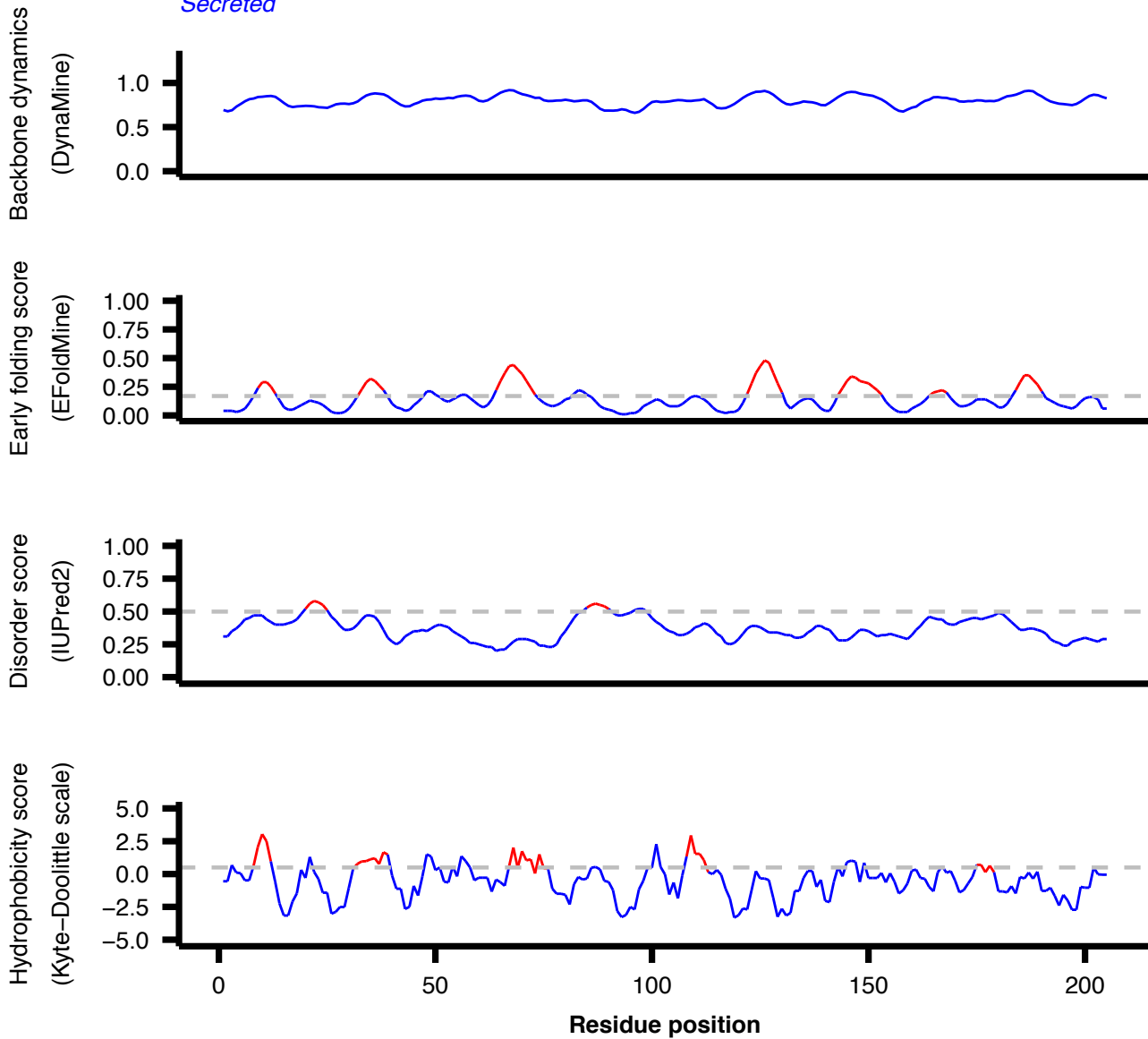
# P42592 (YGJK\_ECOLI)

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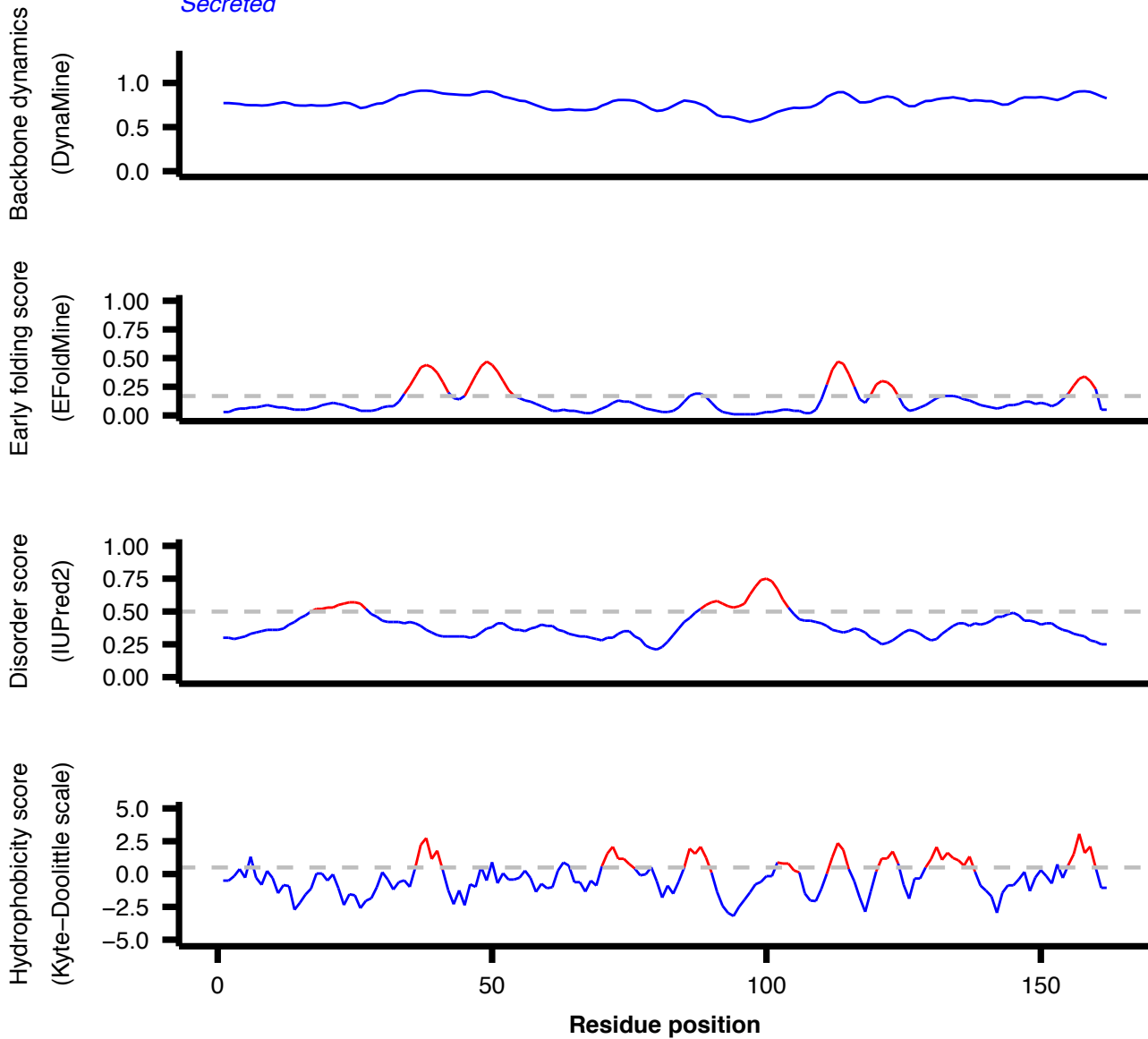
# P28722 (YHCA\_ECOLI)

*Secreted*



# P45421 (YHCE\_ECOLI)

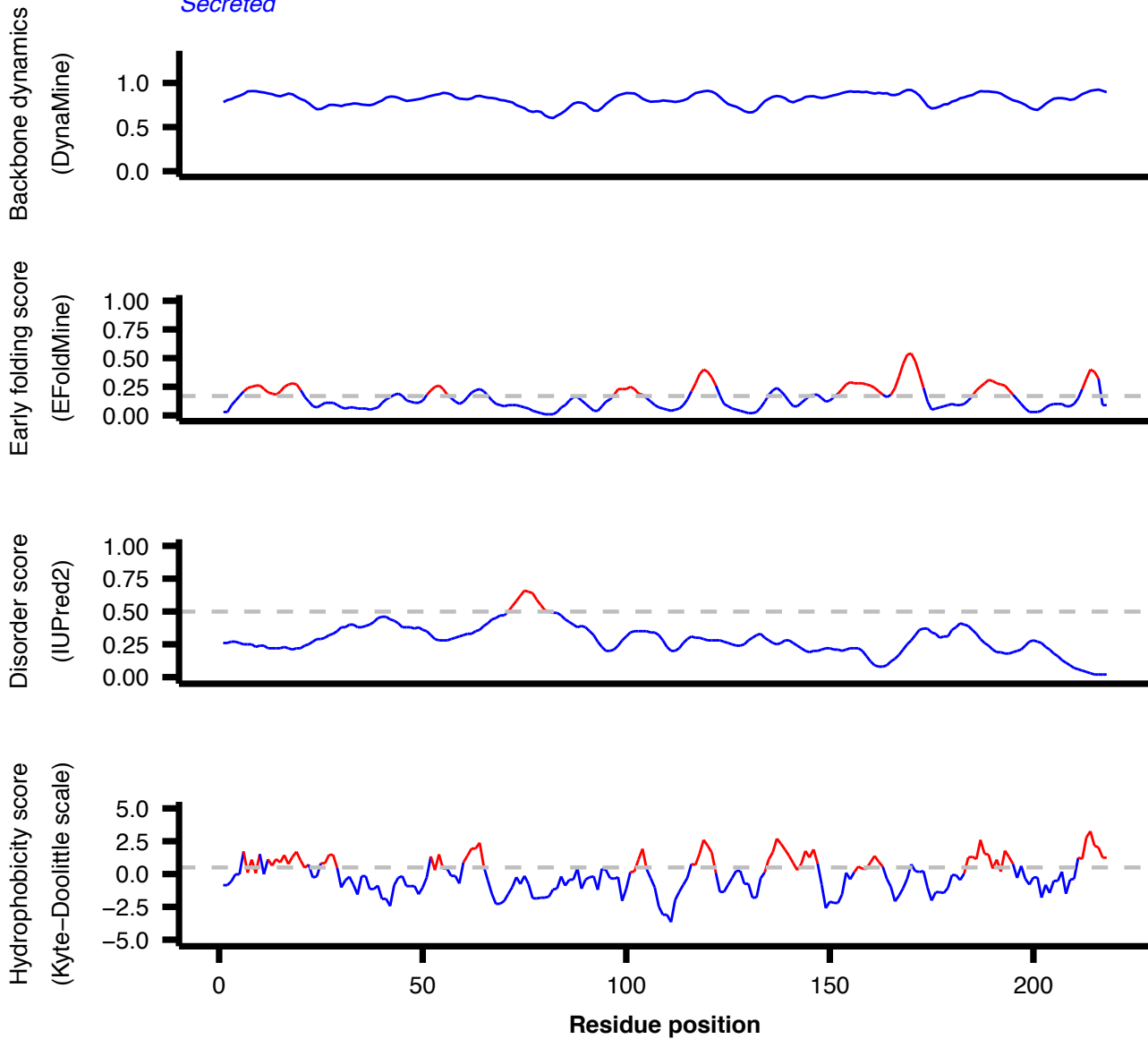
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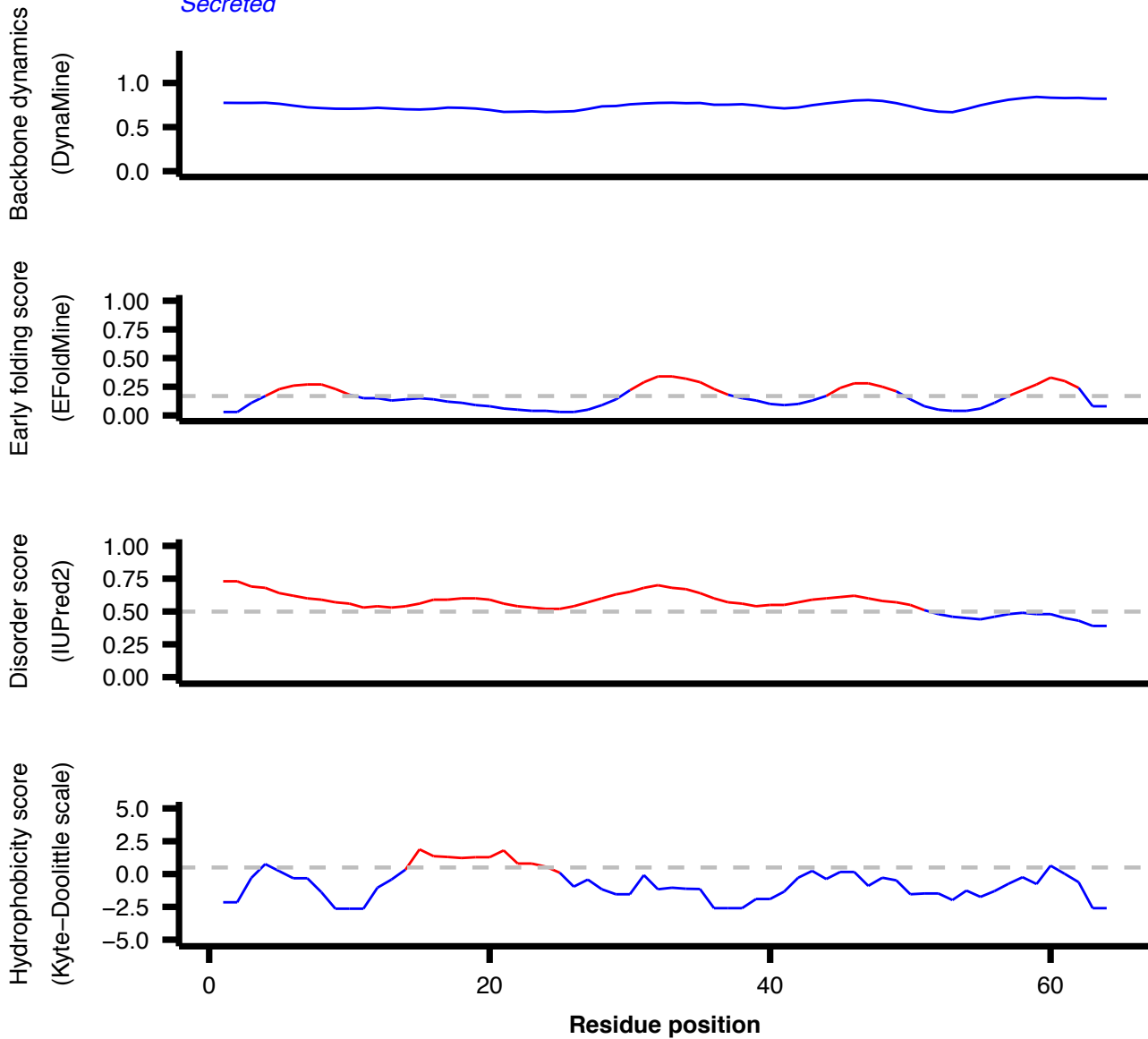
# P45422 (YHCF\_ECOLI)

*Secreted*



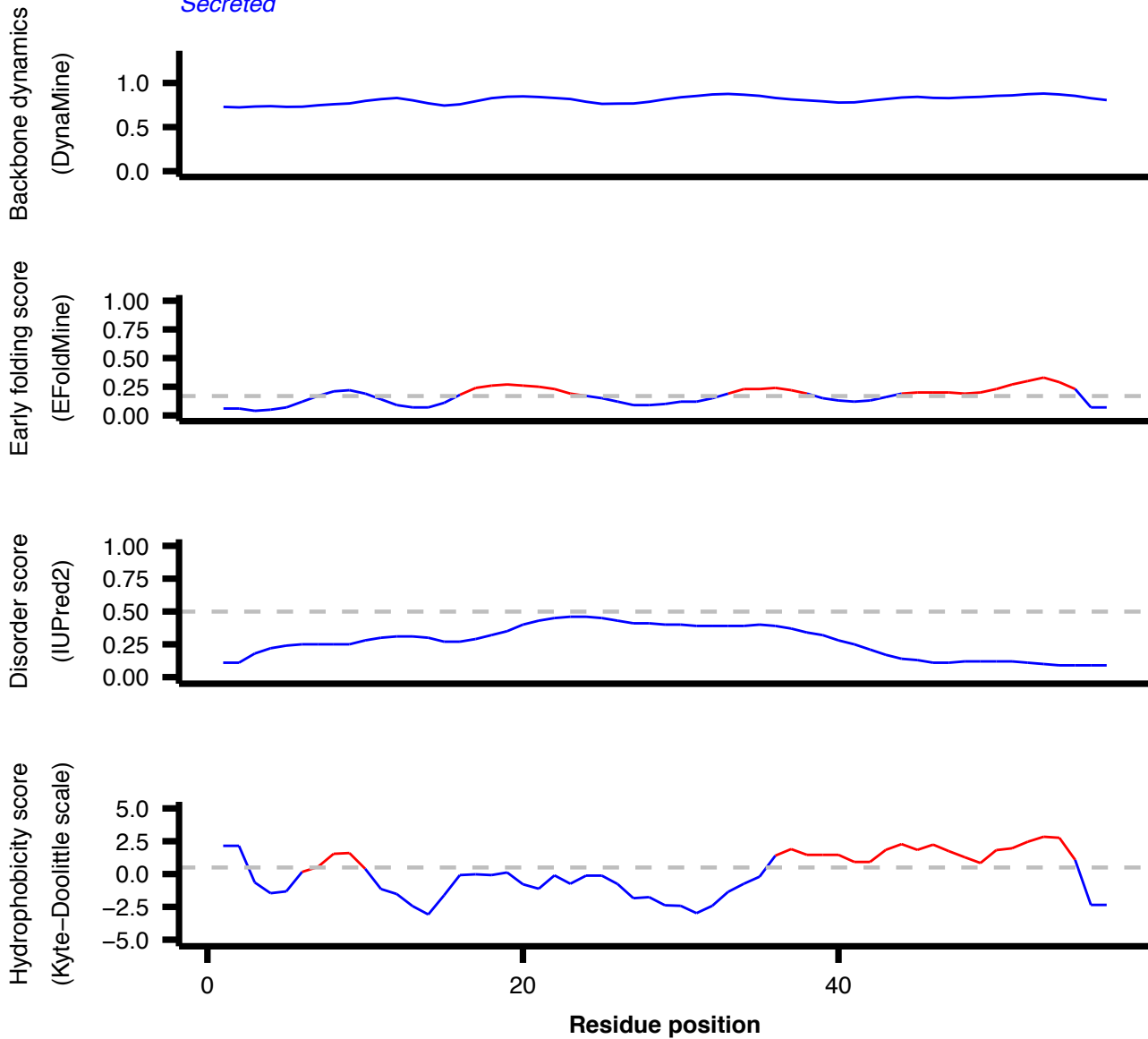
# P64614 (YHCN\_ECOLI)

*Secreted*



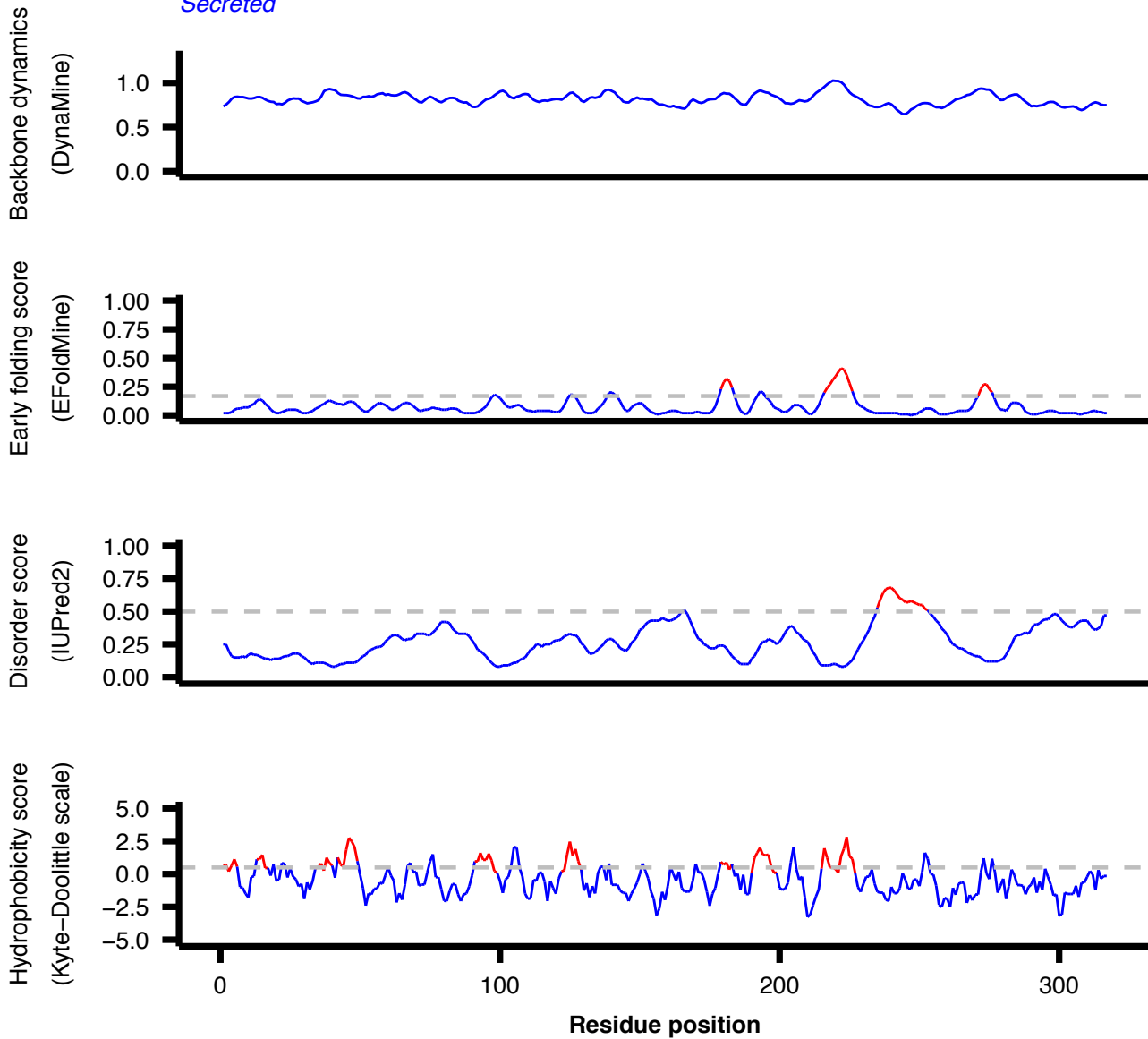
# P64622 (YHDV\_ECOLI)

*Secreted*



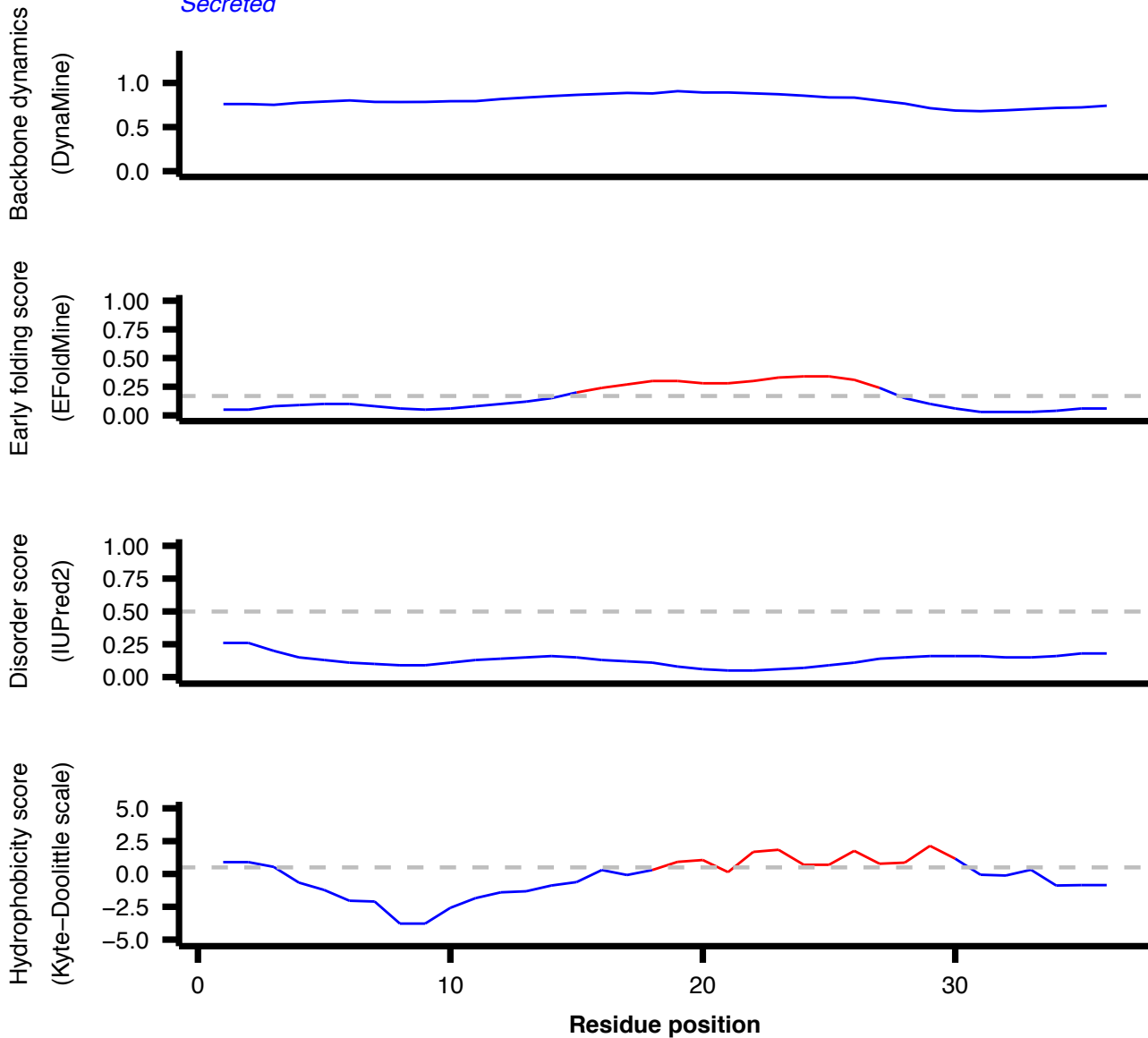
# P45766 (YHDW\_ECOLI)

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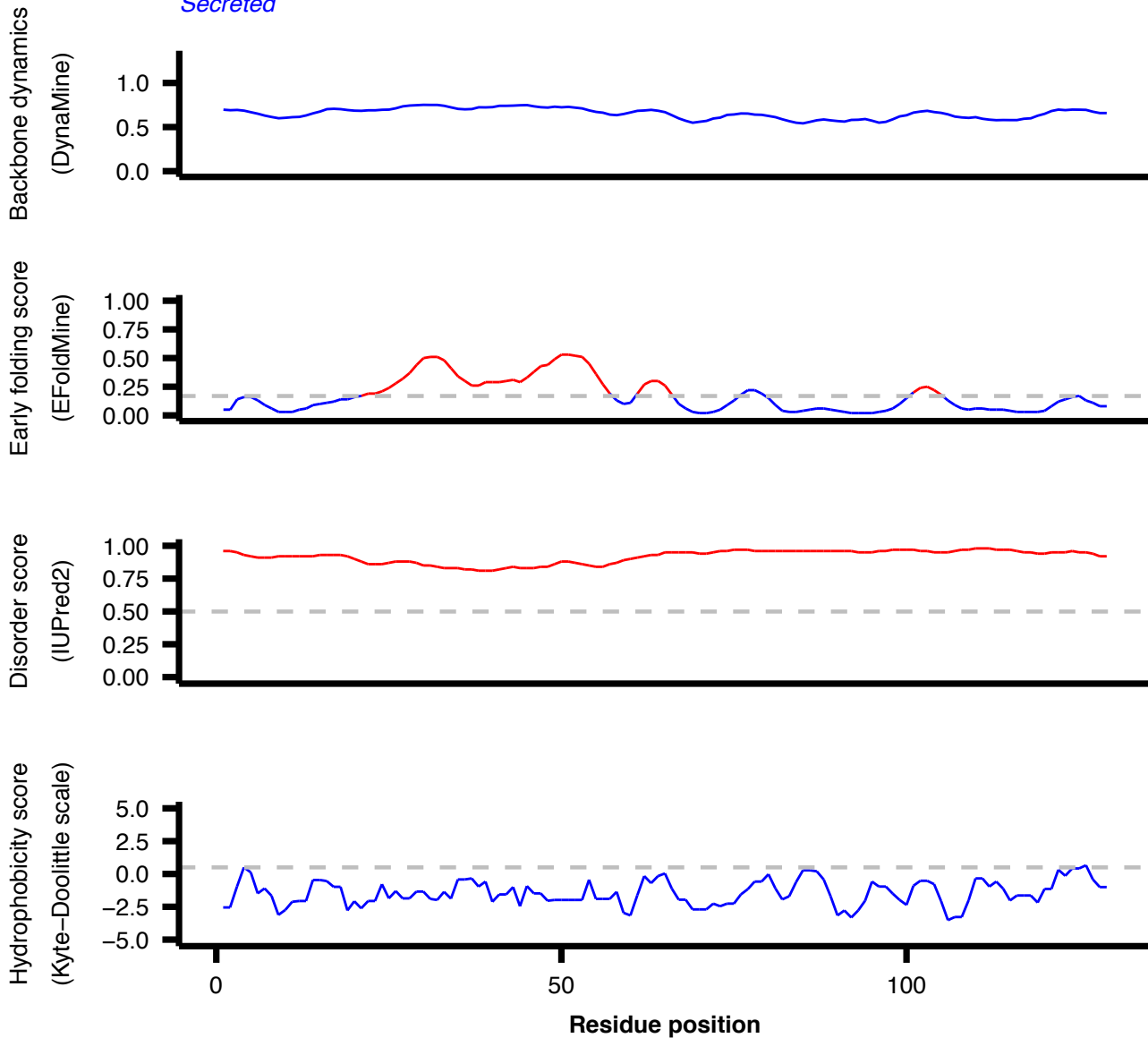
# P64627 (YHFL\_ECOLI)

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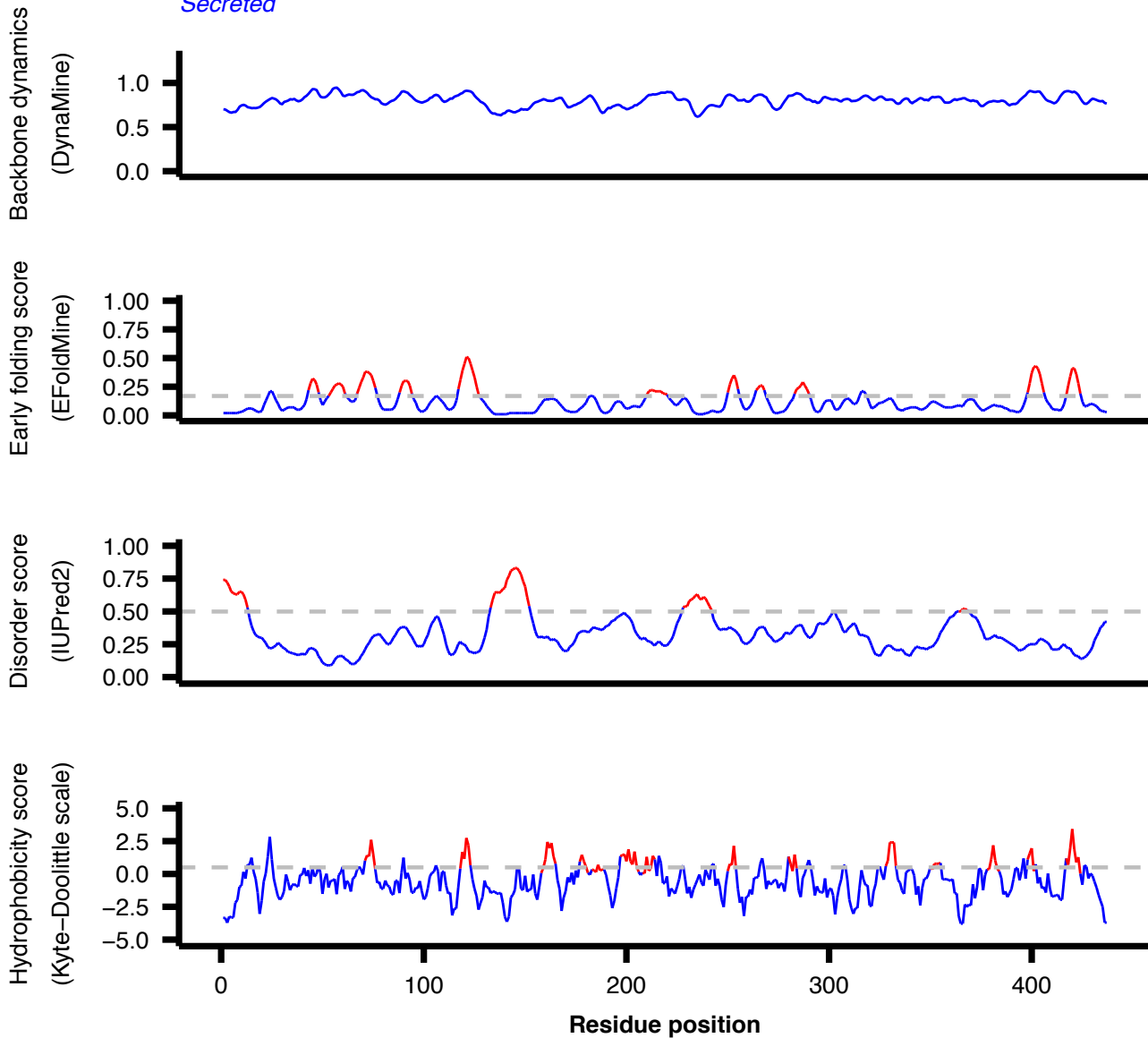
# P0ADX7 (YHHA\_ECOLI)

*Secreted*



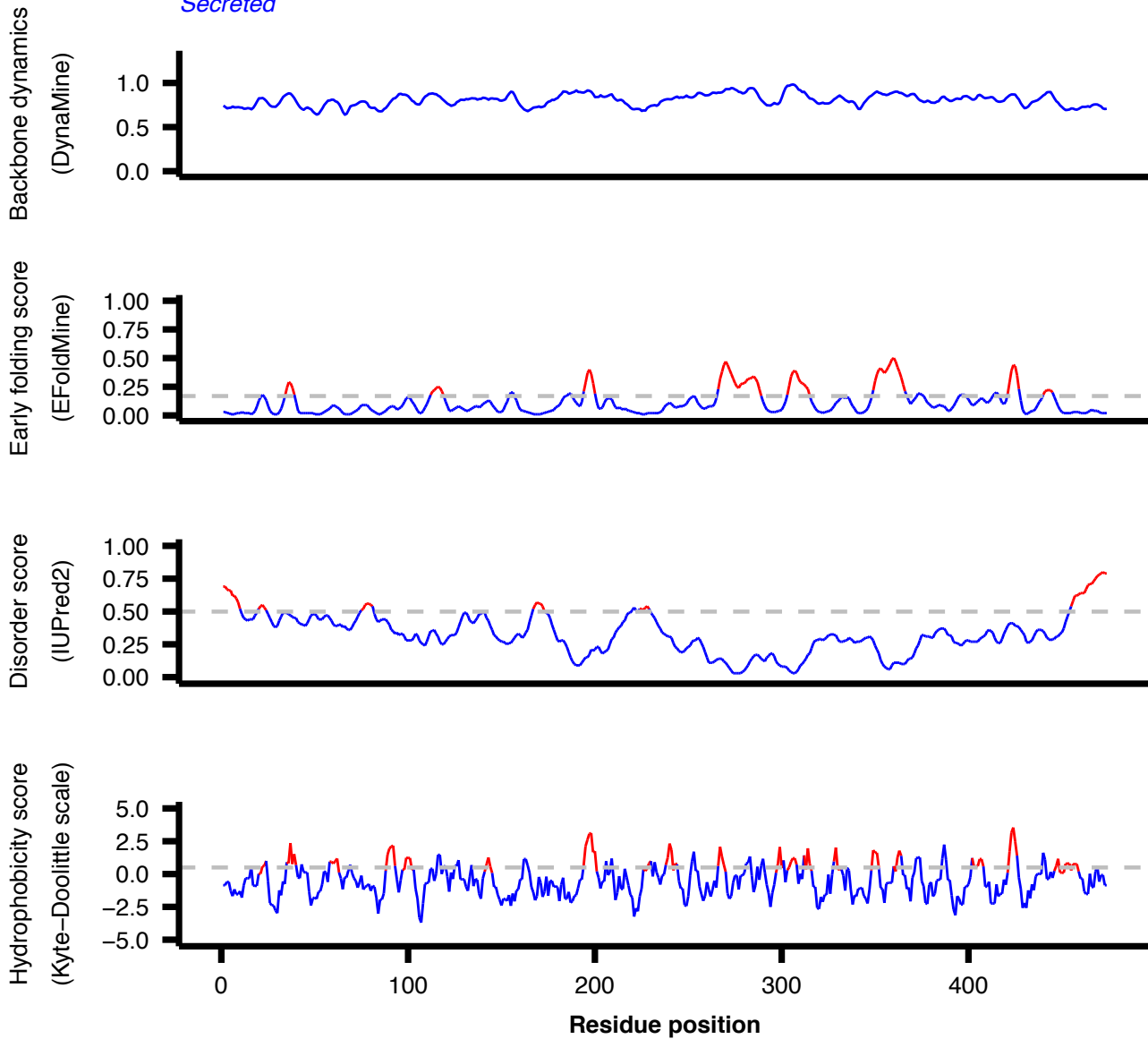
# P37197 (YHJA\_ECOLI)

