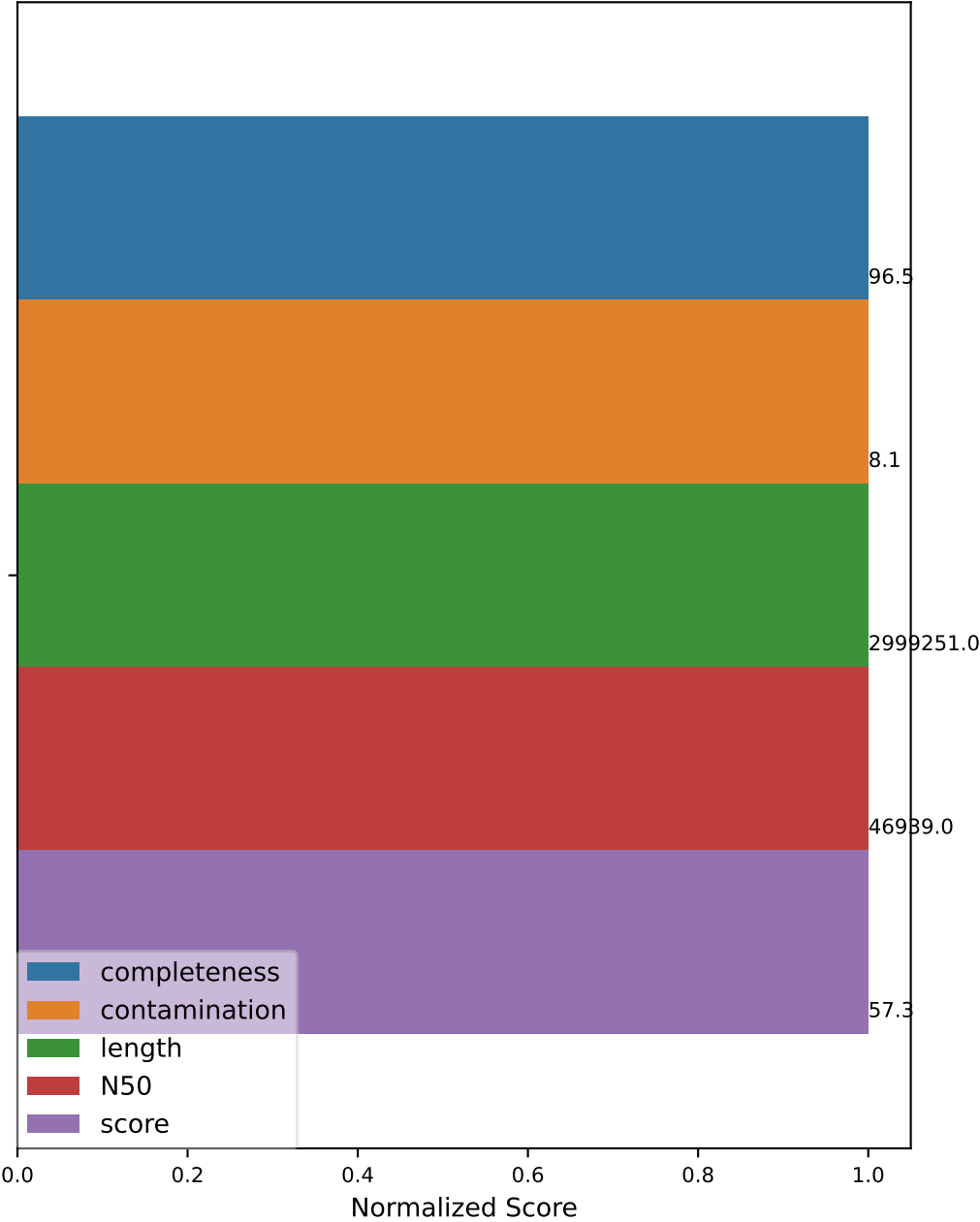


Scoring of cluster 1\_0

genome

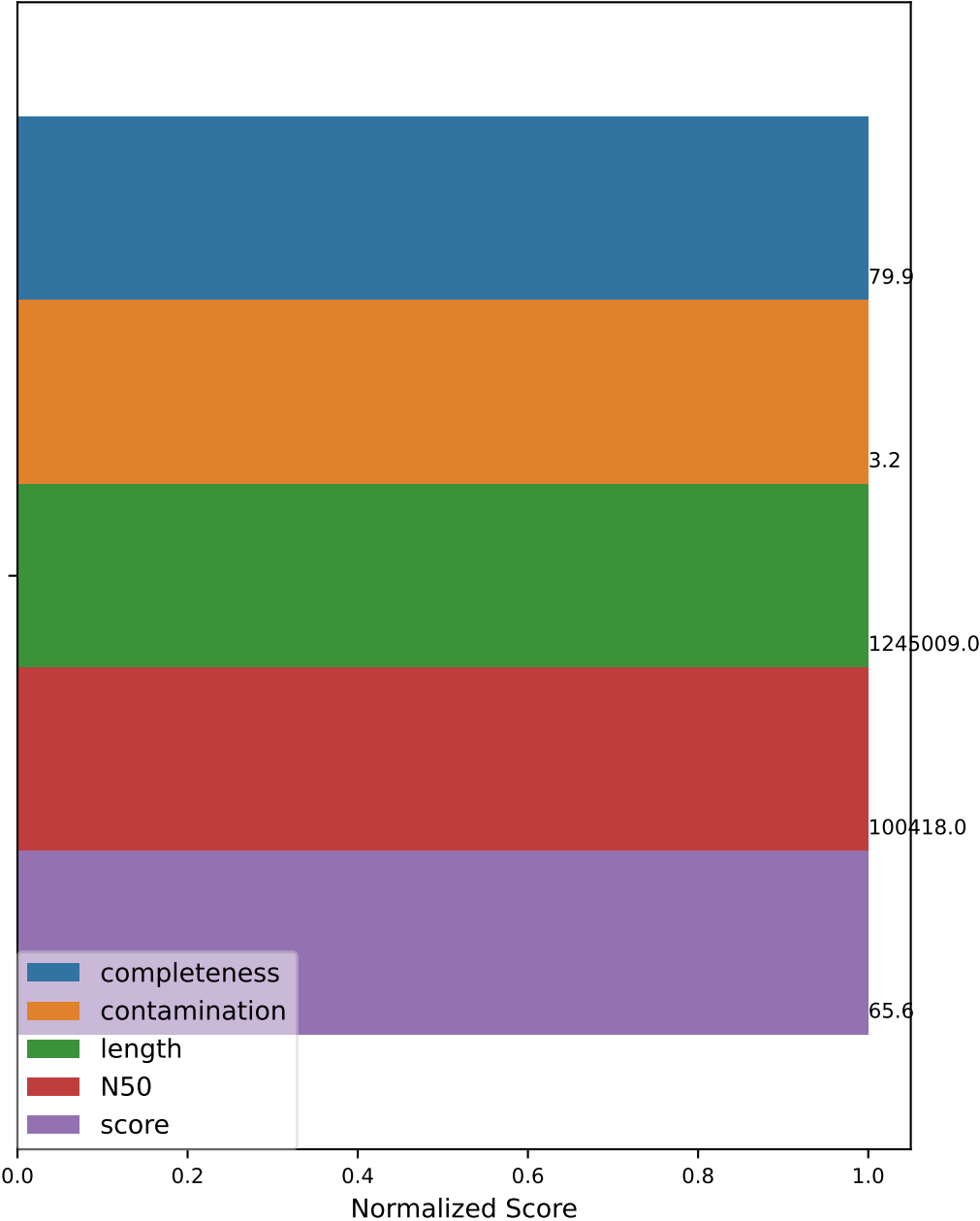
TOBG\_SAT-176.fna \*



Scoring of cluster 2\_0

genome

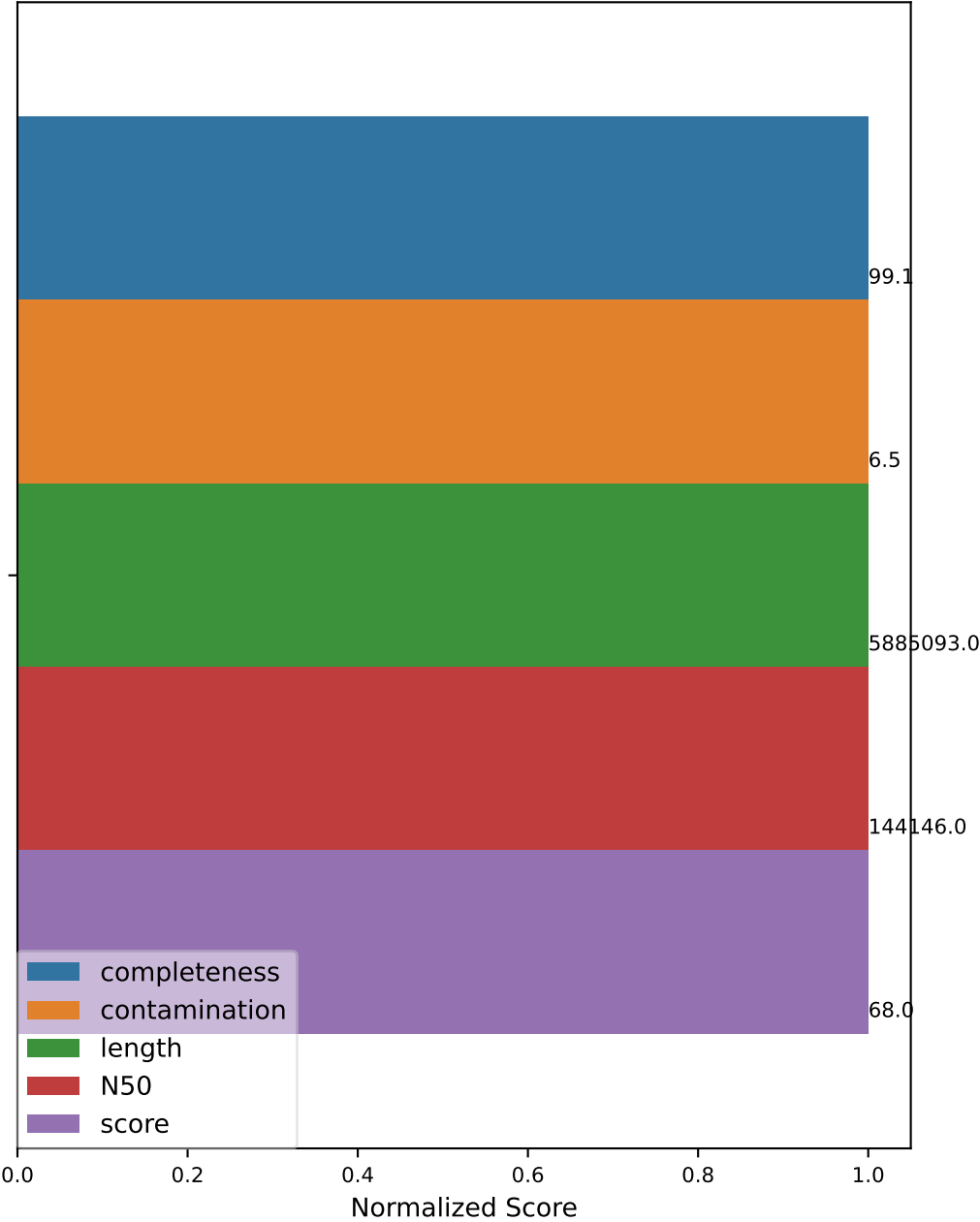
TOBG\_SP-4038.fna \*



Scoring of cluster 3\_0

genome

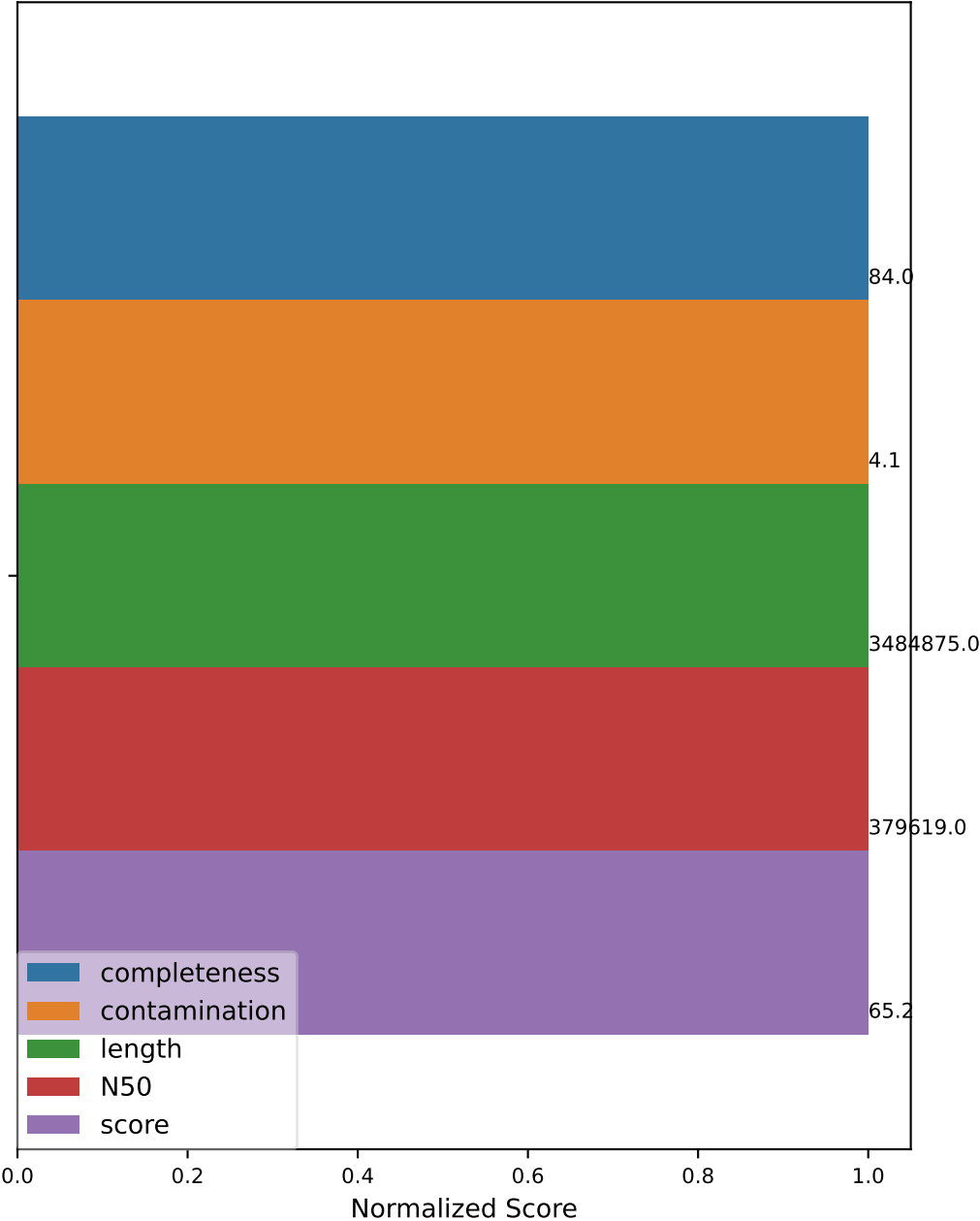
TOBG\_NAT-124.fna \*

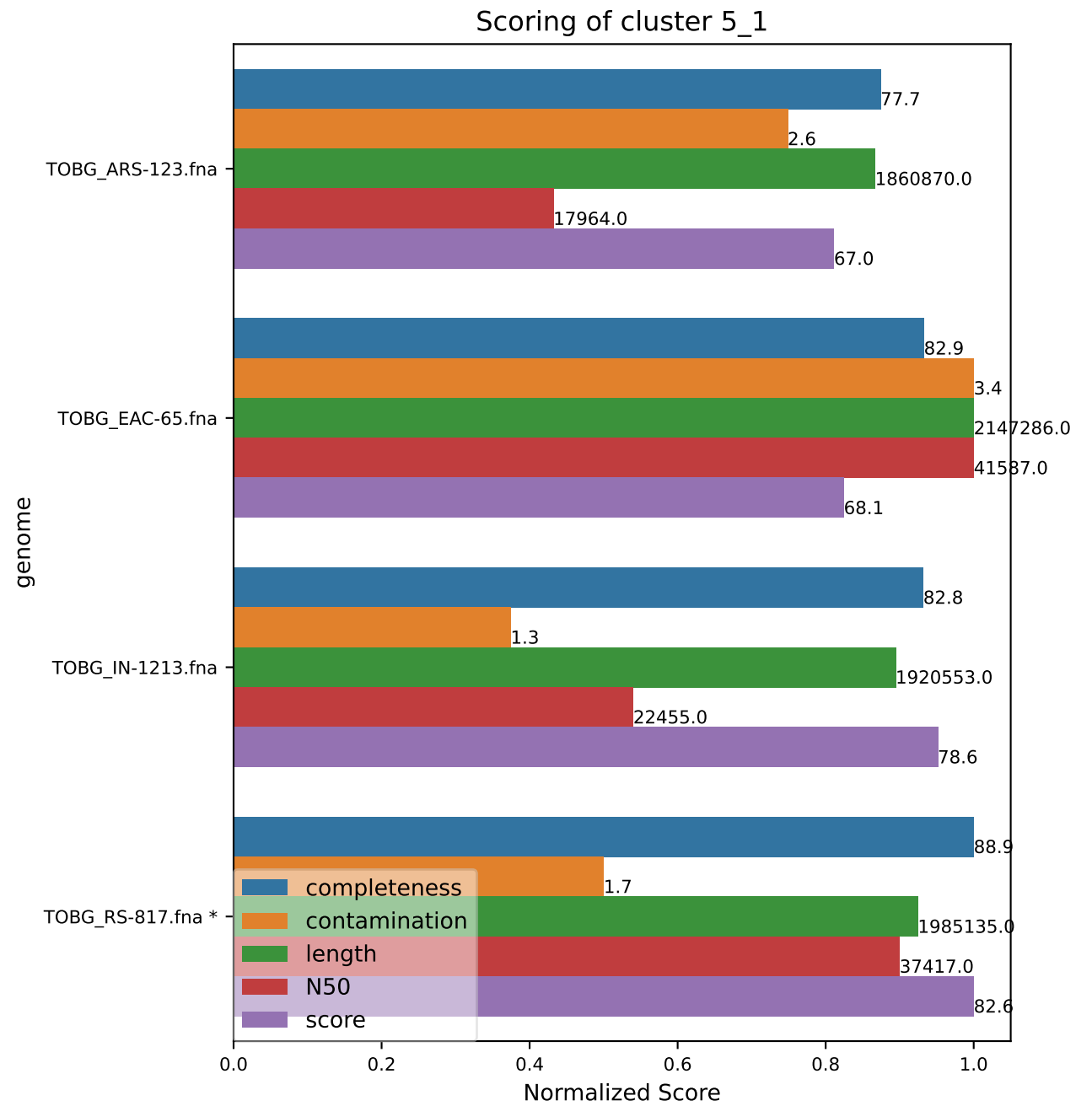