*Secreted*



# P37648 (YHJJ\_ECOLI)

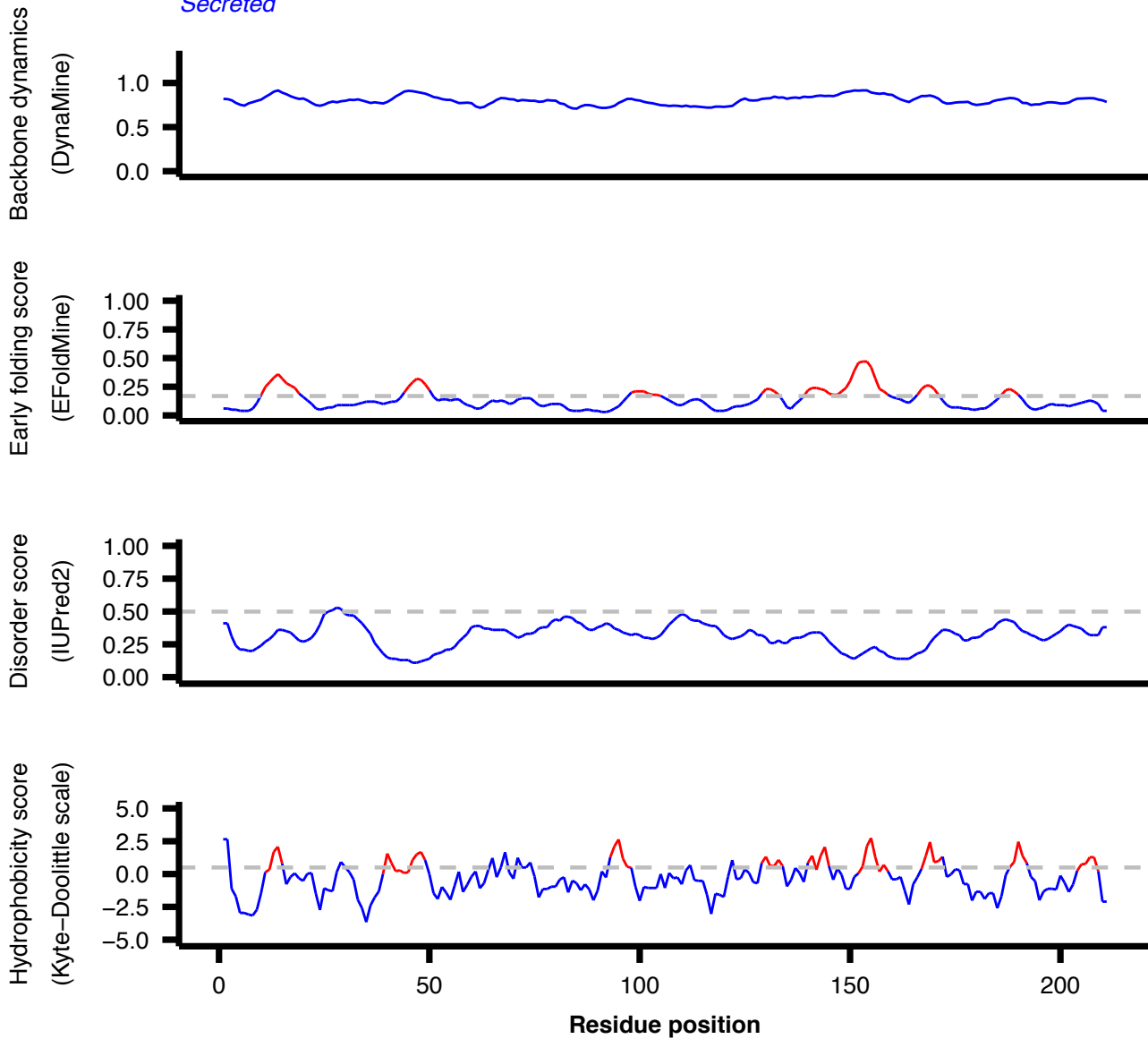
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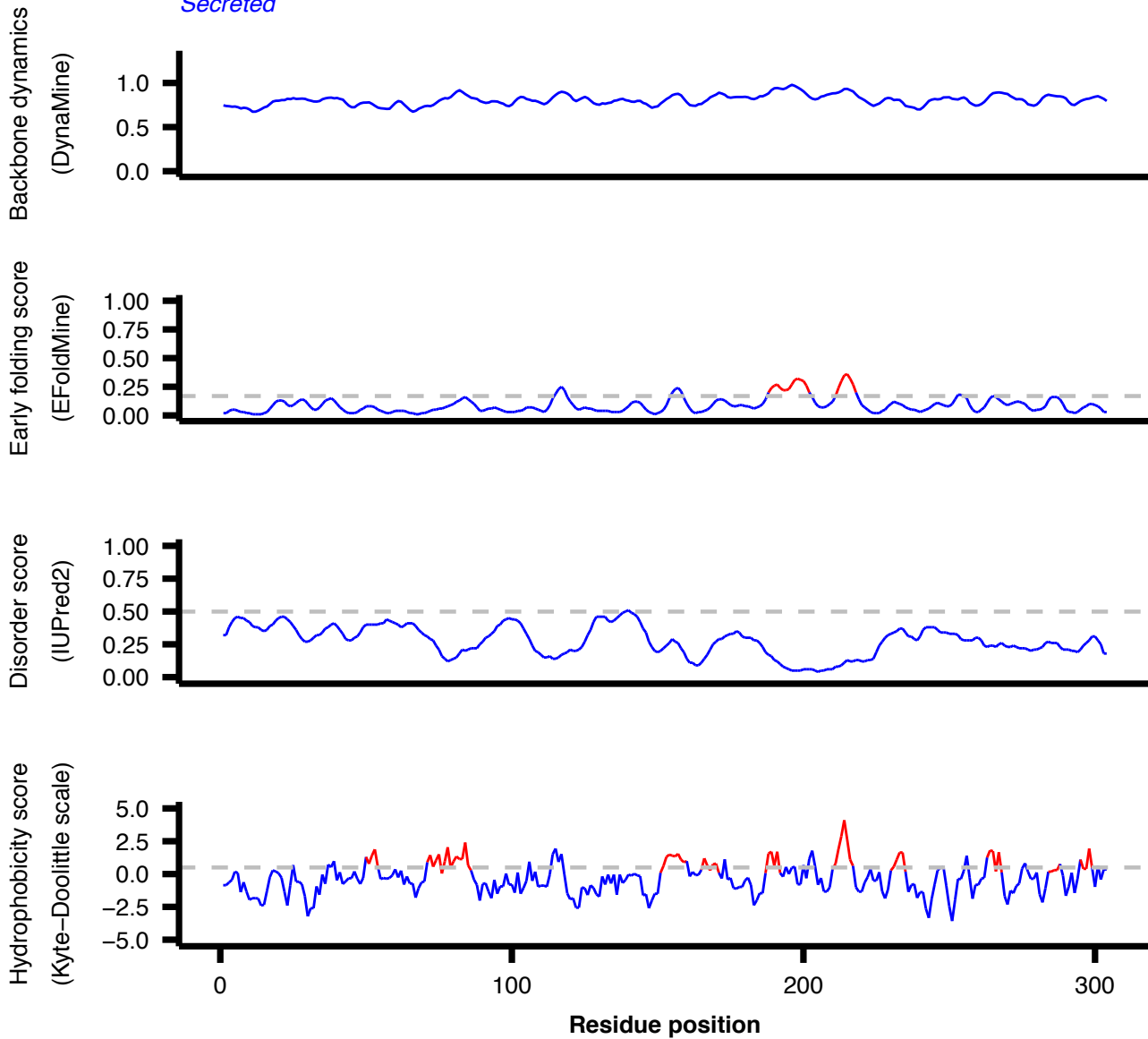
# P0ADK0 (YIAF\_ECOLI)

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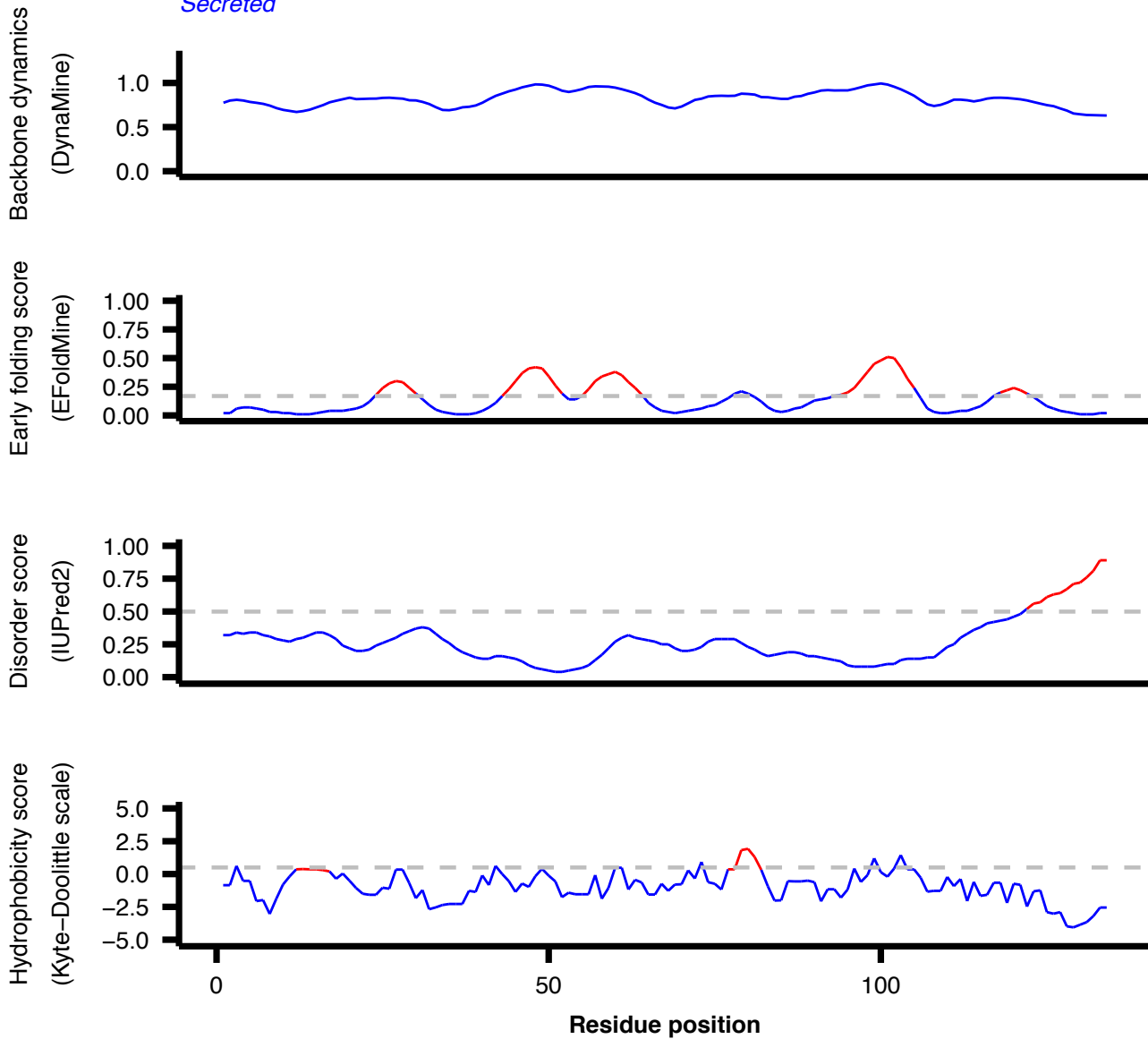
# P37676 (YIAO\_ECOLI)

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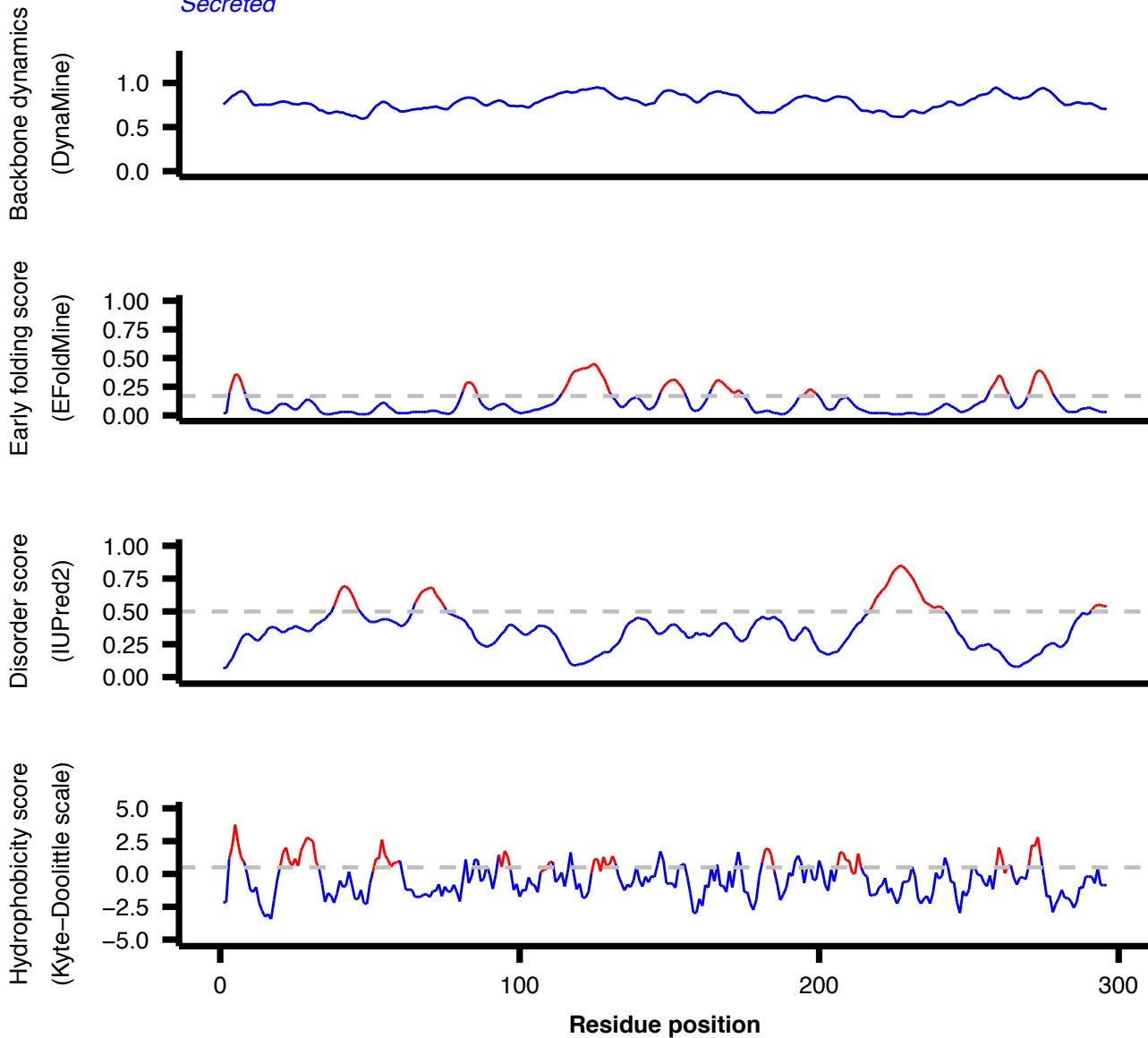
# P32106 (YIBG\_ECOLI)

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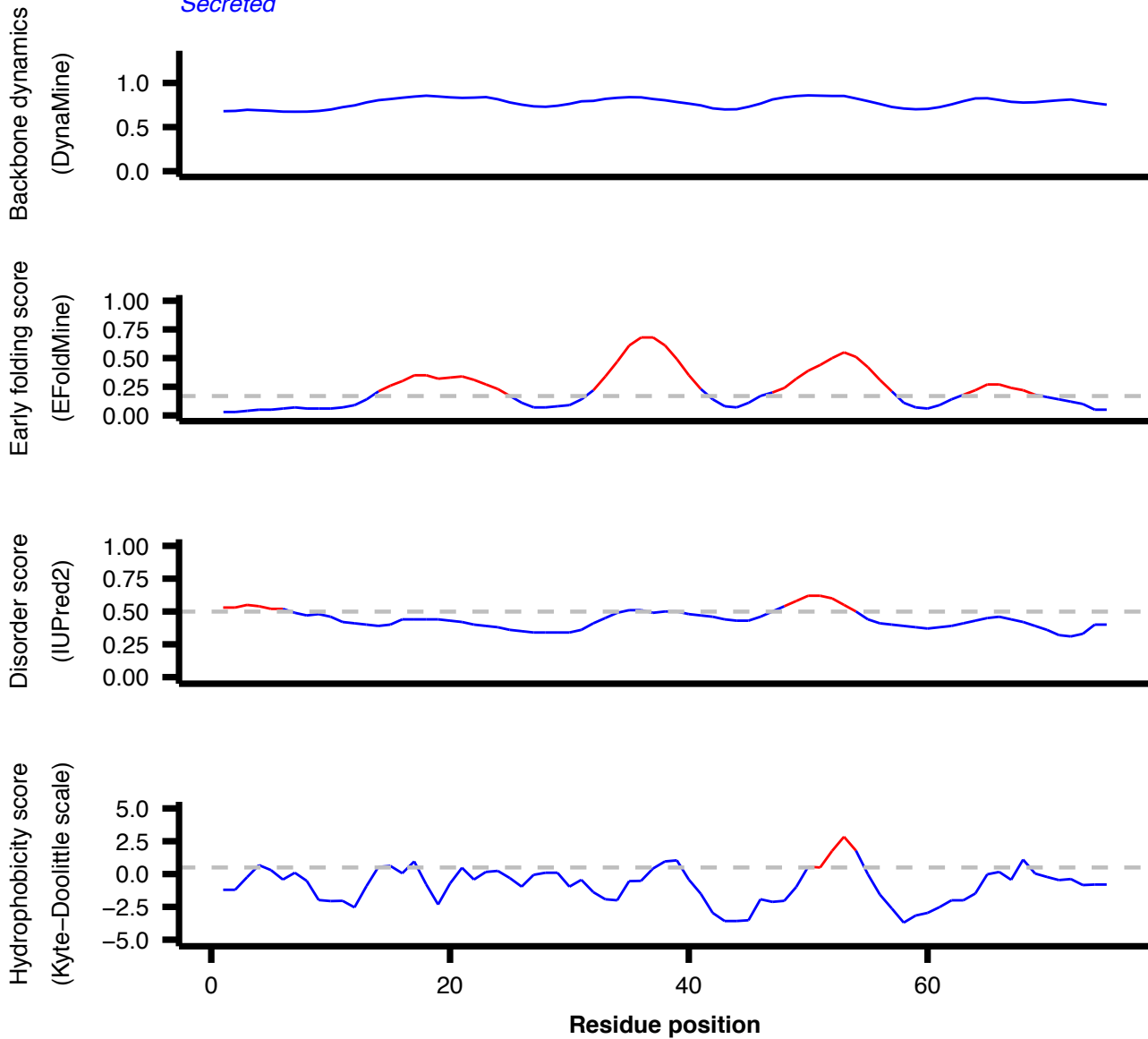
# P37691 (YIBQ\_ECOLI)

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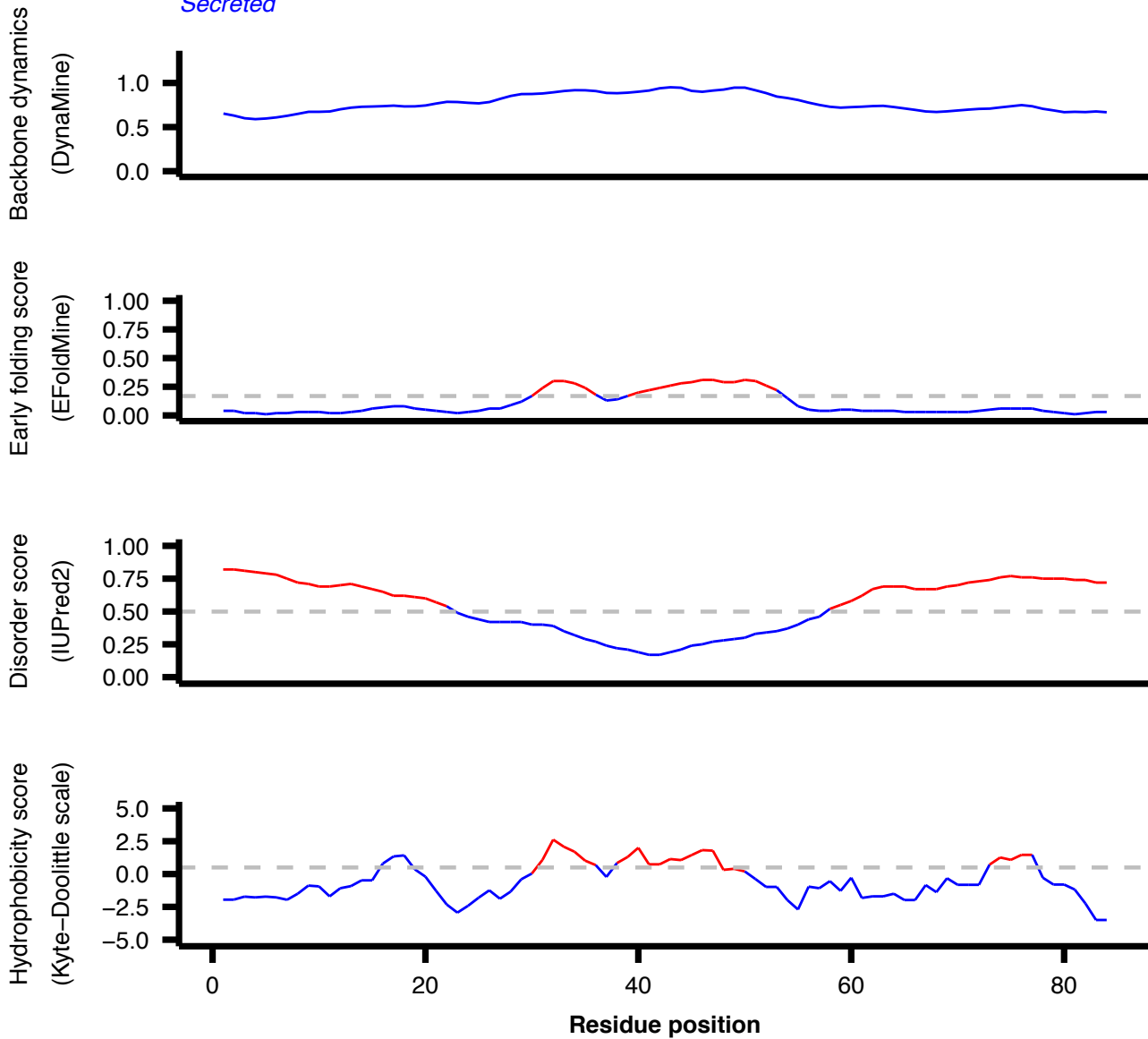
# Q2M7X4 (YICS\_ECOLI)

*Secreted*



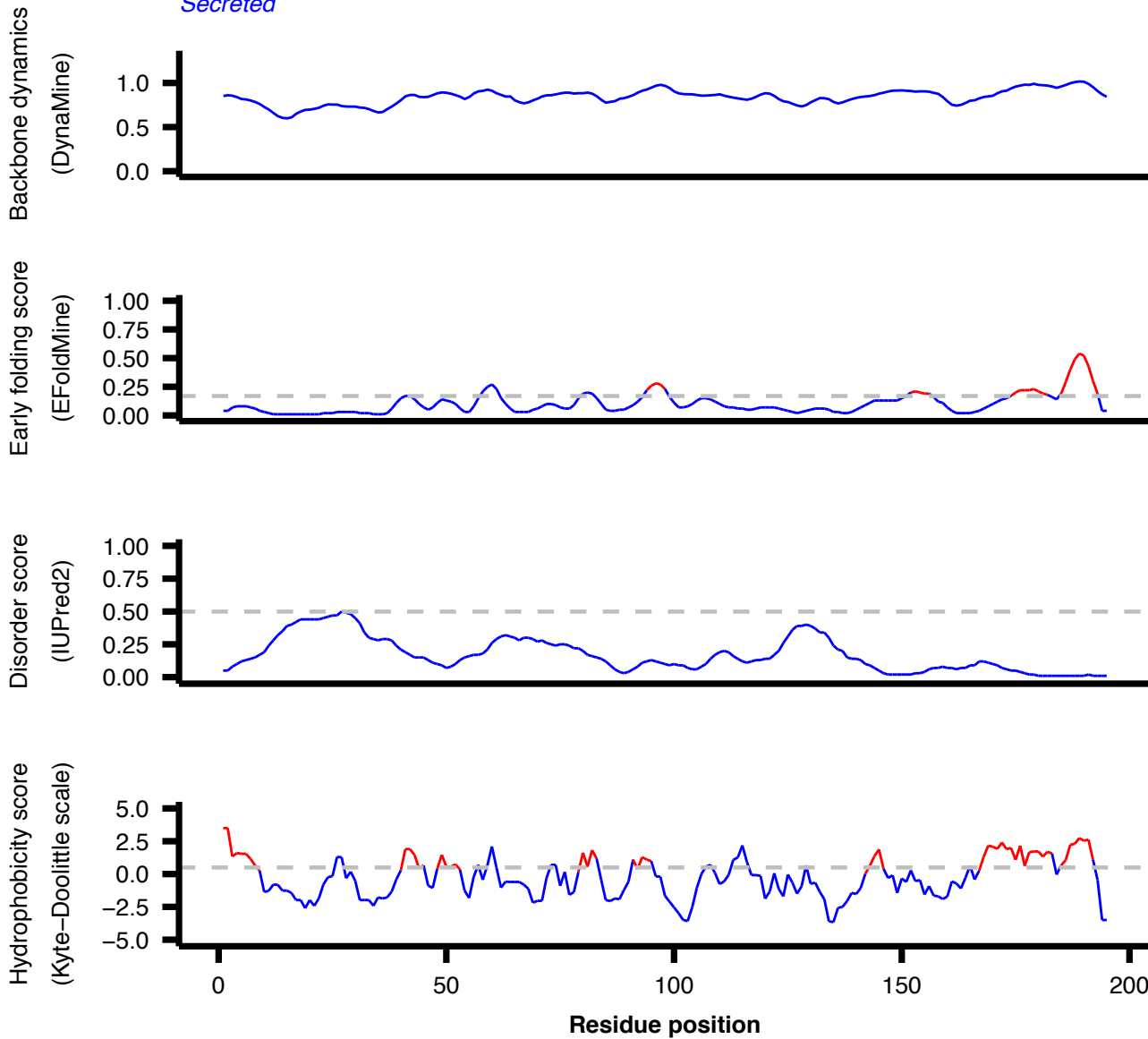
# P0ADM4 (YIDQ\_ECOLI)

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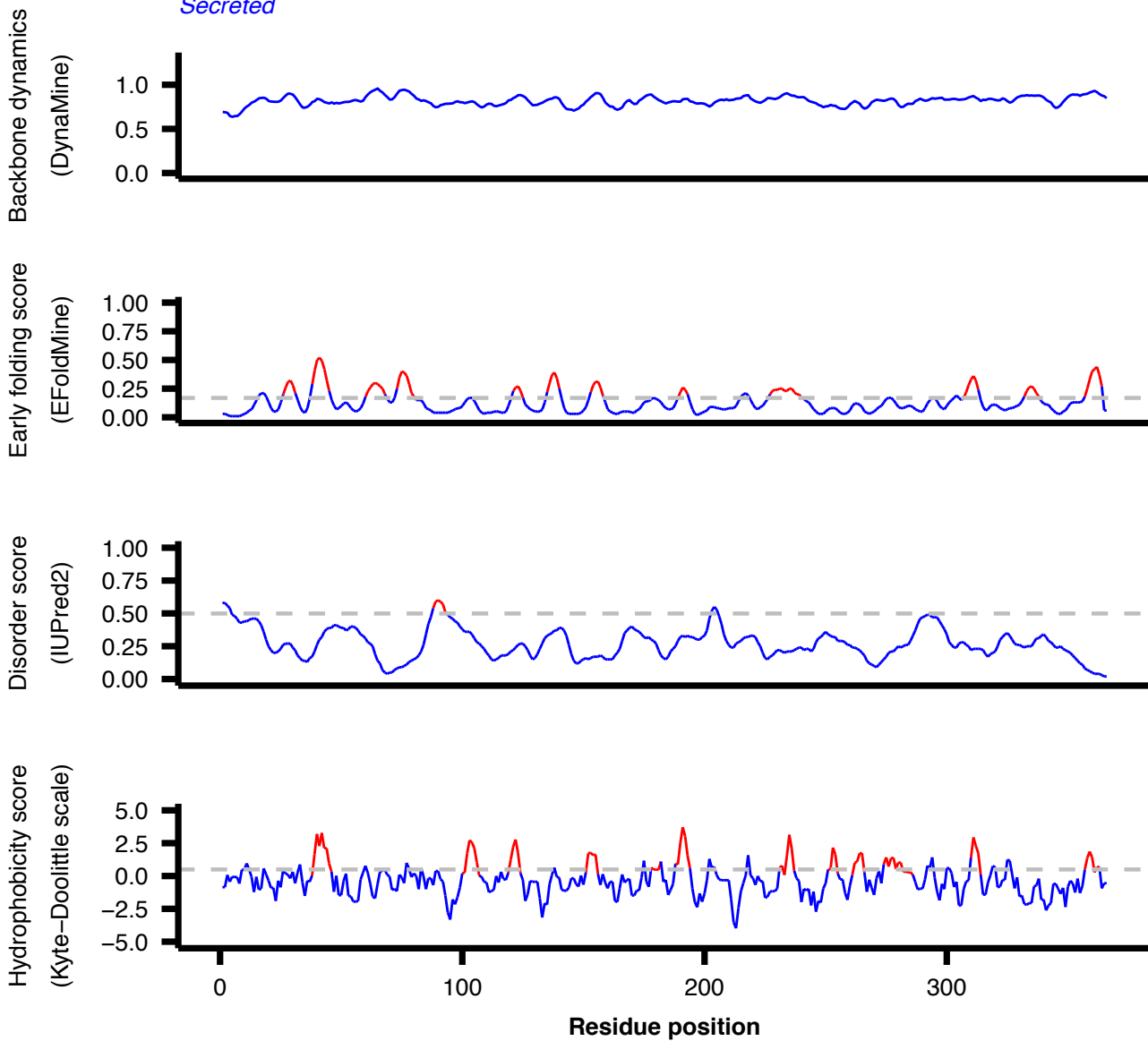
# P0ADM6 (YIDX\_ECOLI)

*Secreted*



# P31471 (YIEL\_ECOLI)

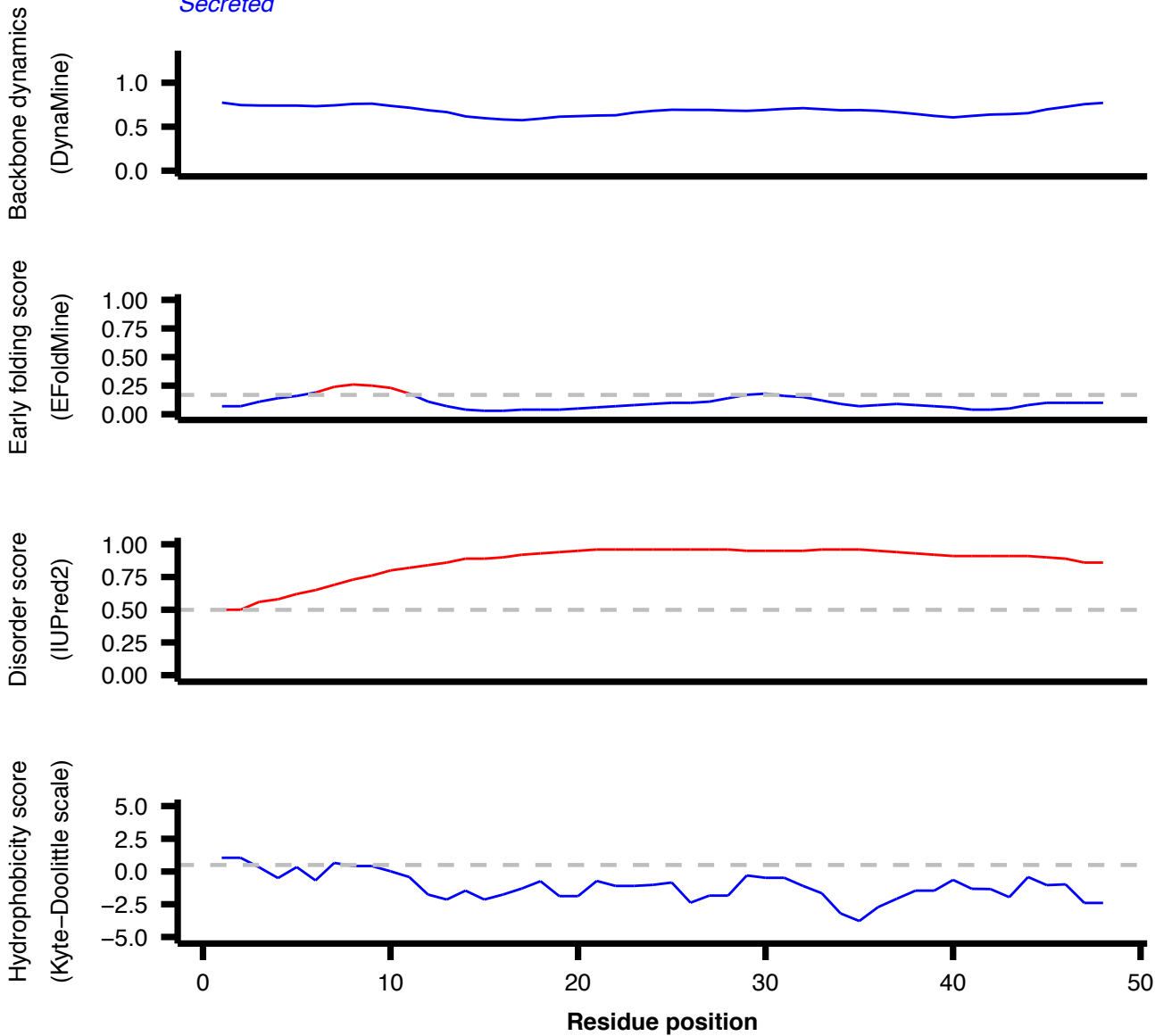
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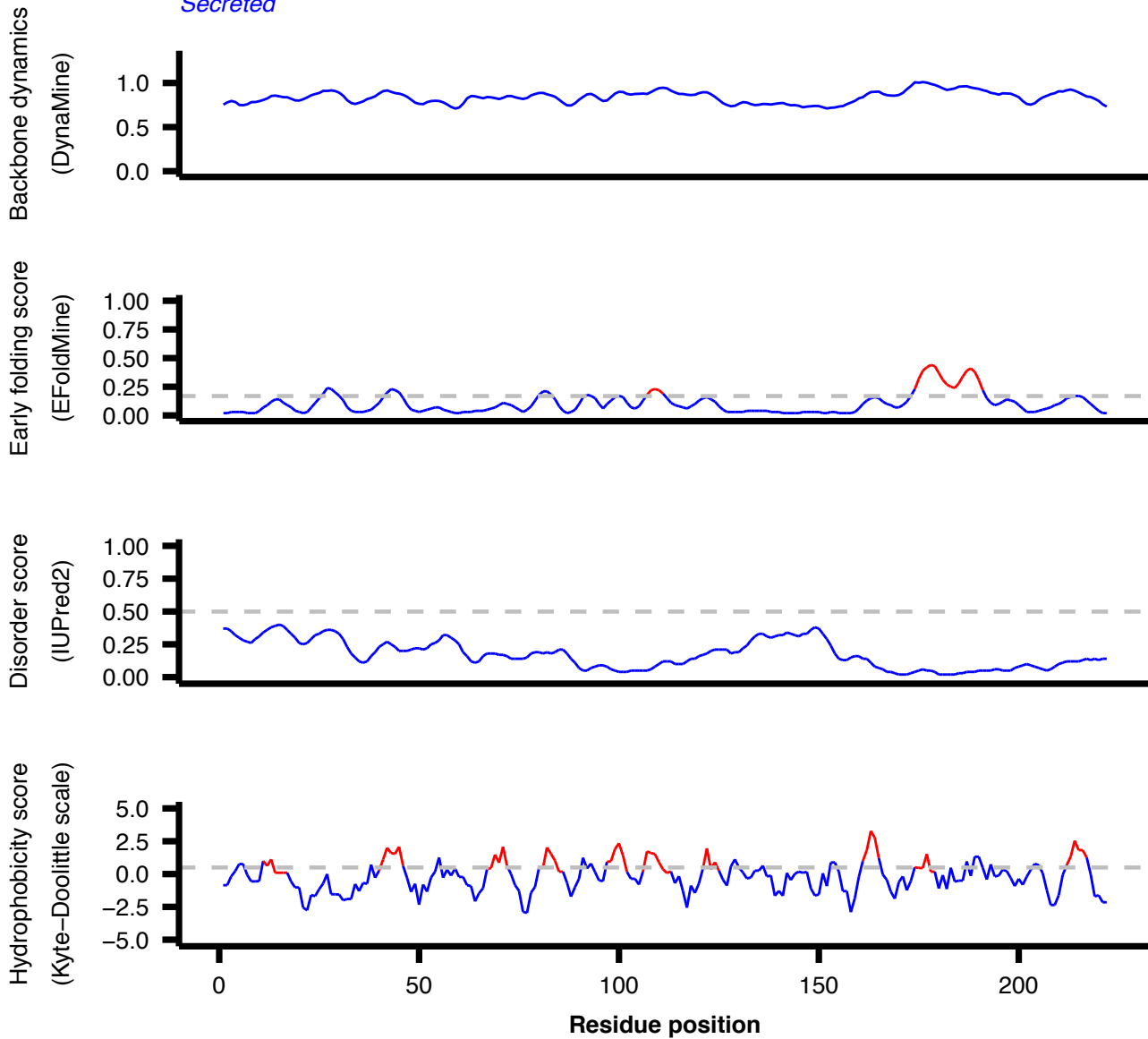
# P0ADN6 (YIFL\_ECOLI)

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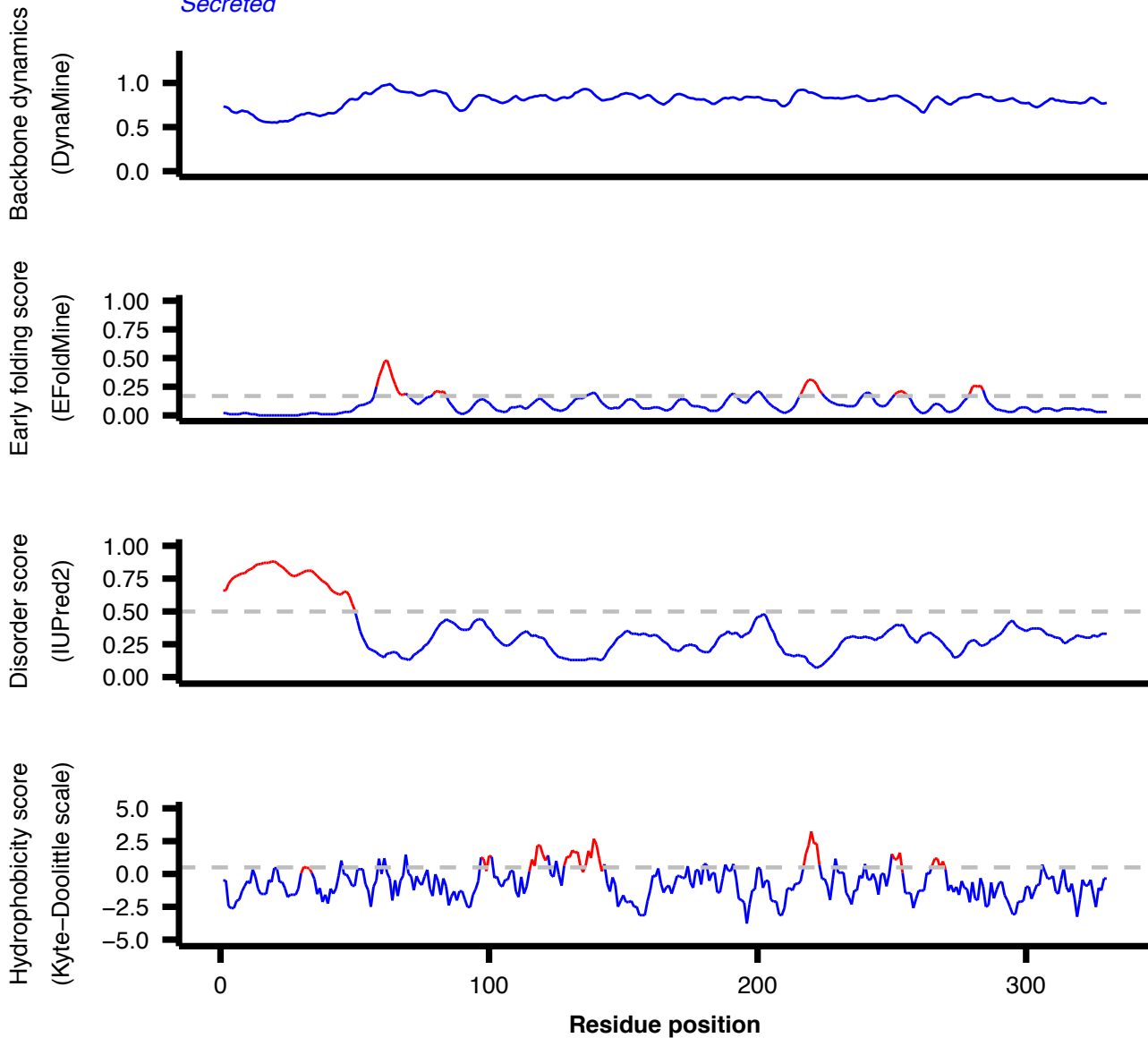
# P27840 (YIGE\_ECOLI)

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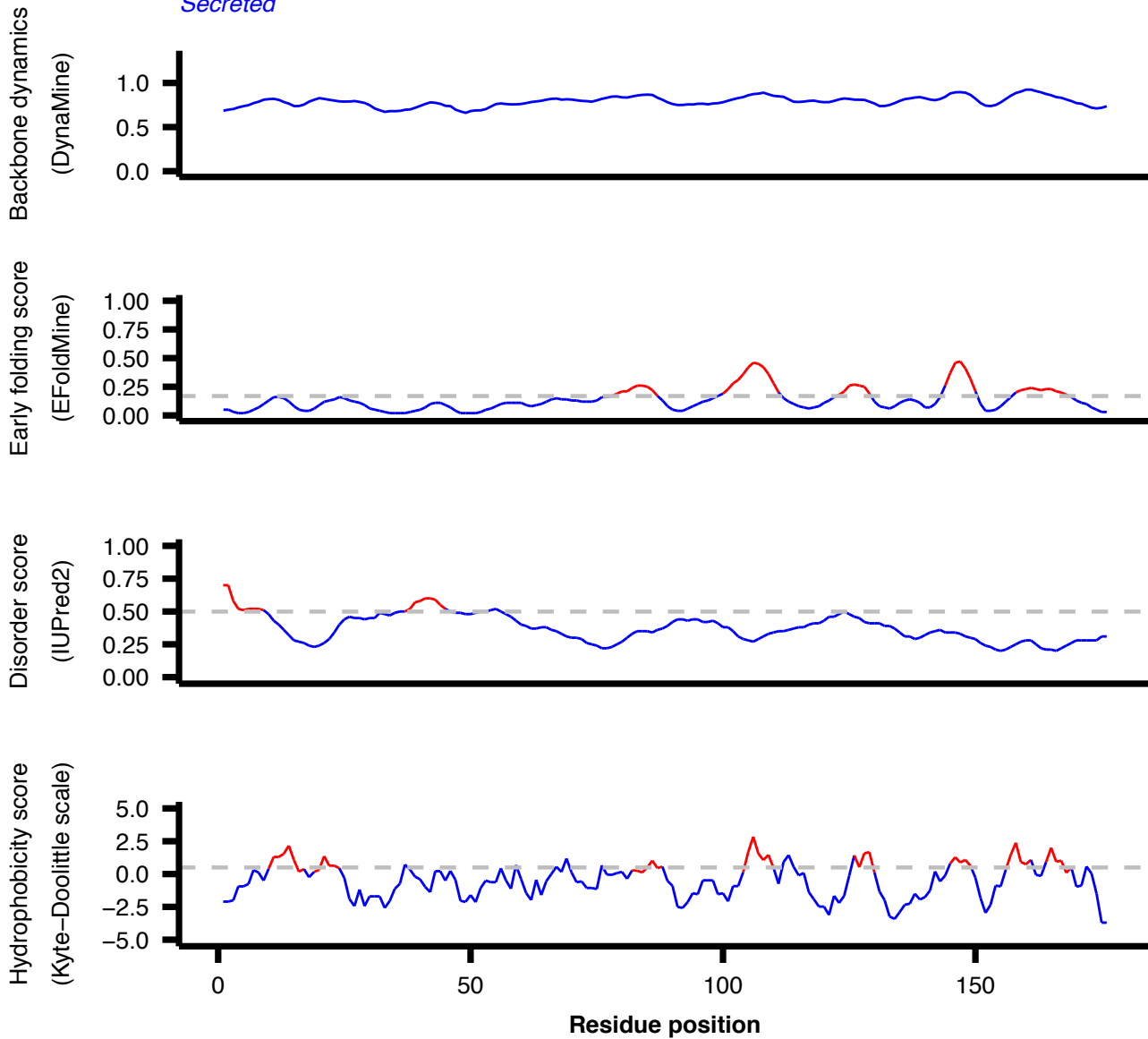
# P32151 (YIIG\_ECOLI)

*Secreted*



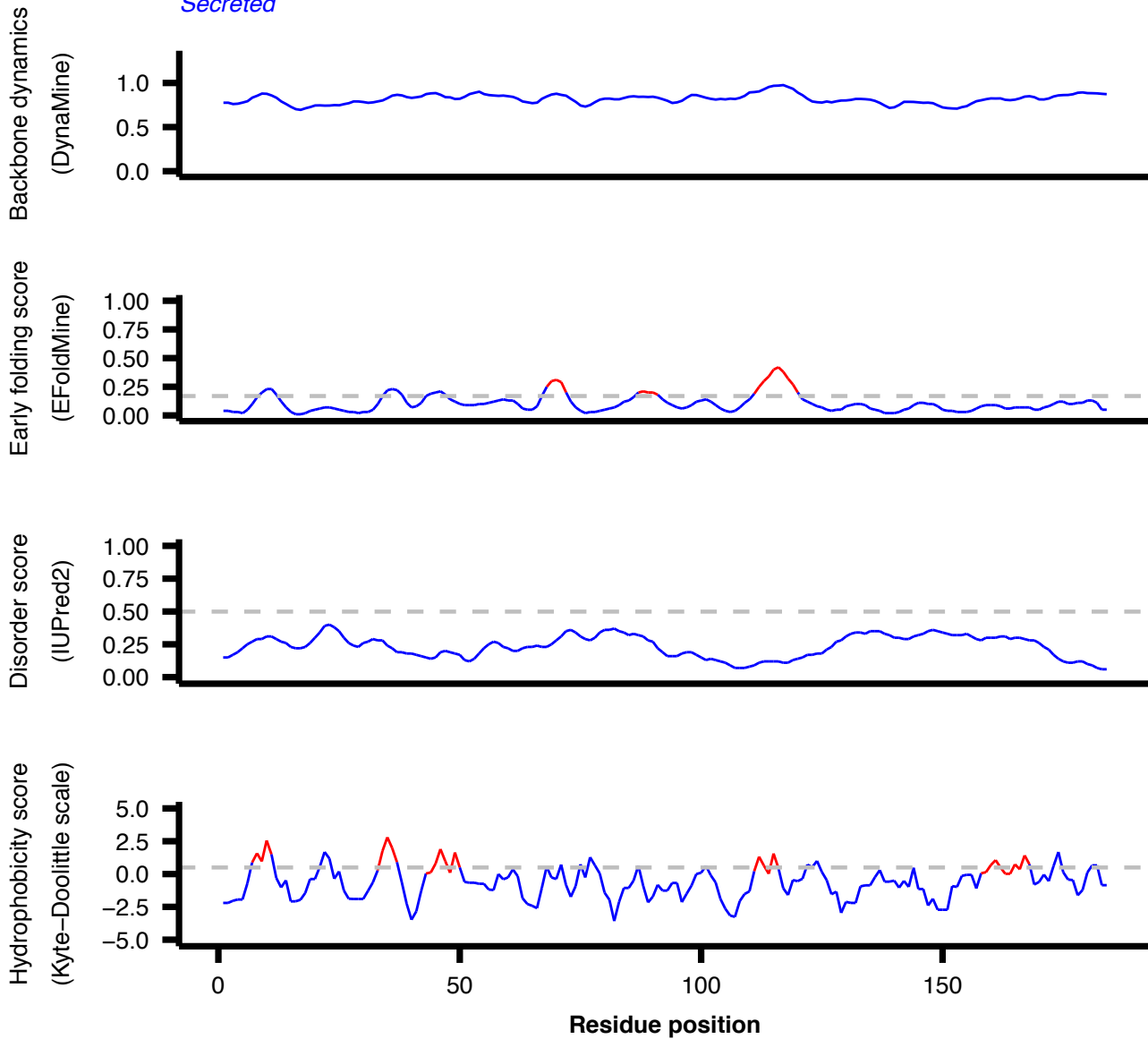
# P32160 (YIIQ\_ECOLI)

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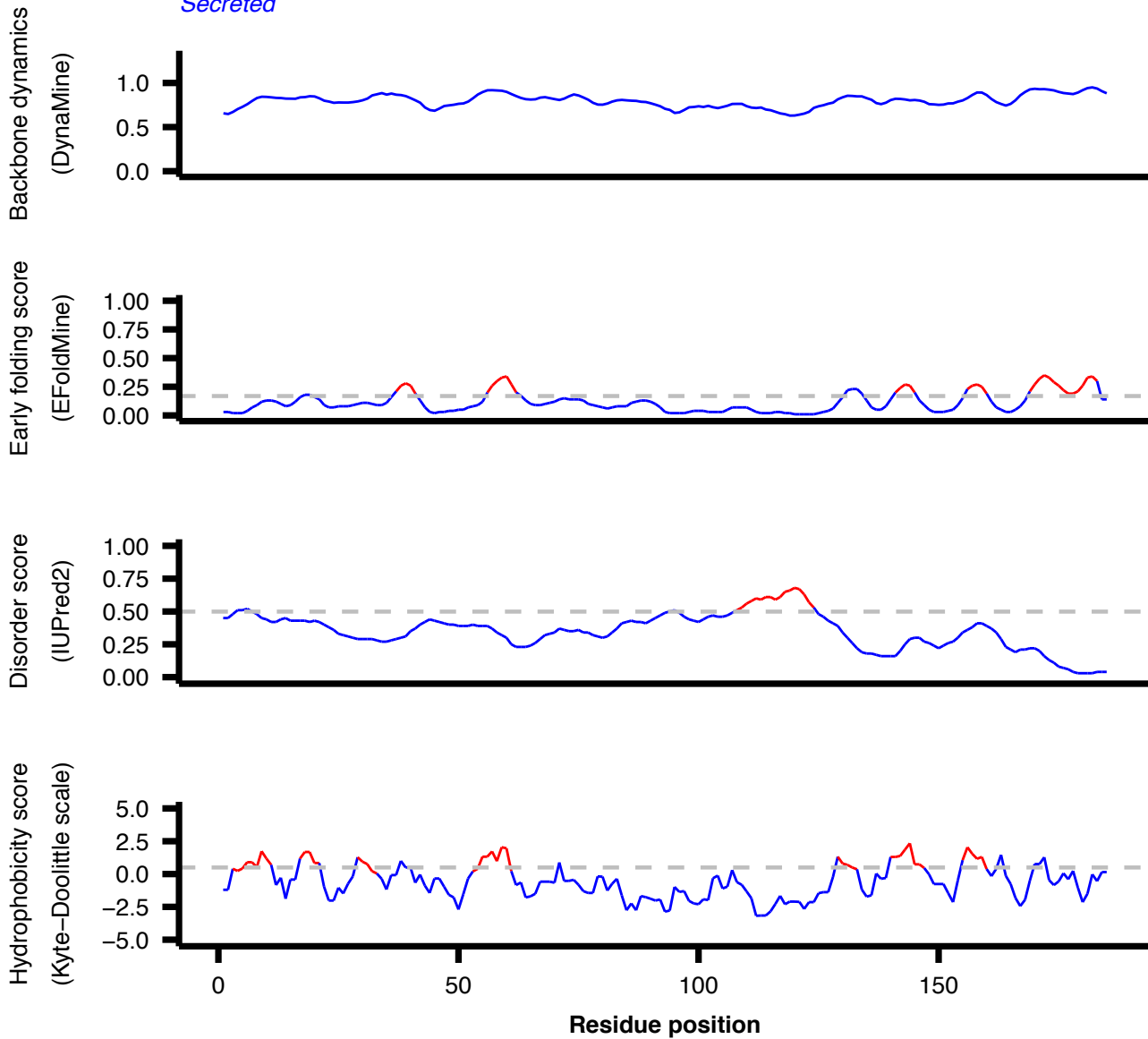
# P32167 (YIIX\_ECOLI)

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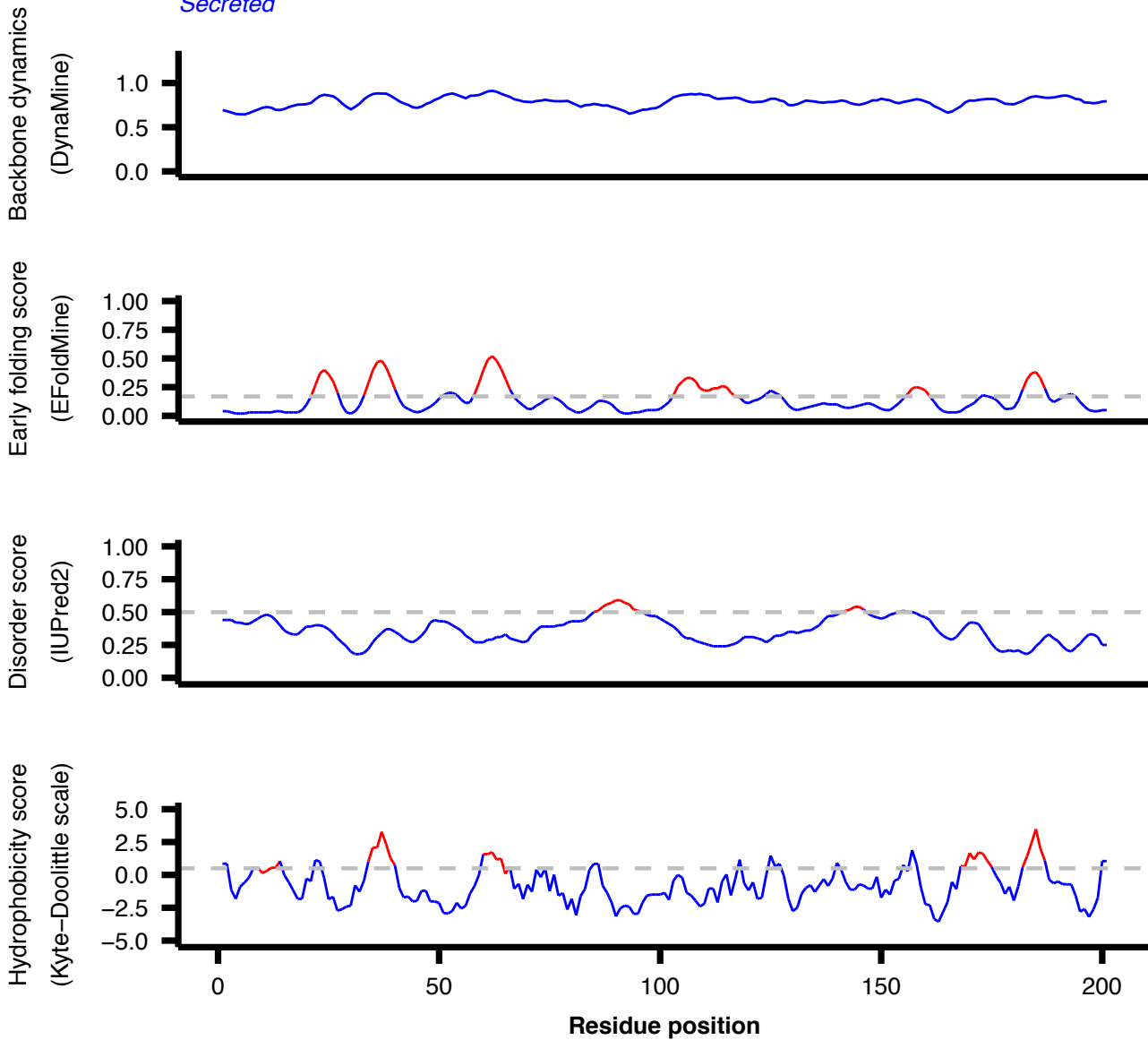
# P32668 (YIJF\_ECOLI)

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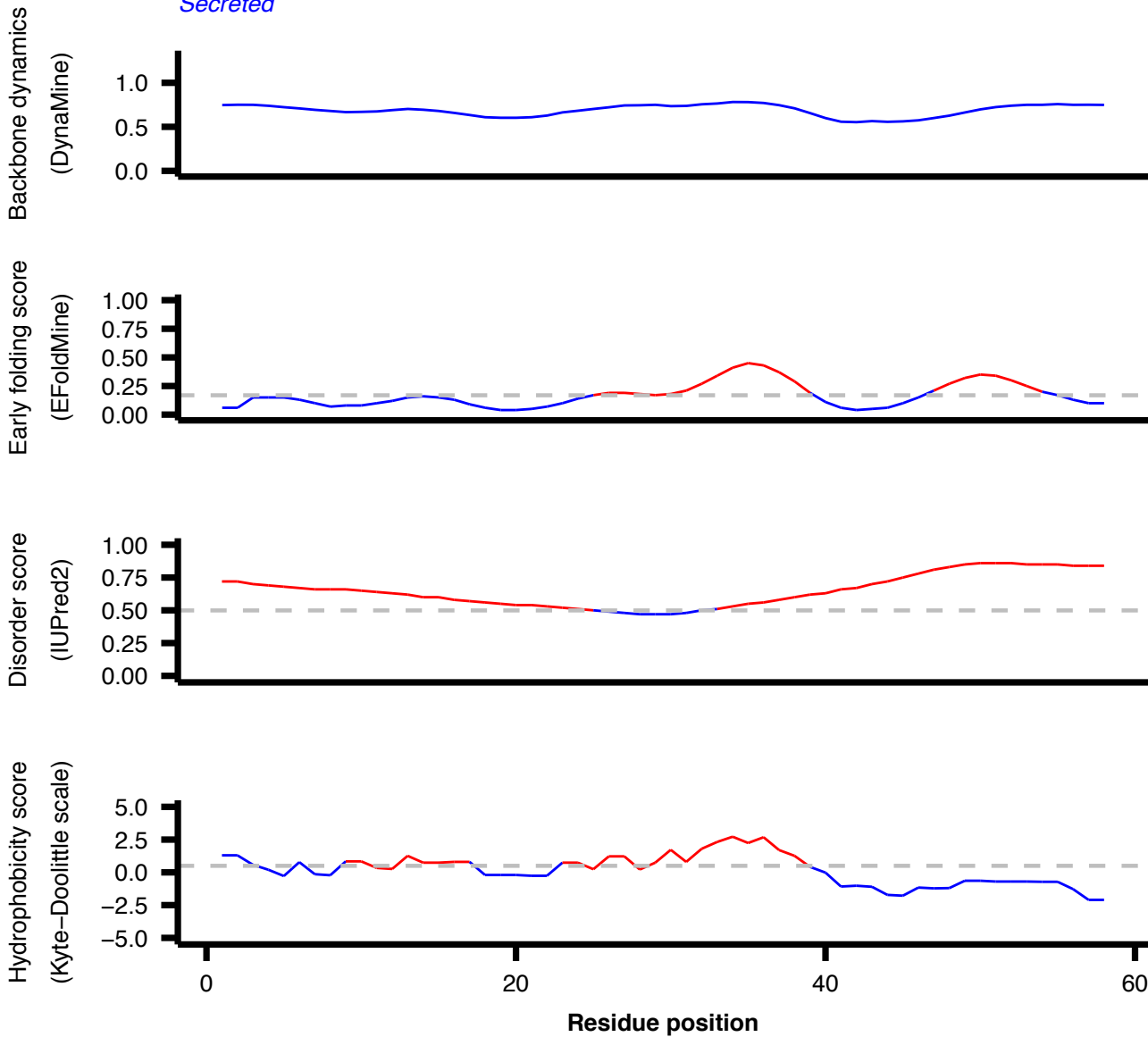
# P32681 (YJAH\_ECOLI)

*Secreted*



# P0AF45 (YJBE\_ECOLI)

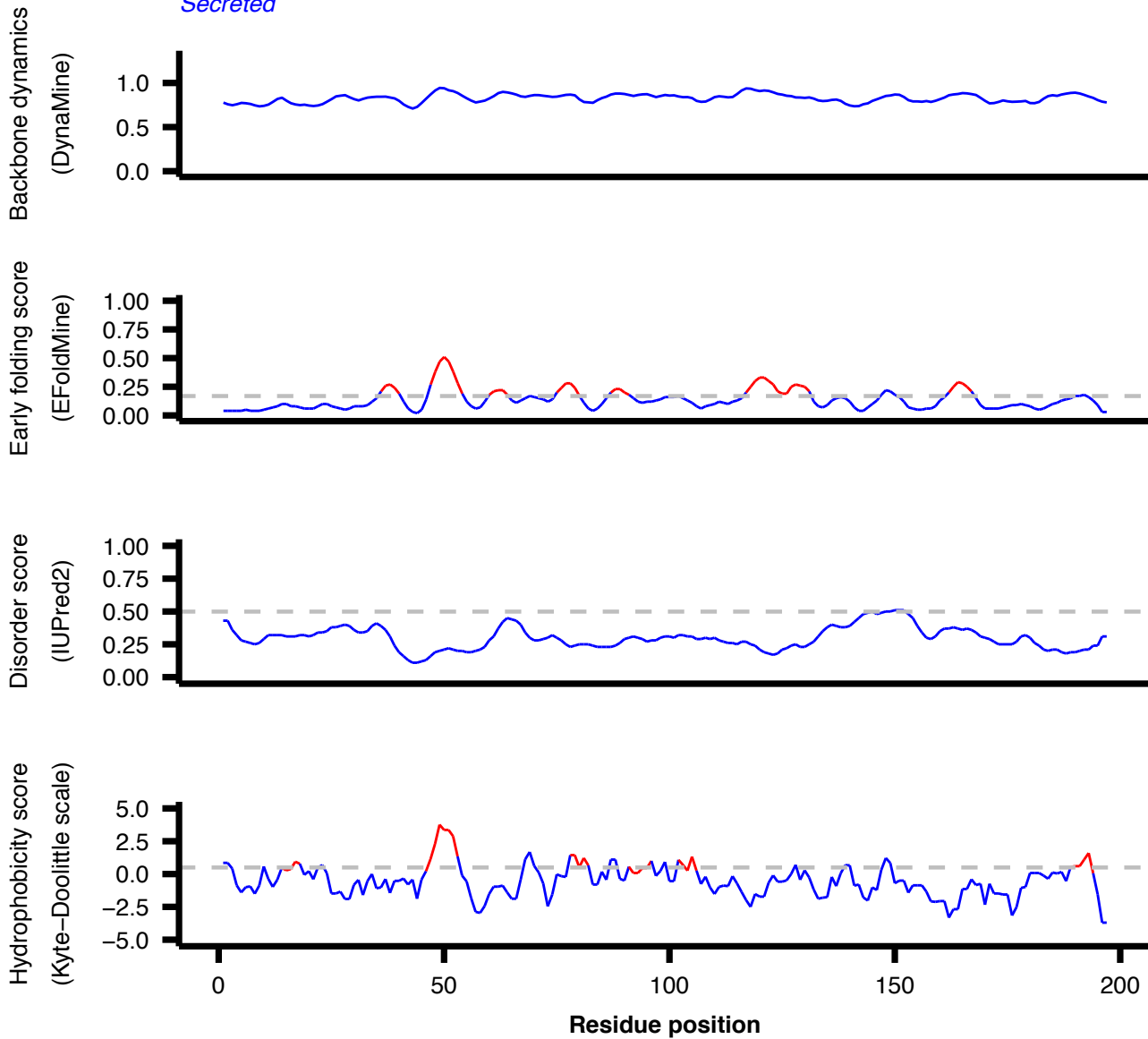
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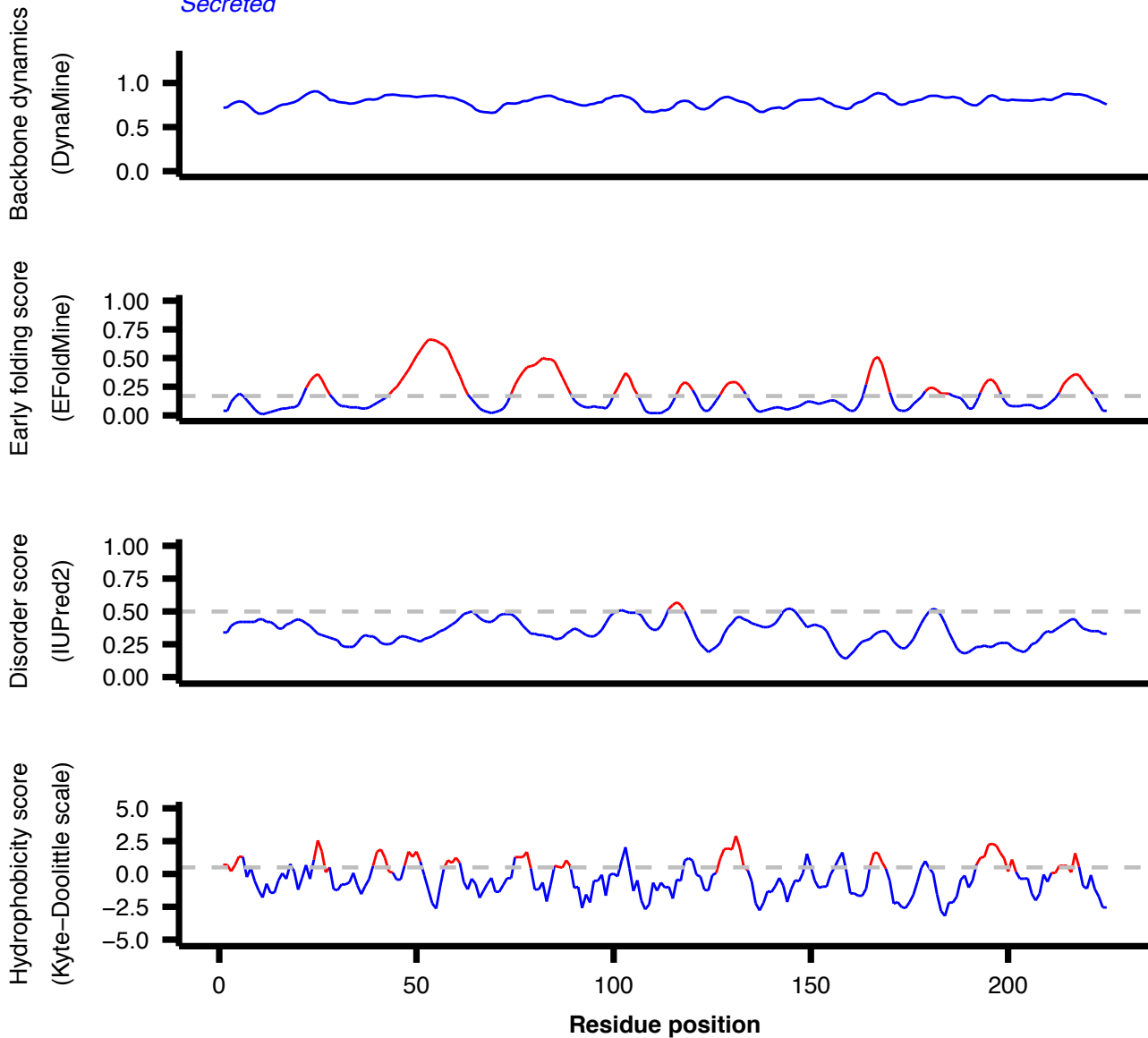
# P32687 (YJBF\_ECOLI)

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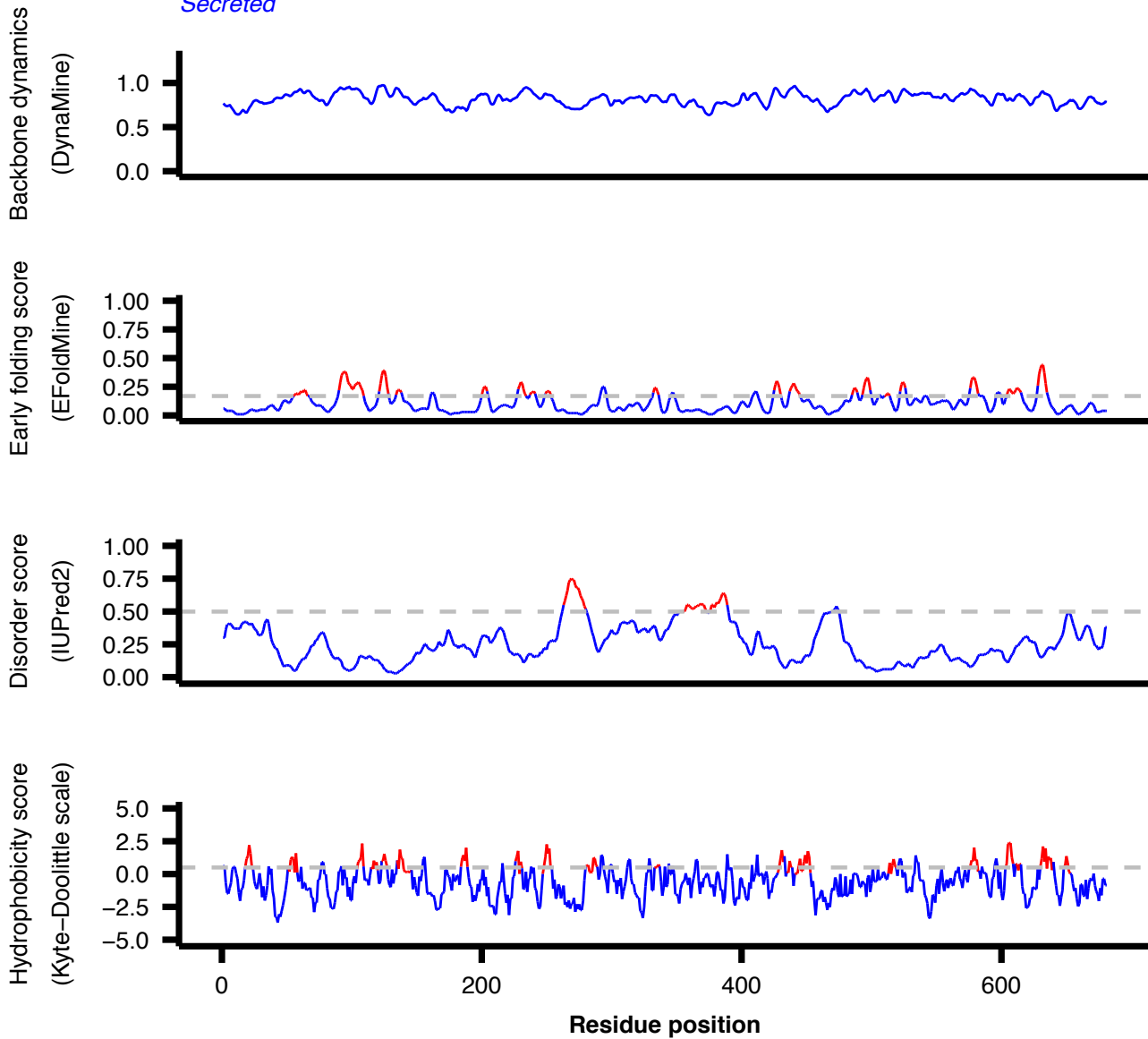
# P32688 (YJBG\_ECOLI)