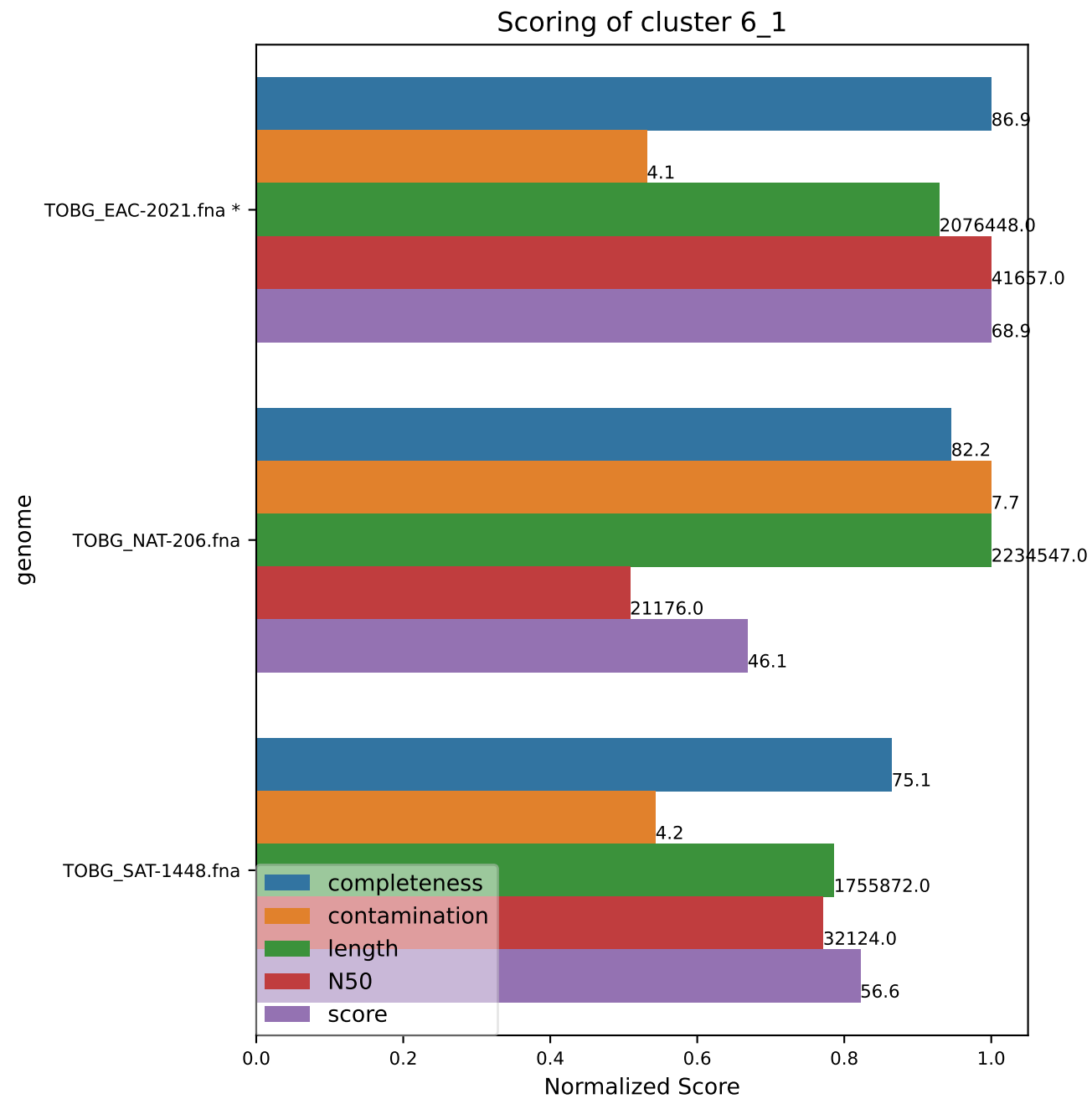
Scoring of cluster 4\_0

genome

TOBG\_SP-109.fna \*



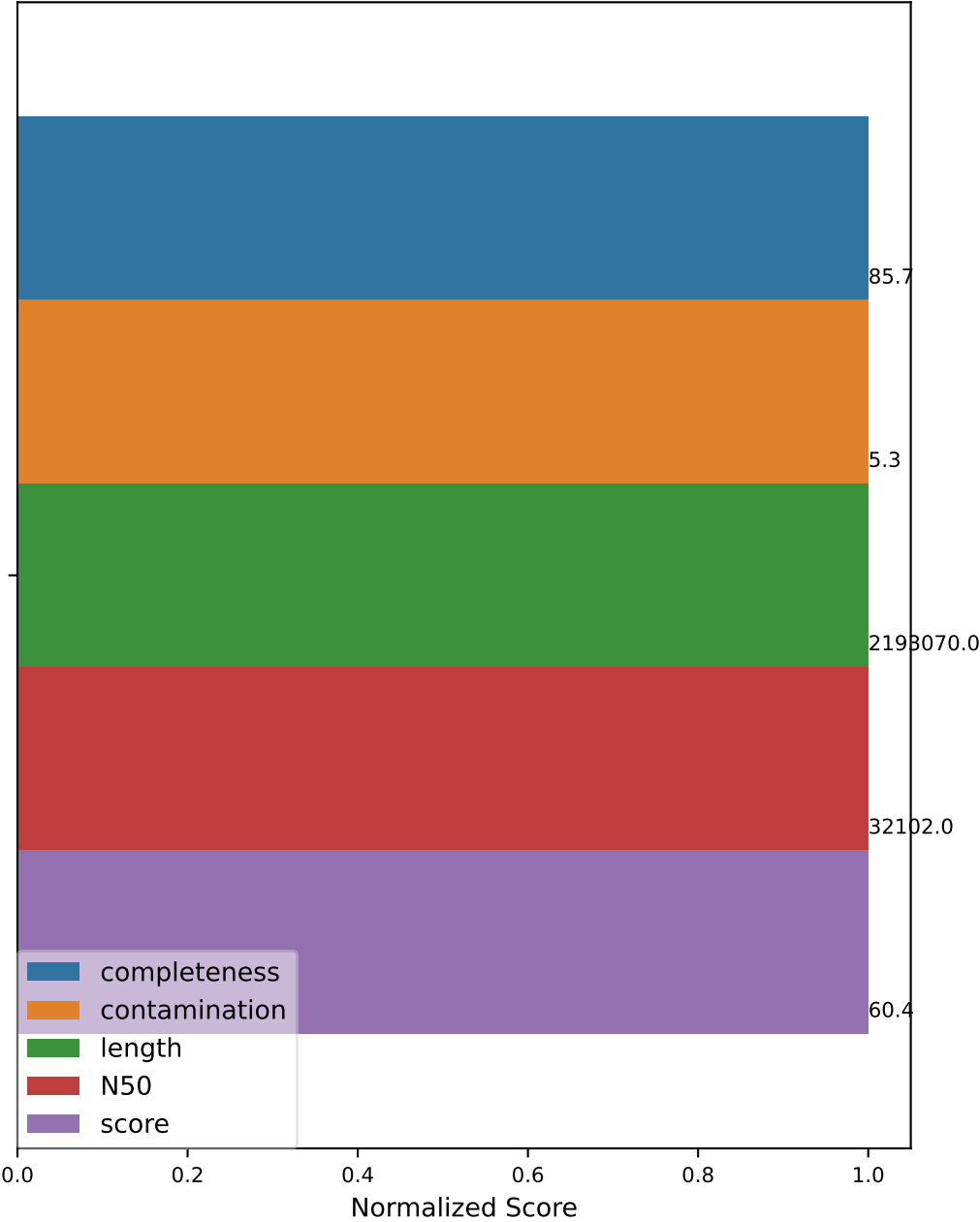




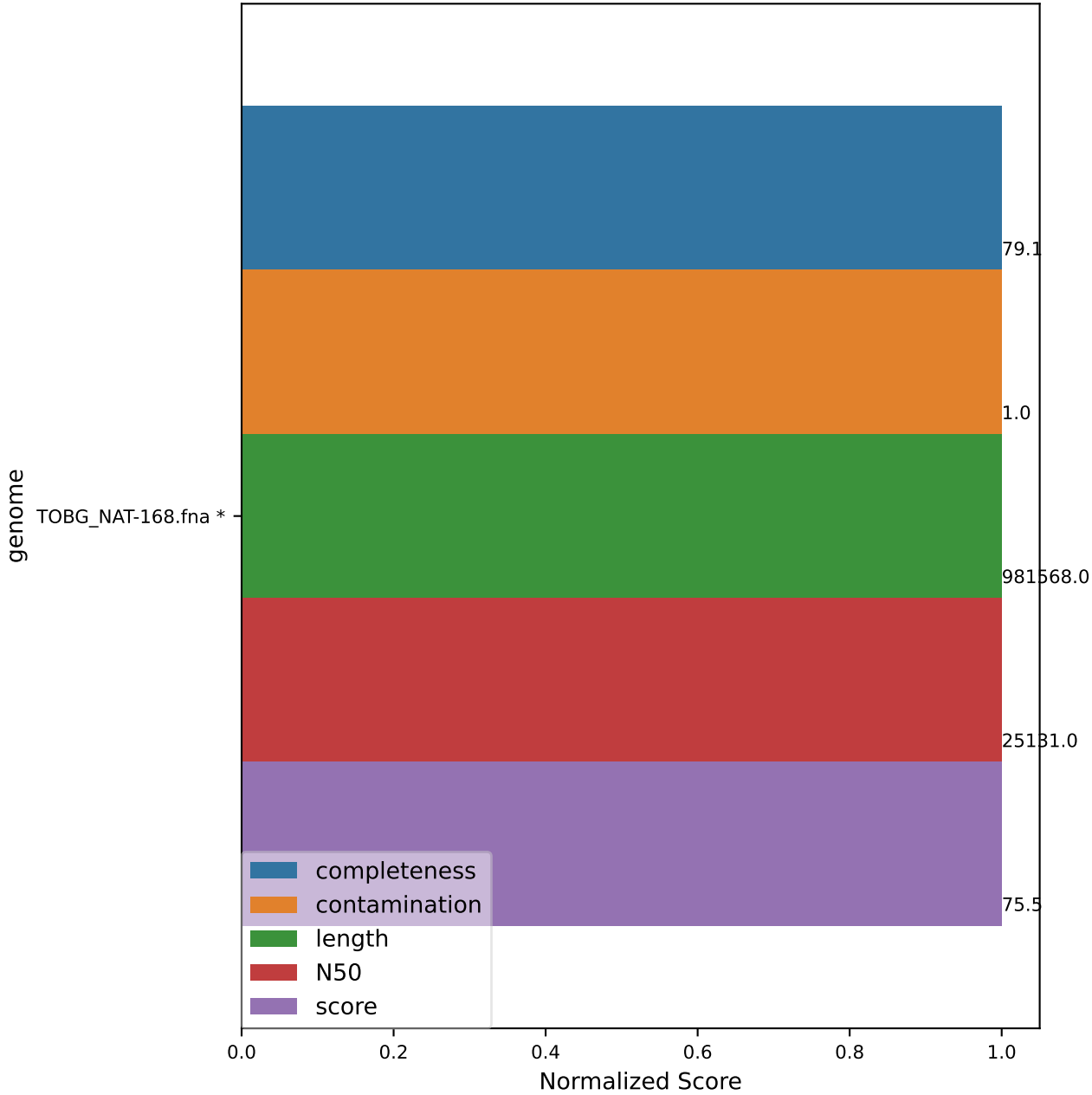
Scoring of cluster 7\_0

genome

TOBG\_SAT-1449.fna \*



Scoring of cluster 8\_0

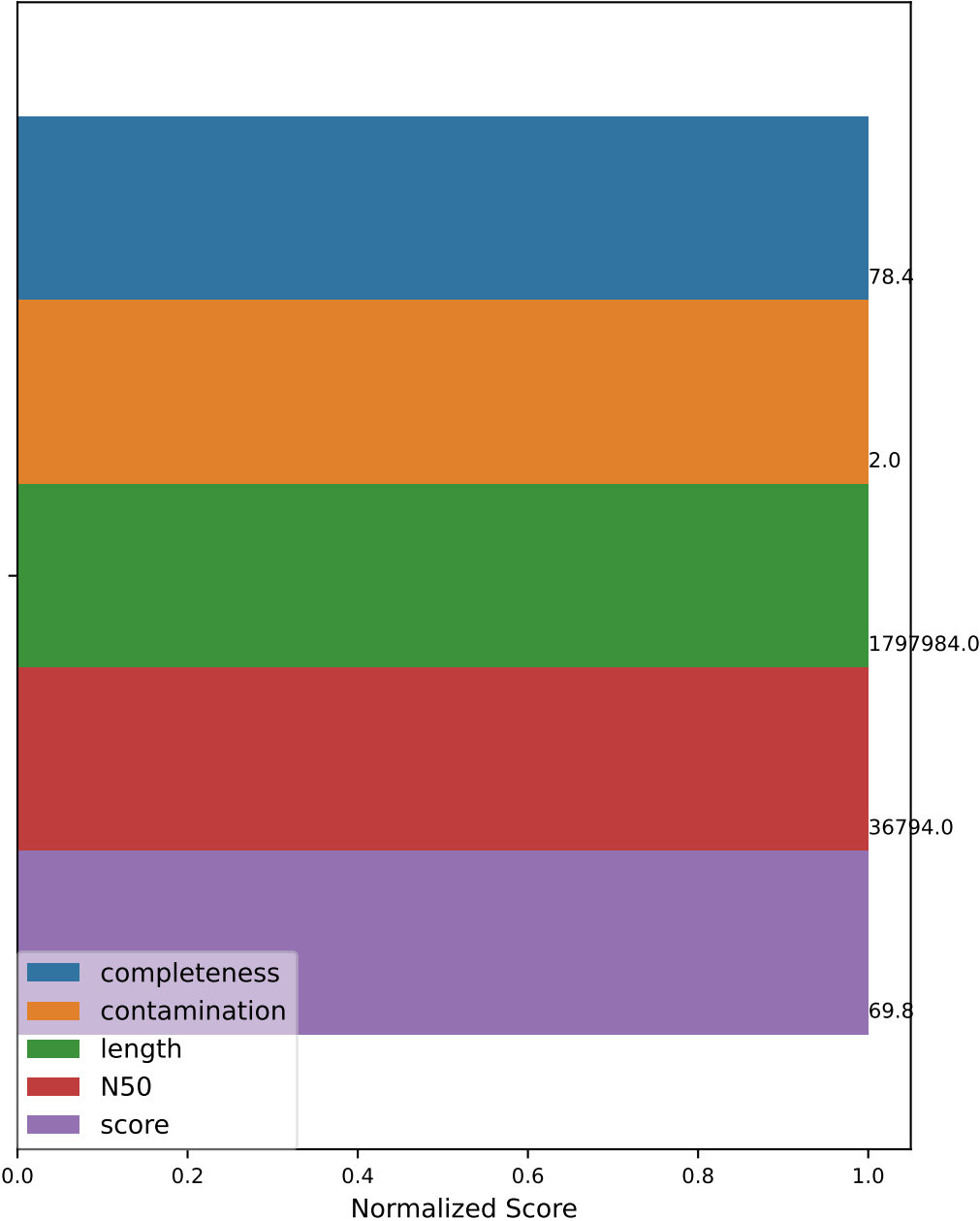




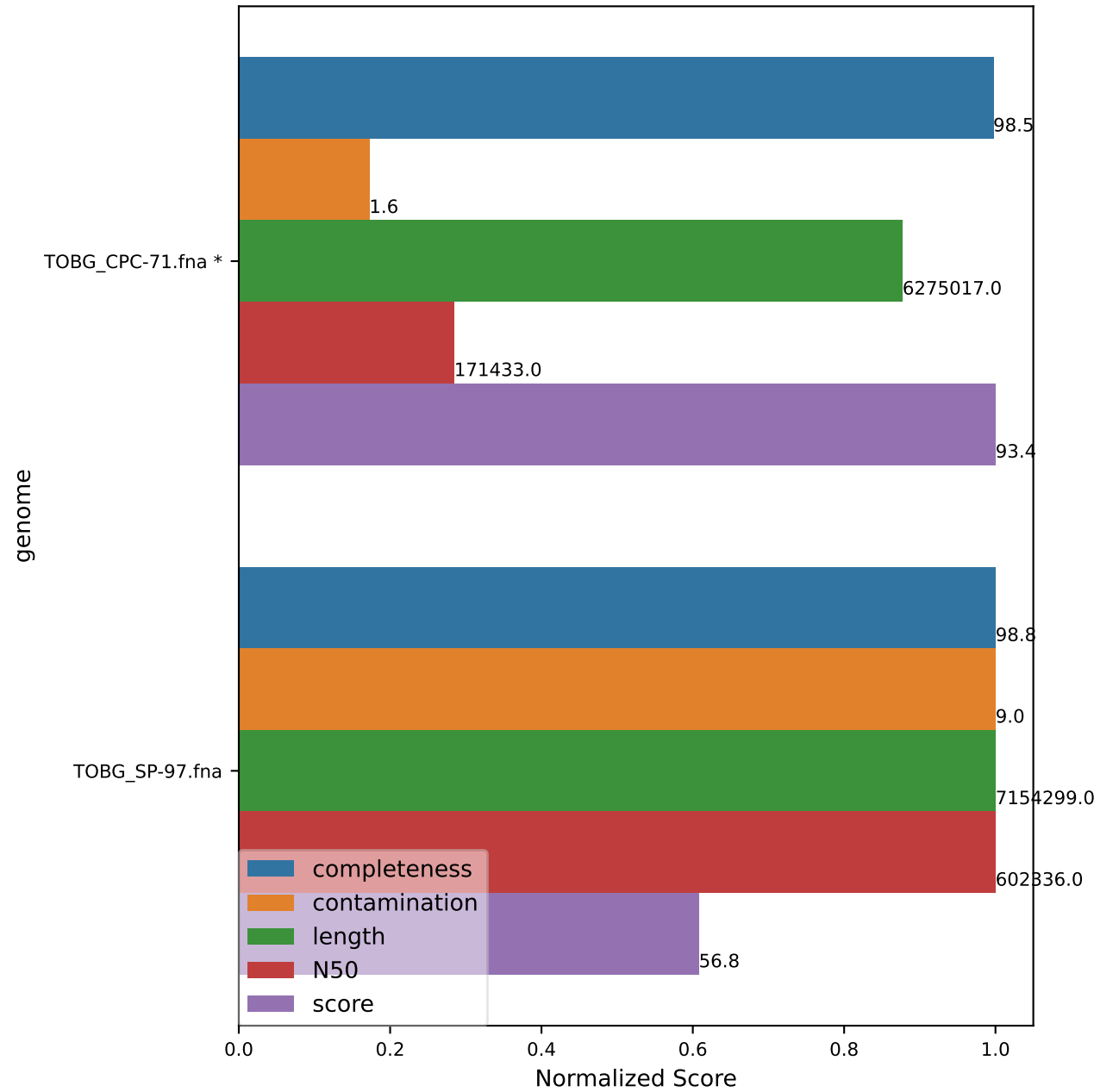
Scoring of cluster 9\_0

genome

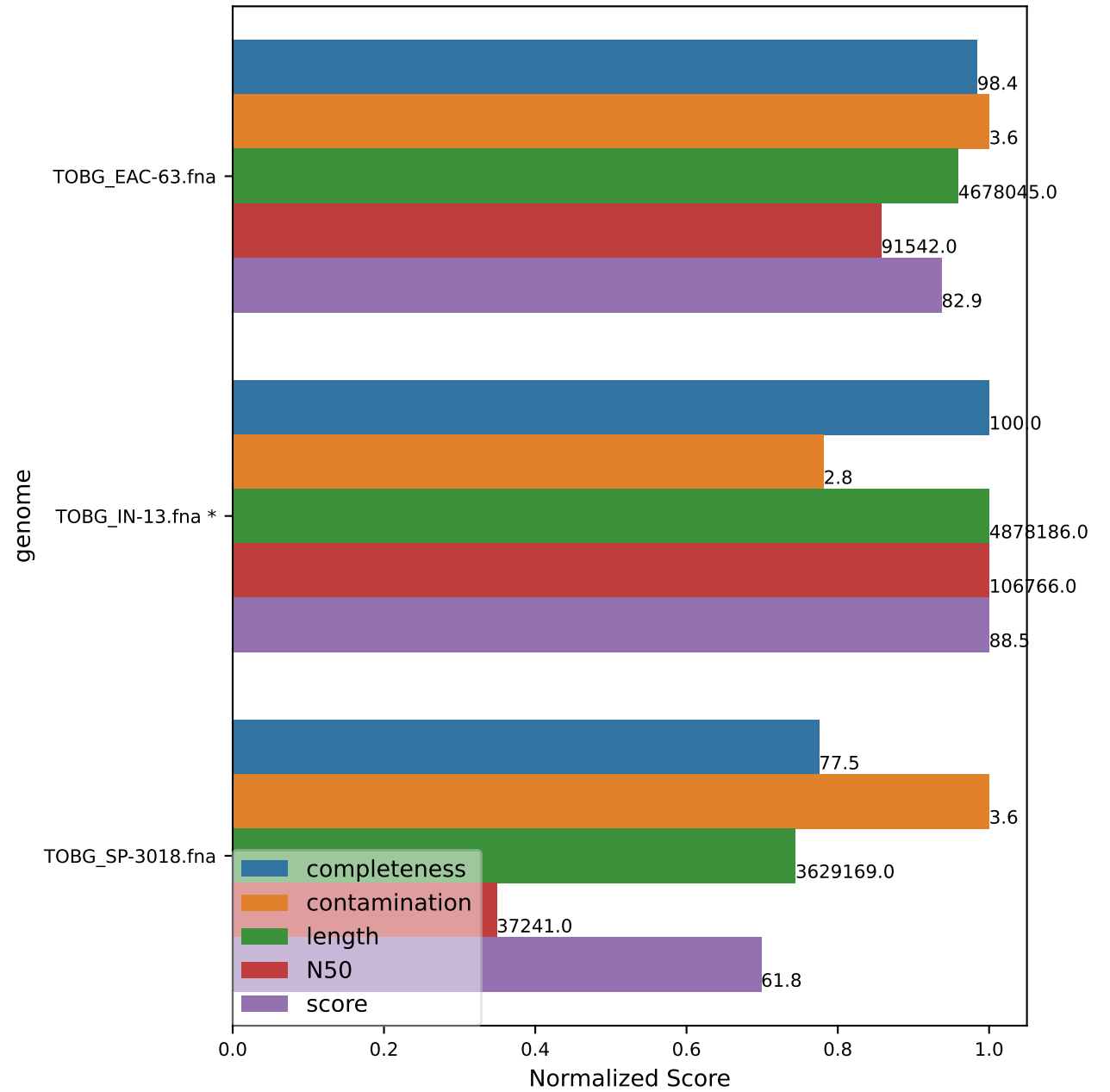
TOBG\_SAT-213.fna \*



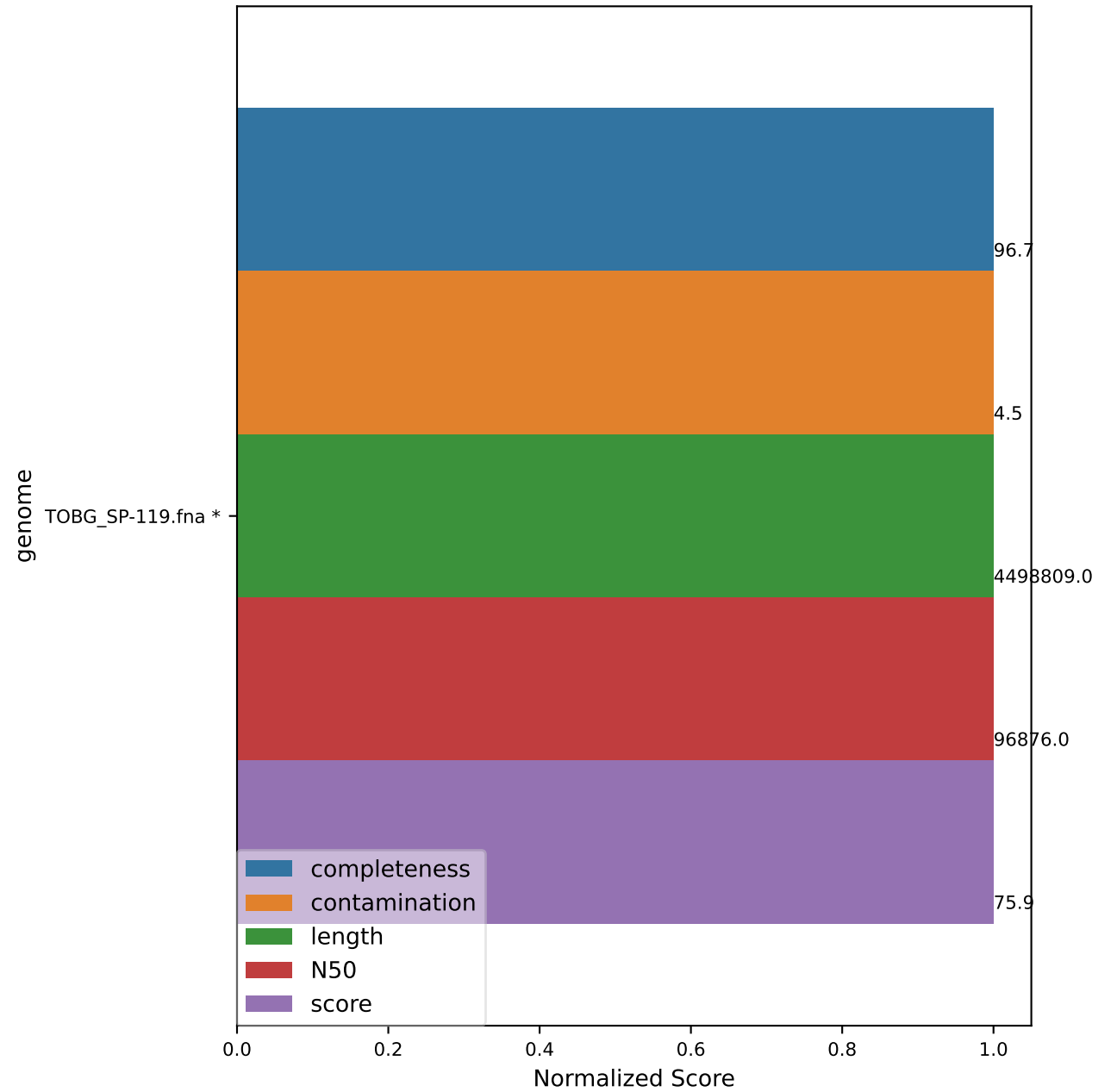
Scoring of cluster 10\_1



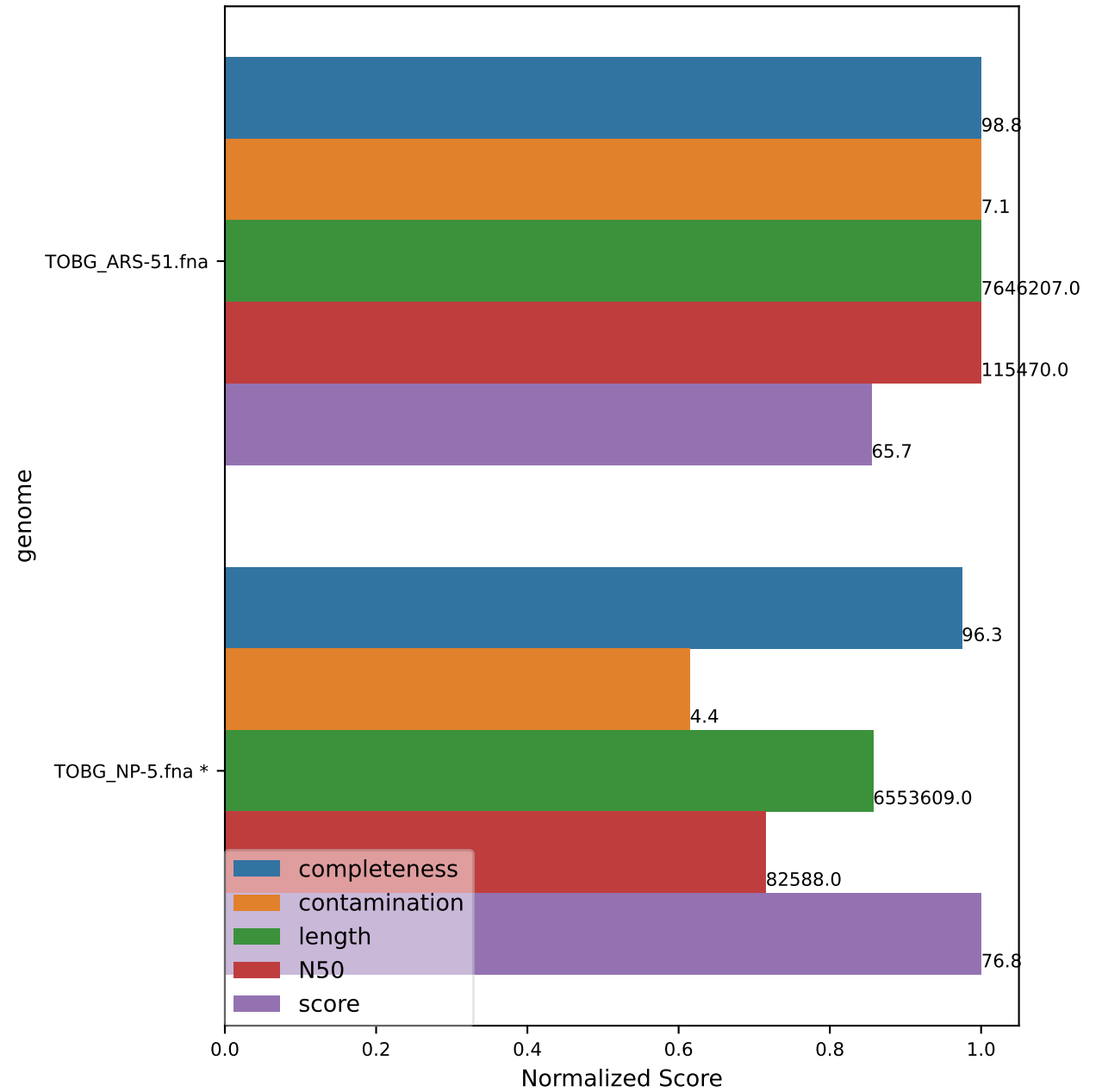
Scoring of cluster 11\_1



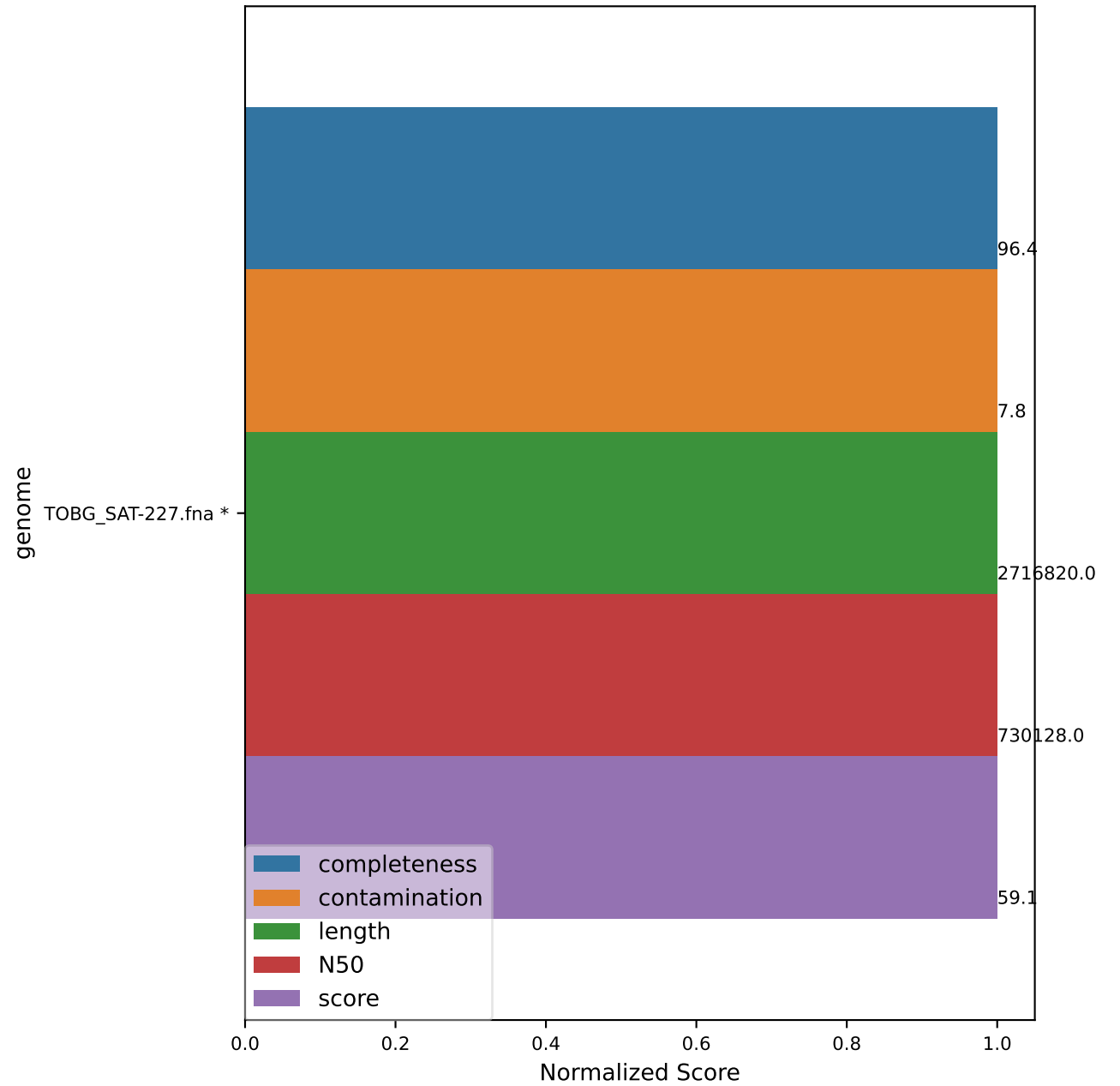
Scoring of cluster 12\_0



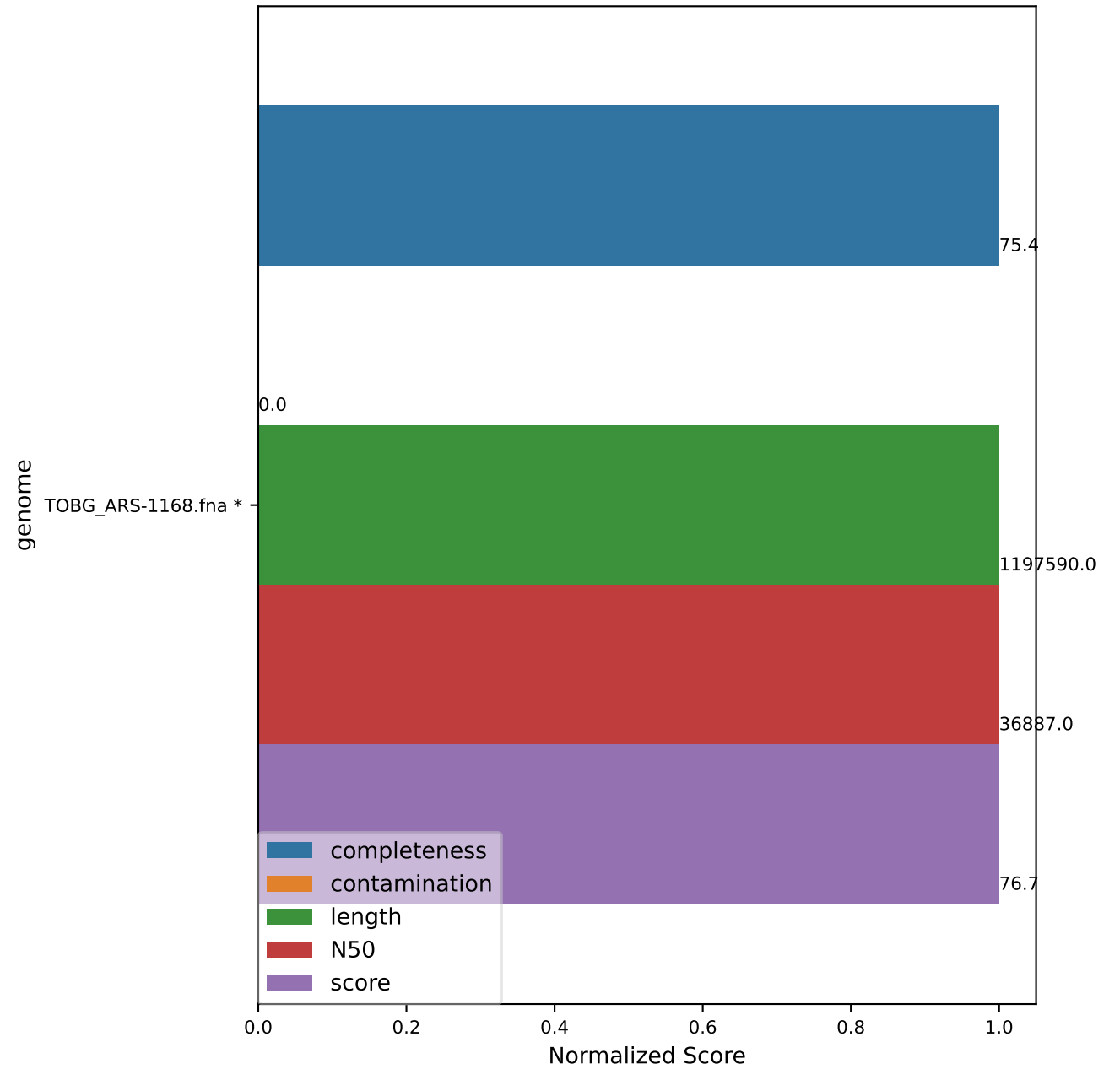
Scoring of cluster 13\_1