*Secreted*



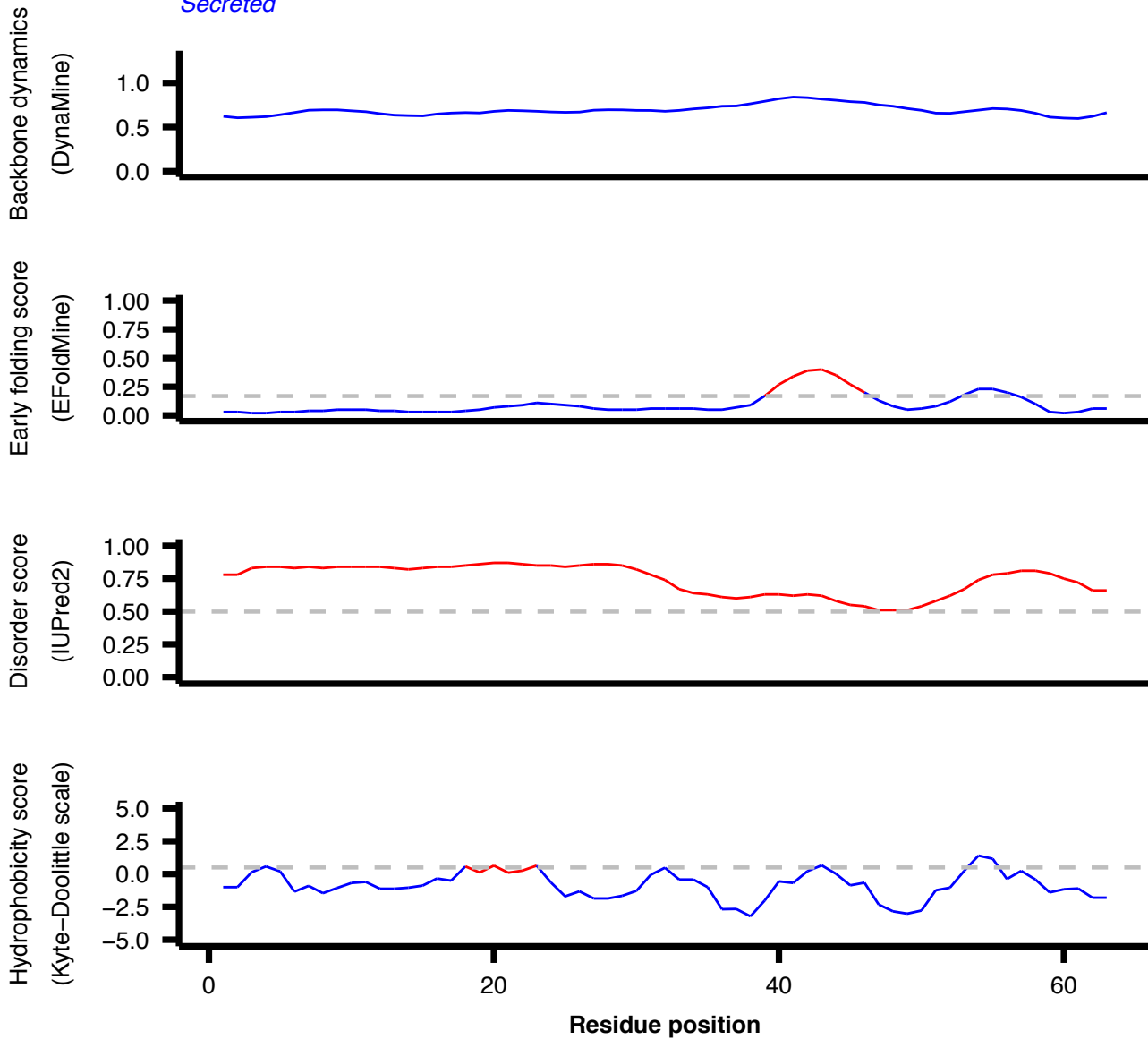
# P32689 (YJBH\_ECOLI)

*Secreted*



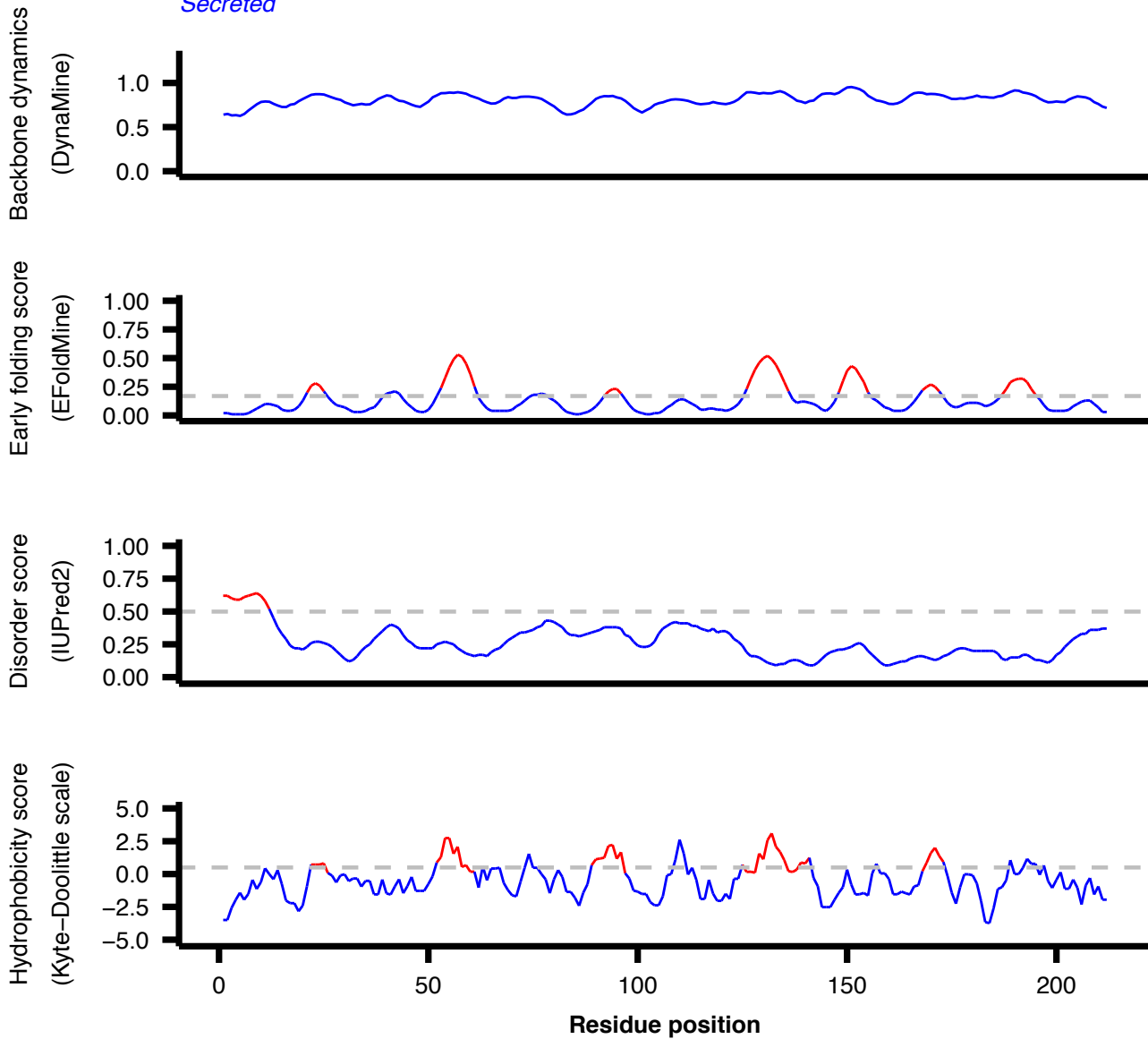
# A5A628 (YJBT\_ECOLI)

*Secreted*



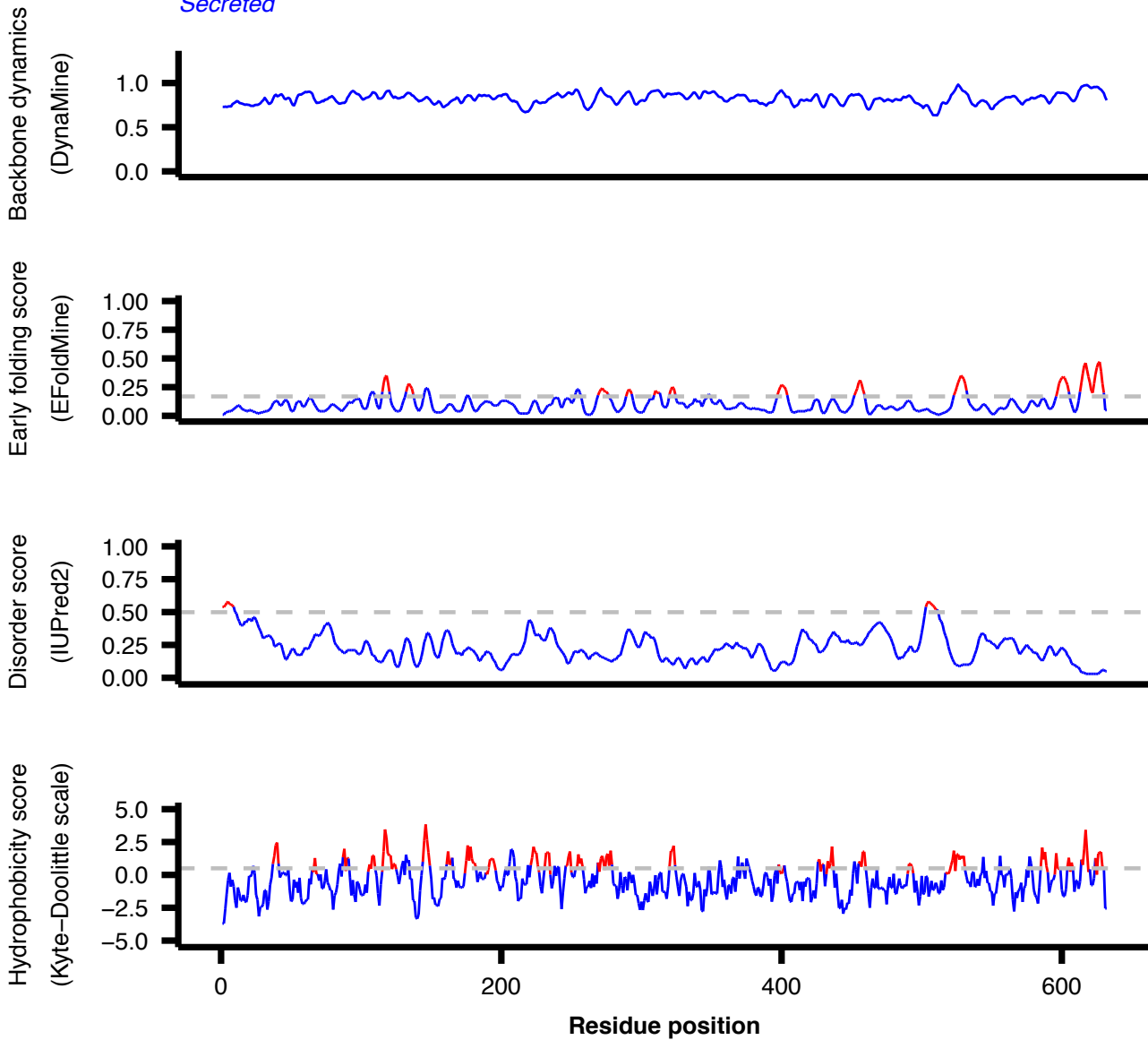
# P0AF56 (YJCO\_ECOLI)

*Secreted*



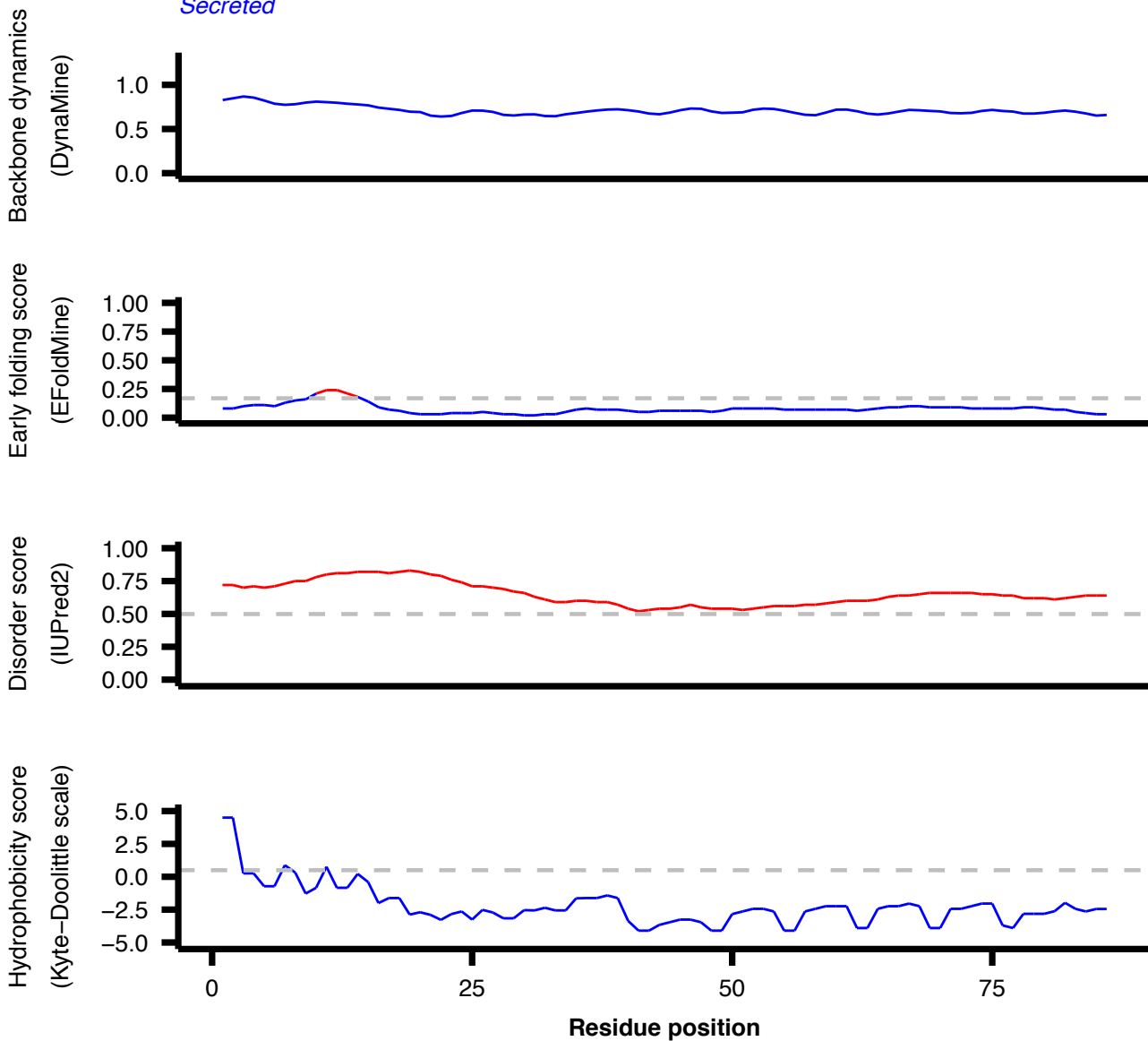
# P32717 (YJCS\_ECOLI)

*Secreted*



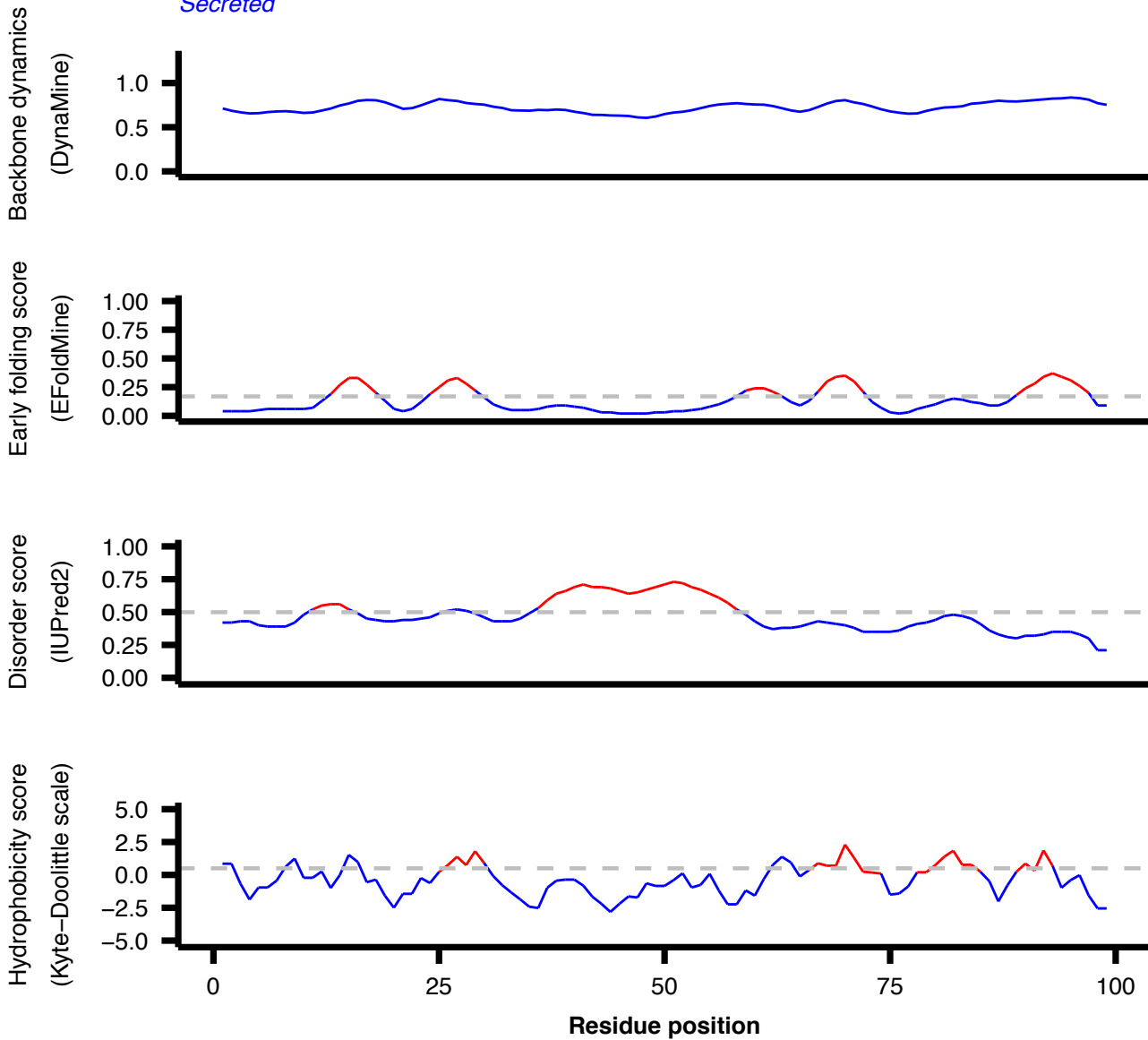
# Q6BEX5 (YJDP\_ECOLI)

*Secreted*



# P0AF70 (YJEI\_ECOLI)

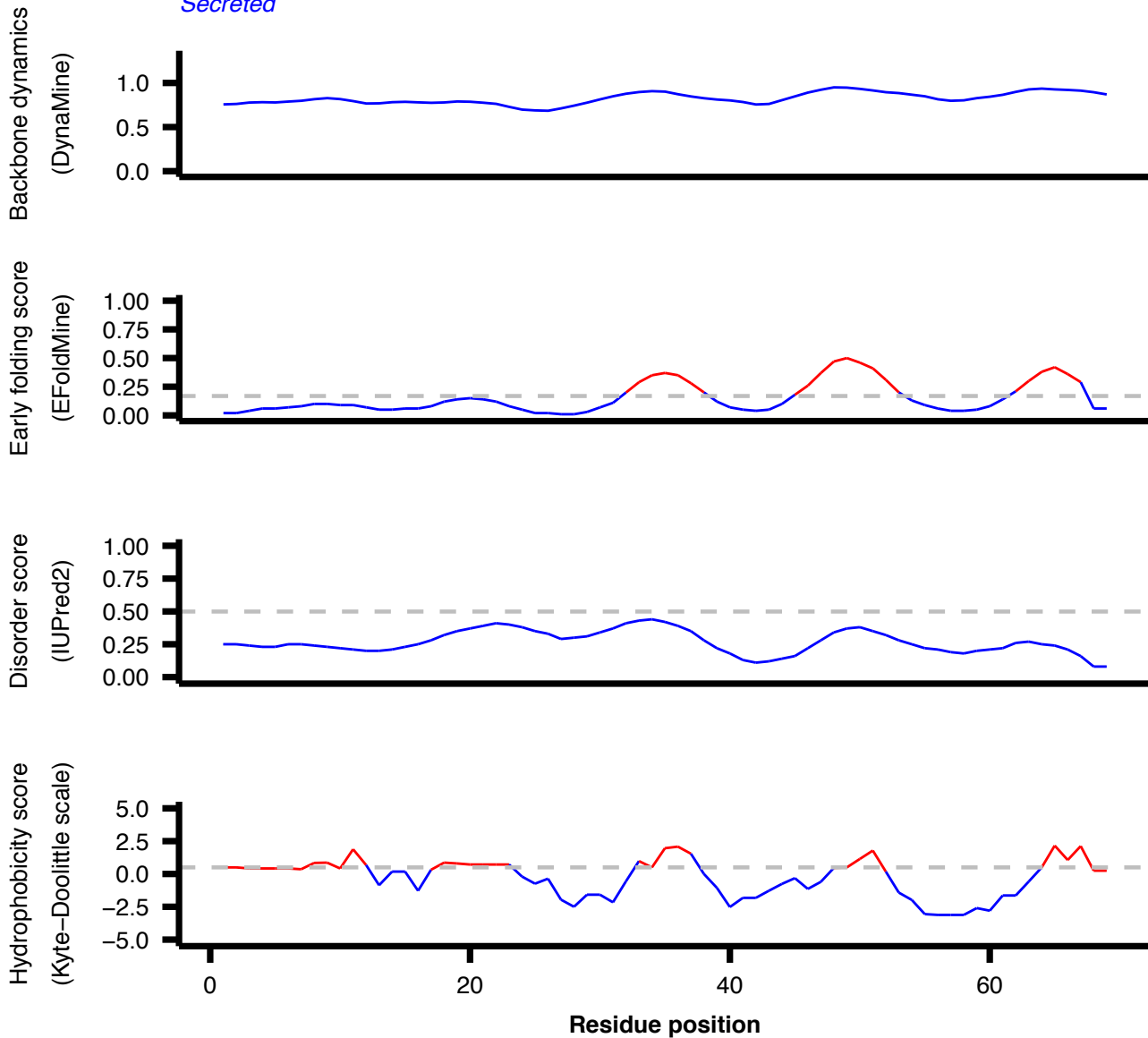
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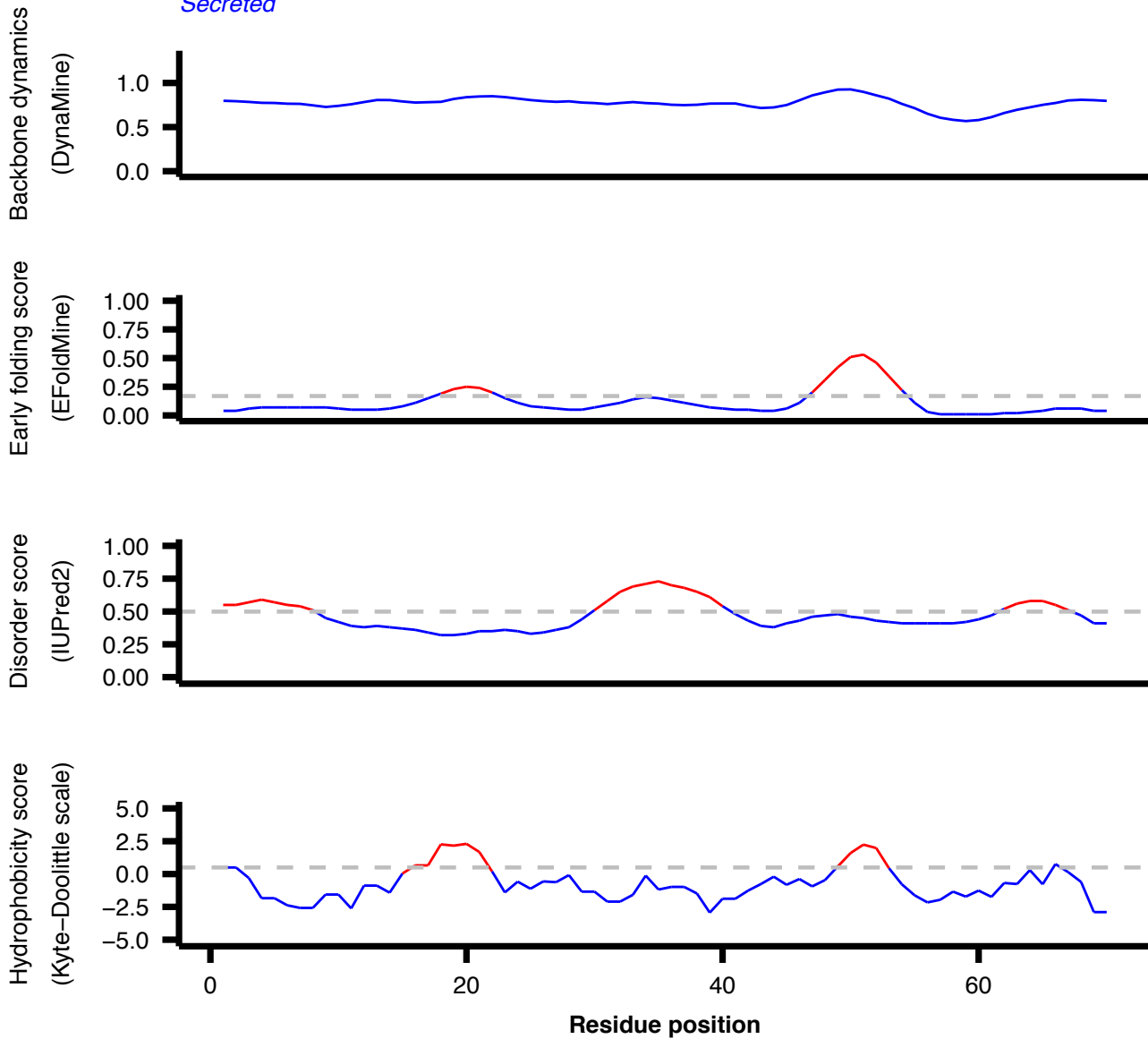
# P0AF82 (YJFN\_ECOLI)

*Secreted*



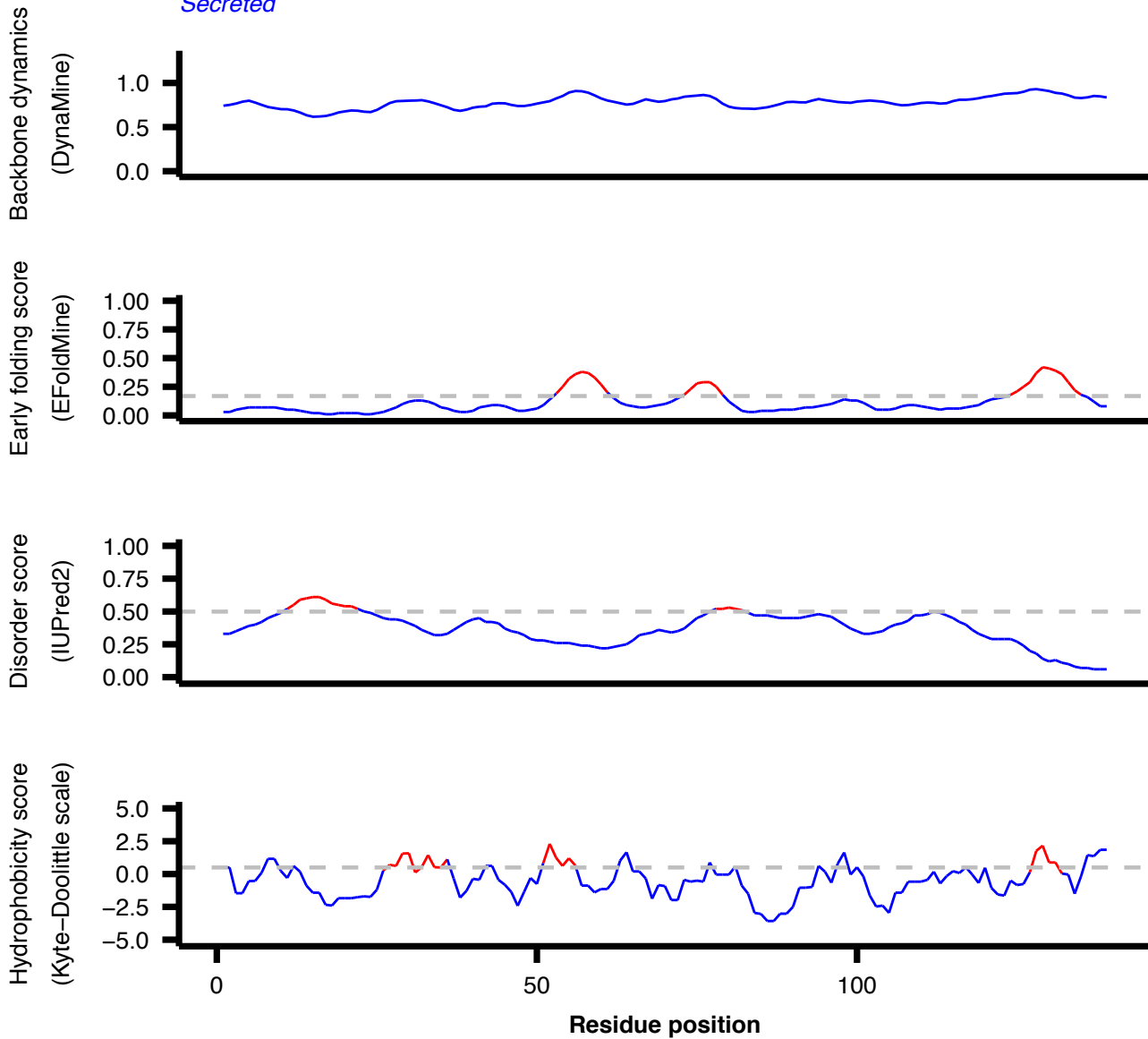
# P0AF86 (YJFY\_ECOLI)

*Secreted*



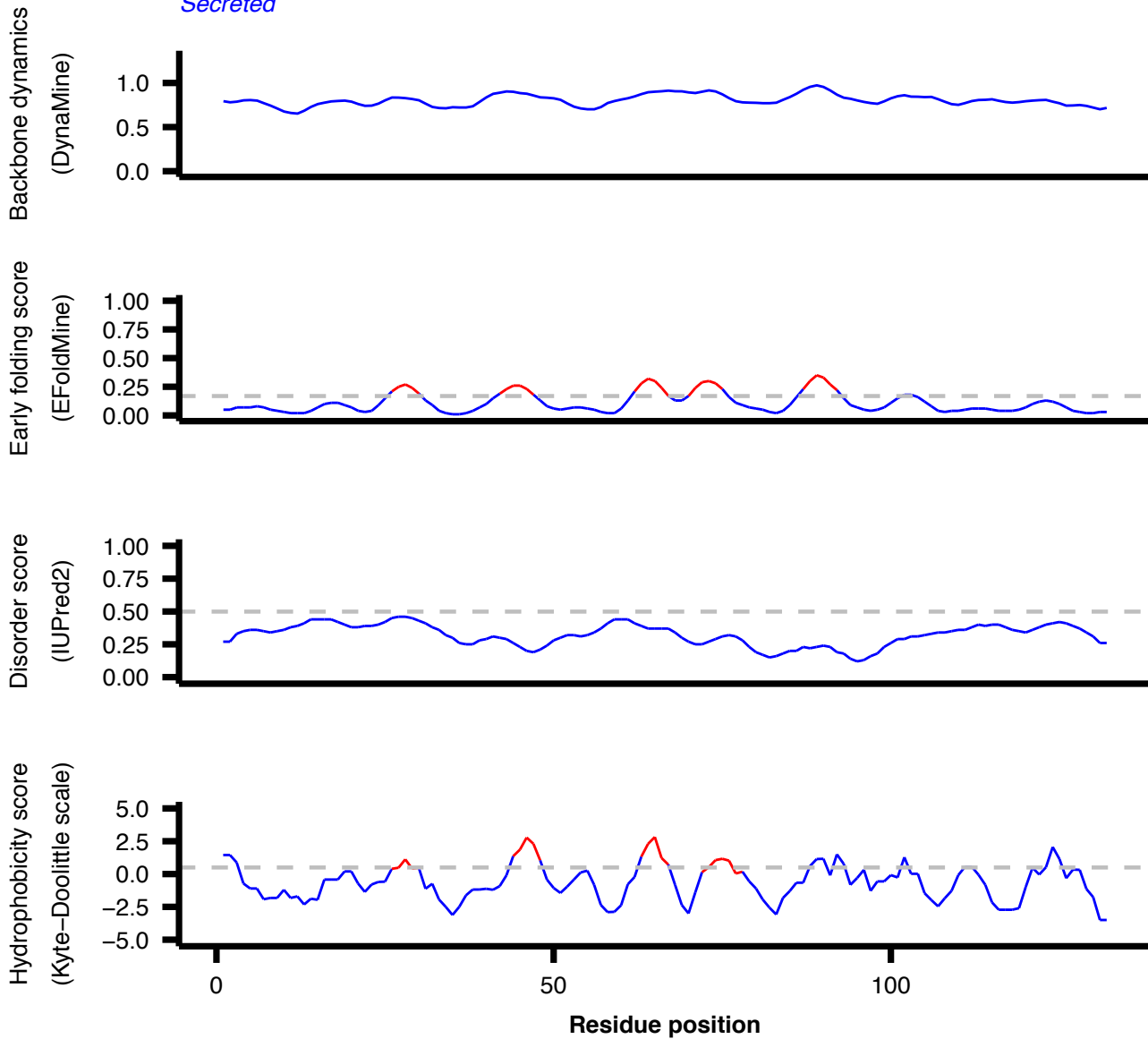
# P18390 (YJJA\_ECOLI)