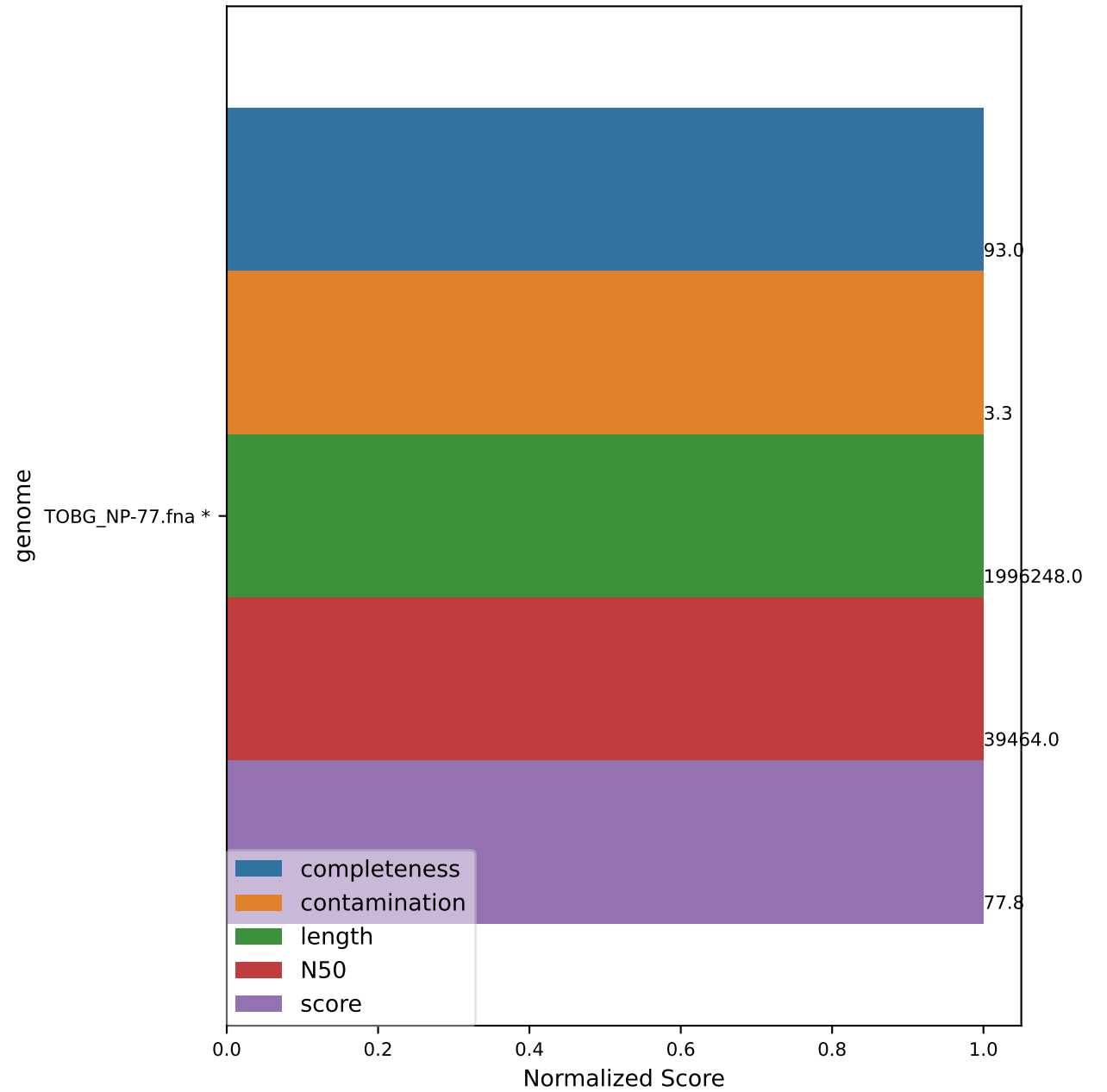
Scoring of cluster 14\_0



Scoring of cluster 15\_0

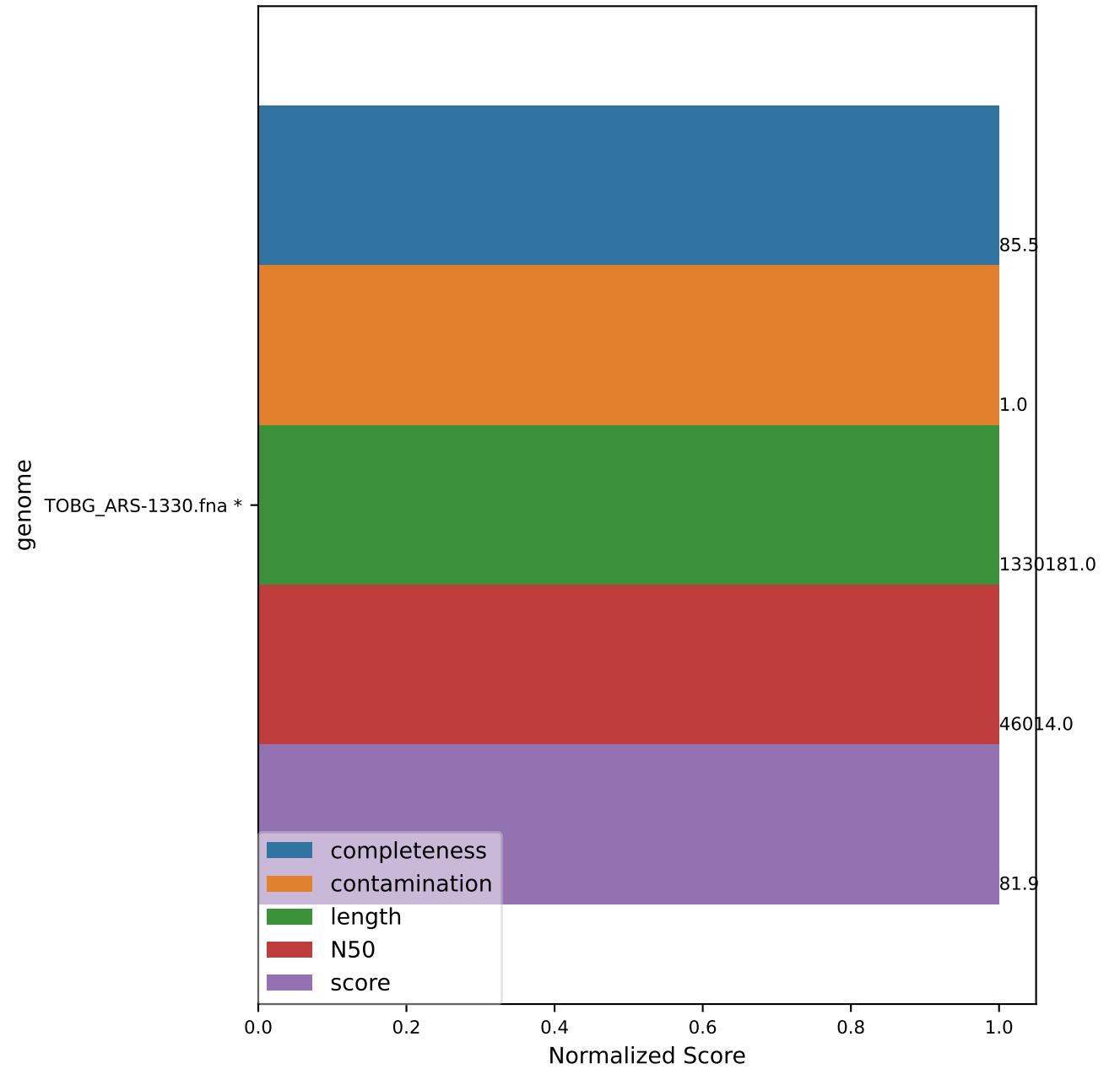


Scoring of cluster 16\_0

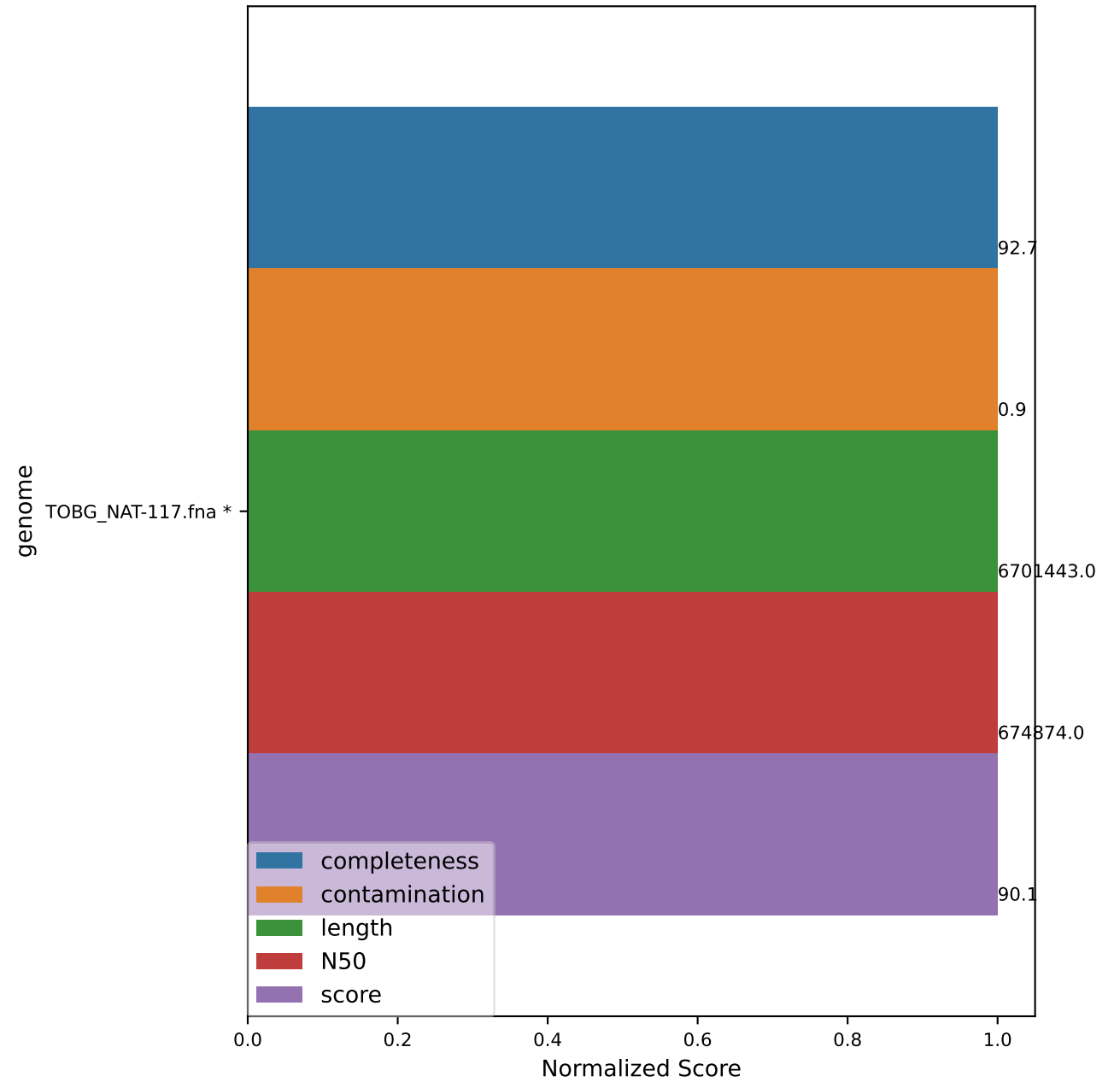




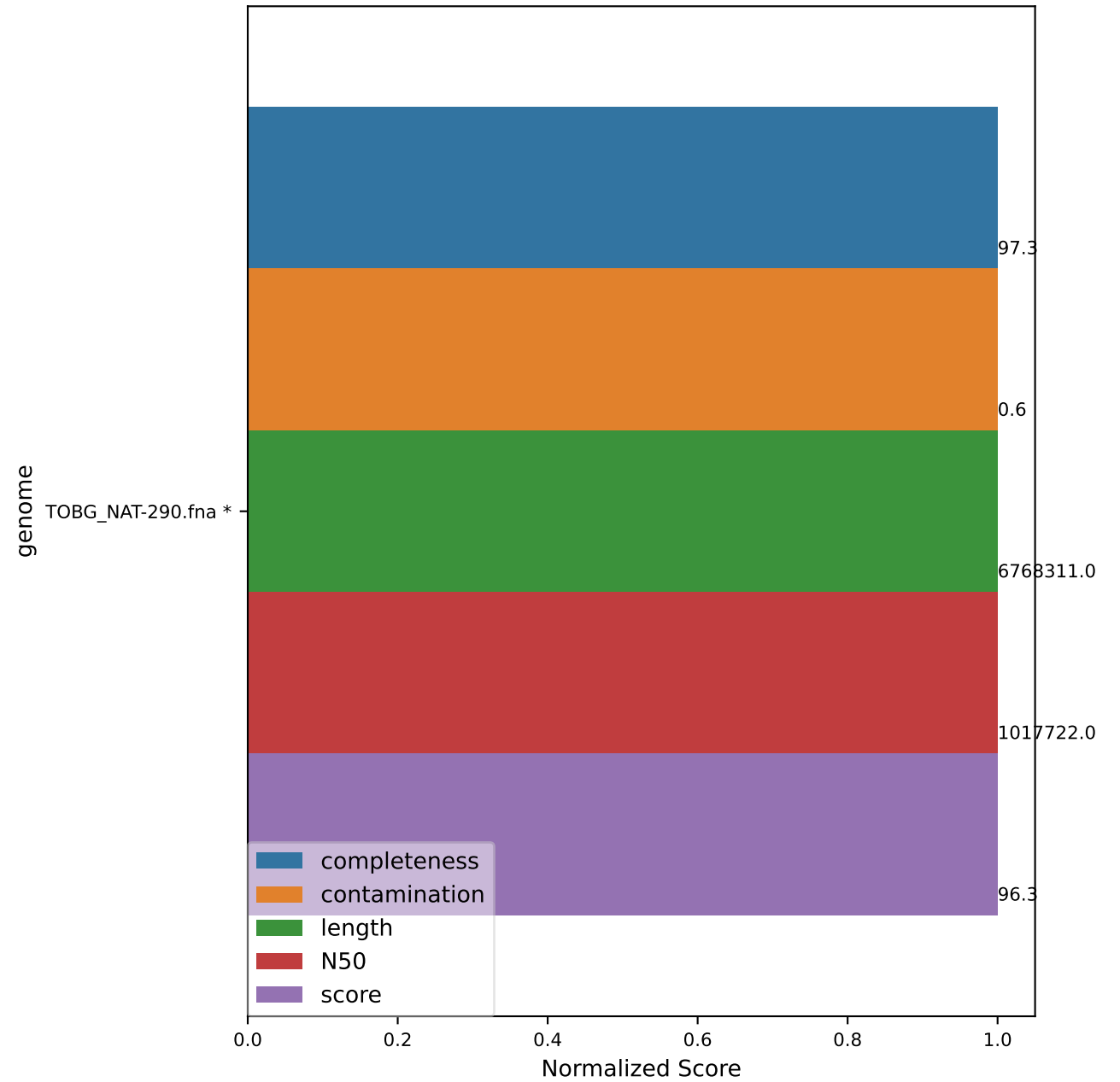
Scoring of cluster 17\_0



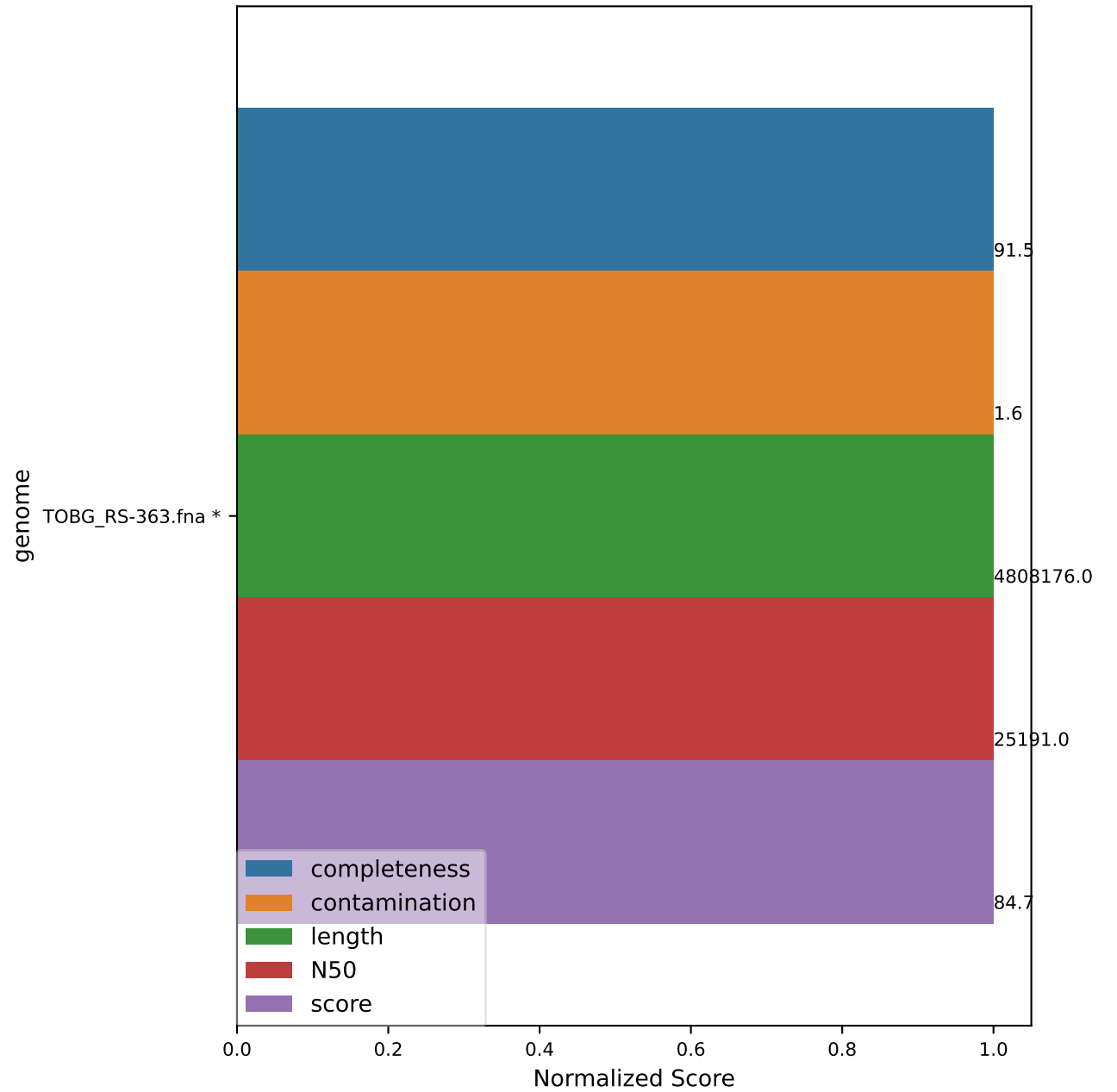
Scoring of cluster 18\_0



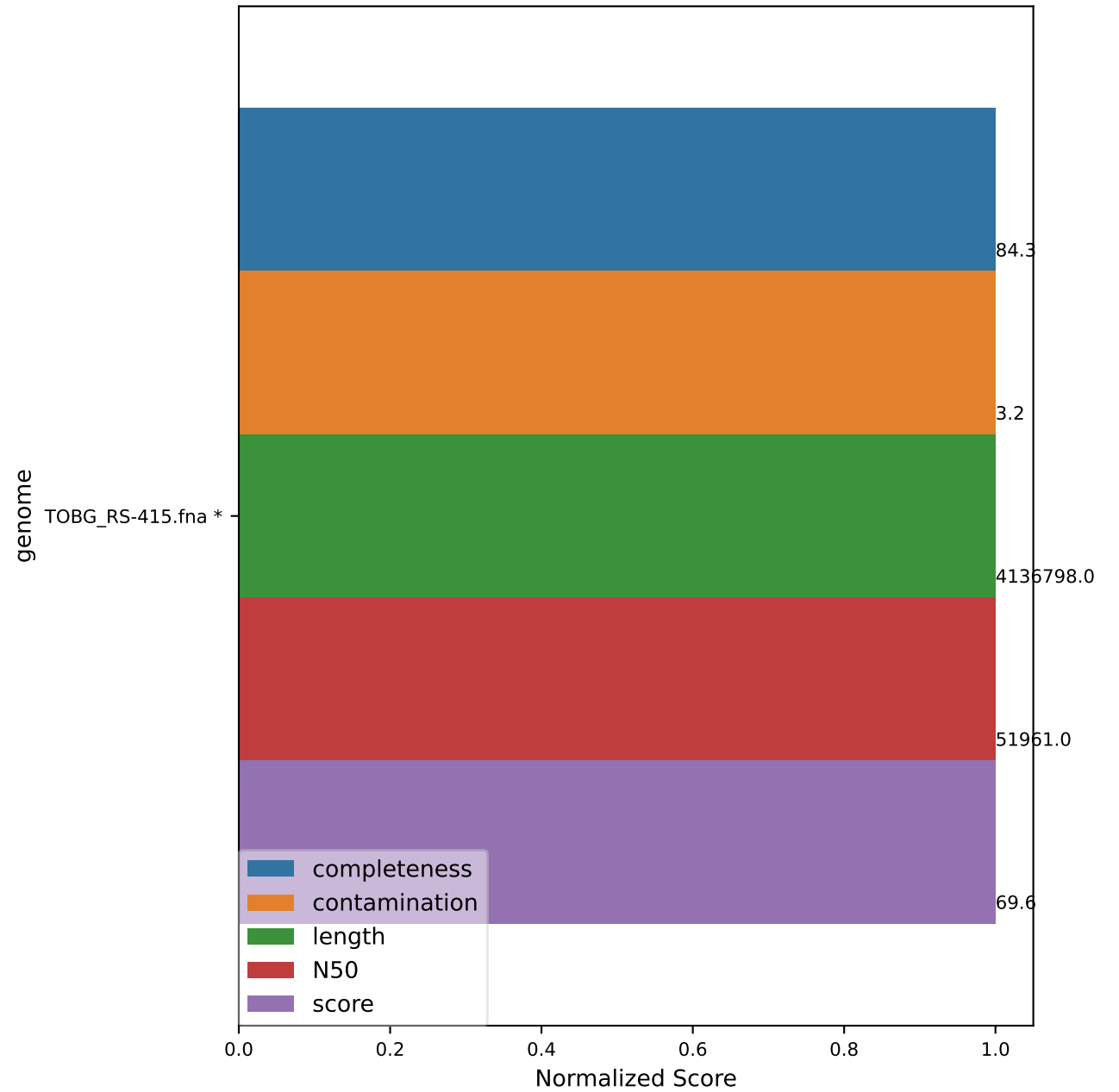
Scoring of cluster 19\_0



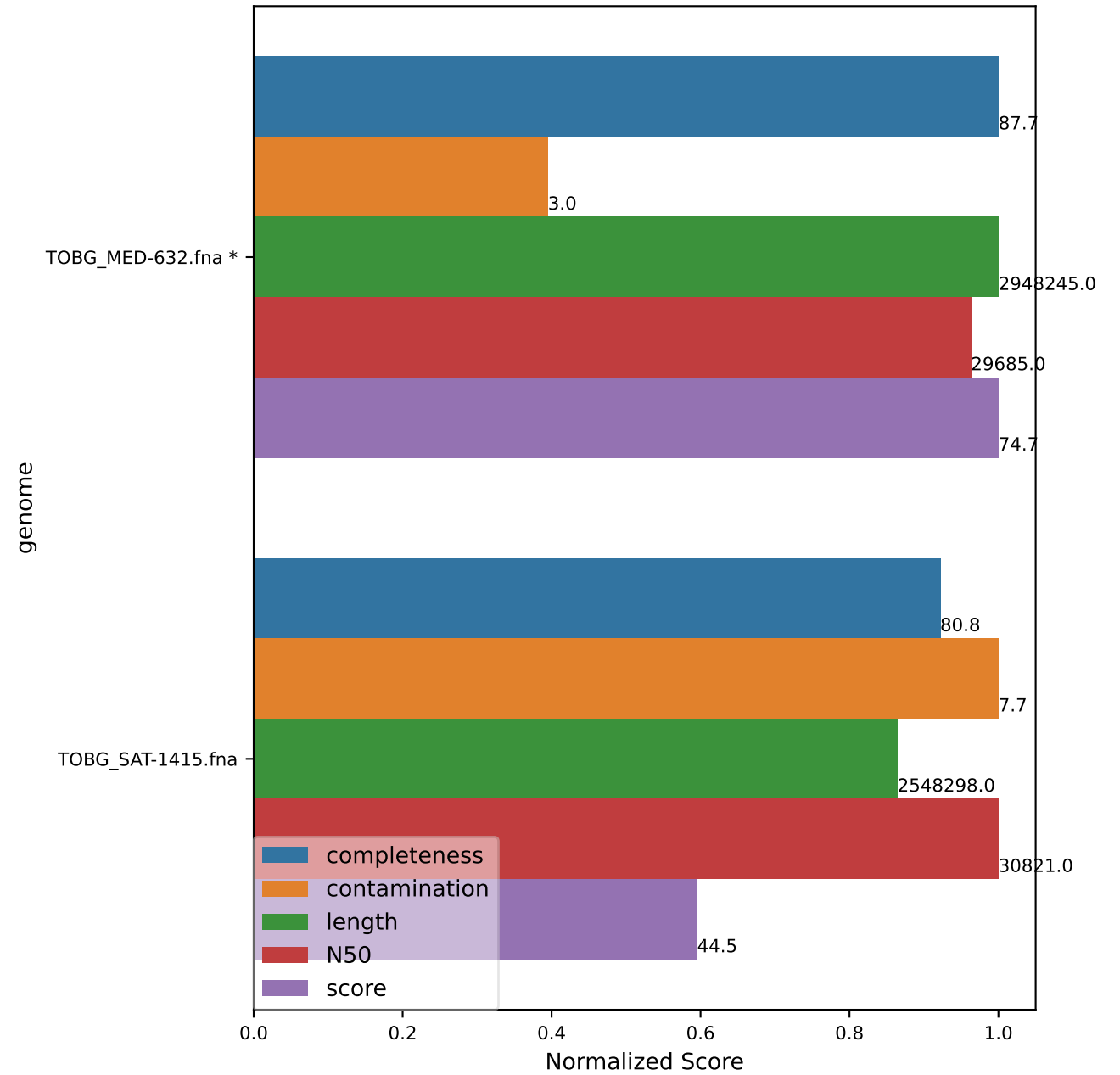
Scoring of cluster 20\_0



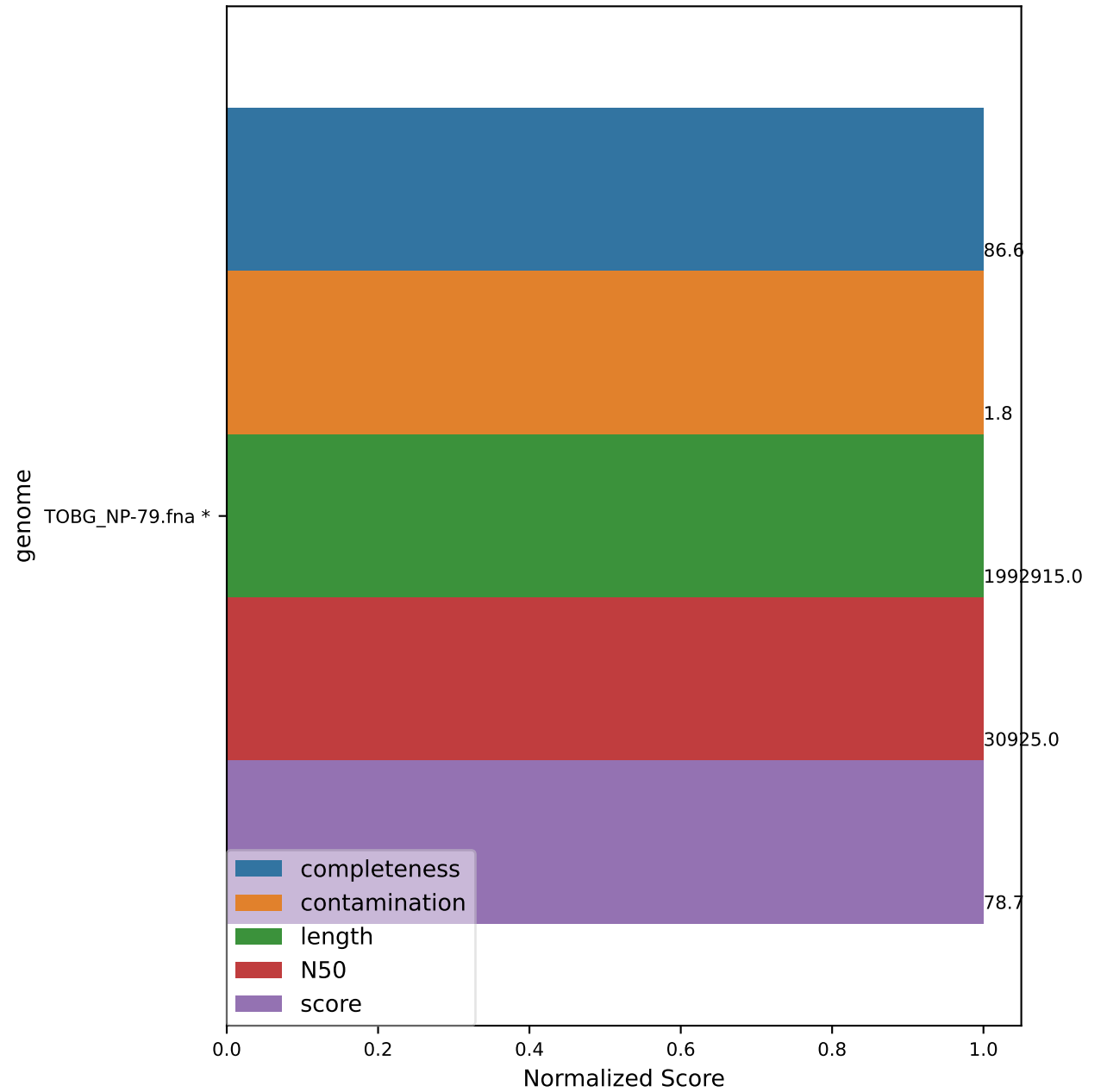
Scoring of cluster 21\_0



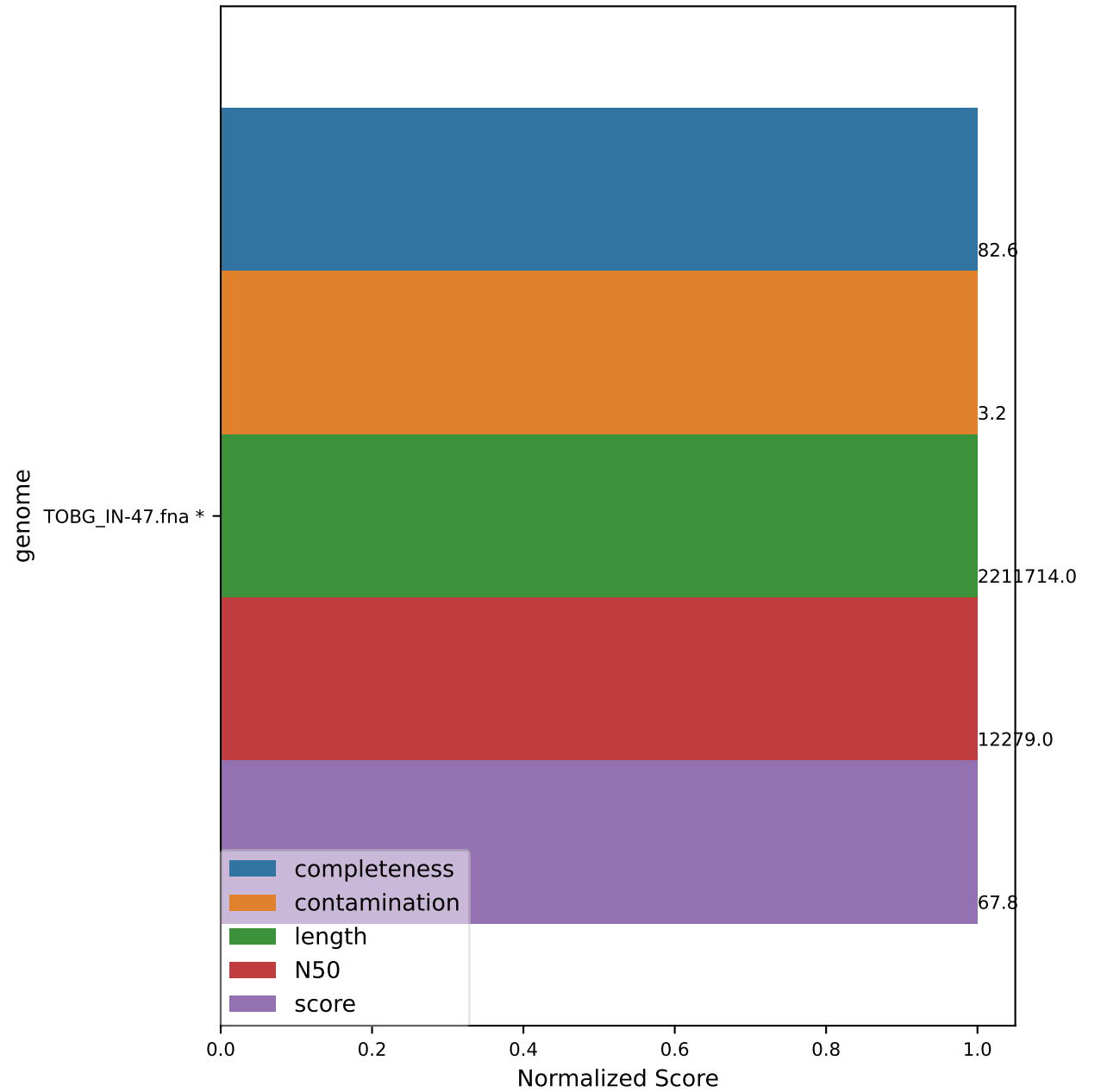
Scoring of cluster 22\_1



Scoring of cluster 23\_0

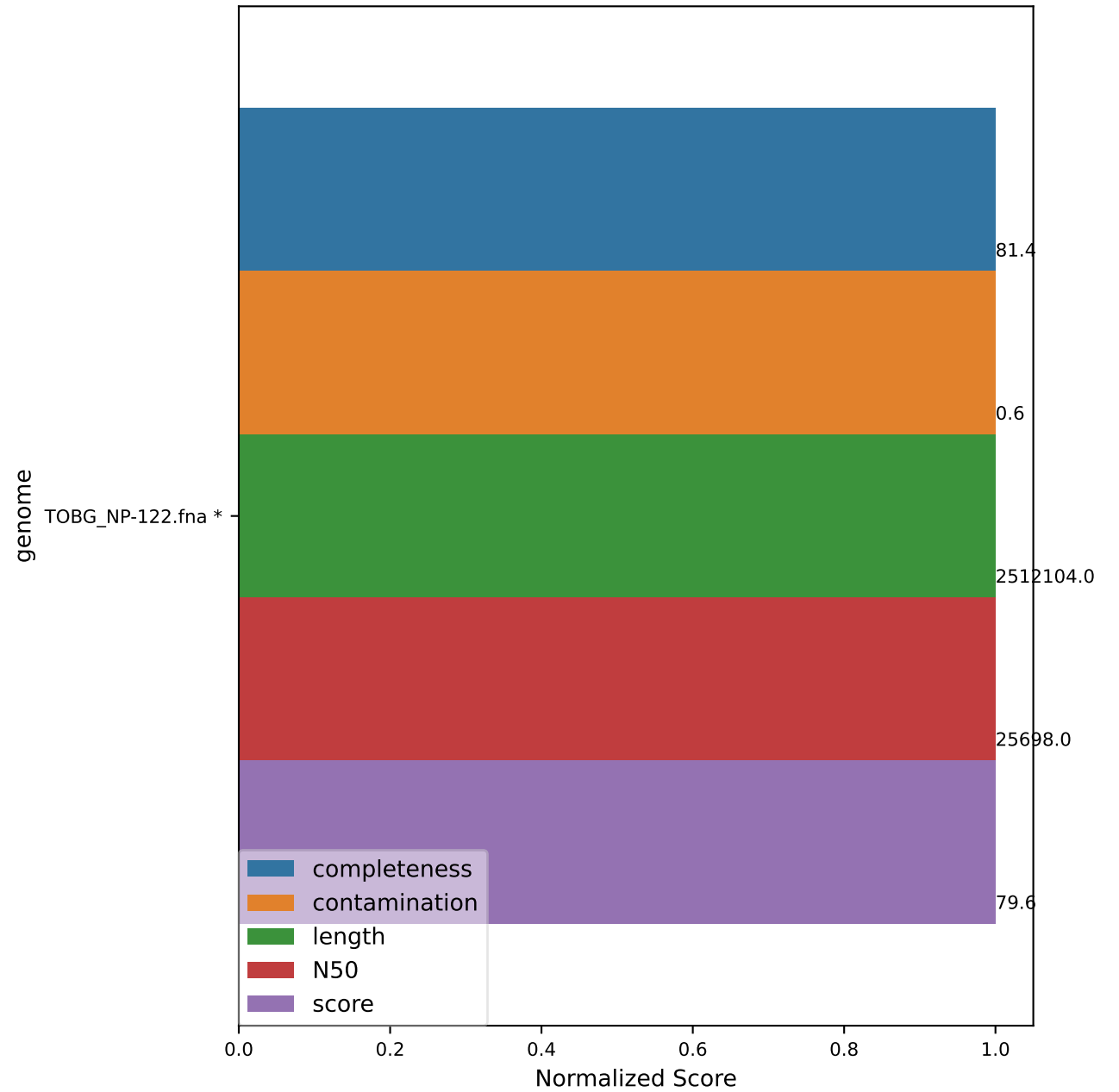


Scoring of cluster 24\_0