*Secreted*



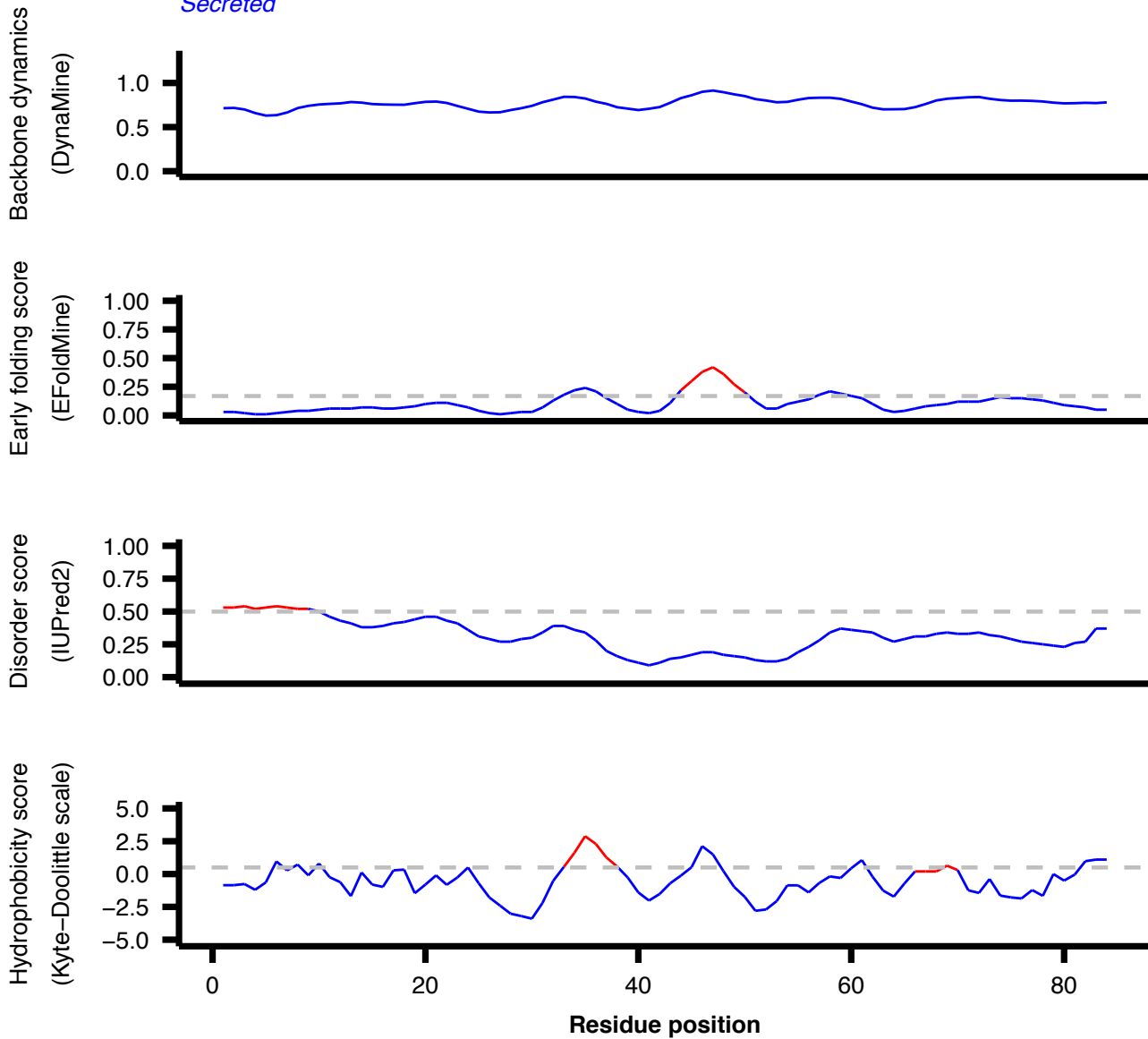
# P77162 (YKFB\_ECOLI)

*Secreted*



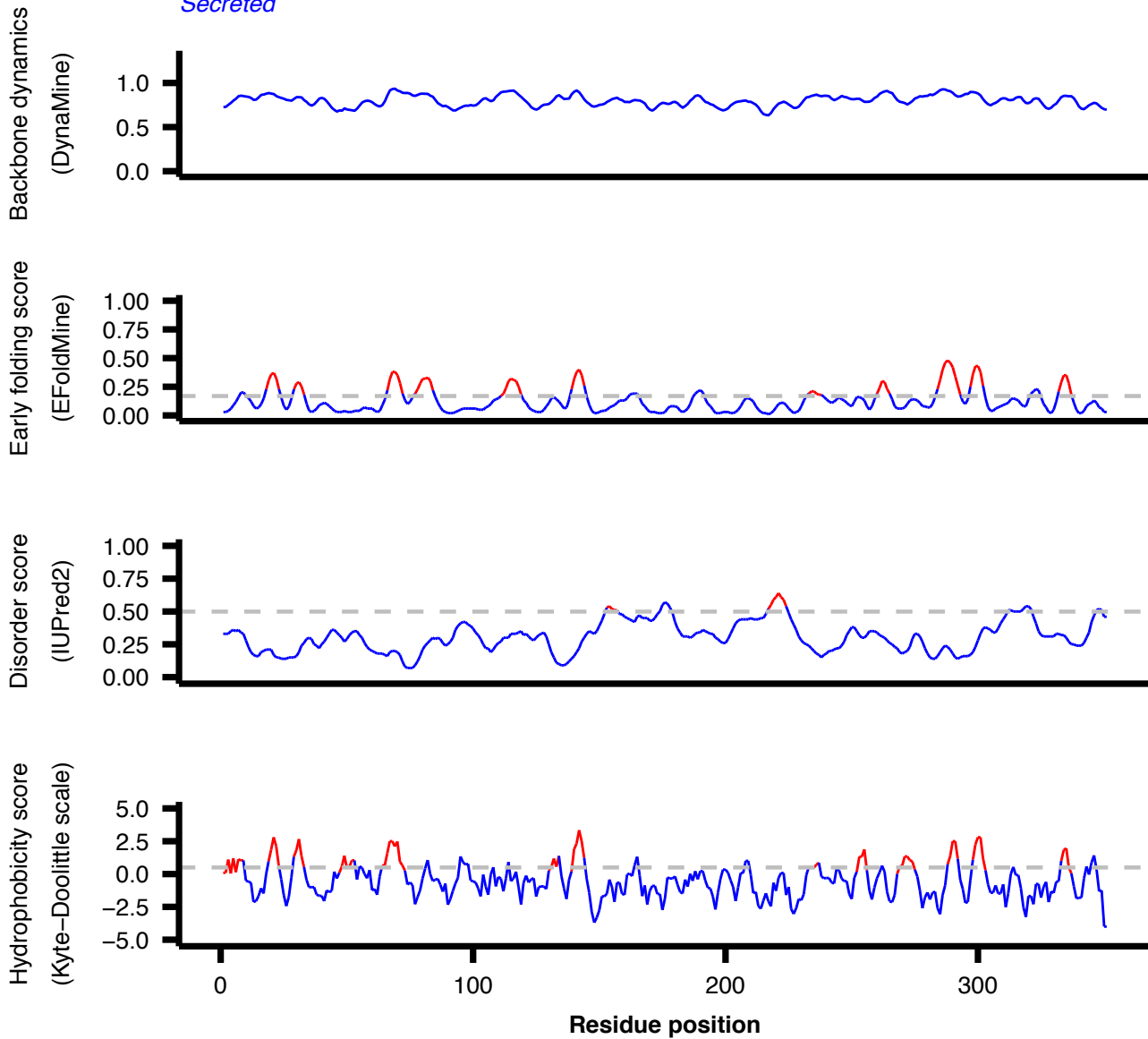
# P0AAL9 (YKGJ\_ECOLI)

*Secreted*



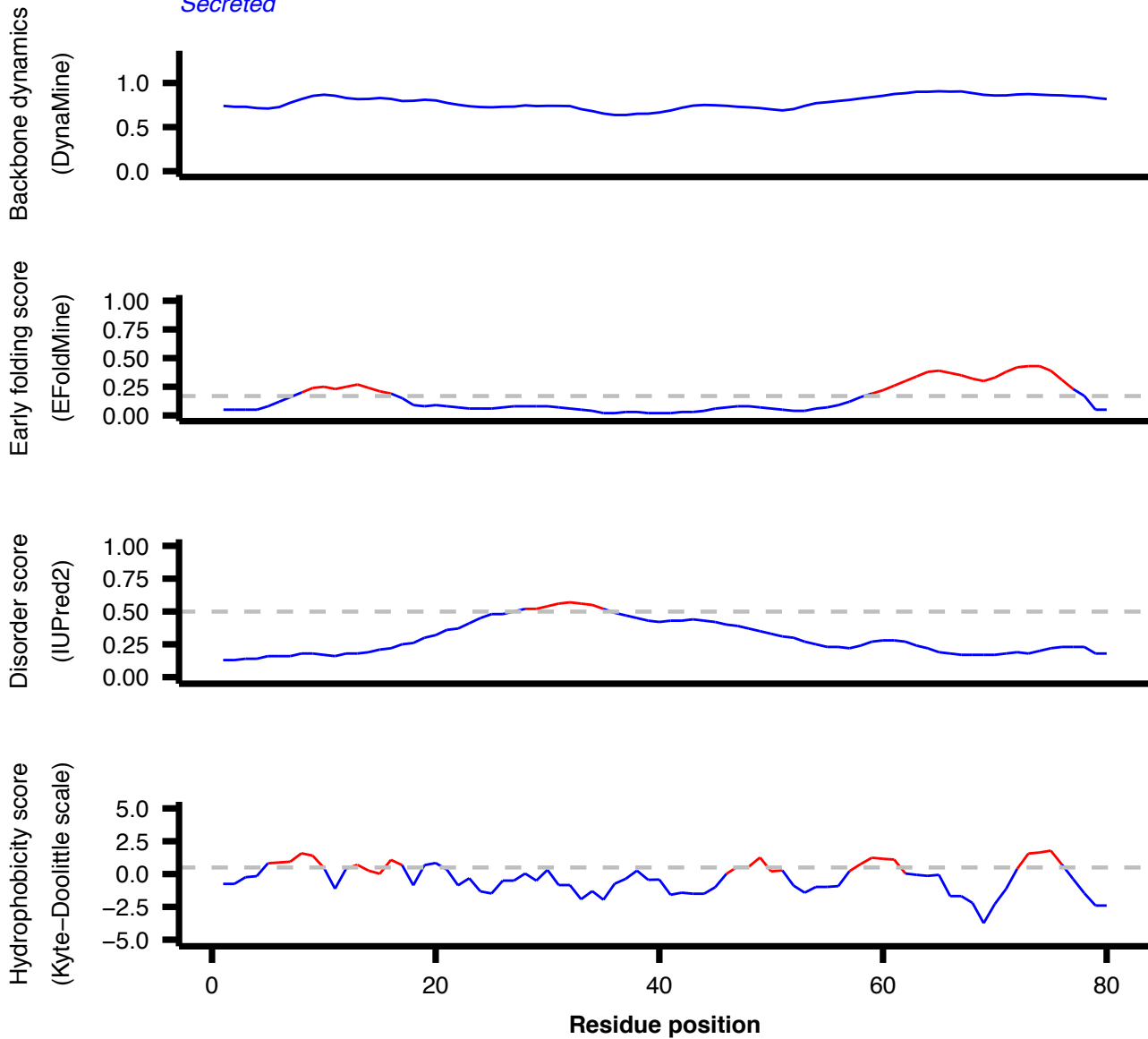
# P75804 (YLII\_ECOLI)

*Secreted*



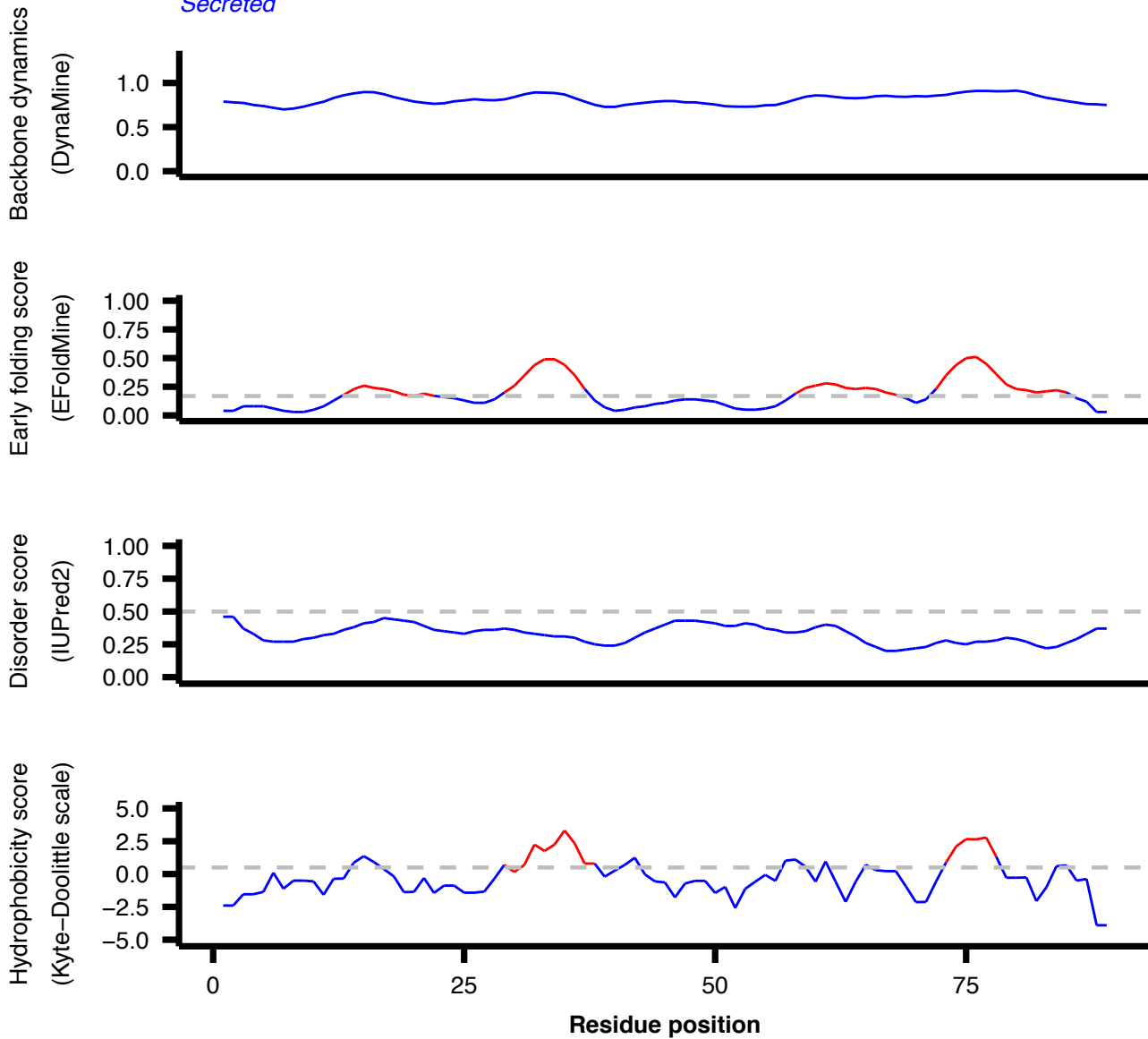
# P75917 (YMDA\_ECOLI)

*Secreted*



# P0AB46 (YMGD\_ECOLI)

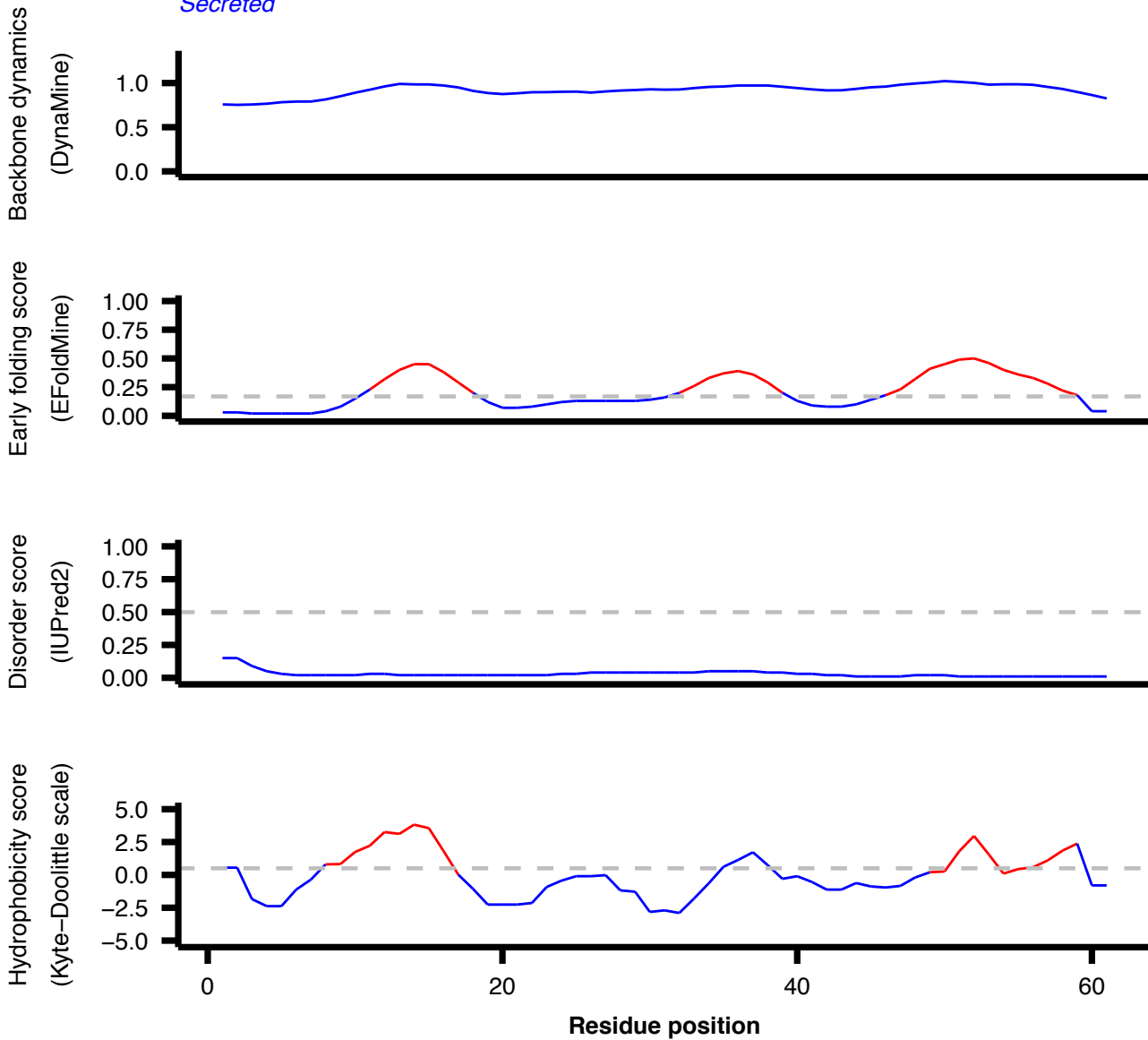
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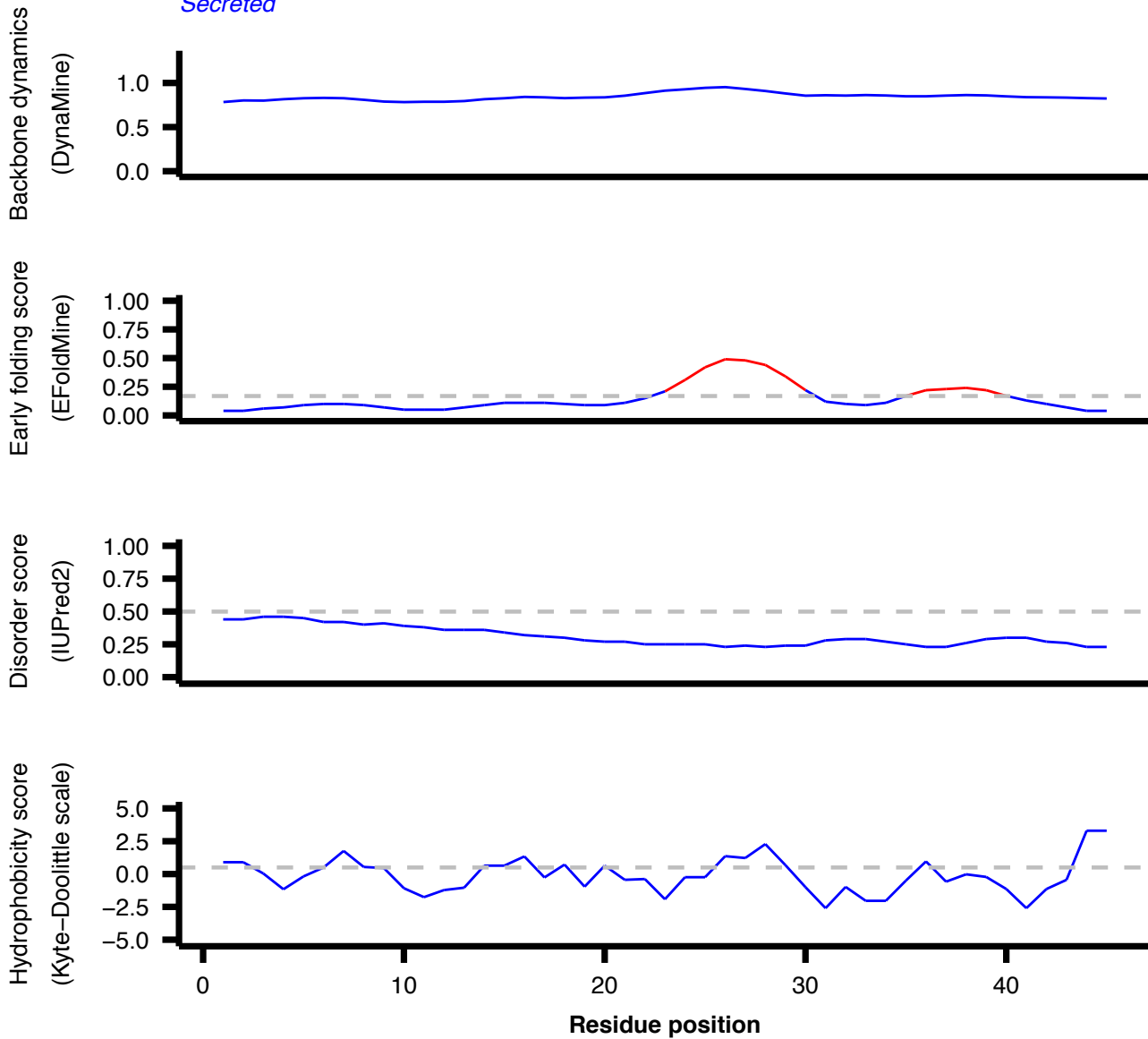
# A5A612 (YMGJ\_ECOLI)

*Secreted*



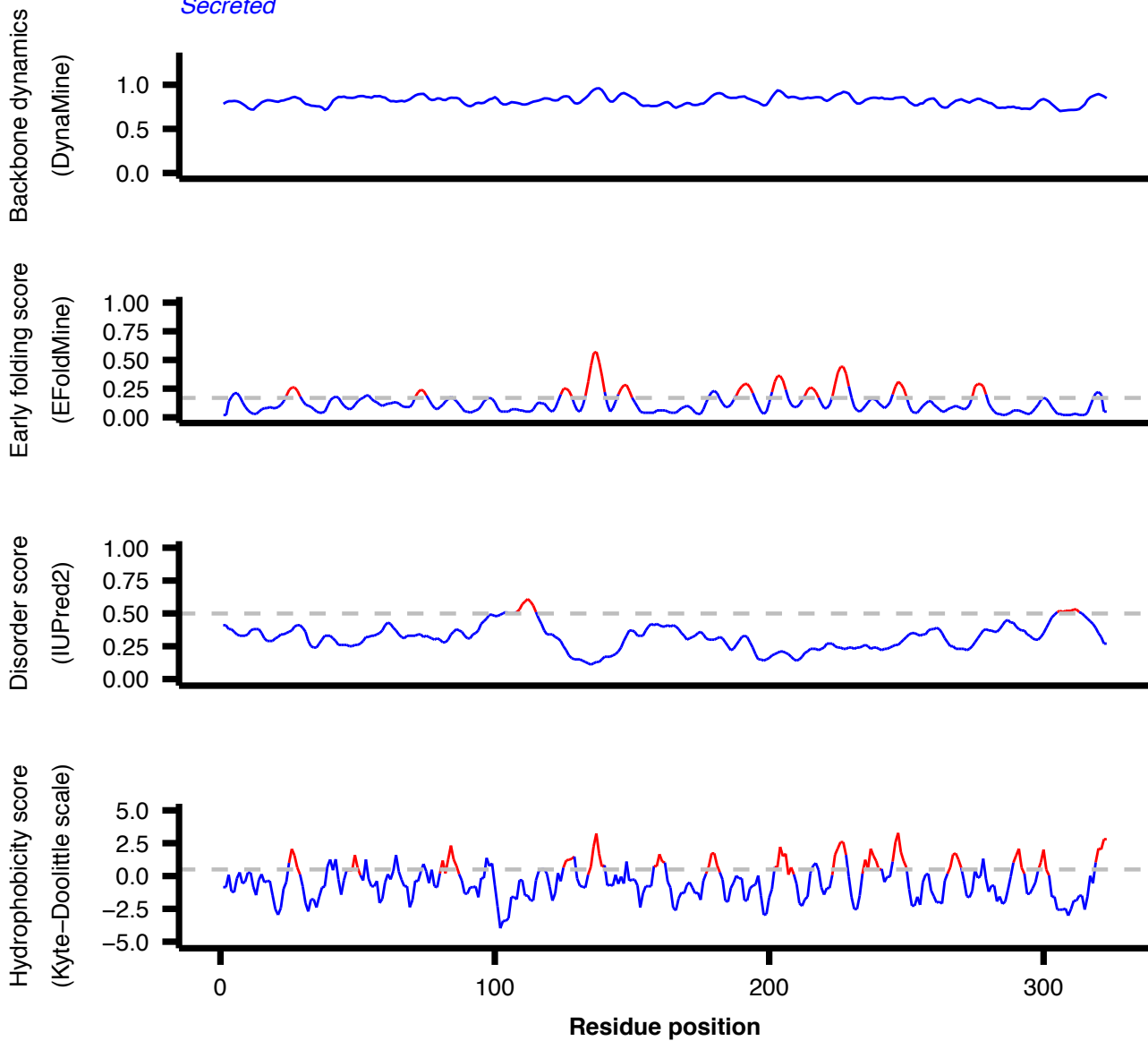
# P64448 (YNBE\_ECOLI)

*Secreted*



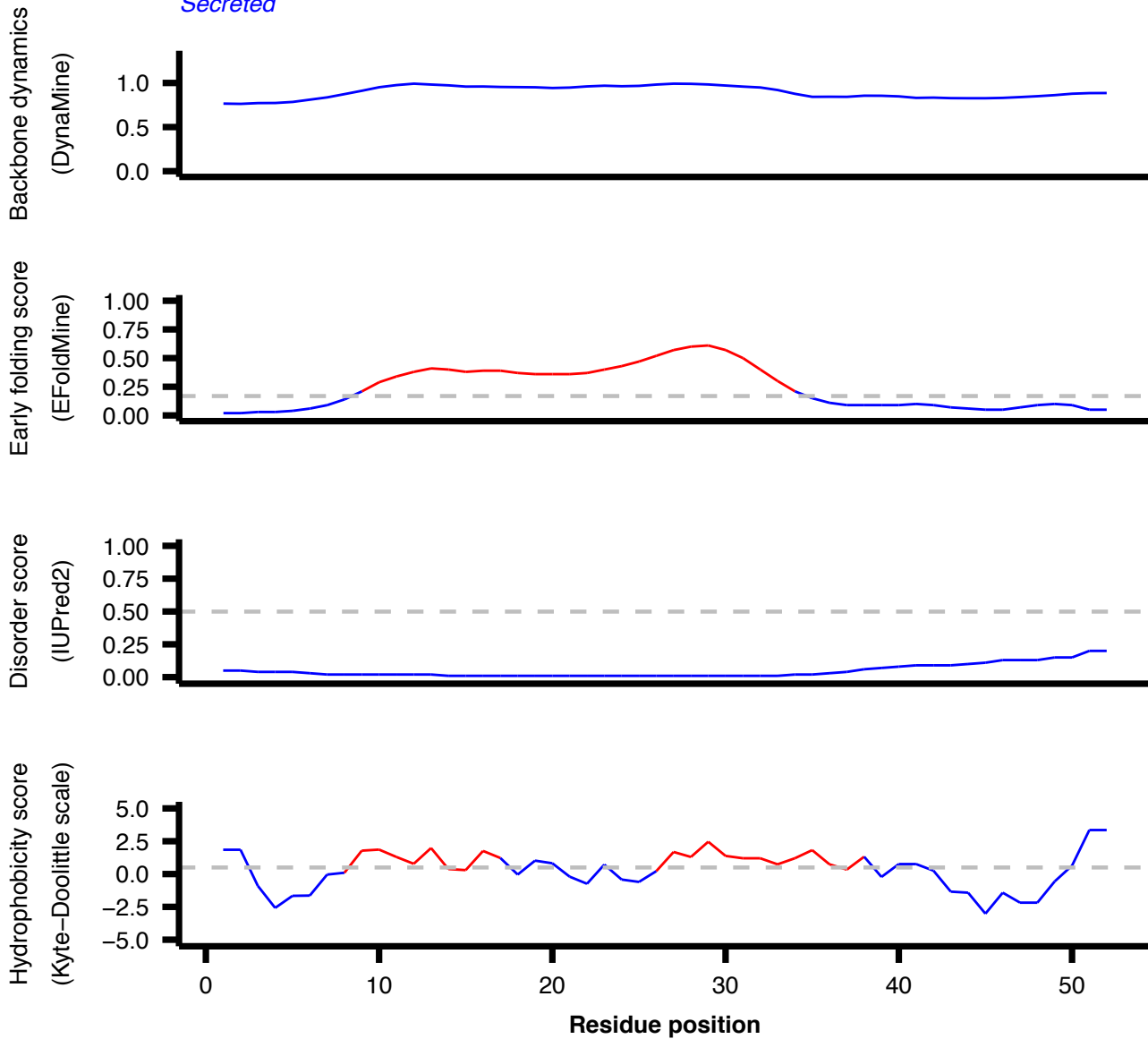
# P76116 (YNCE\_ECOLI)

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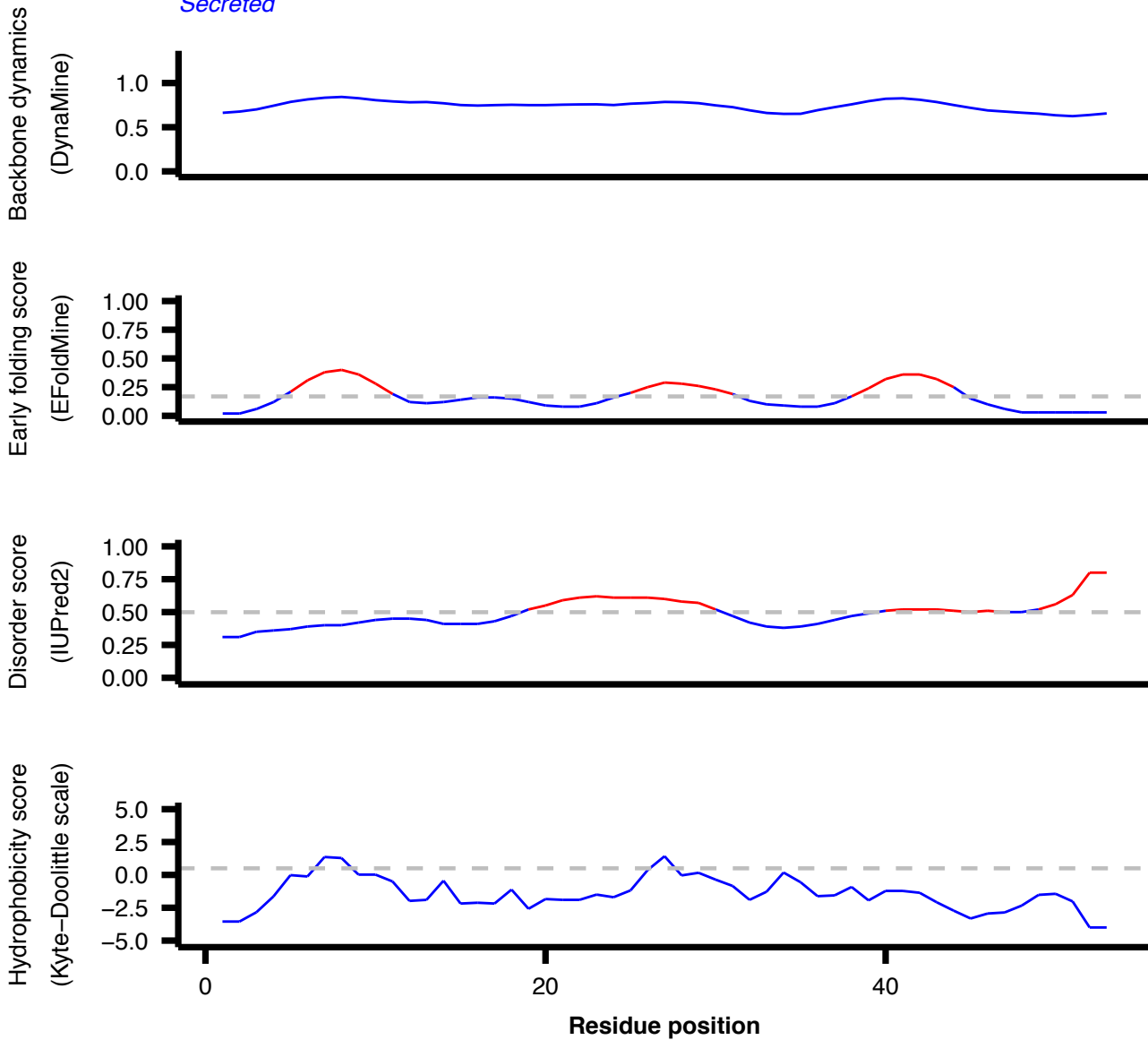
# P76118 (YNCH\_ECOLI)

*Secreted*



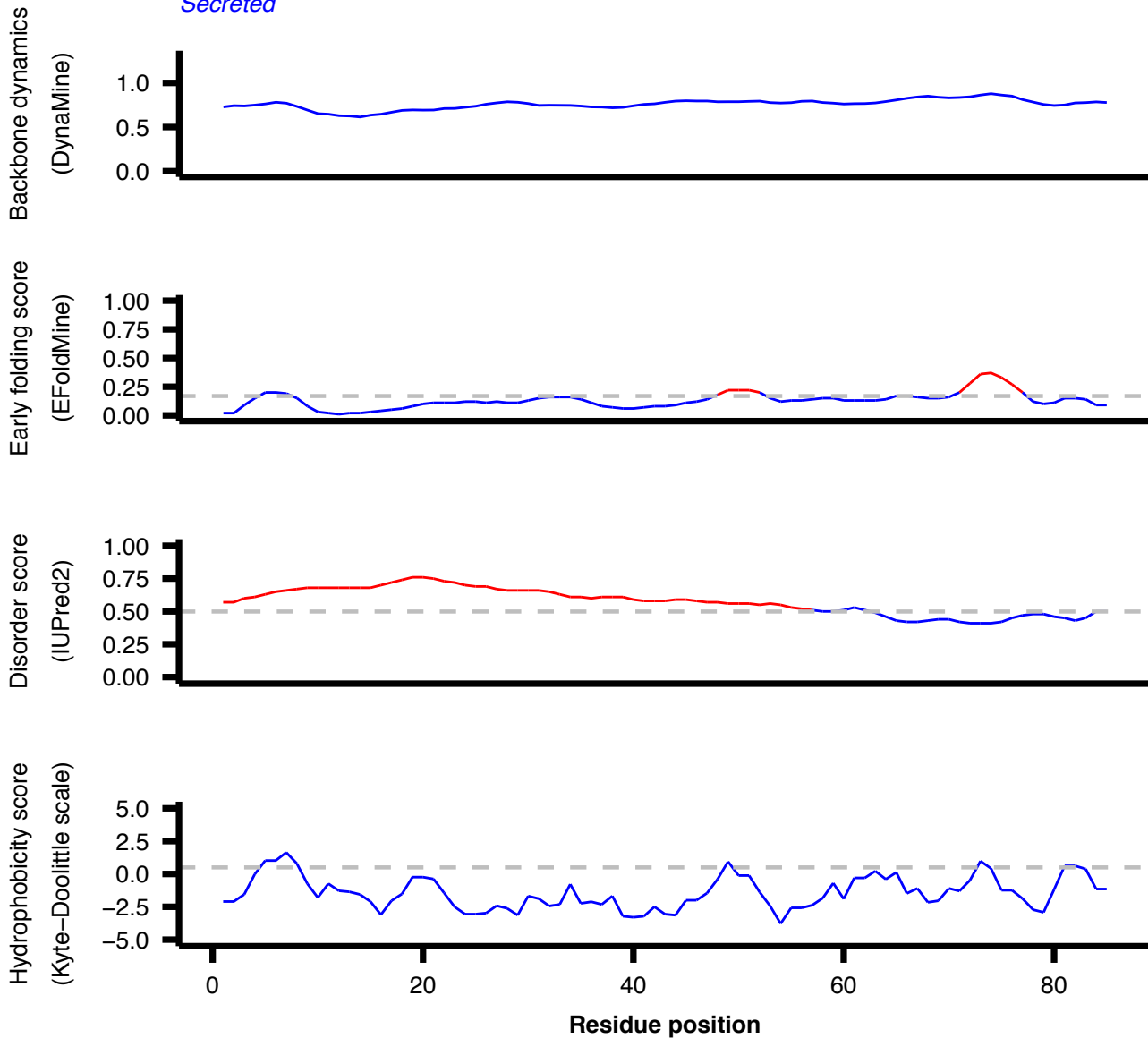
# P64459 (YNCJ\_ECOLI)