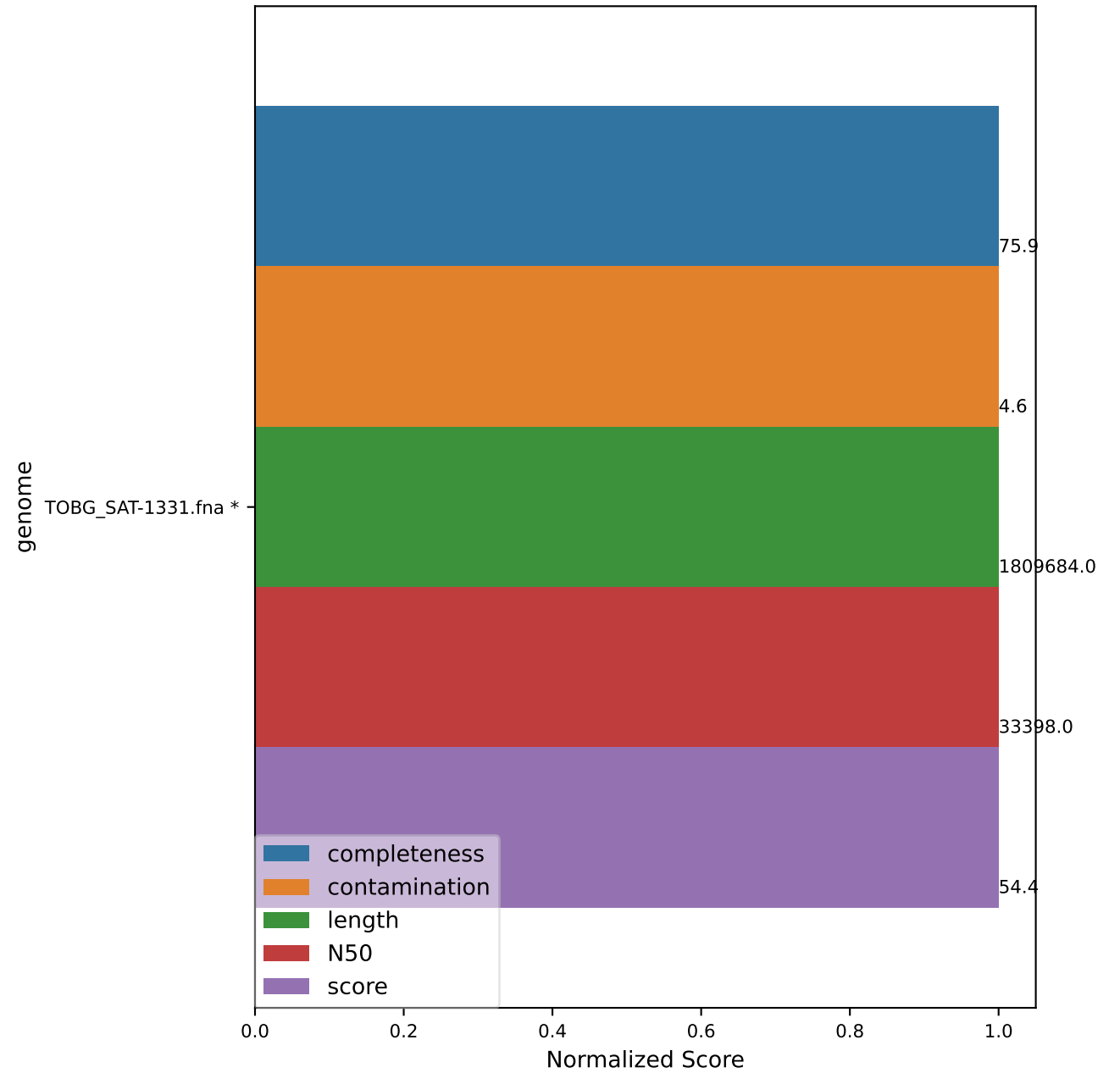




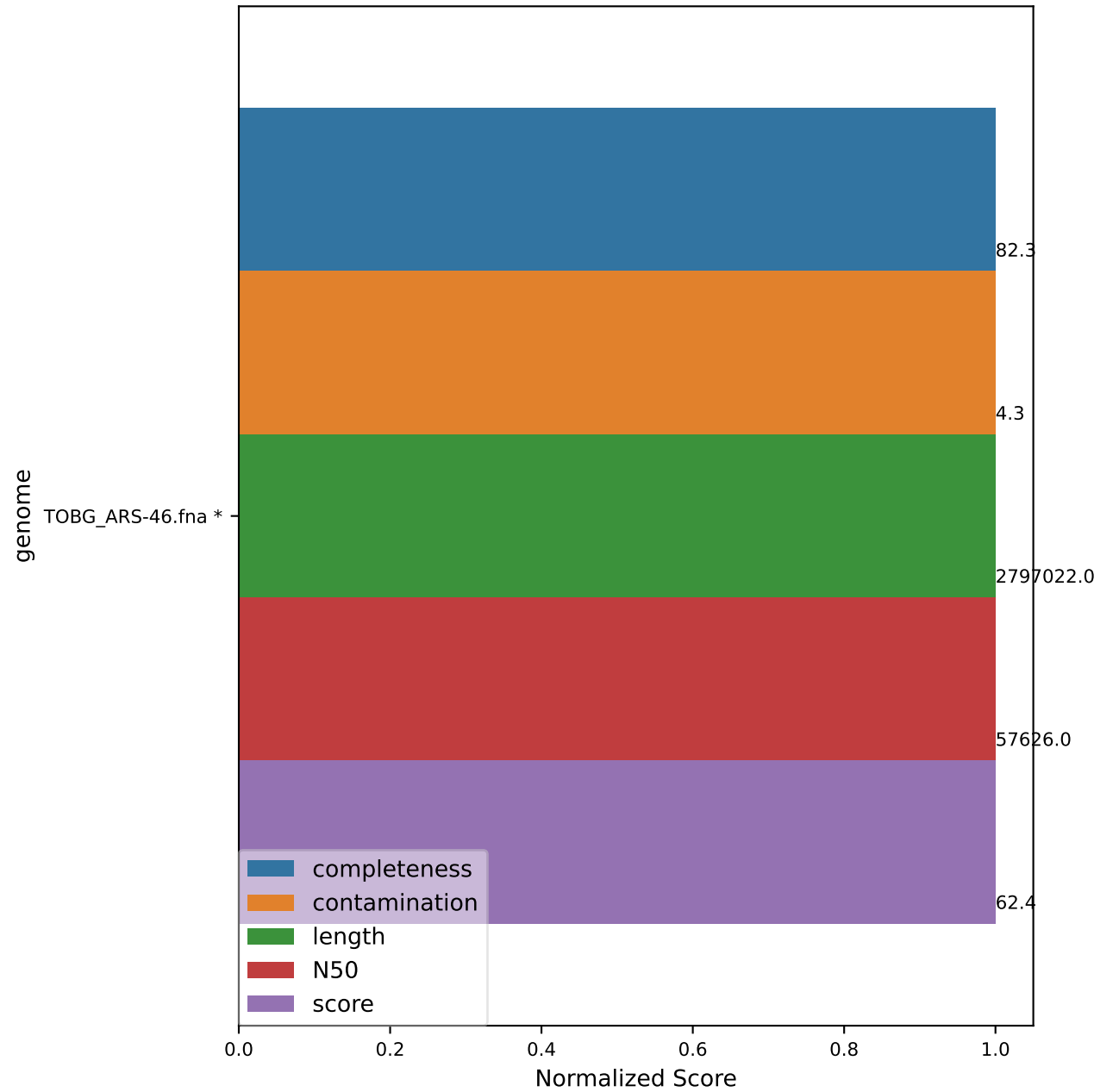
Scoring of cluster 25\_0



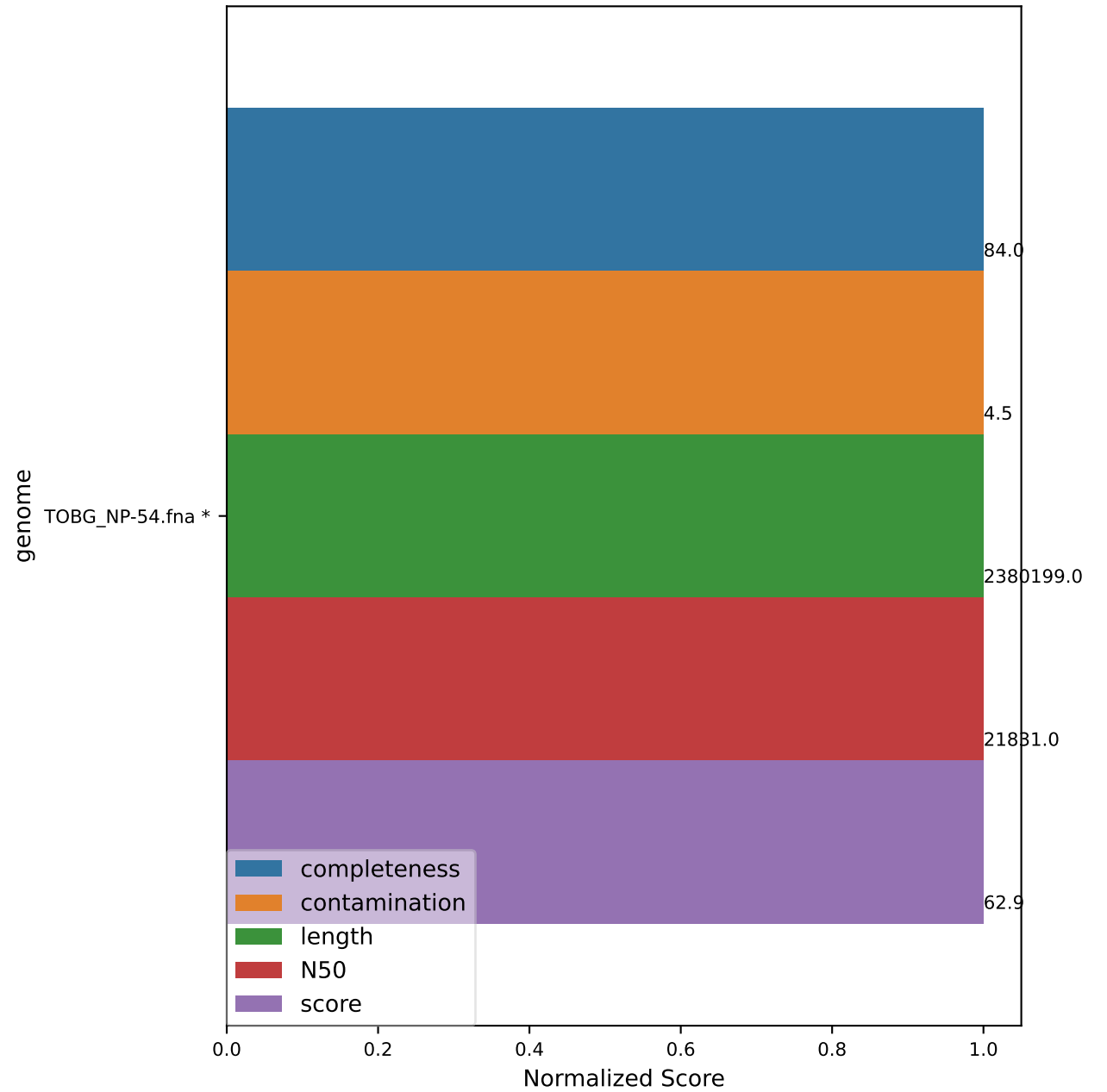
Scoring of cluster 26\_0



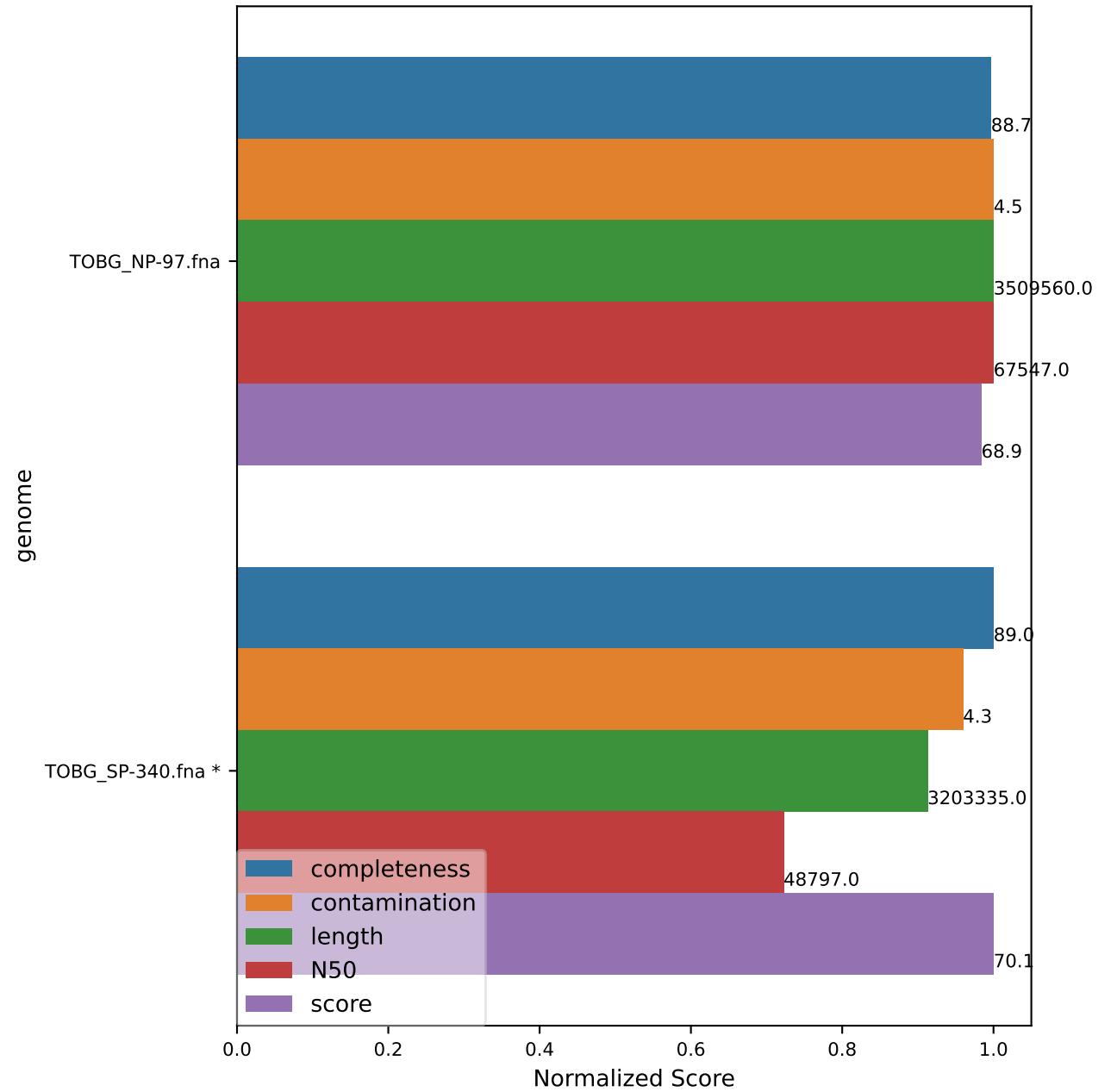
Scoring of cluster 27\_0



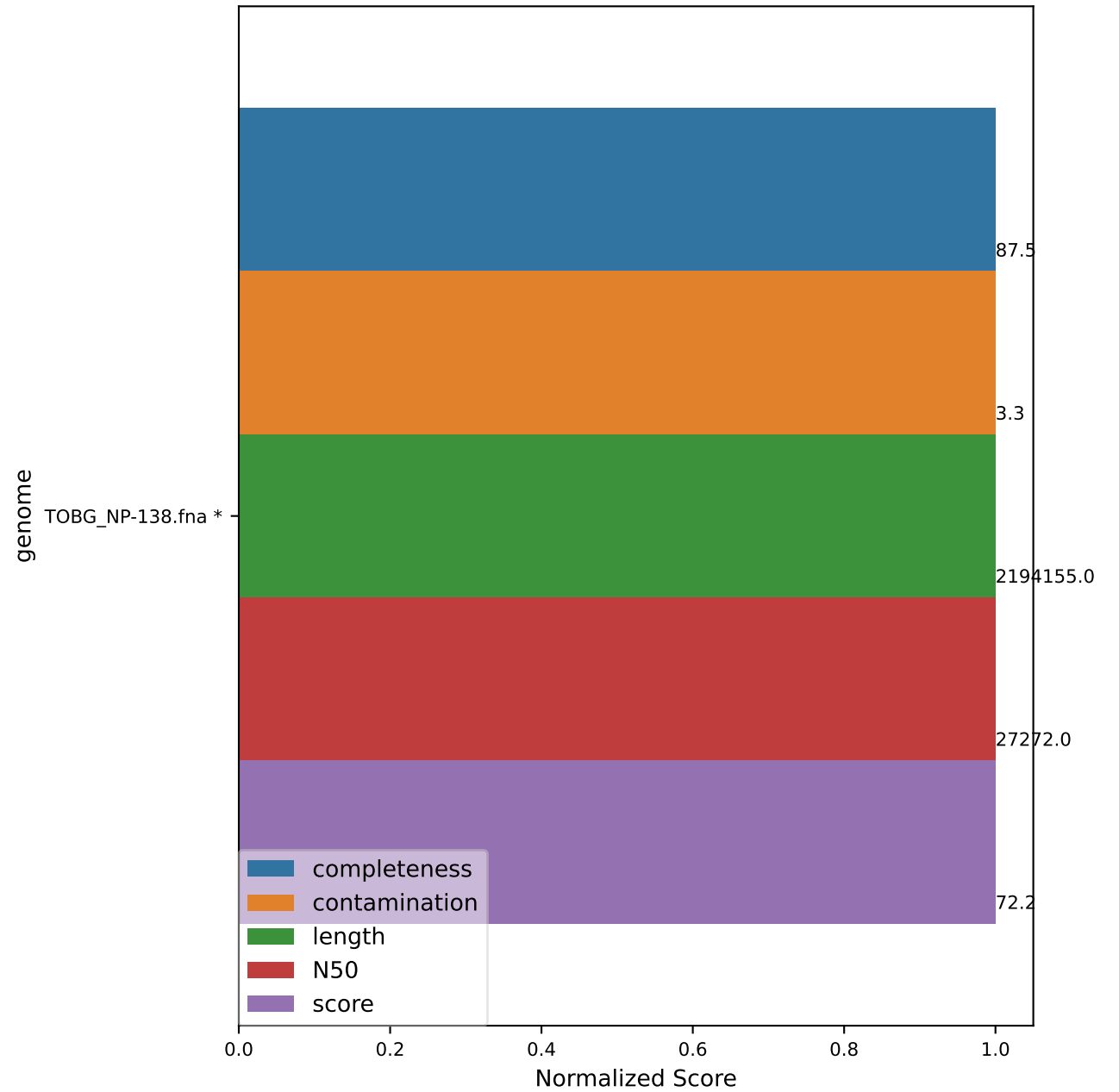
Scoring of cluster 28\_0



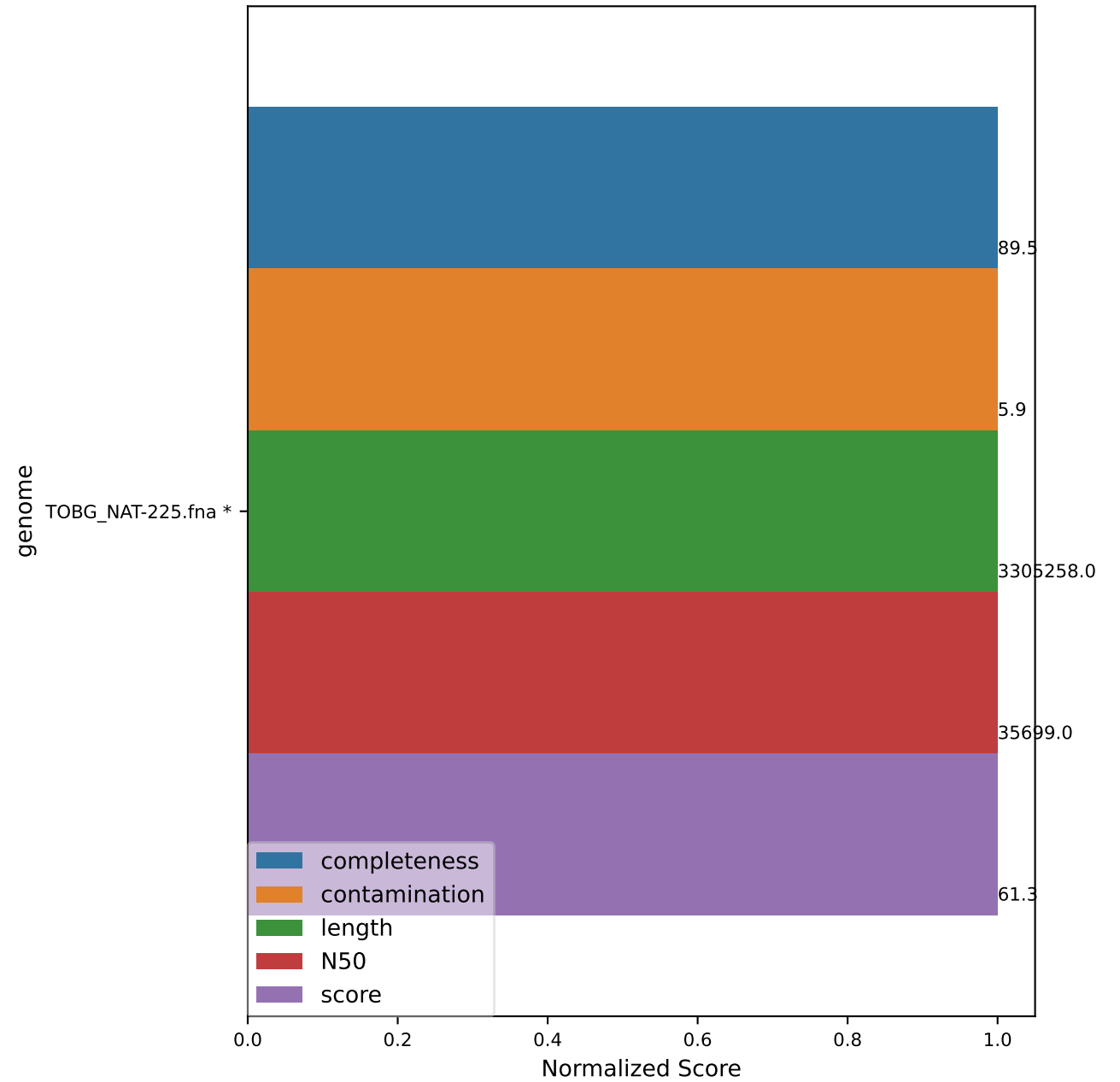
Scoring of cluster 29\_1



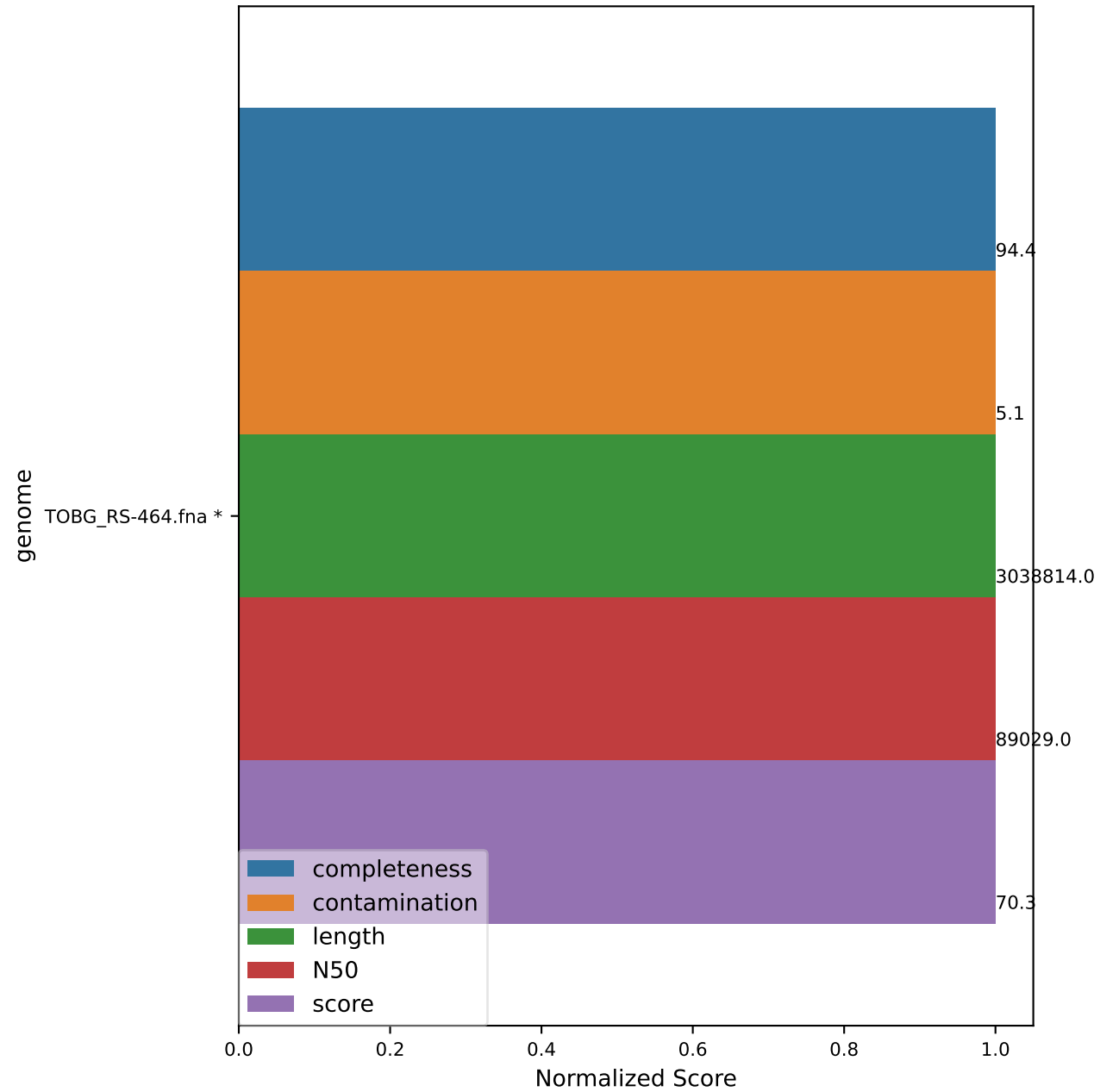
Scoring of cluster 30\_0



Scoring of cluster 31\_0

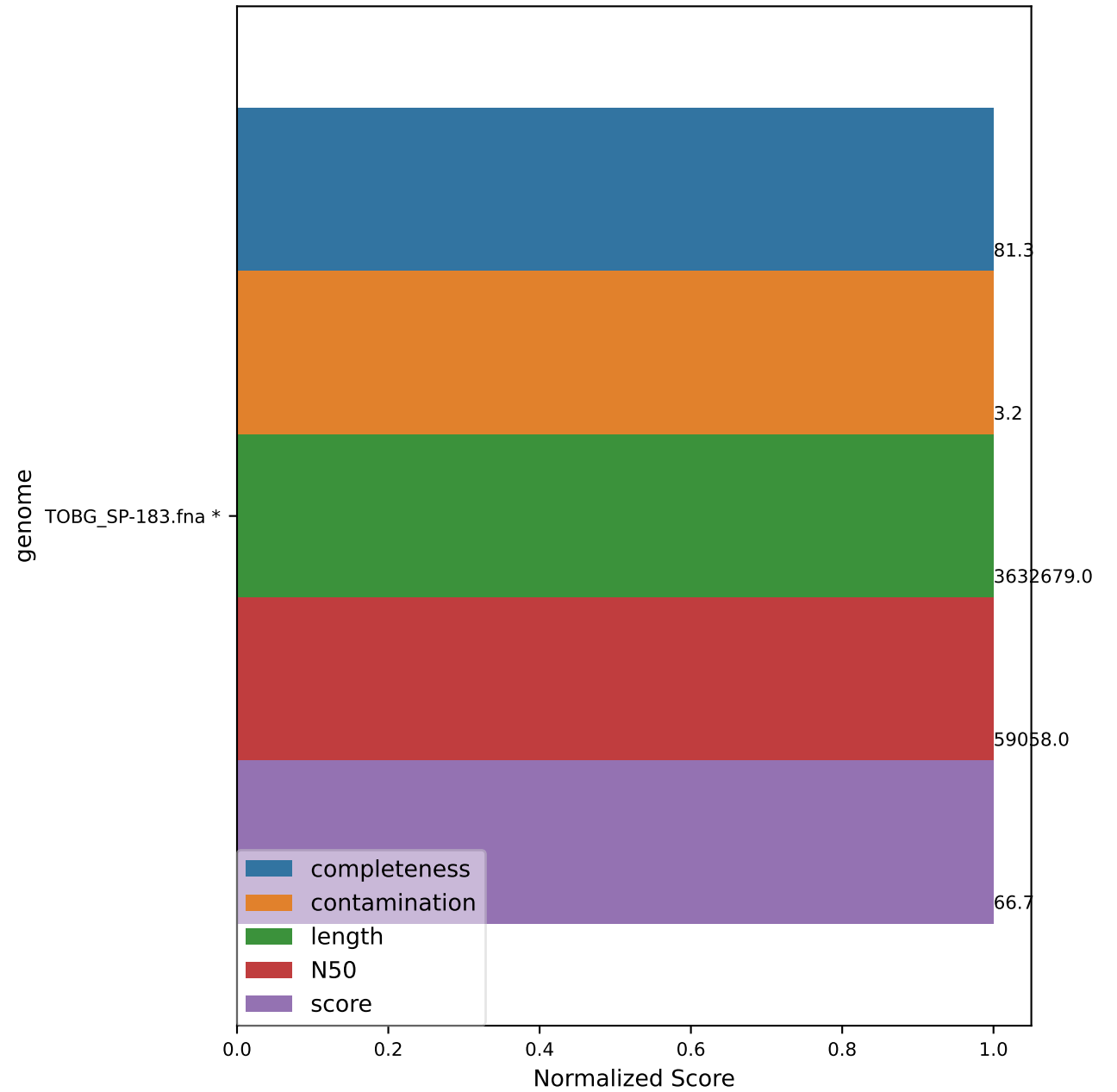


Scoring of cluster 32\_0

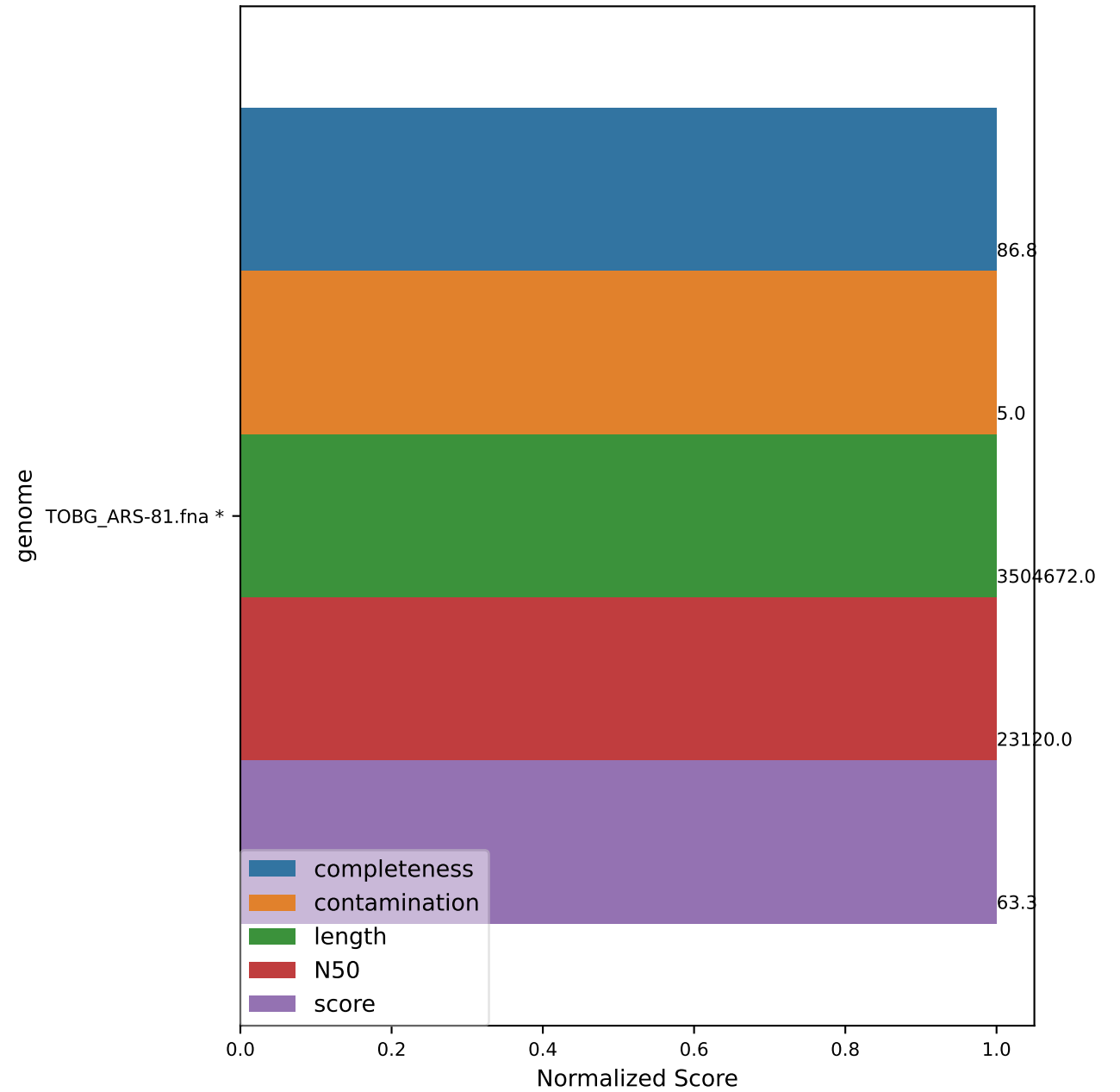




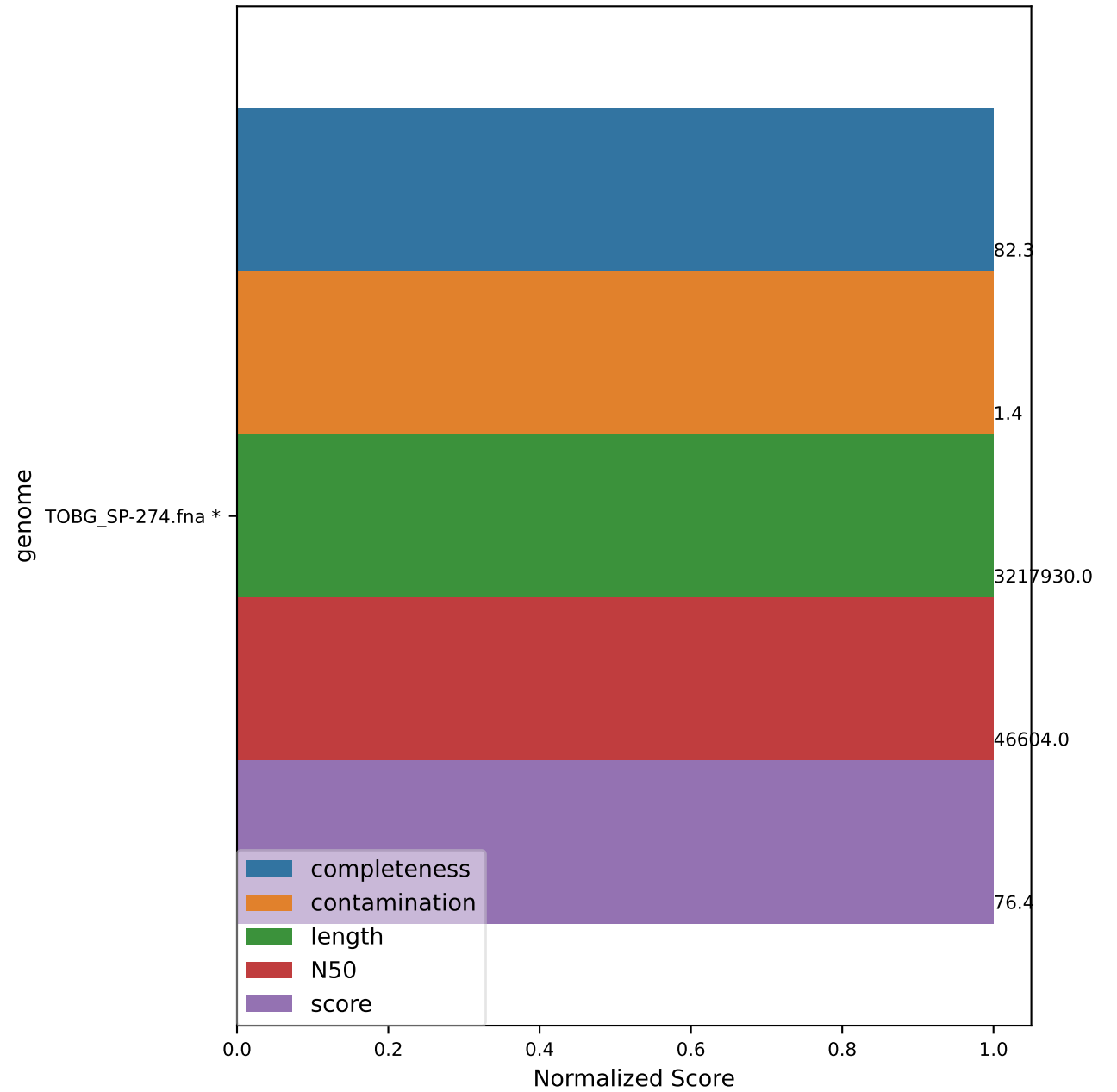
Scoring of cluster 33\_0



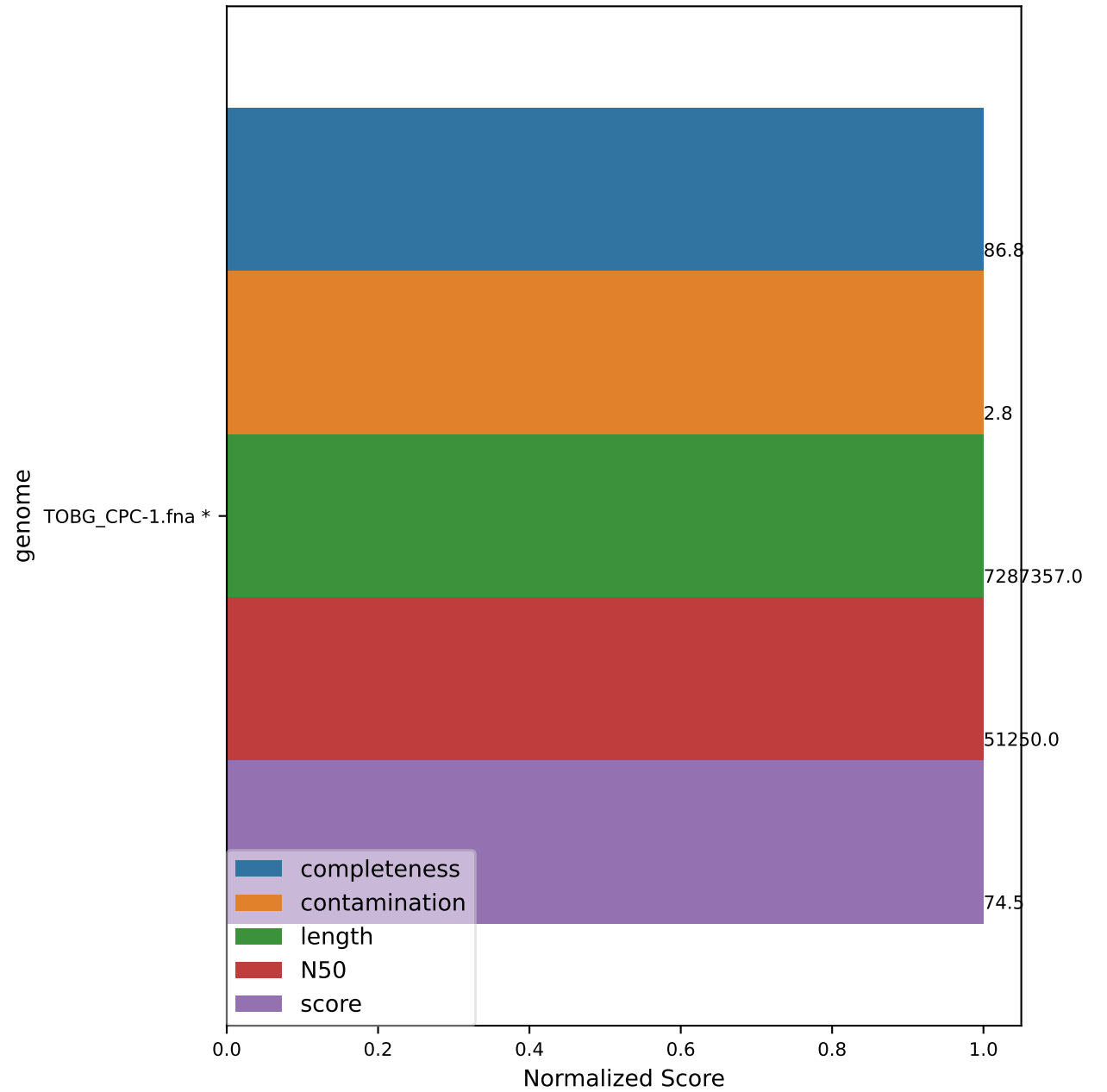
Scoring of cluster 34\_0