*Secreted*



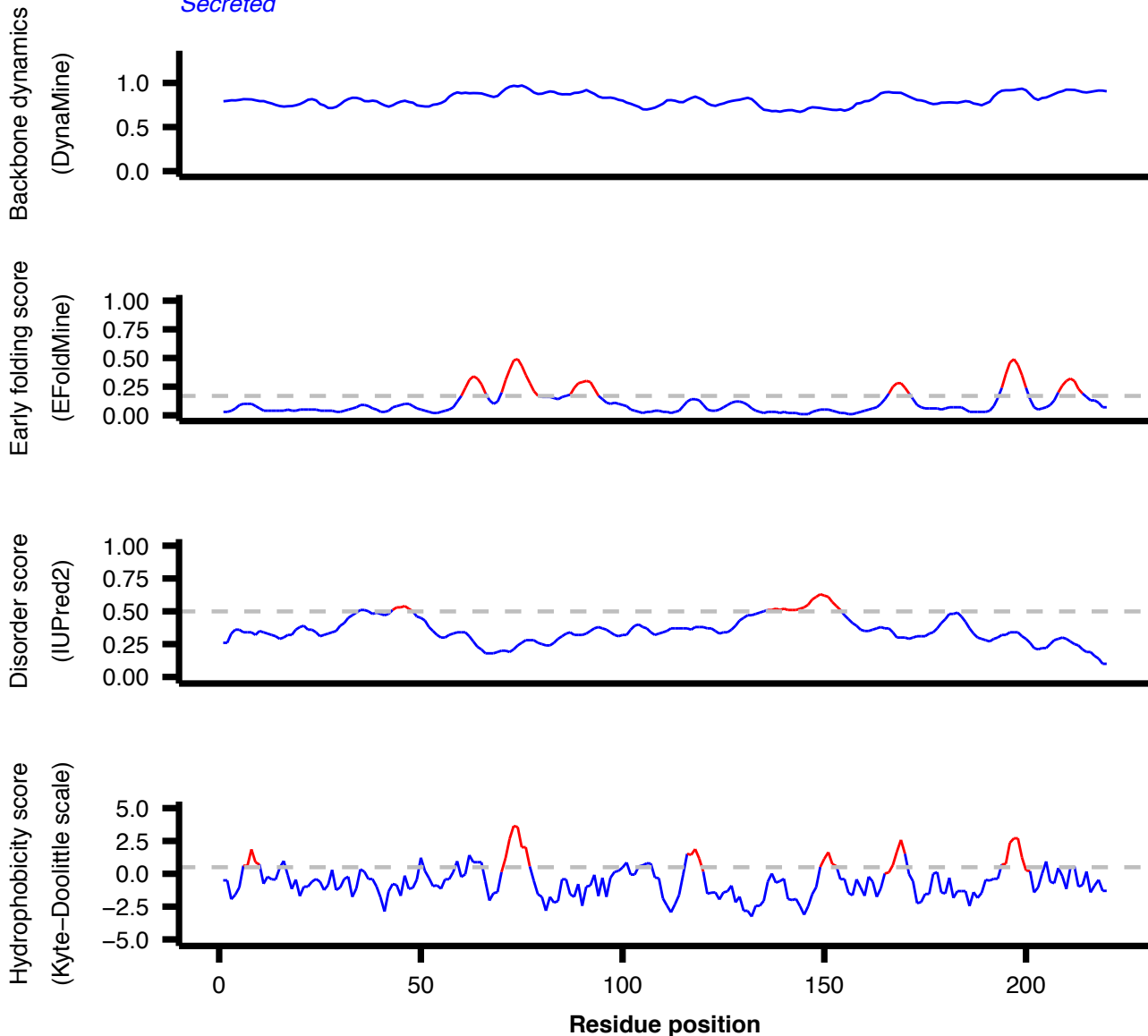
# P76170 (YNFB\_ECOLI)

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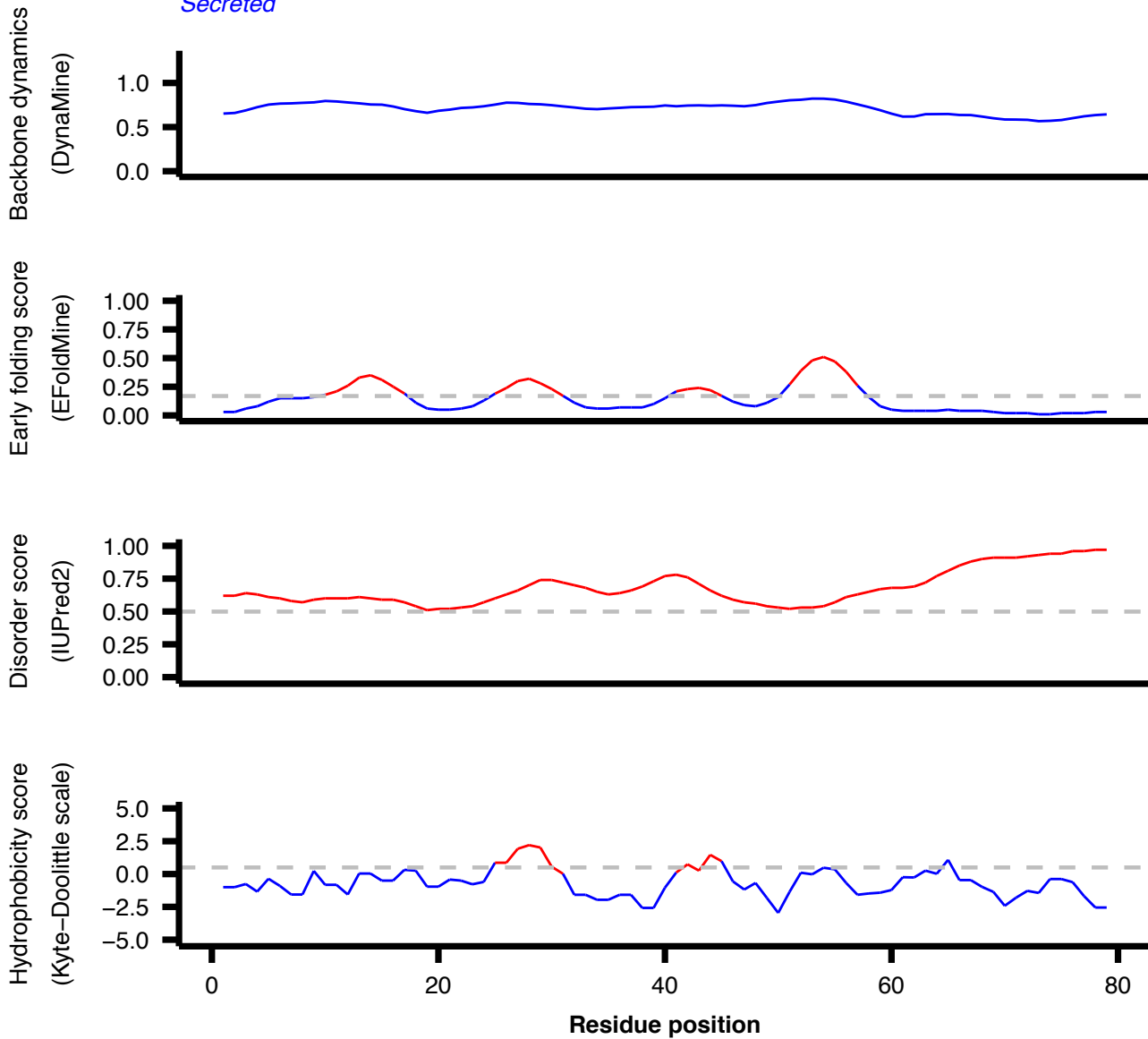
# P67553 (YNFC\_ECOLI)

*Secreted*



# P76172 (YNFD\_ECOLI)

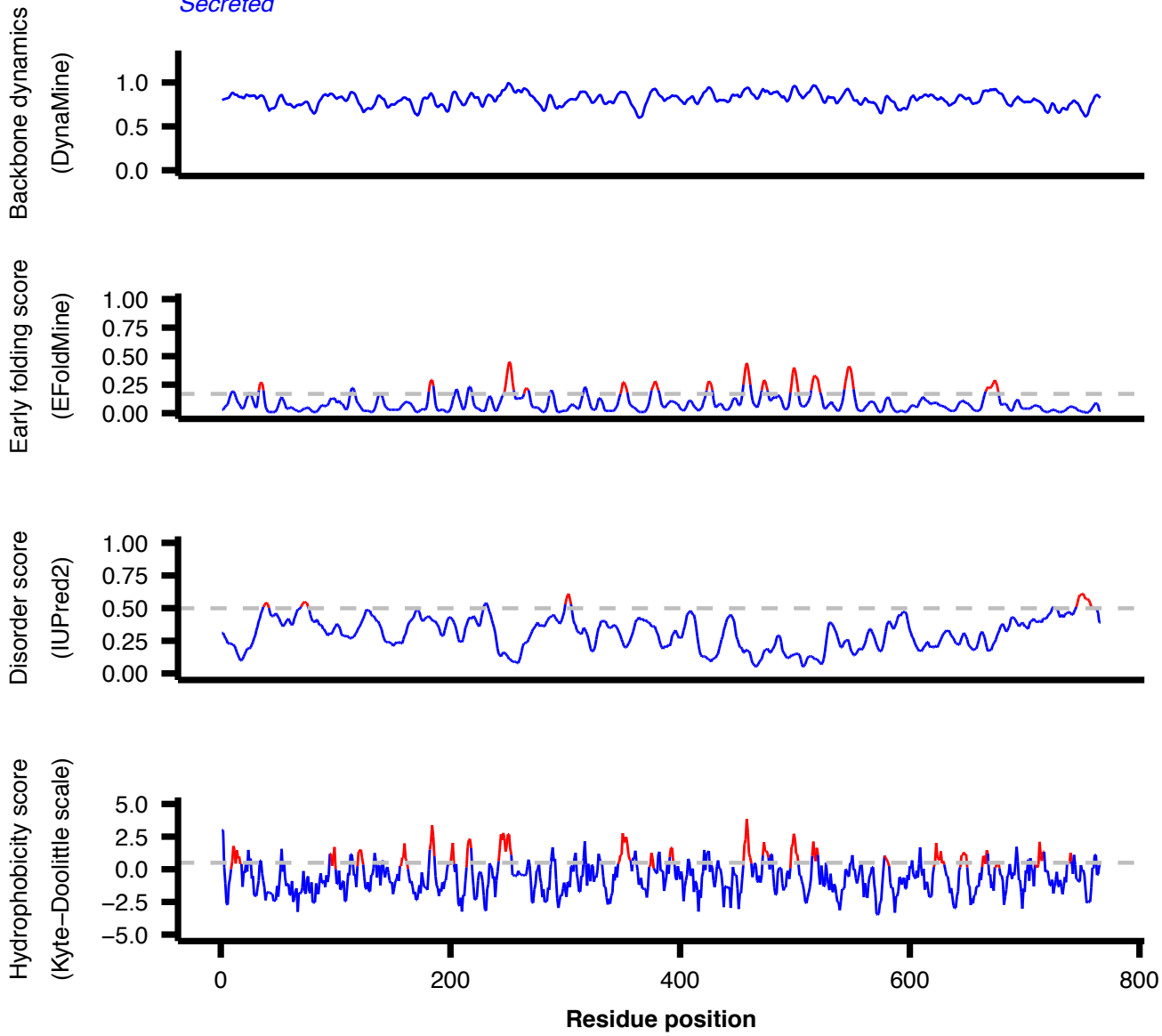
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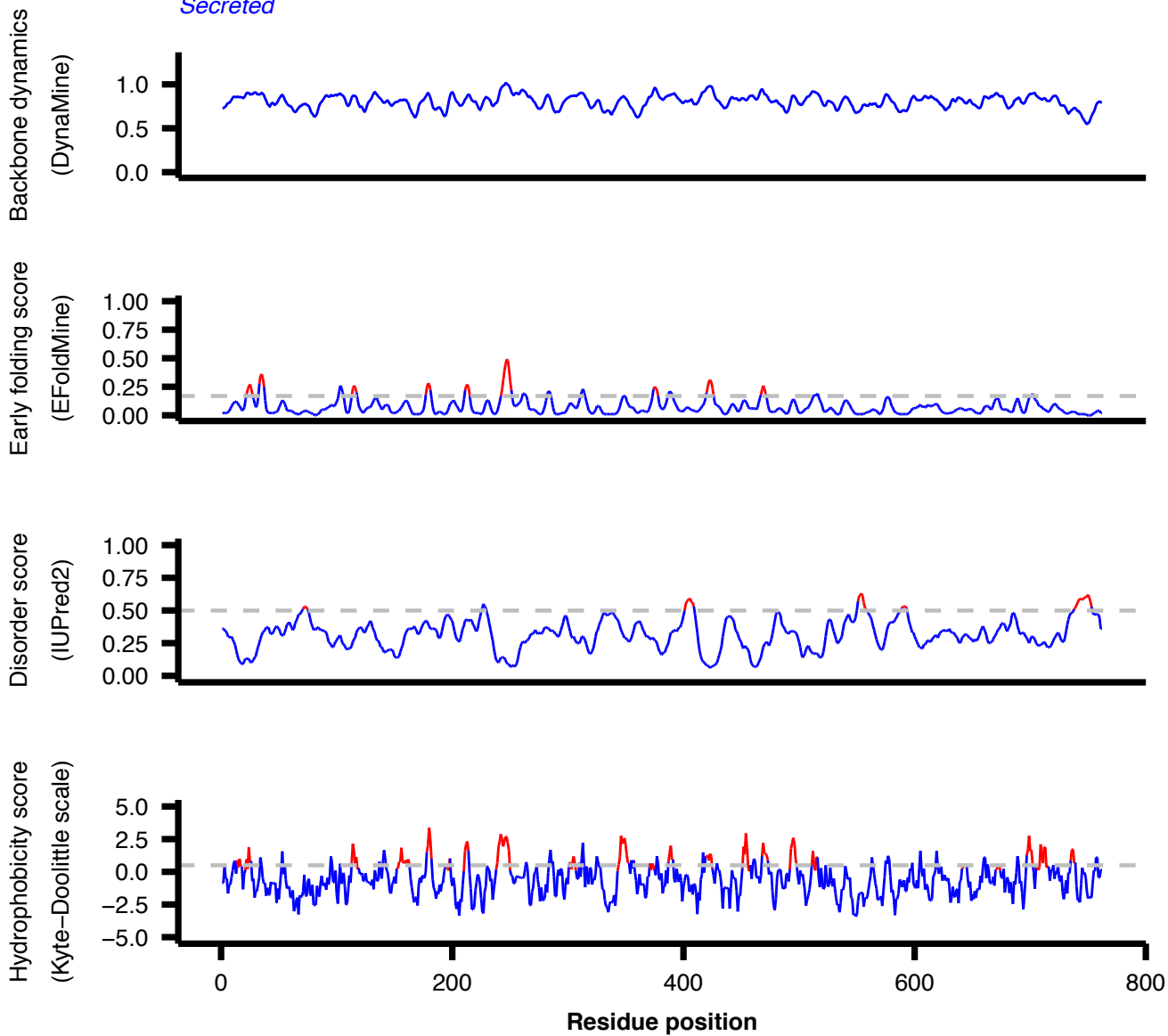
# P77374 (YNFE\_ECOLI)

*Secreted*



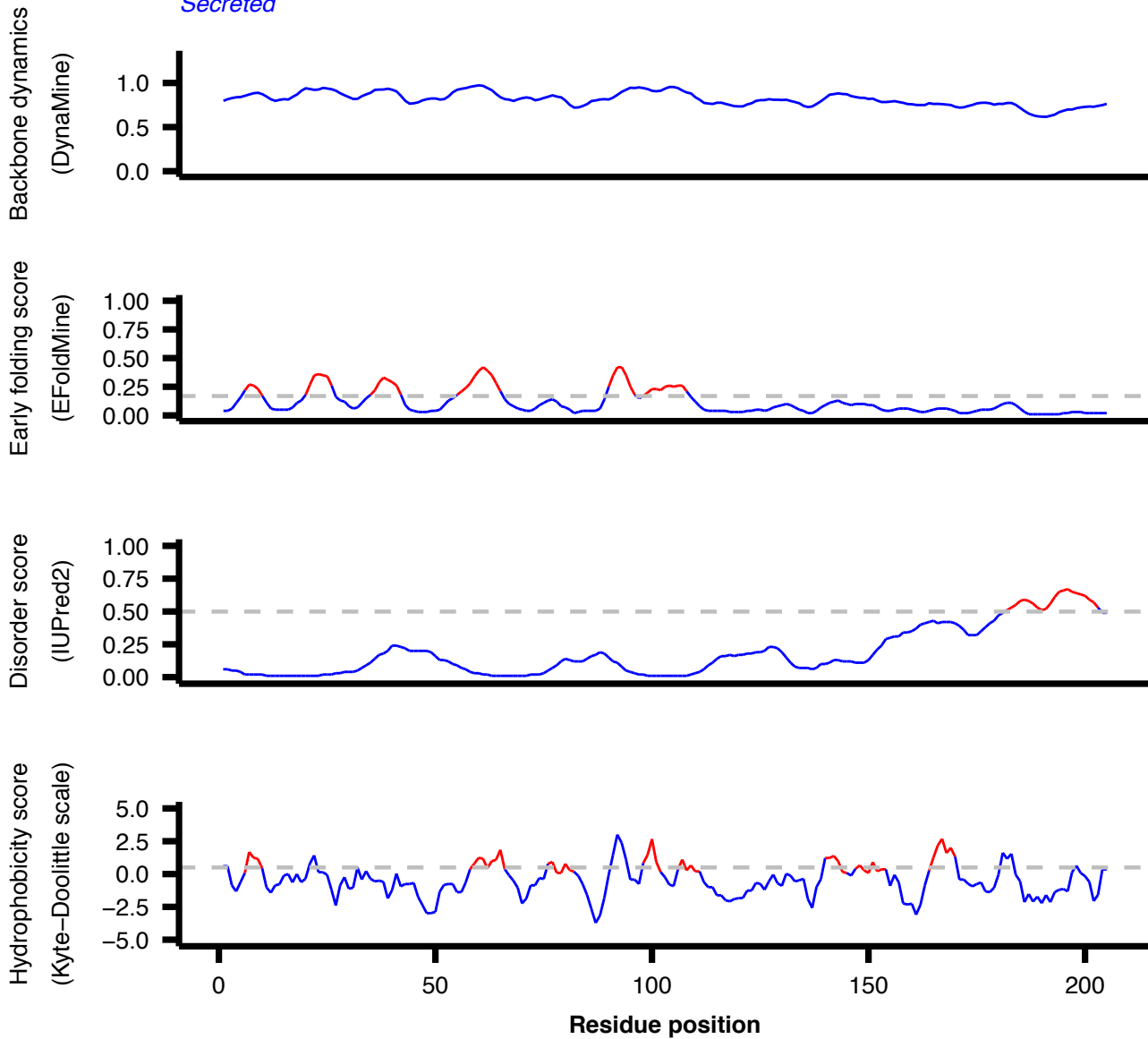
# P77783 (YNFF\_ECOLI)

*Secreted*



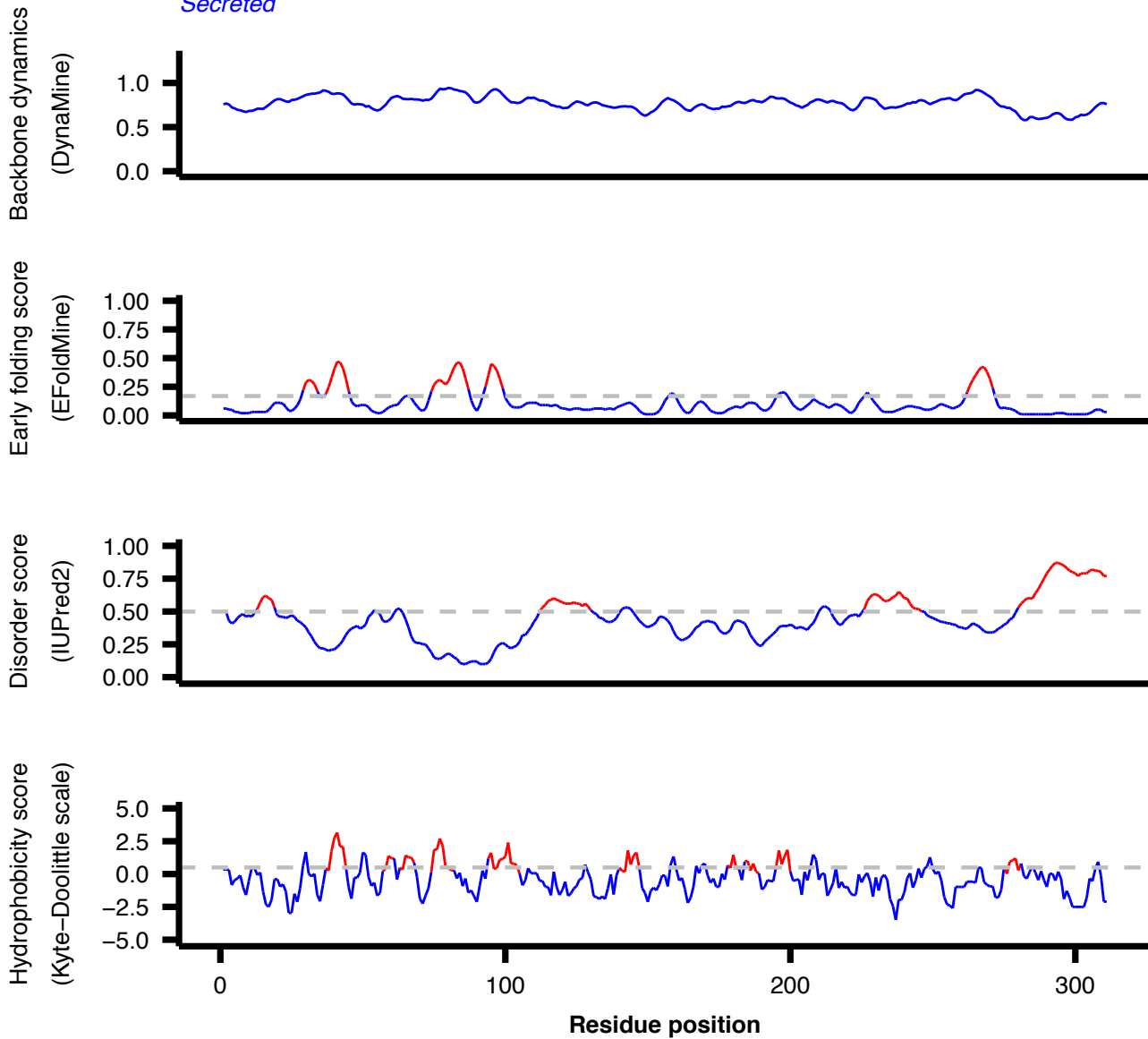
# P0AAJ1 (YNFG\_ECOLI)

*Secreted*



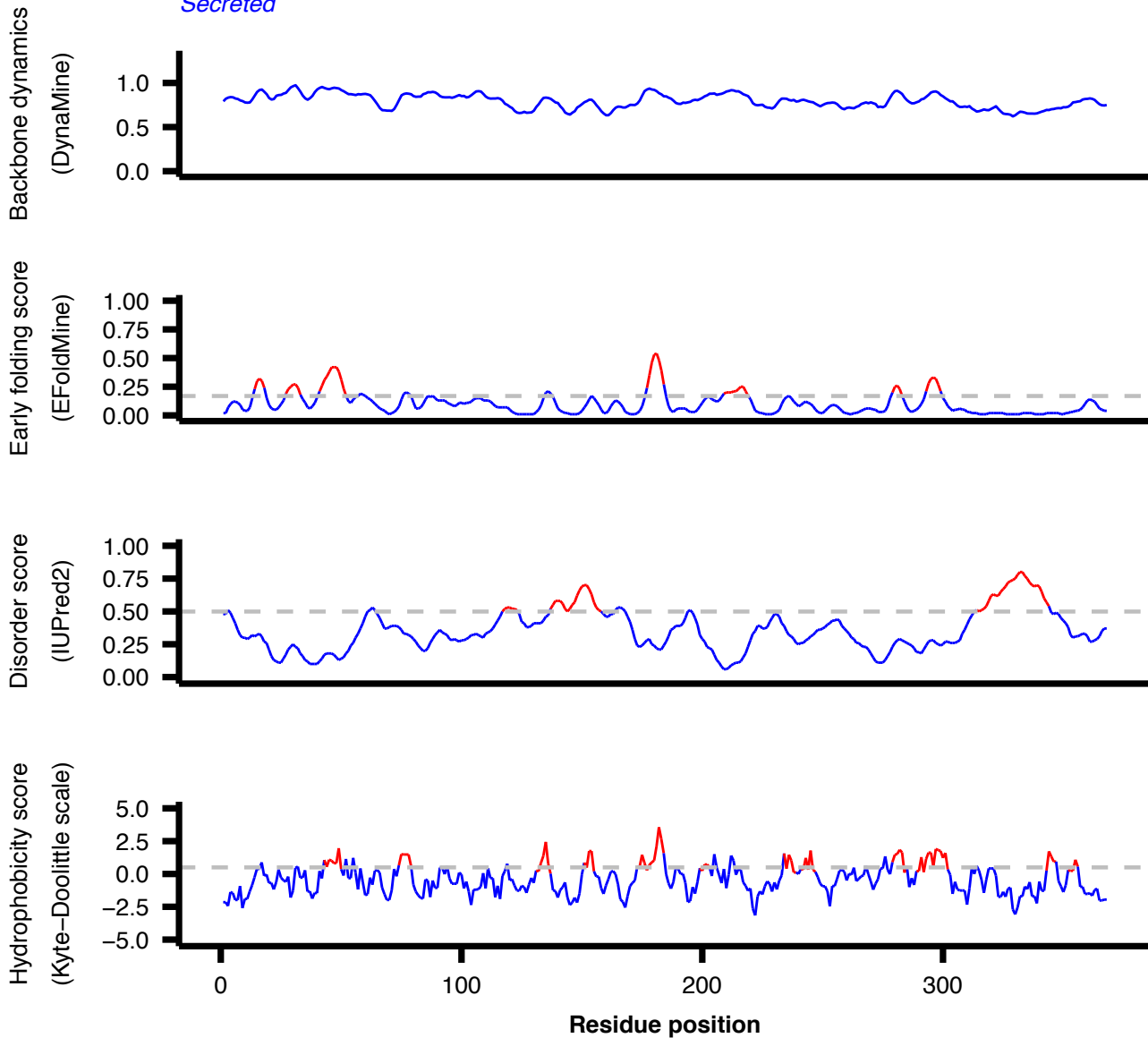
# P76193 (YNHG\_ECOLI)

*Secreted*



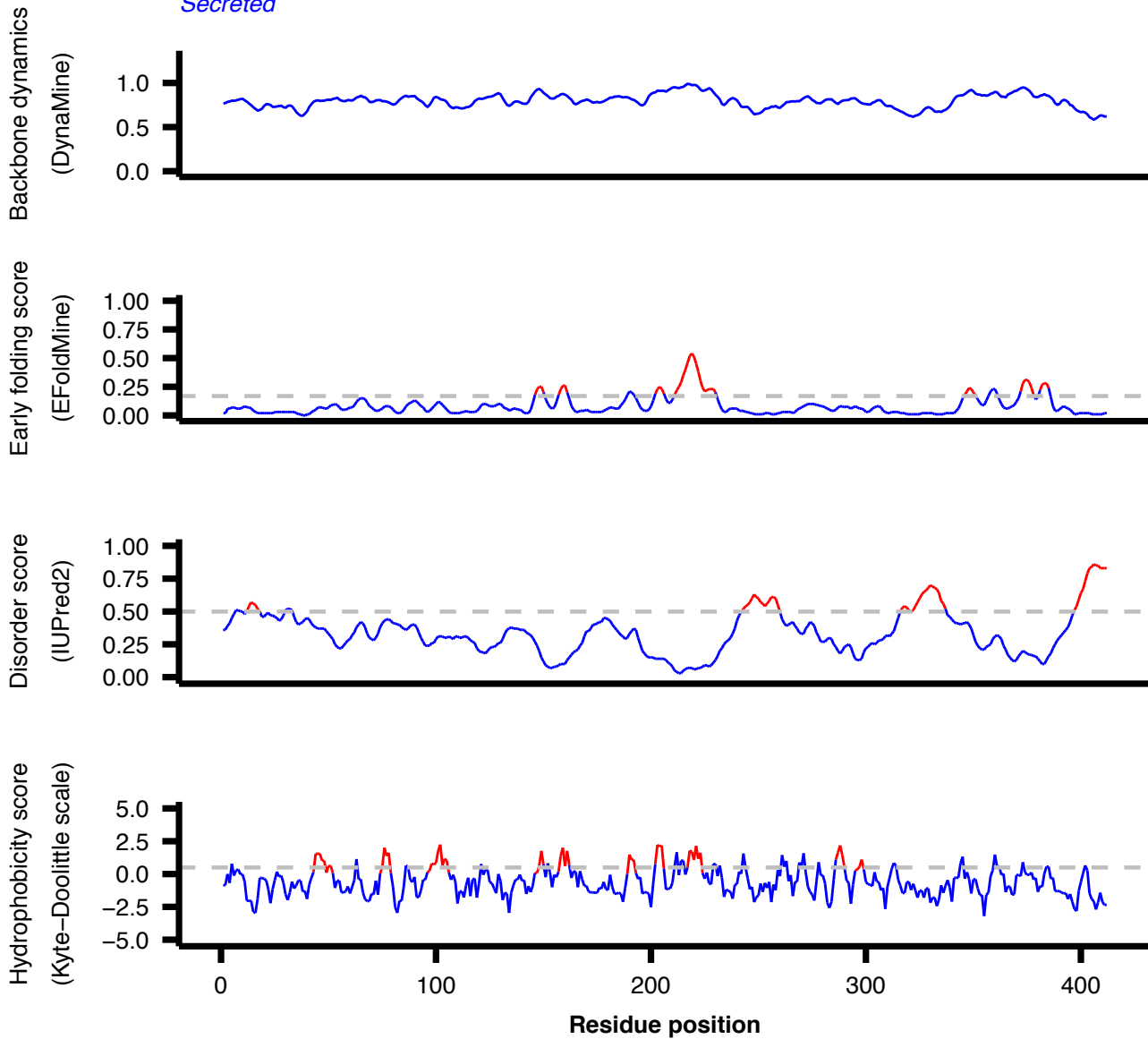
# P76223 (YNJB\_ECOLI)

*Secreted*



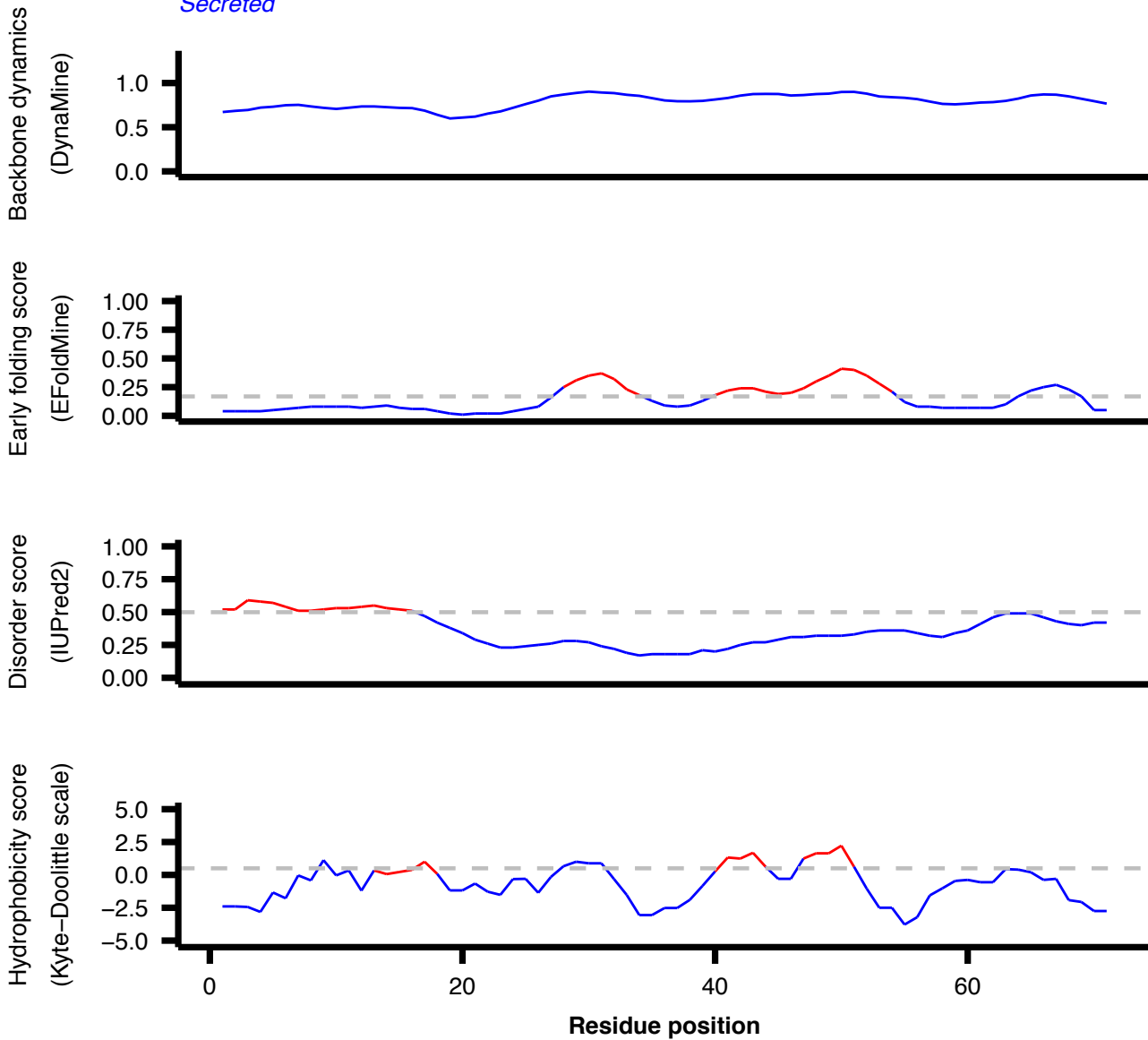
# P78067 (YNJE\_ECOLI)

*Secreted*



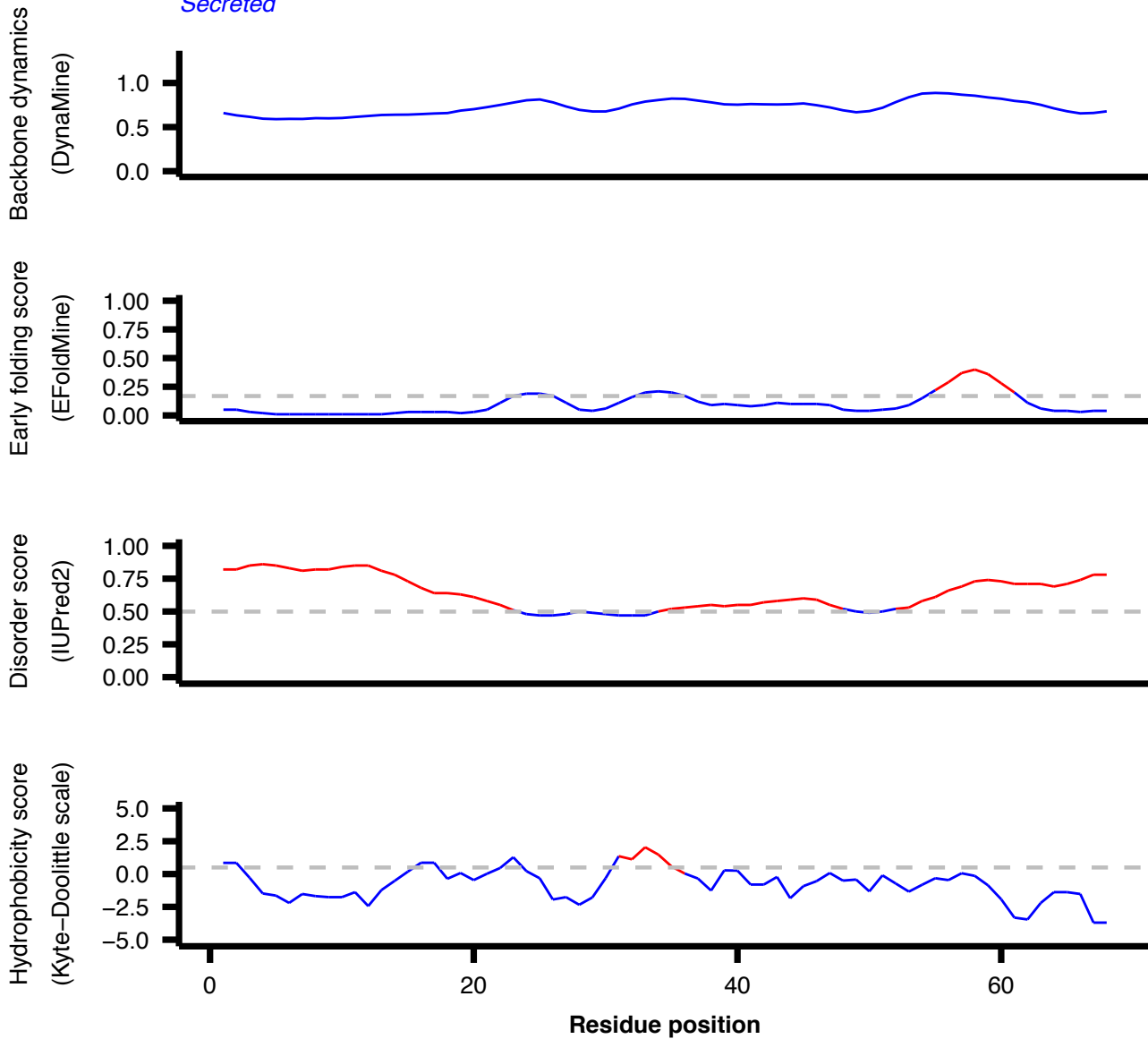
# P76227 (YNJH\_ECOLI)

*Secreted*



# P64493 (YOAF\_ECOLI)

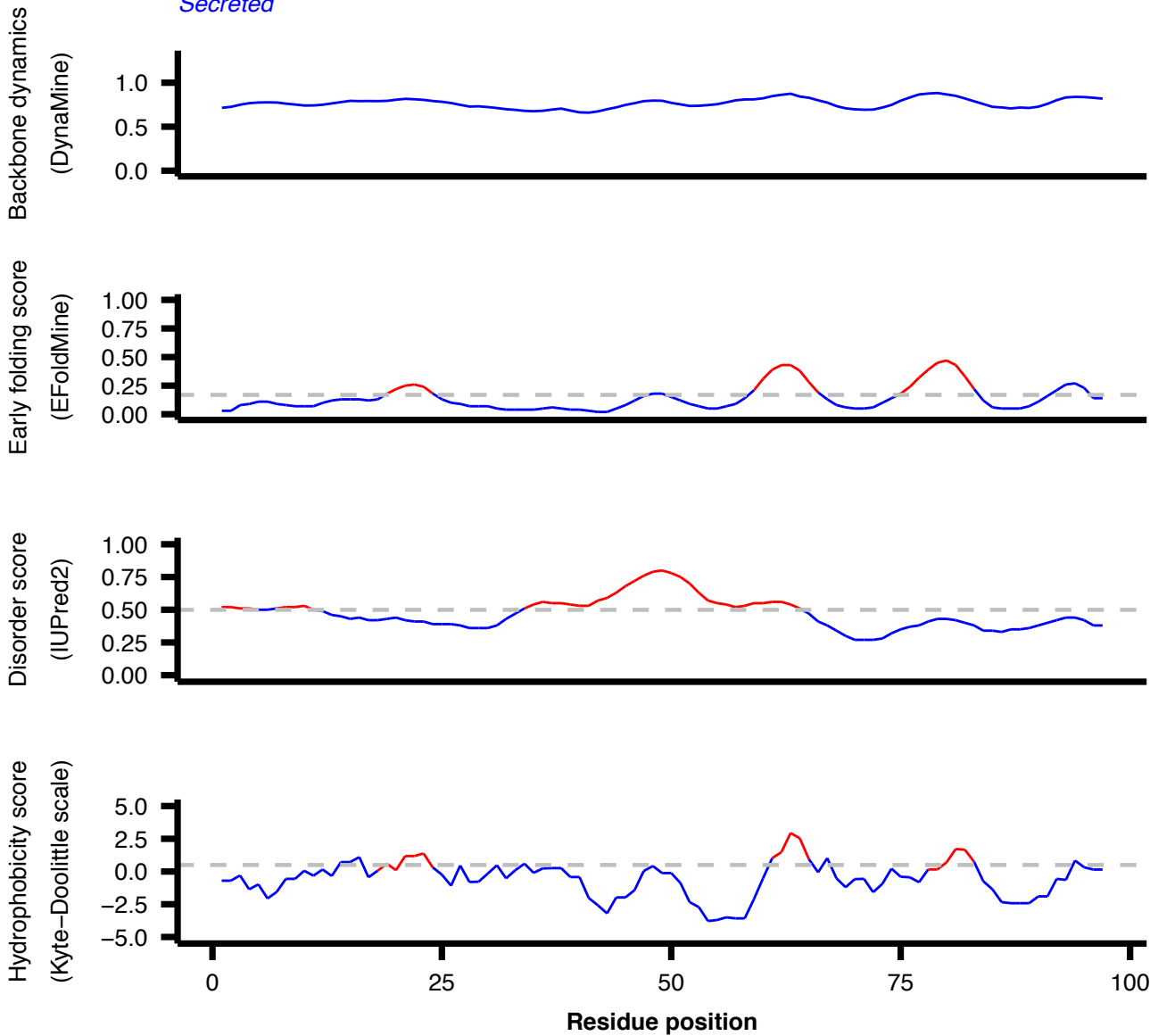
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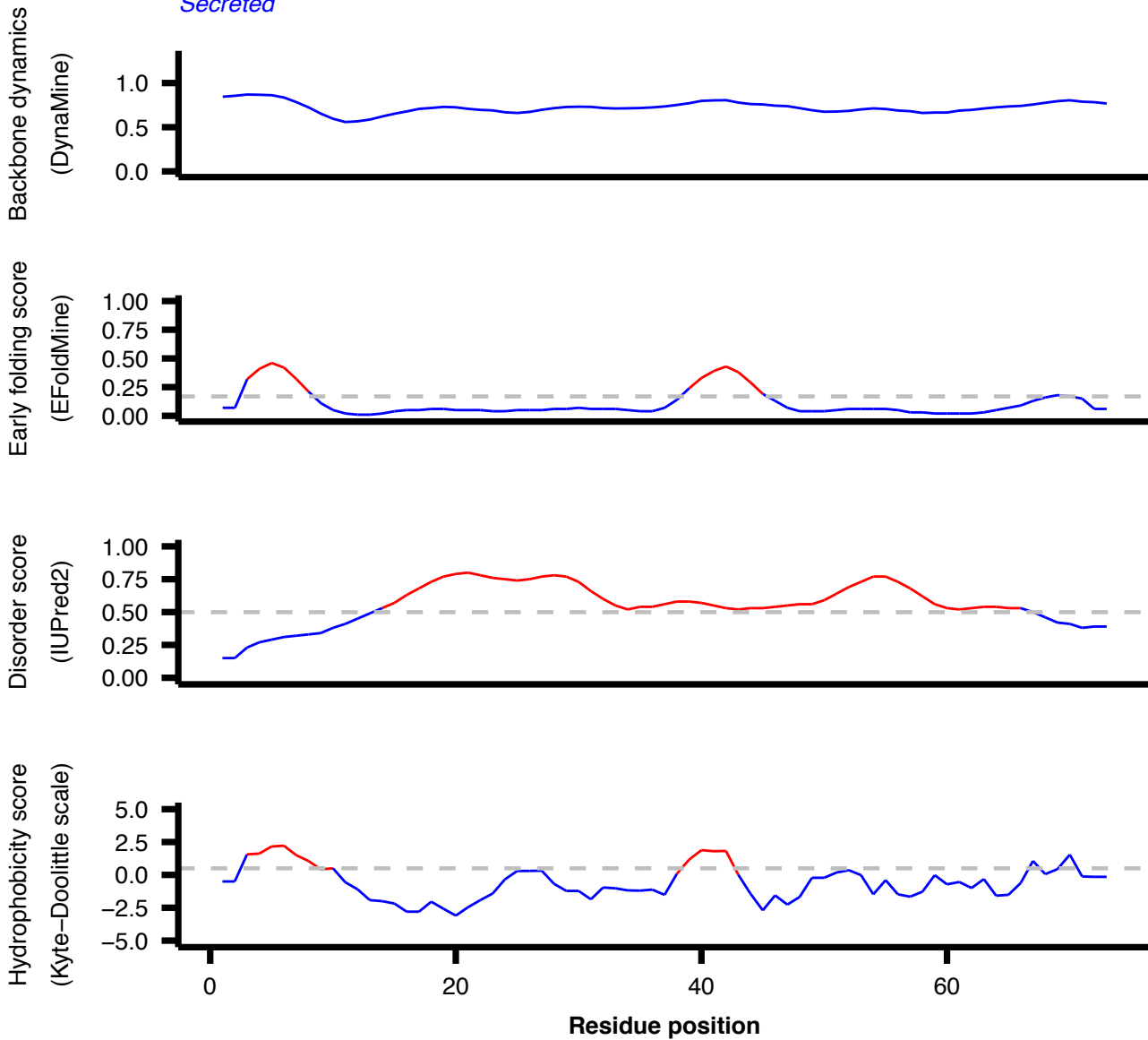
# P0AA57 (YOBA\_ECOLI)

*Secreted*



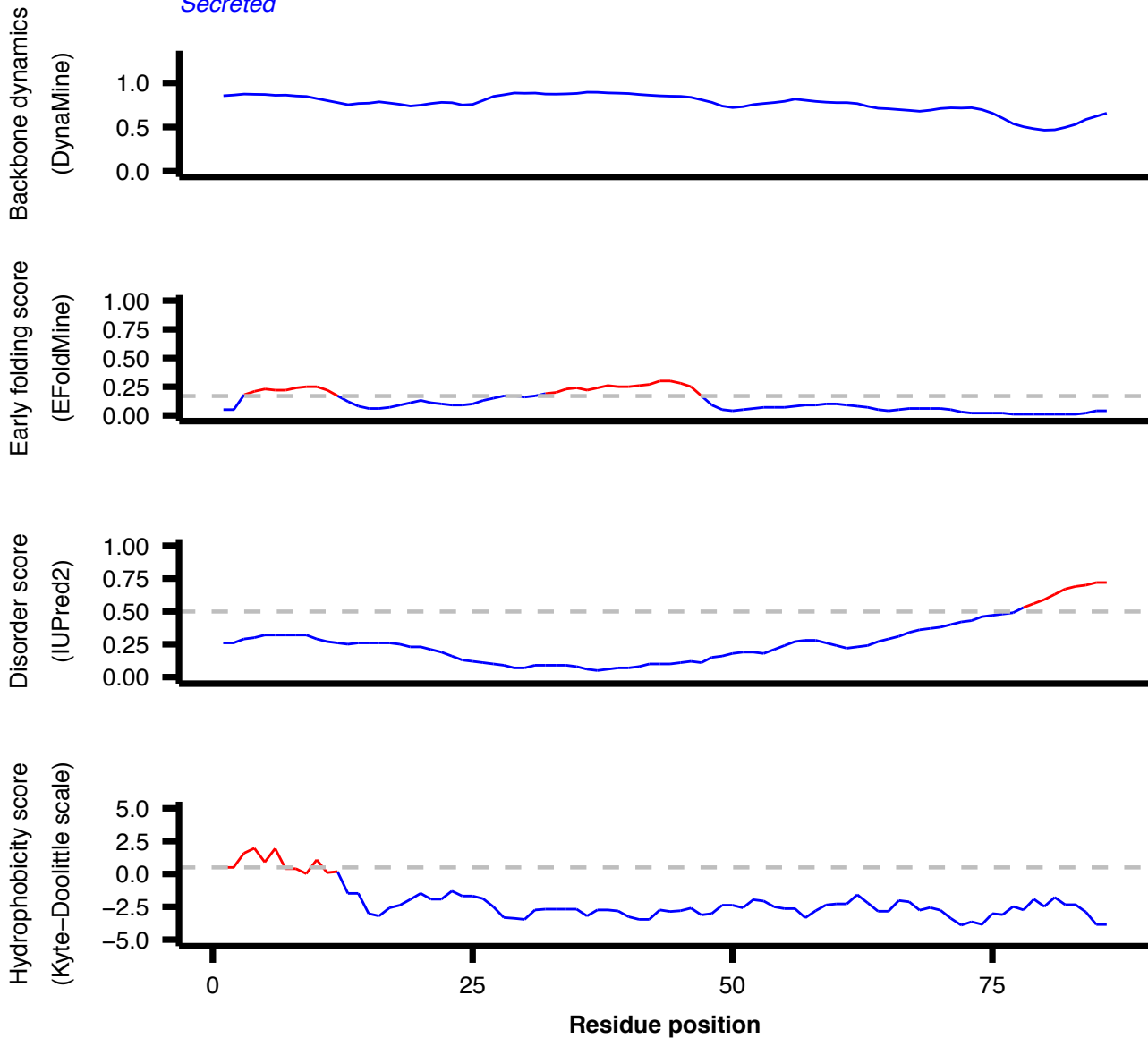
# O32528 (YPDI\_ECOLI)

*Secreted*



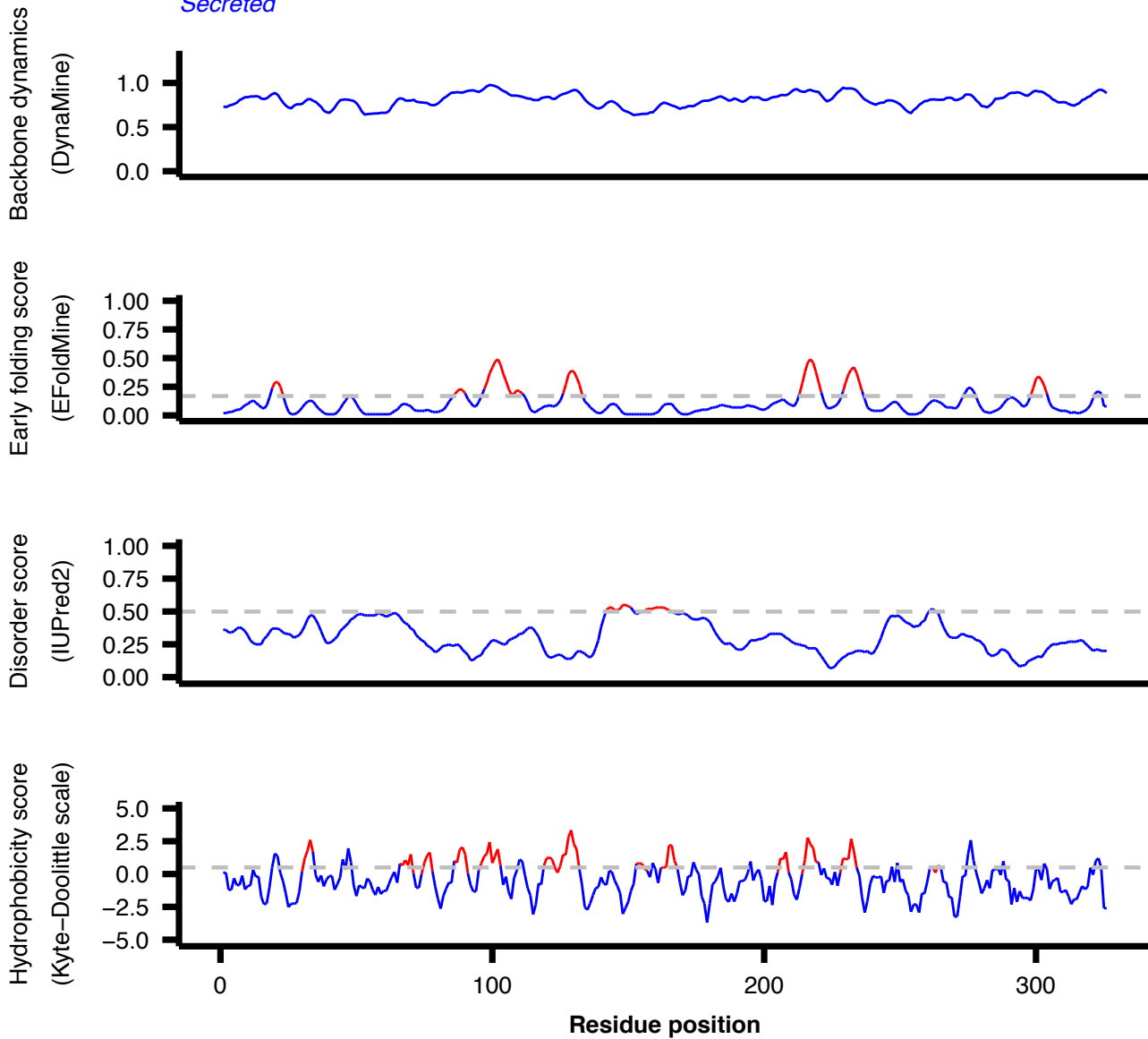
# P64542 (YPEC\_ECOLI)

*Secreted*



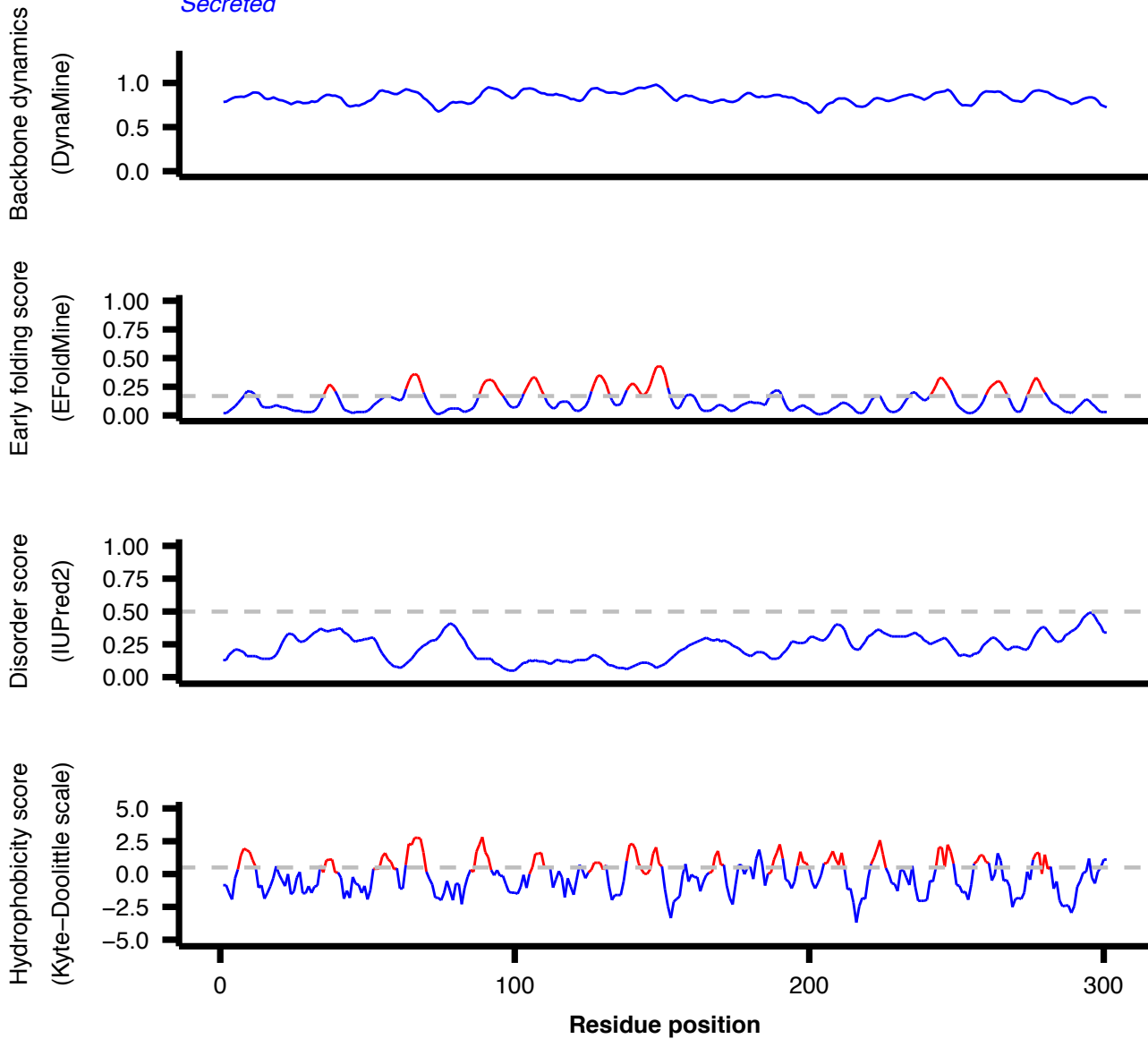
# P76559 (YPFG\_ECOLI)

*Secreted*



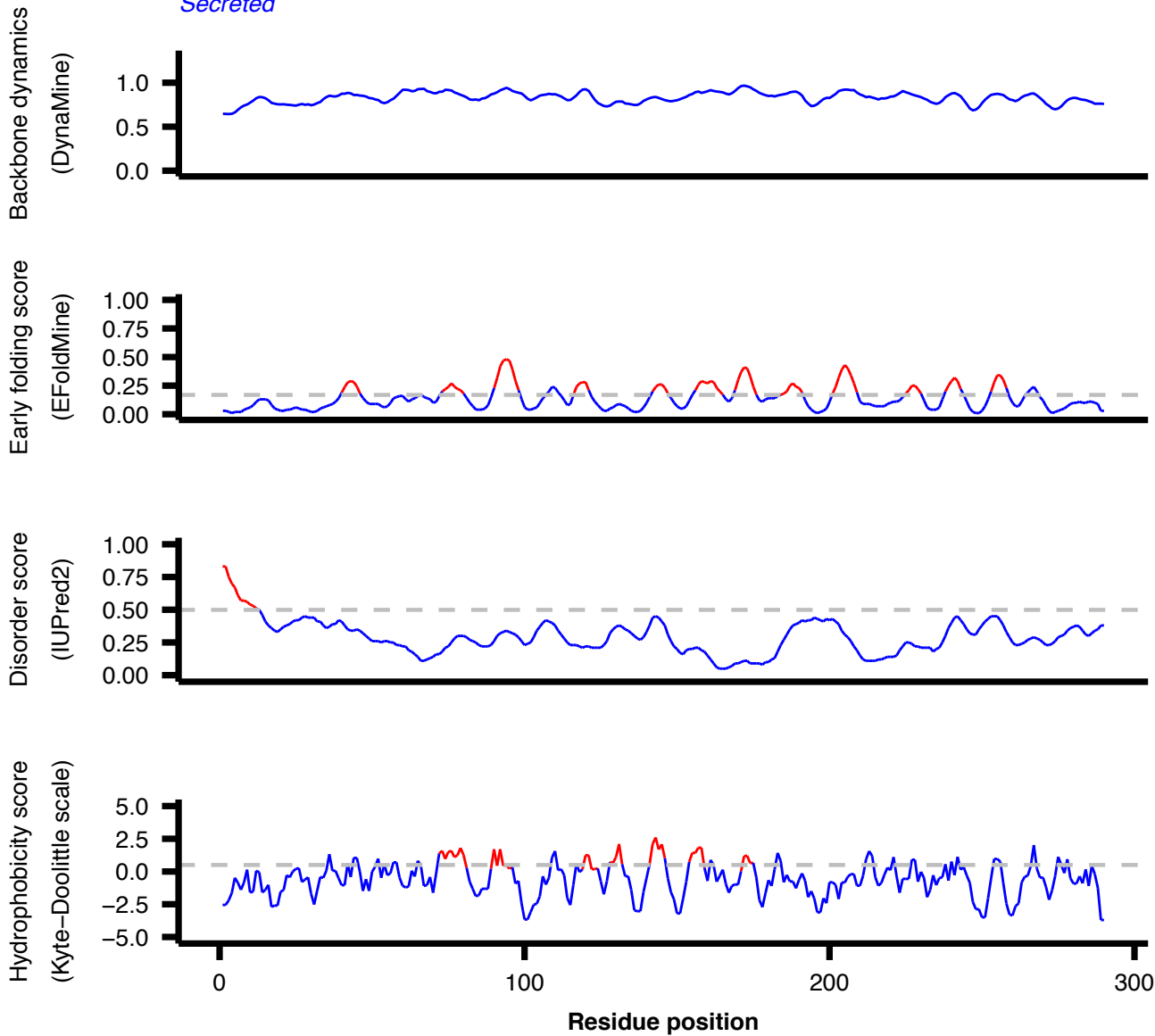
# P77269 (YPHF\_ECOLI)

*Secreted*



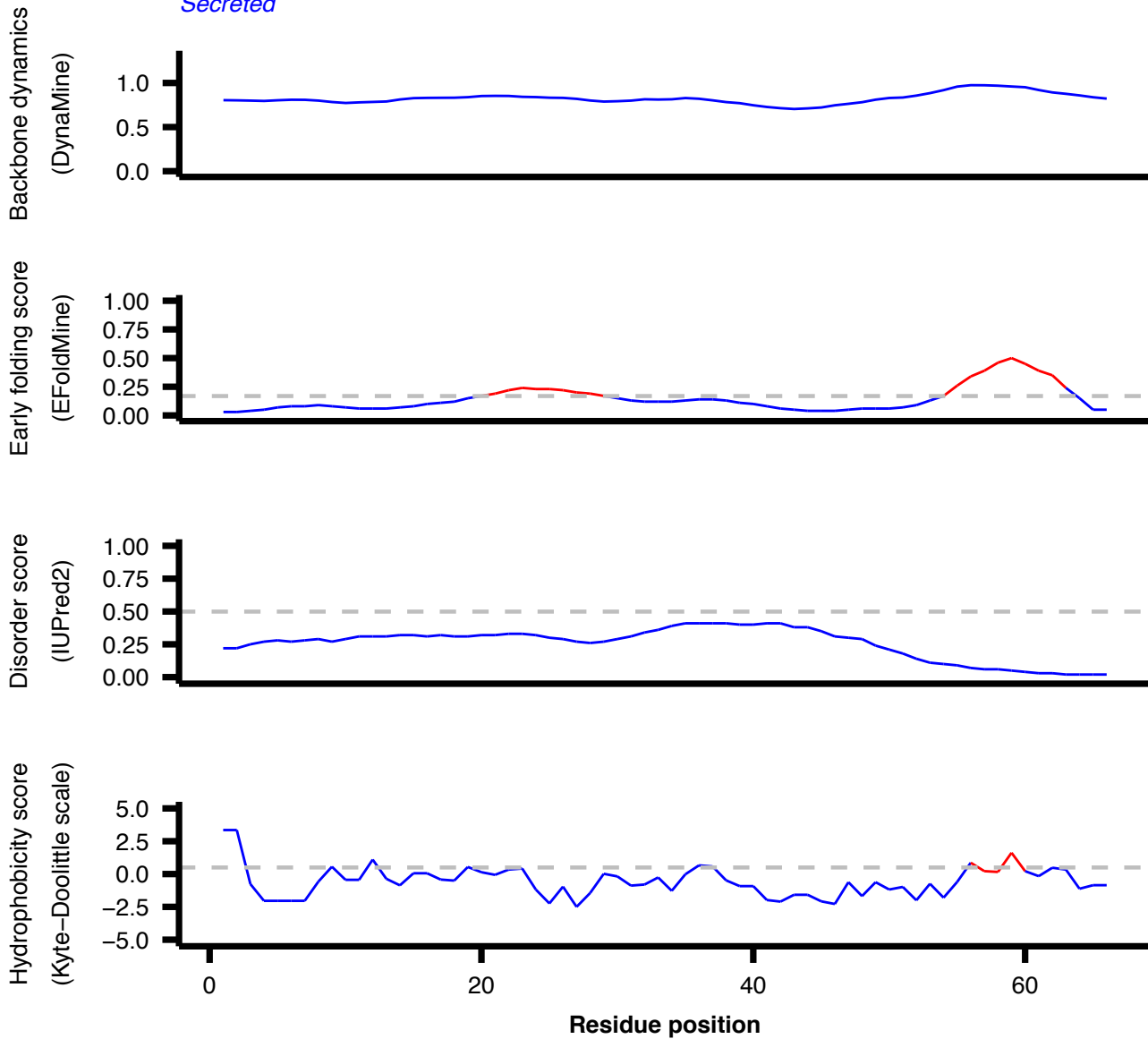
# Q46858 (YQHG\_ECOLI)

*Secreted*



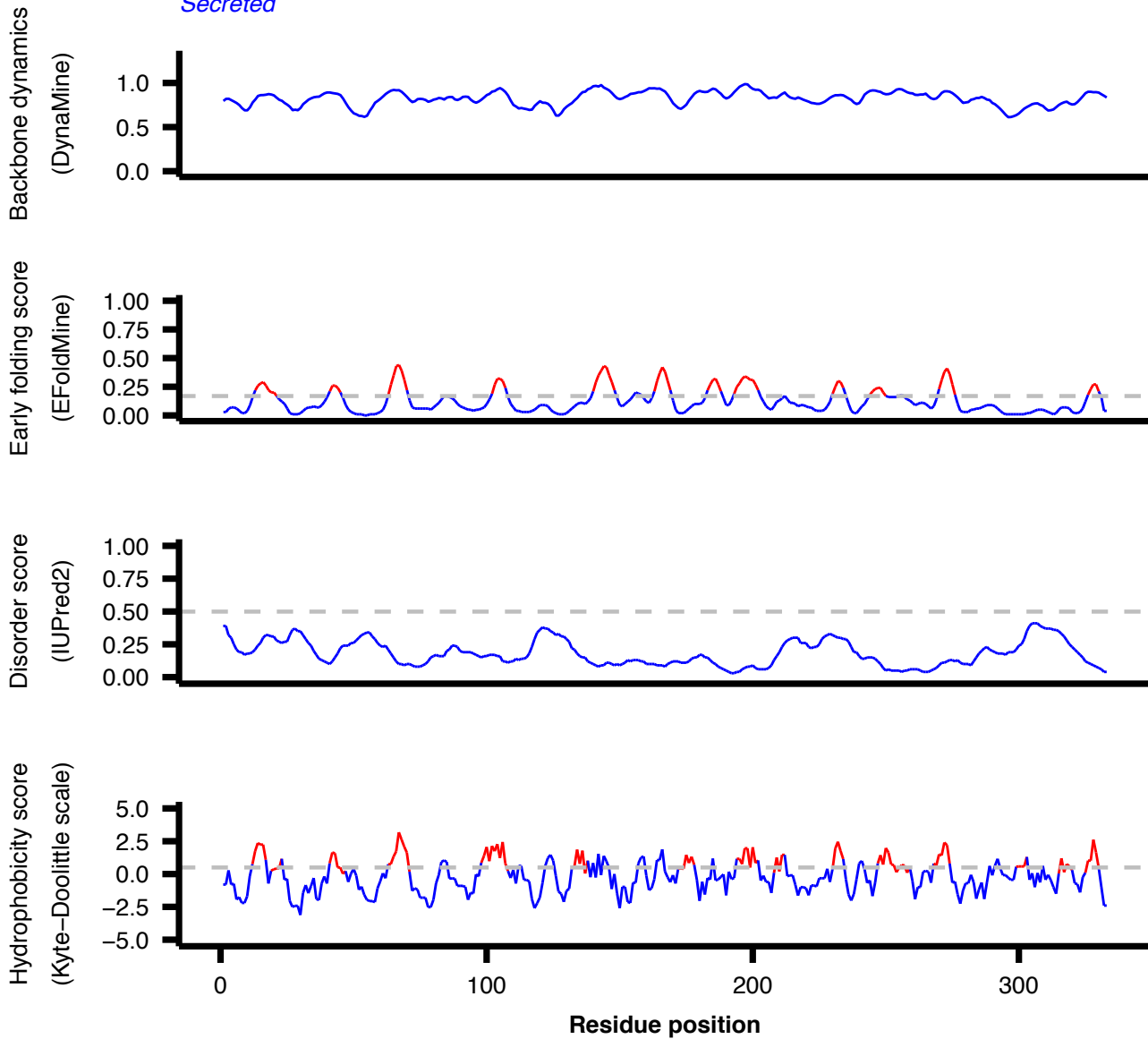
# P65298 (YQHH\_ECOLI)

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# P76656 (YQII\_ECOLI)

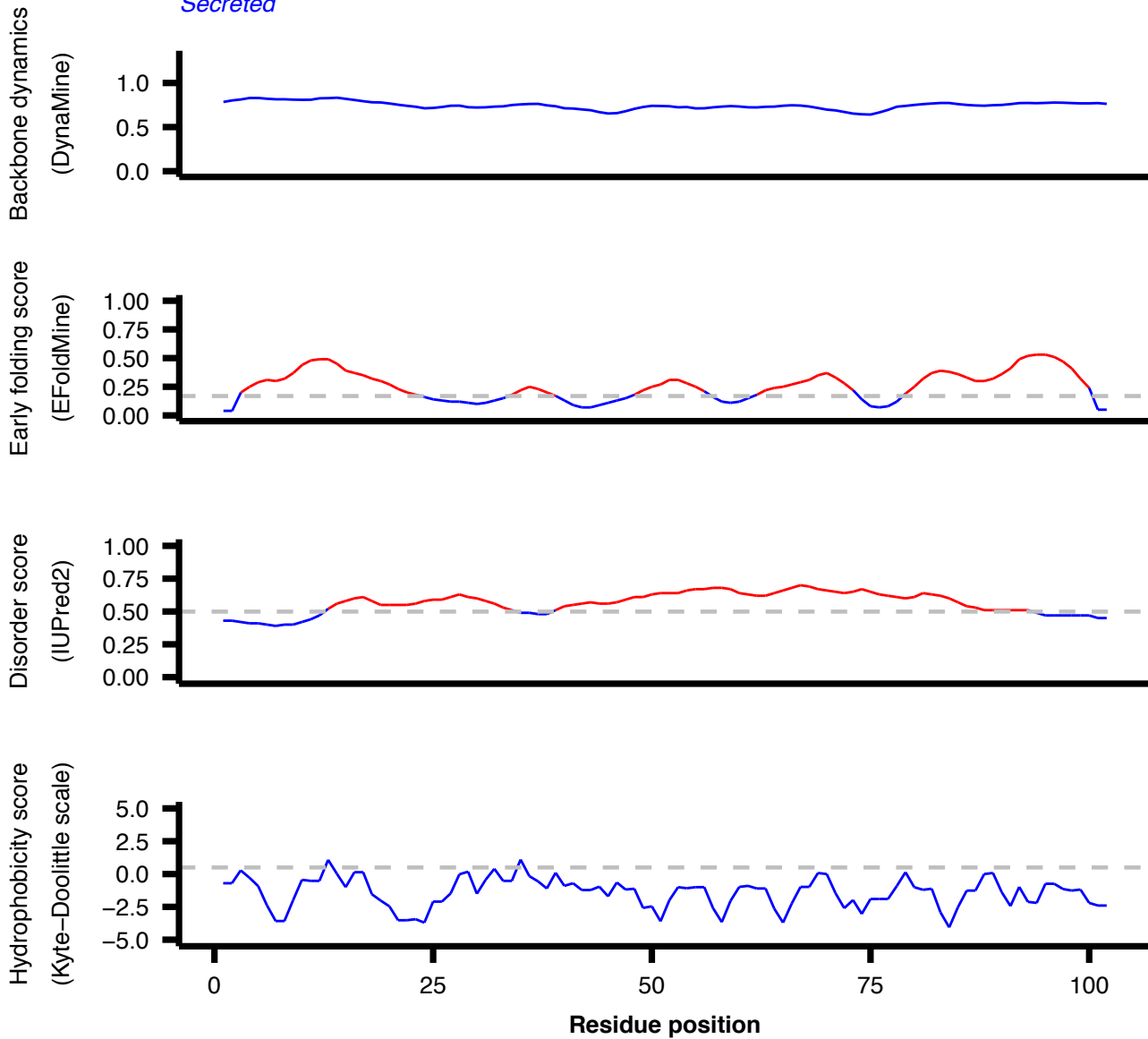
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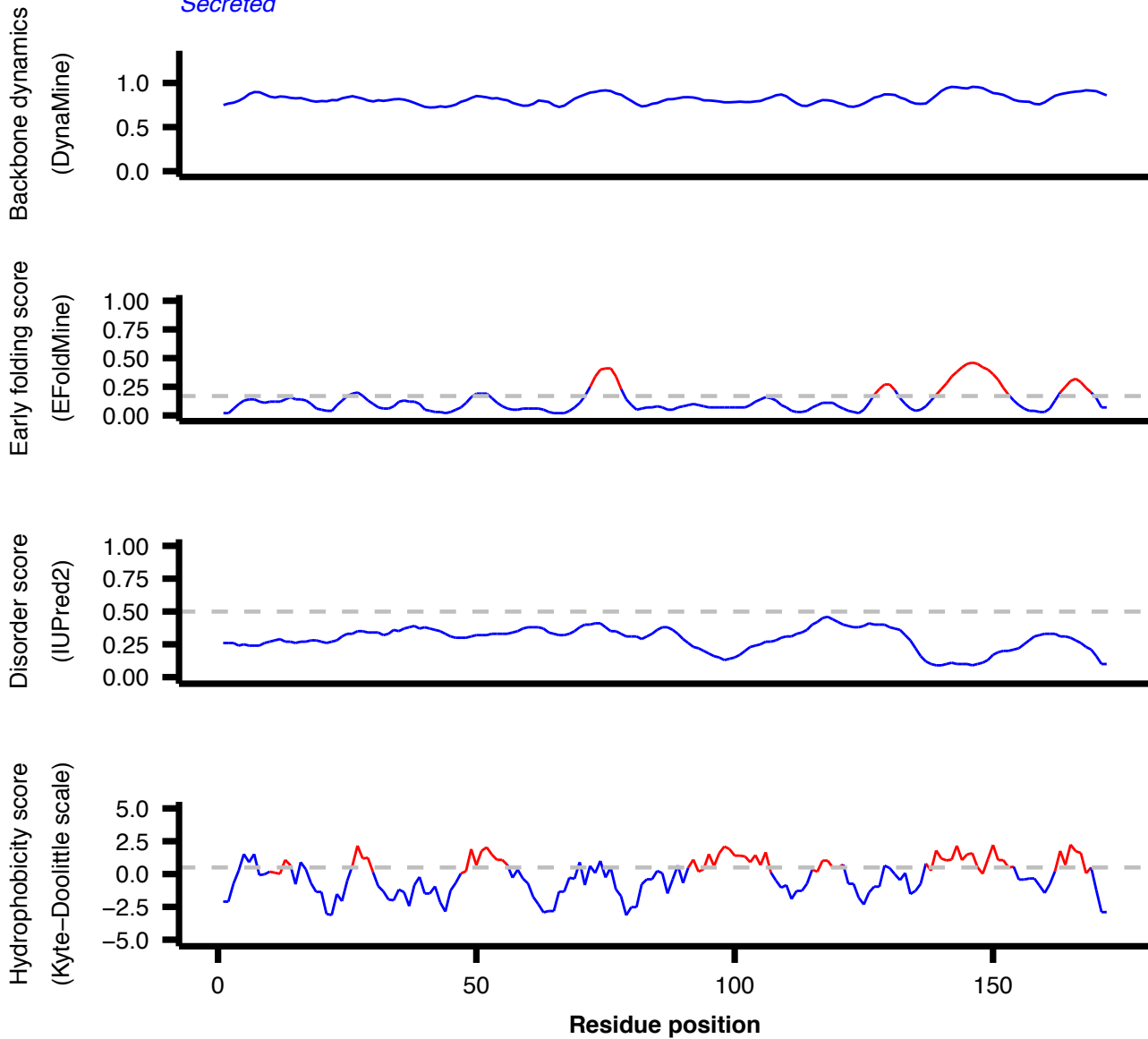
# P42616 (YQJC\_ECOLI)

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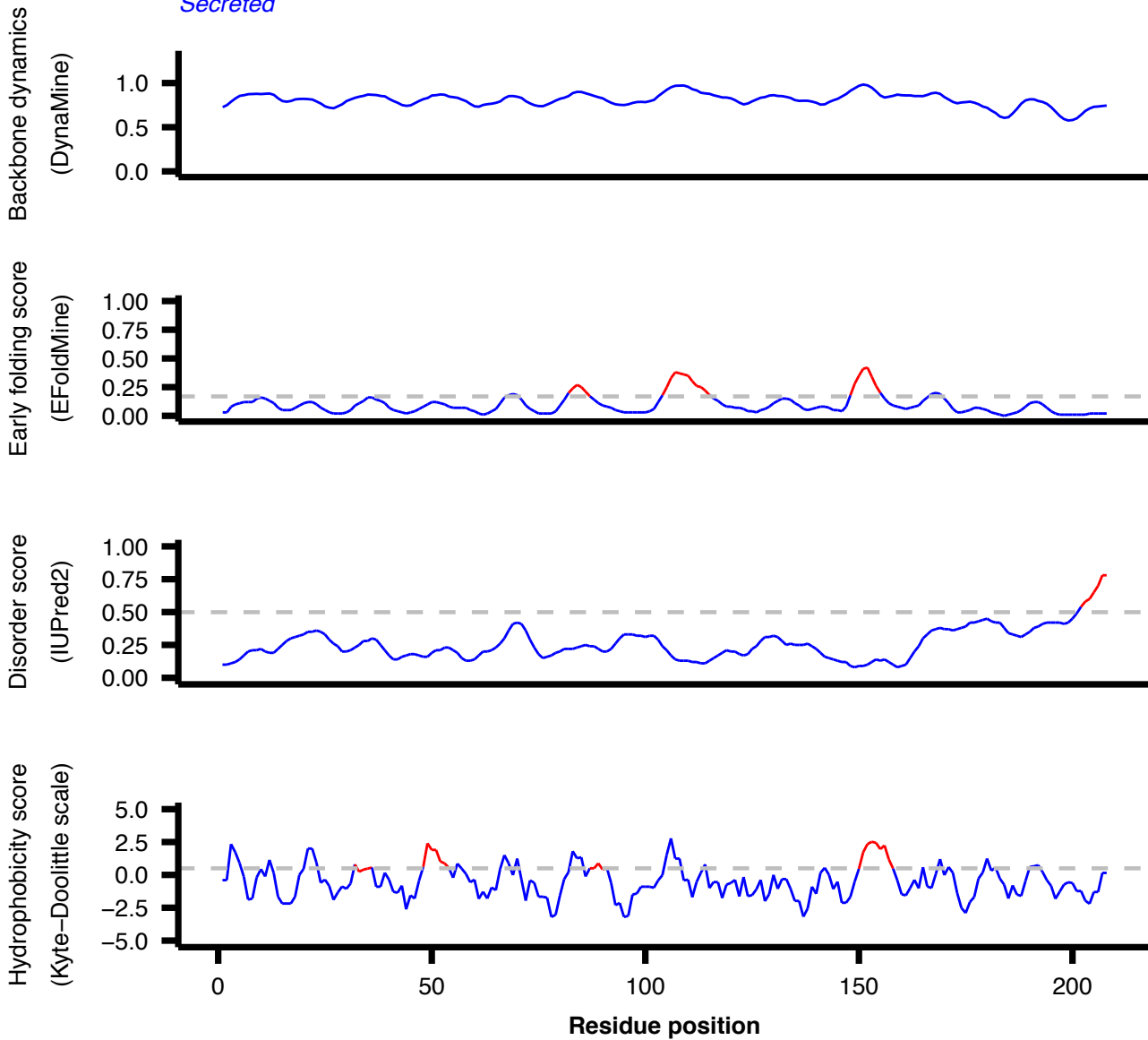
# P42913 (YRAH\_ECOLI)

*Secreted*



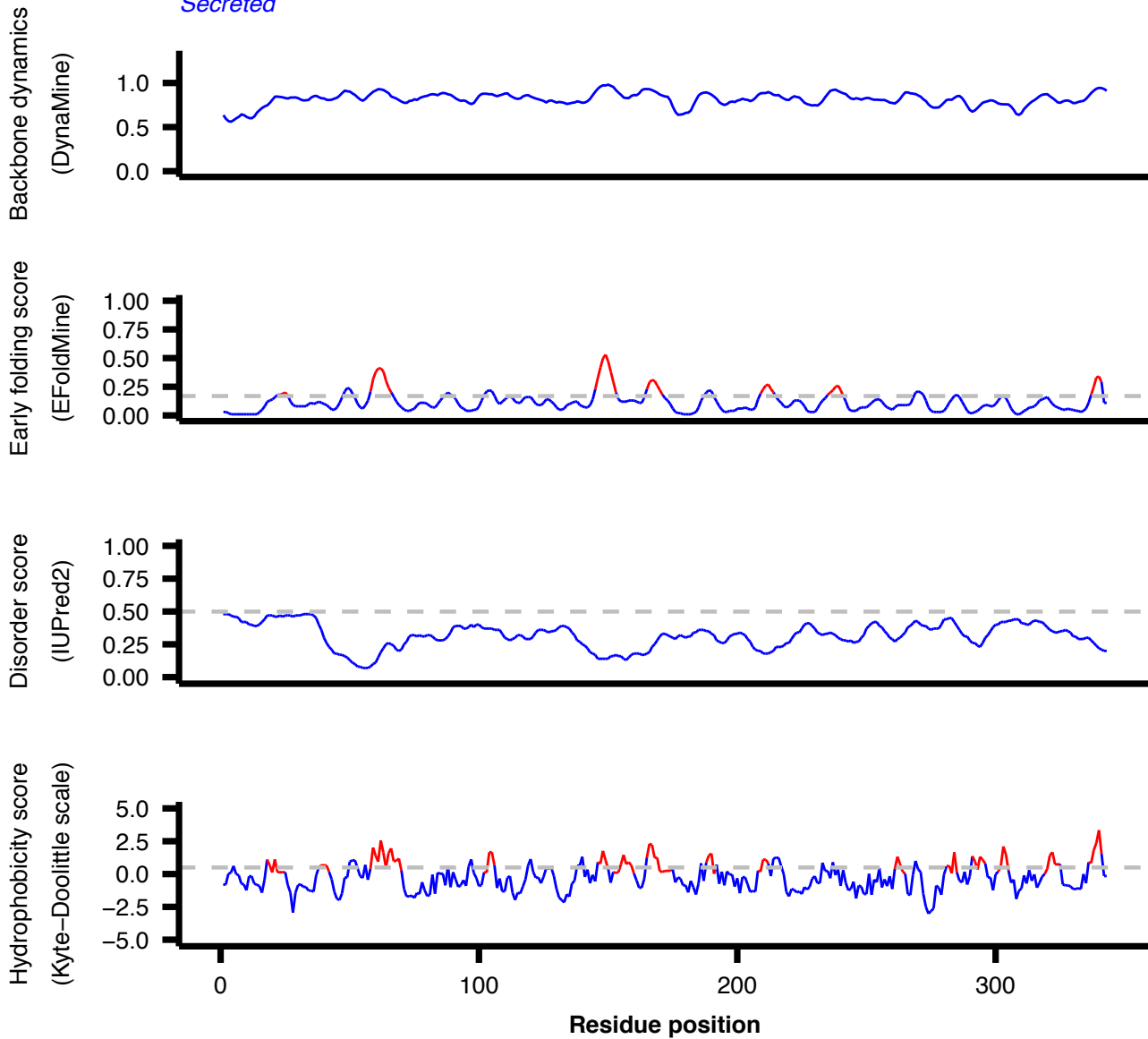
# P42914 (YRAI\_ECOLI)

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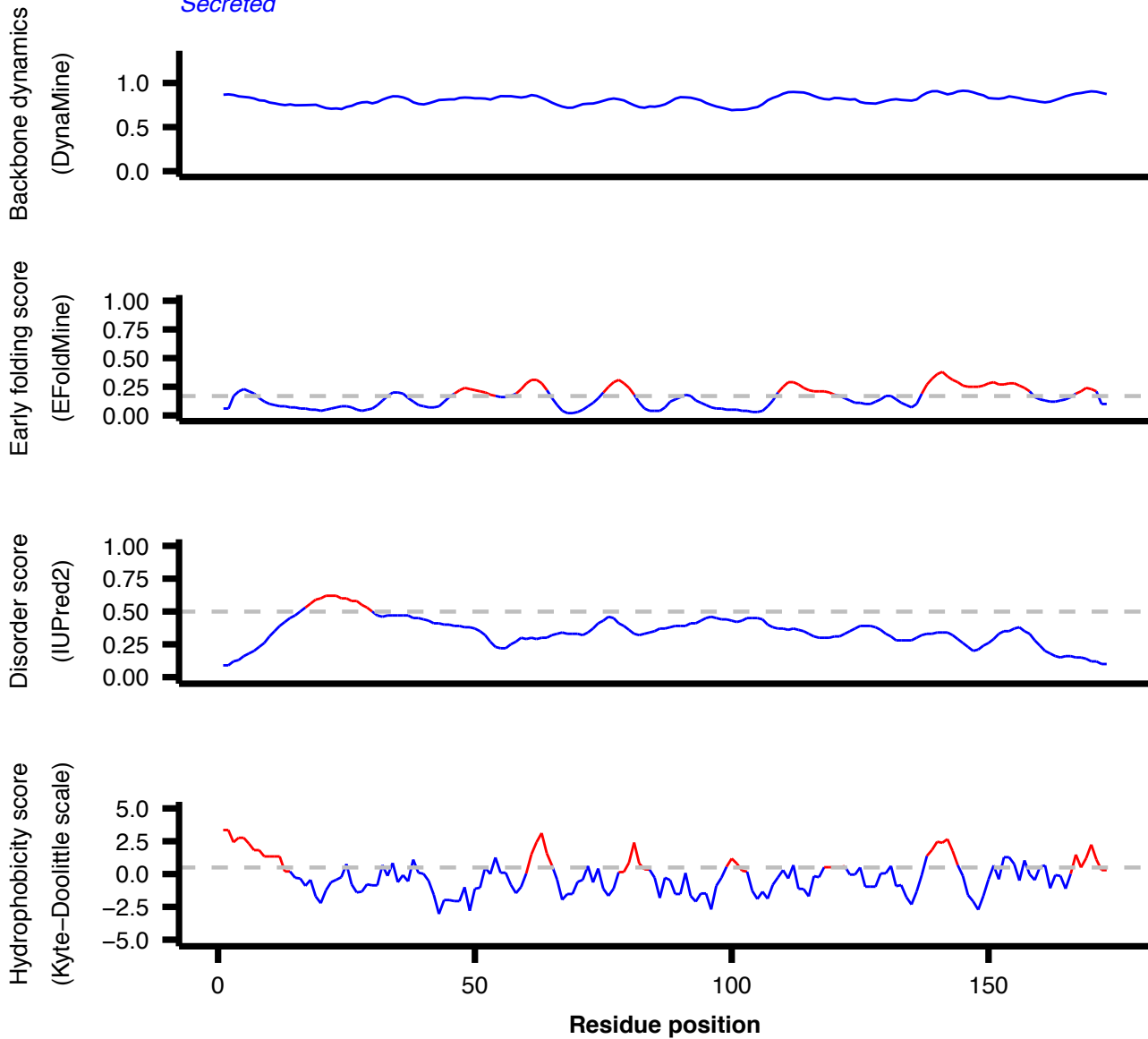
# P43319 (YRAK\_ECOLI)

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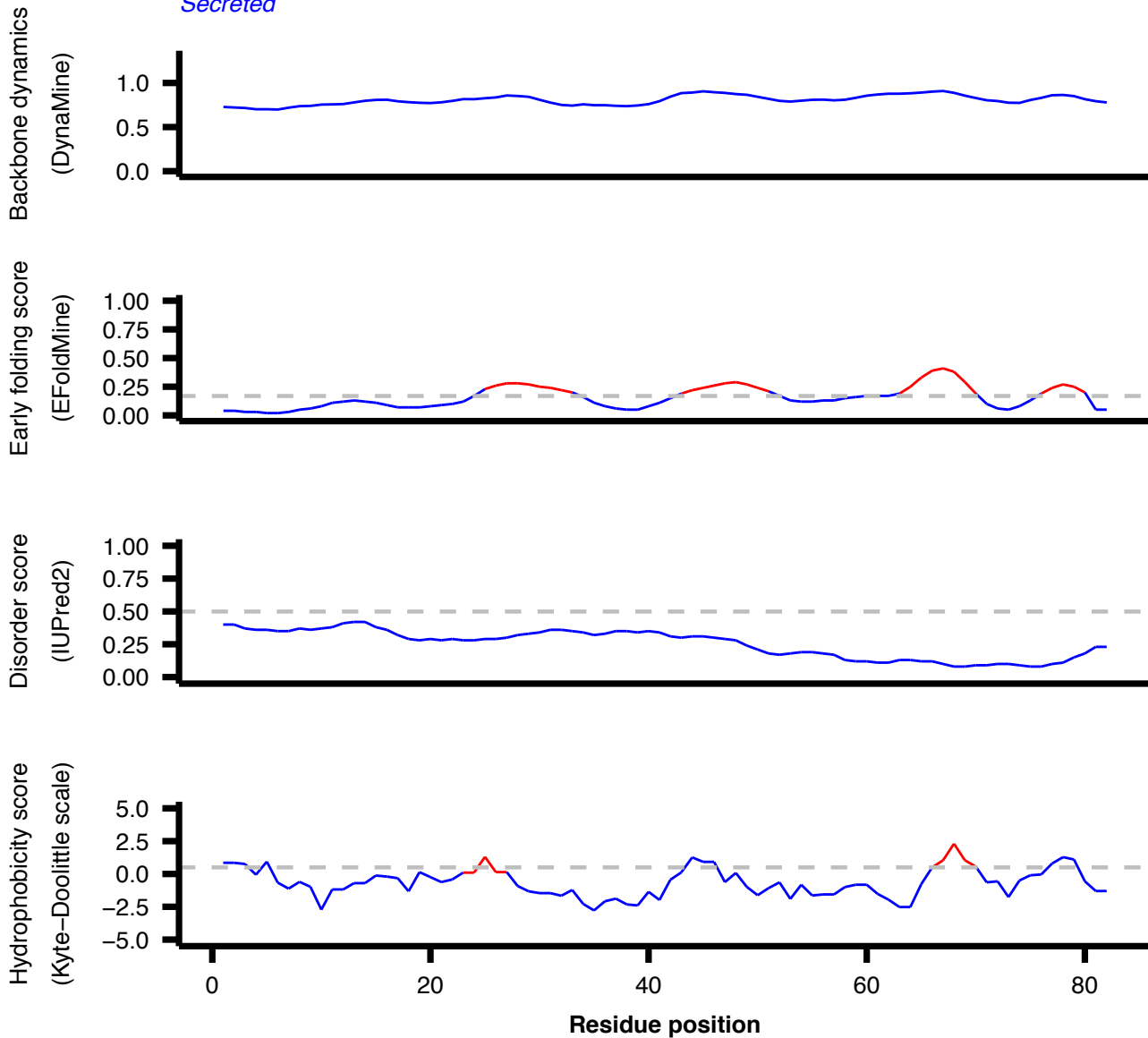
# P64596 (YRAP\_ECOLI)

*Secreted*



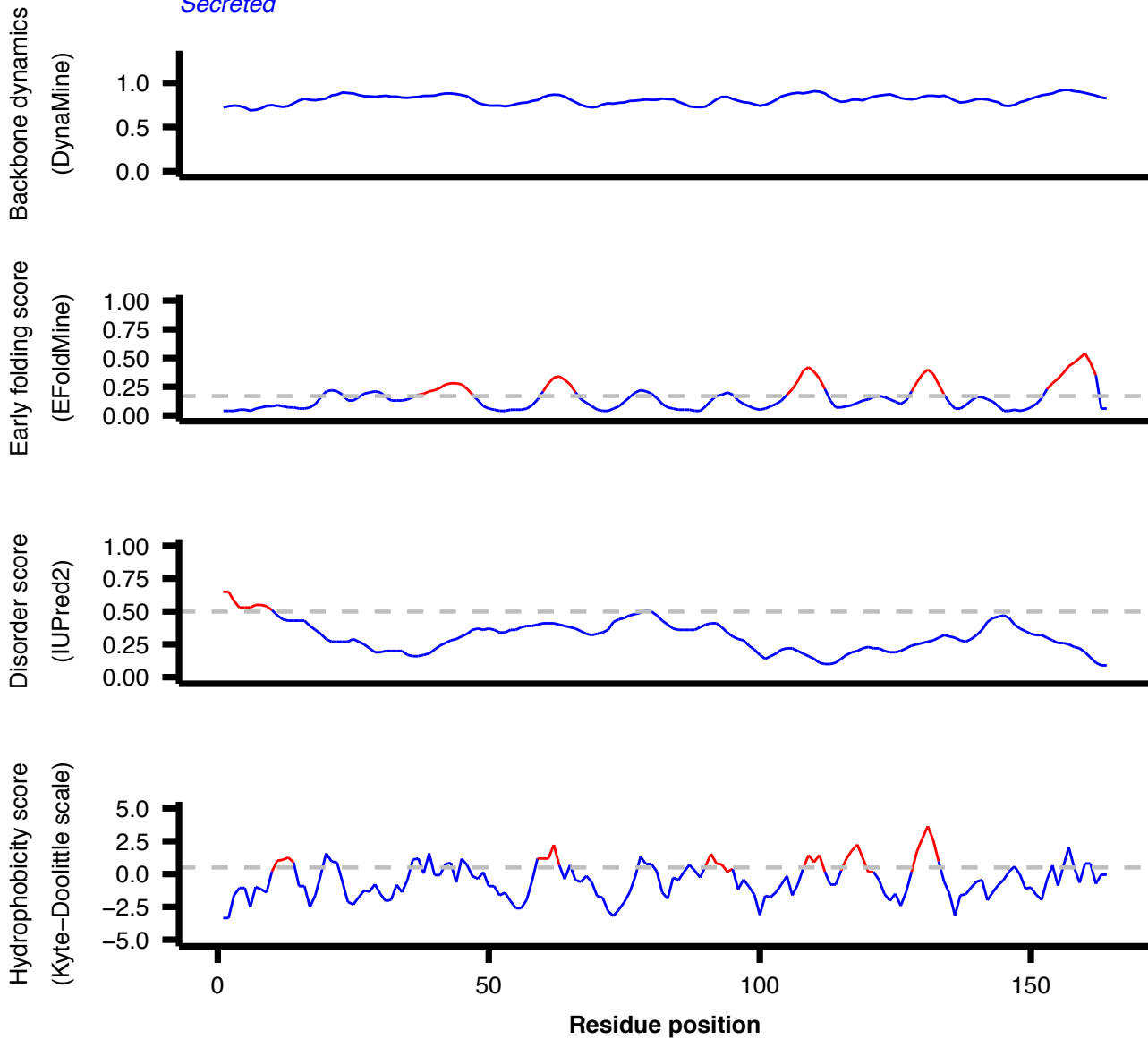
# Q2M7M3 (YSAB\_ECOLI)

*Secreted*



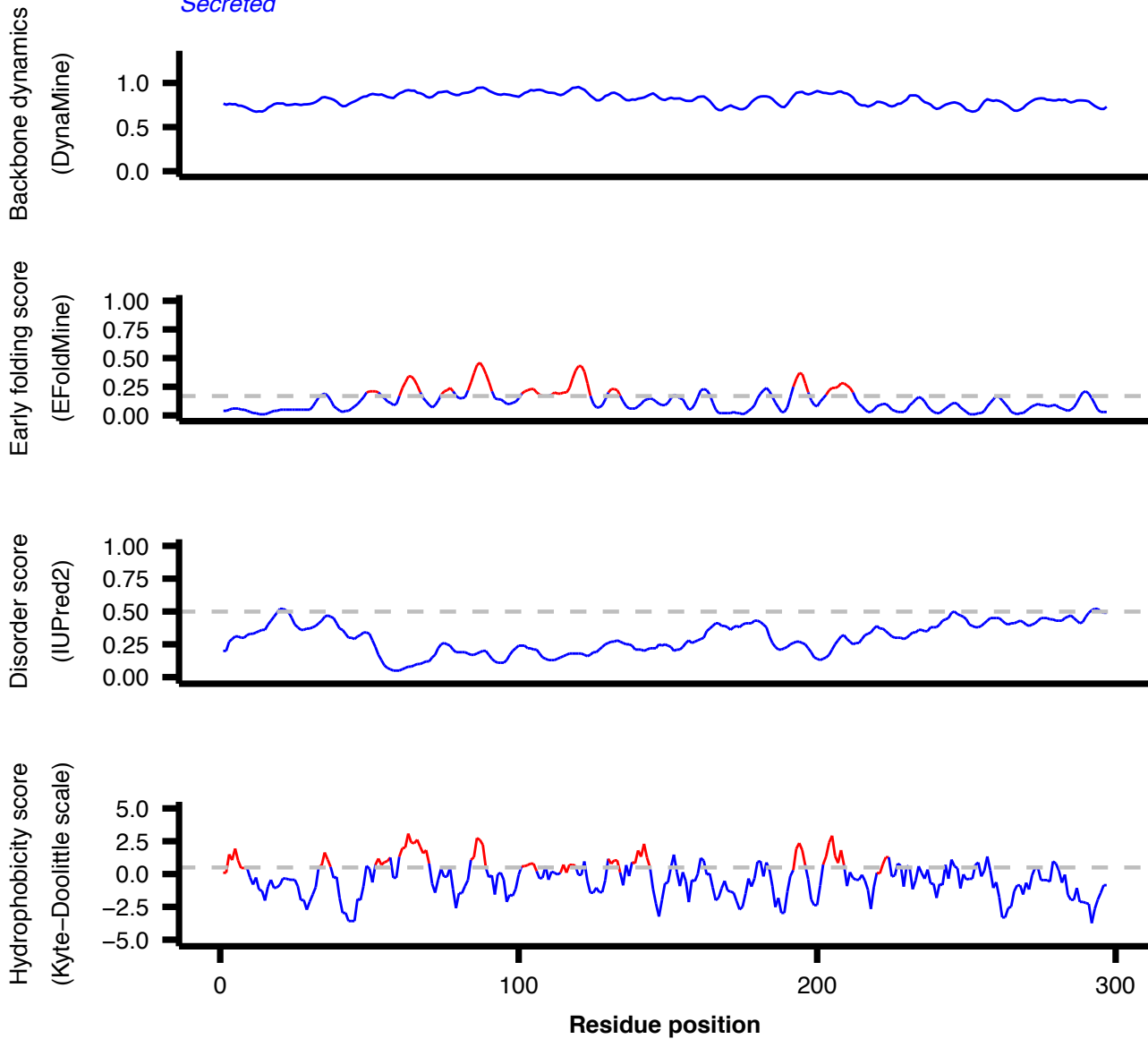
# P39187 (YTFJ\_ECOLI)

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# P39325 (YTFQ\_ECOLI)

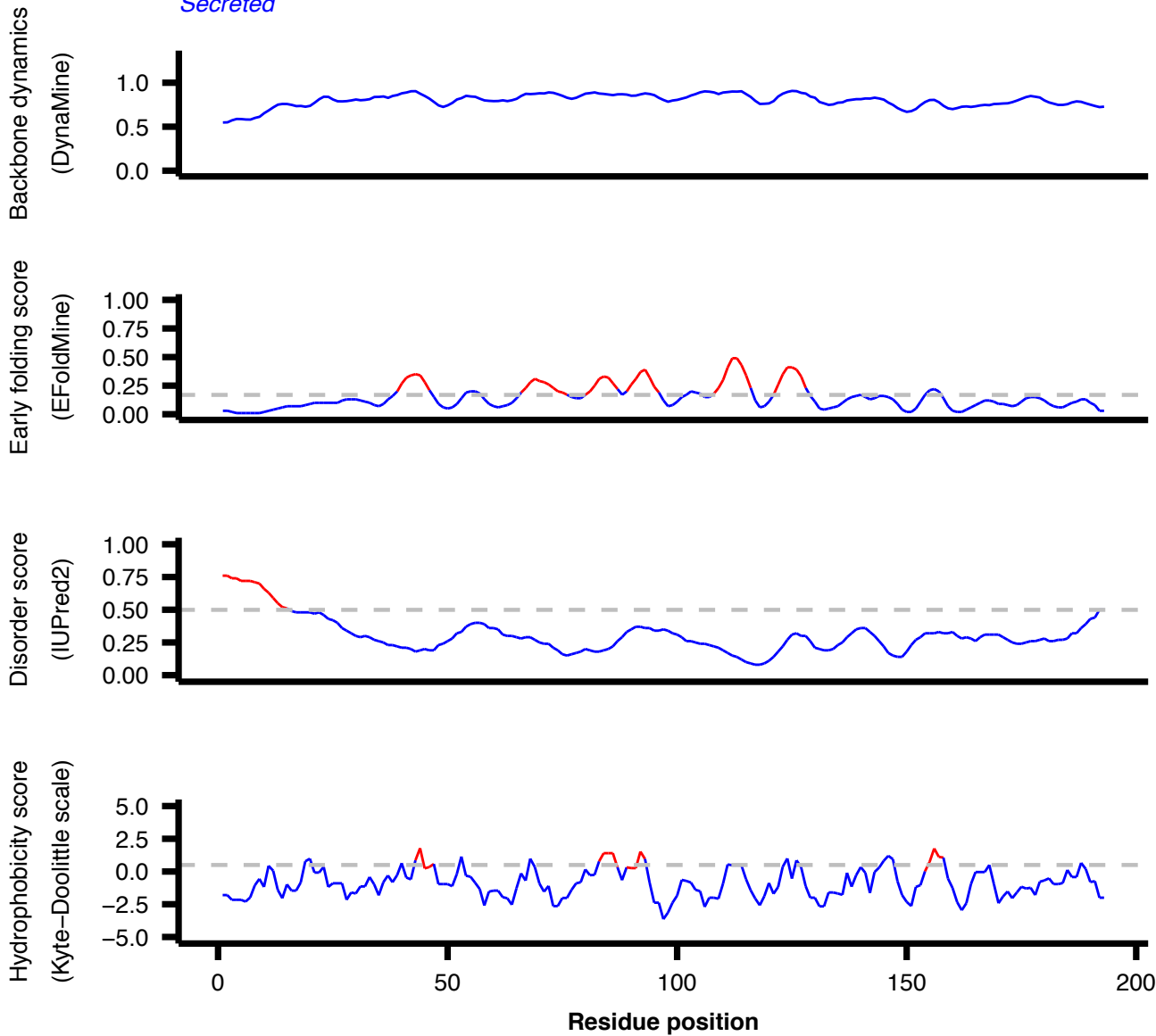
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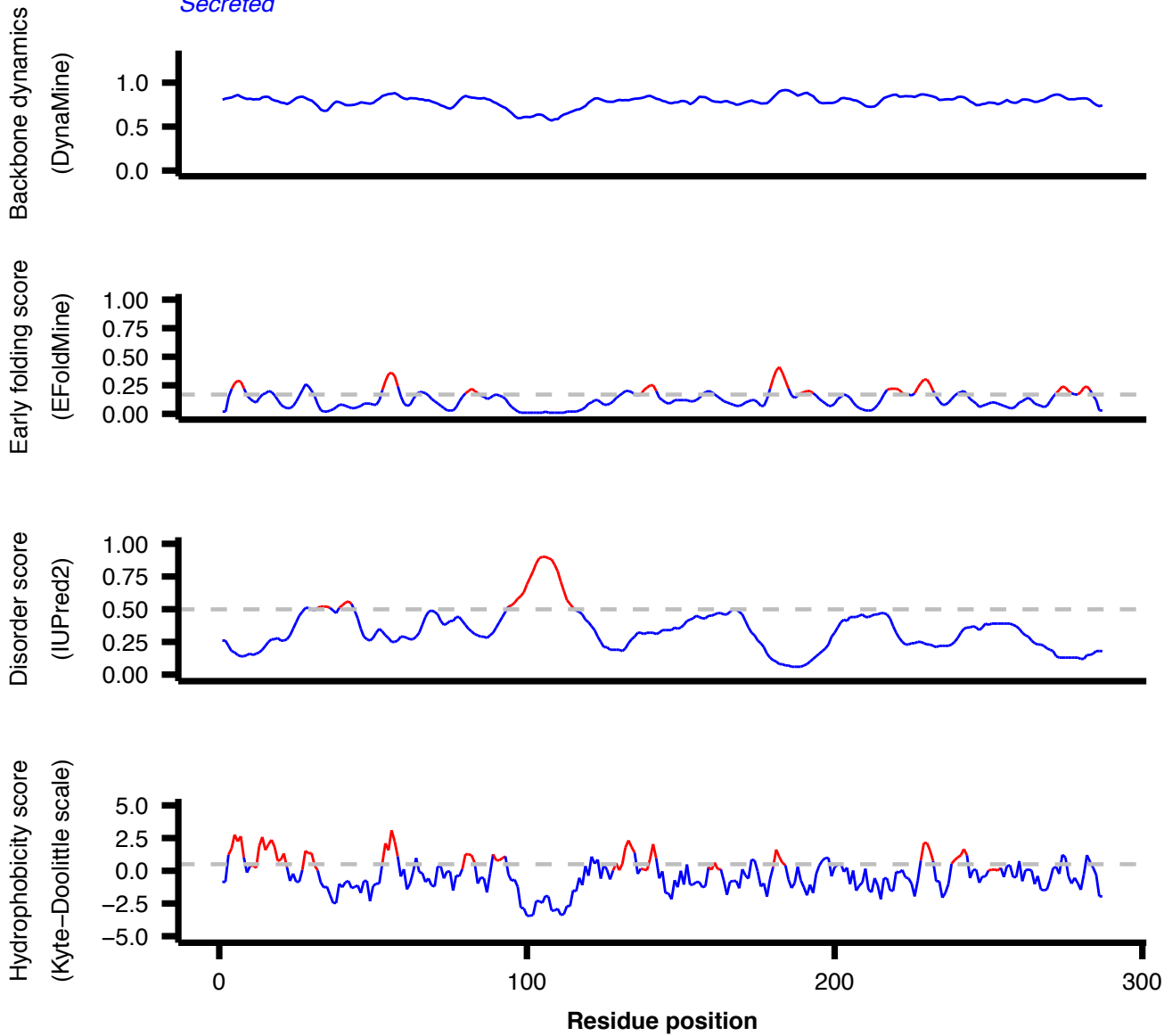
# P76344 (ZINT\_ECOLI)

*Secreted*



# P39172 (ZNUA\_ECOLI)

*Secreted*



# P0AAA9 (ZRAP\_ECOLI)

*Secreted*