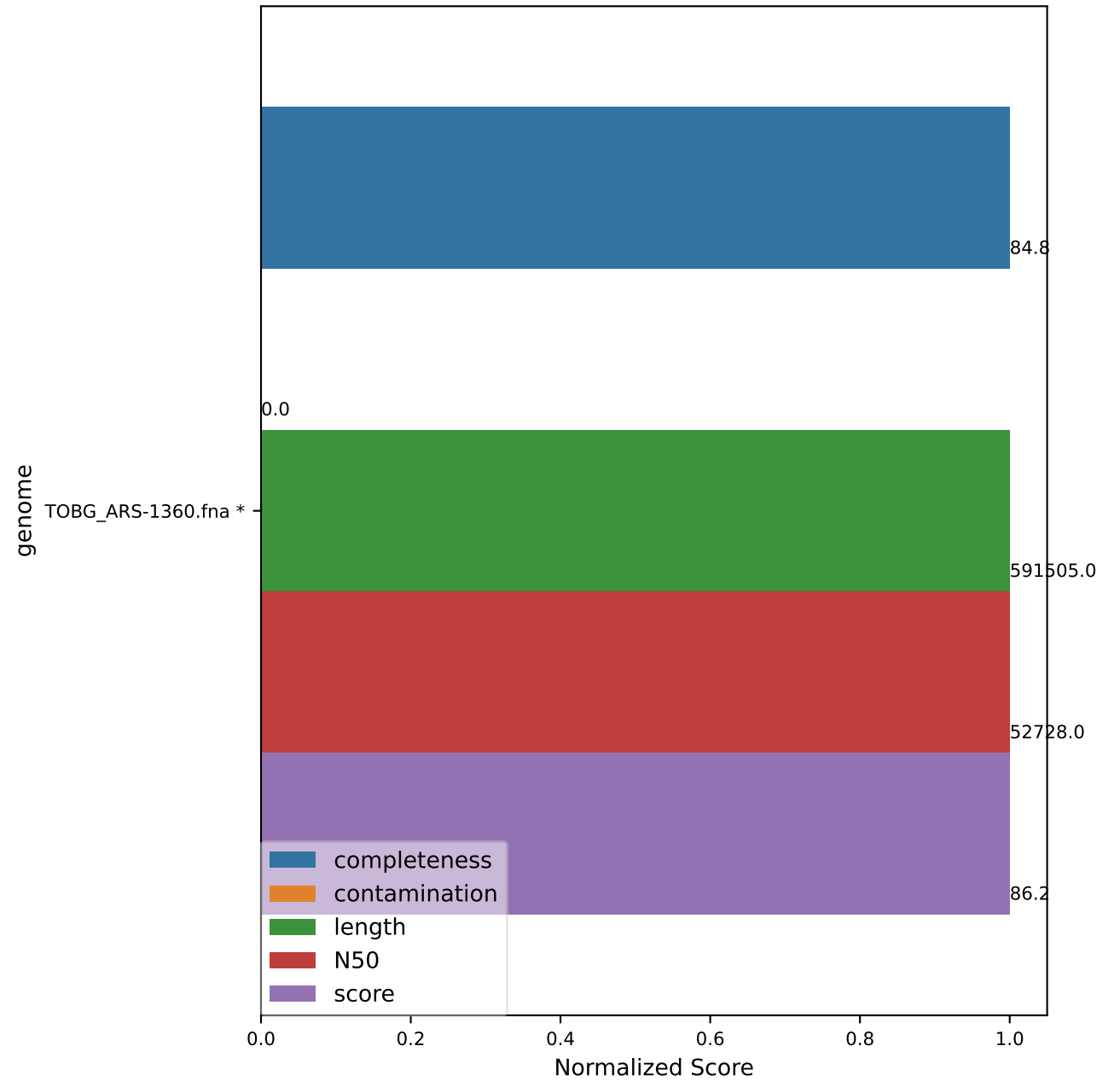
Scoring of cluster 35\_0



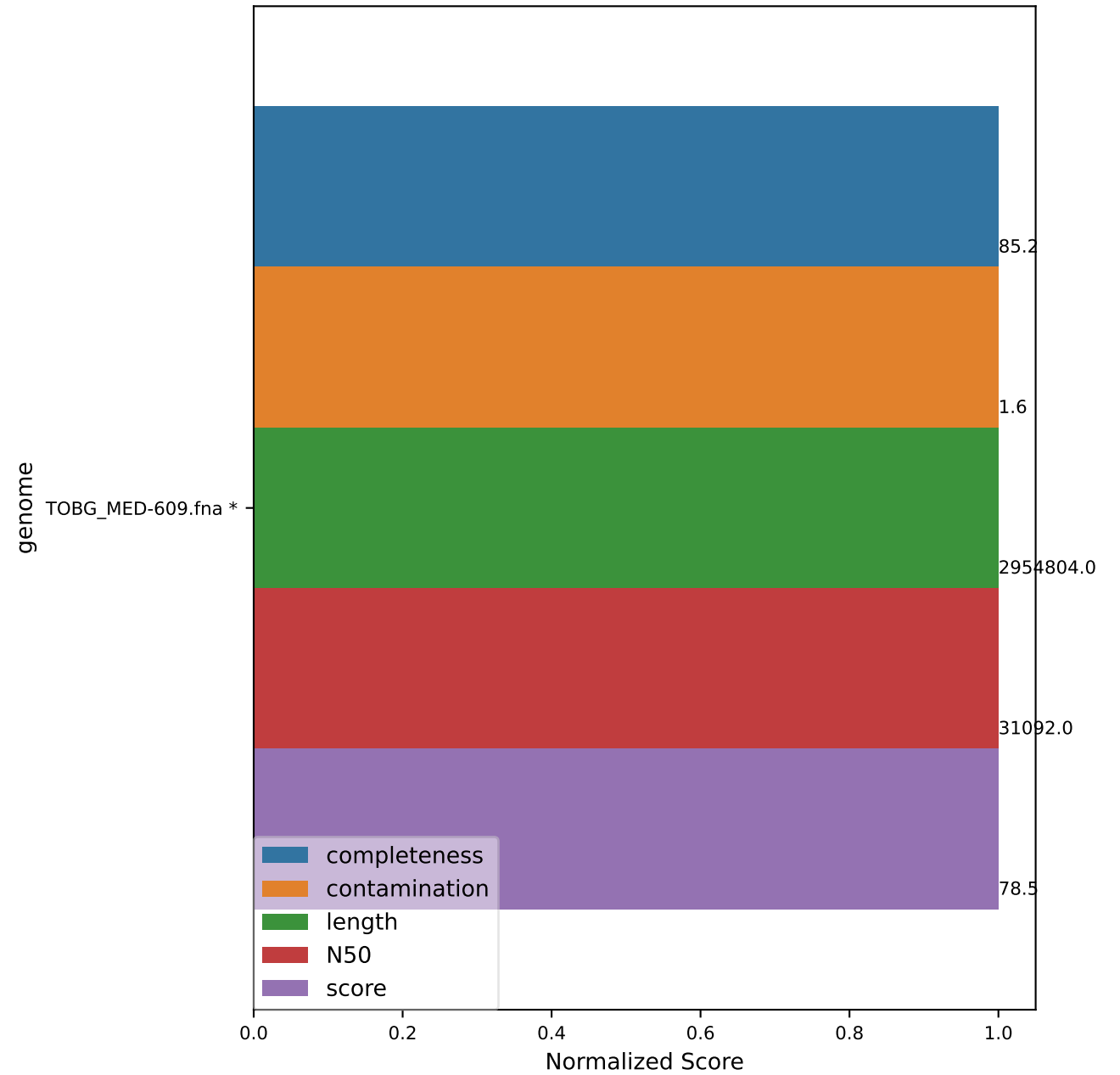
Scoring of cluster 36\_0



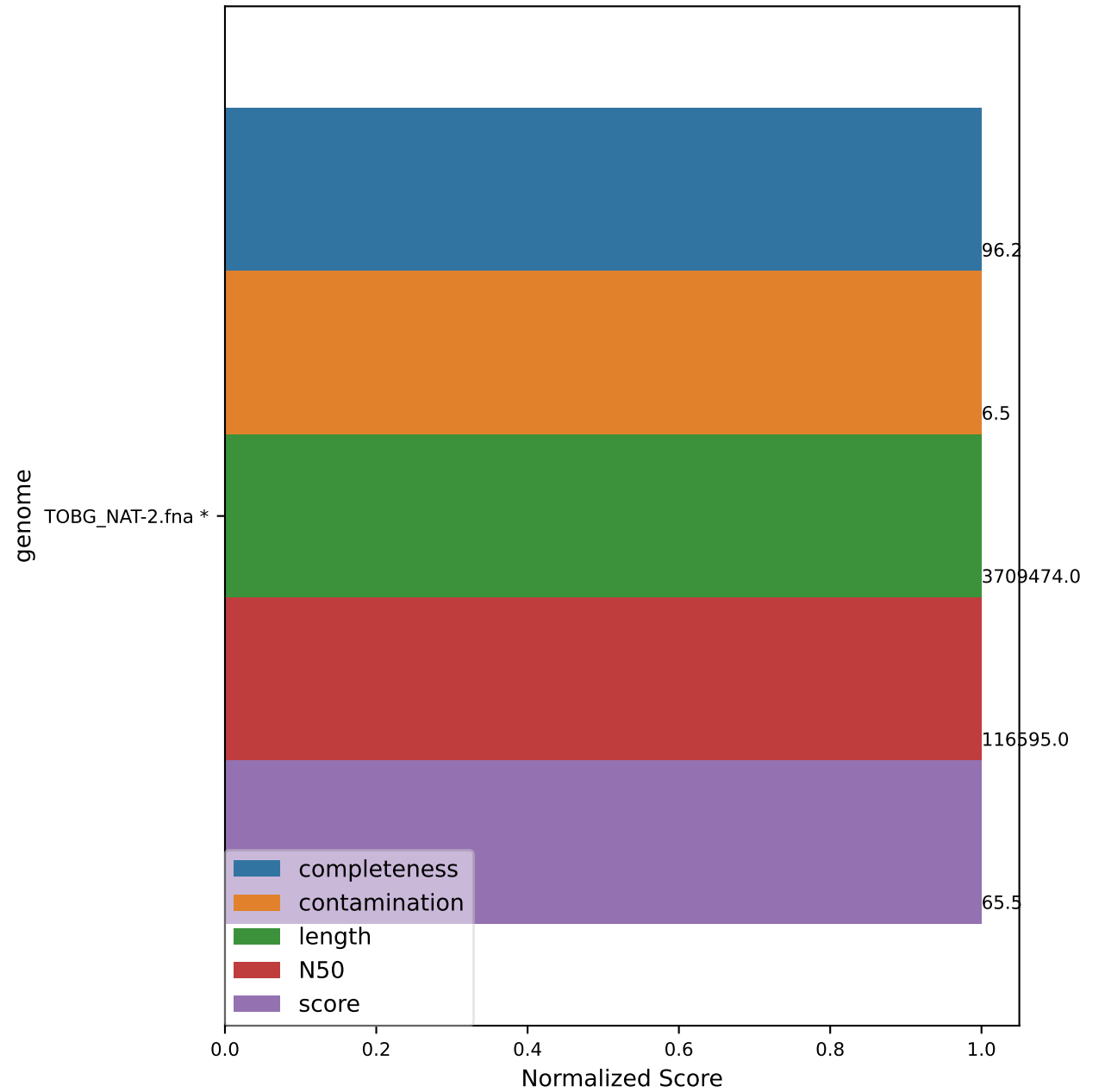
Scoring of cluster 37\_0



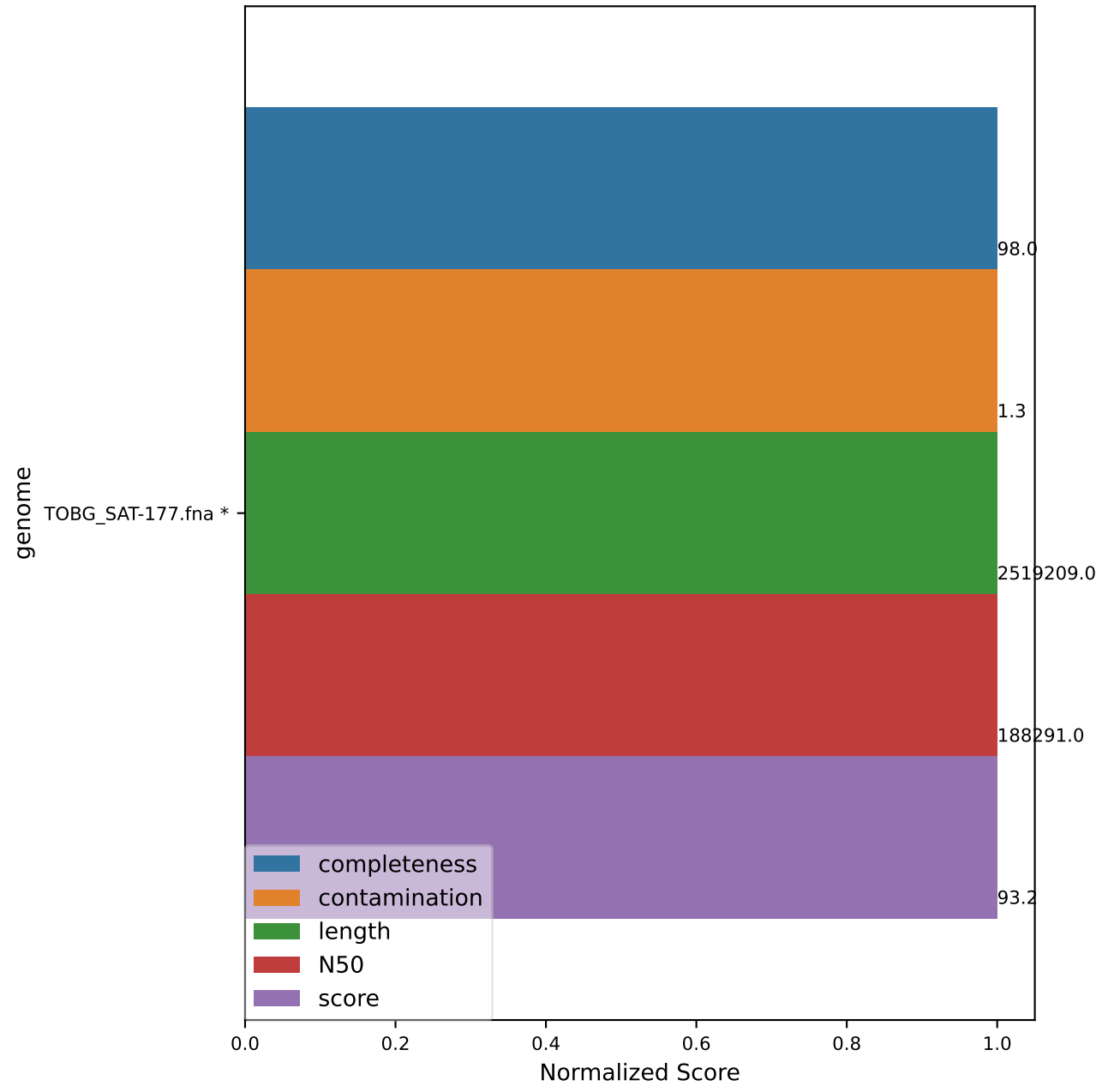
Scoring of cluster 38\_0



Scoring of cluster 39\_0

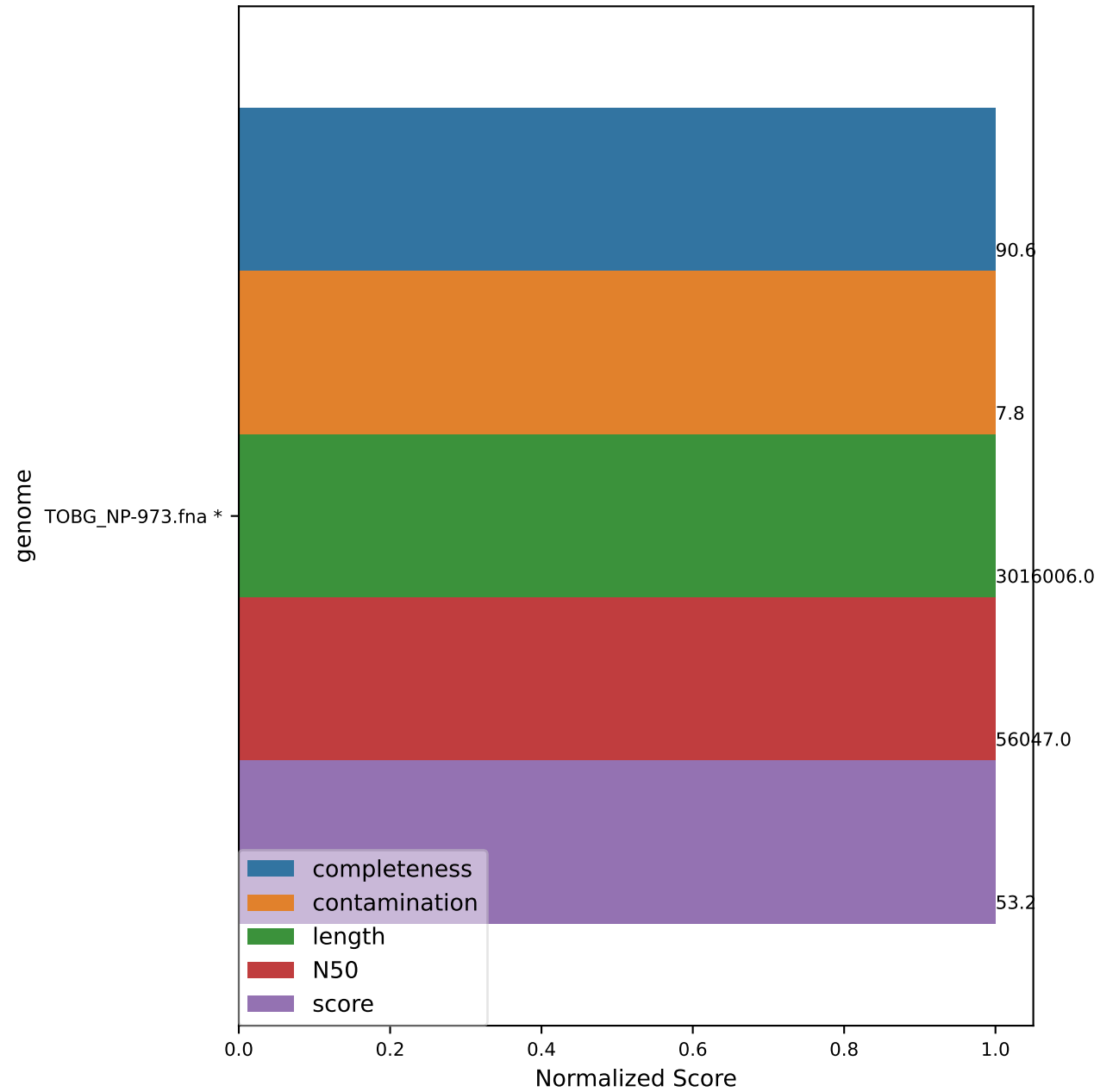


Scoring of cluster 40\_0

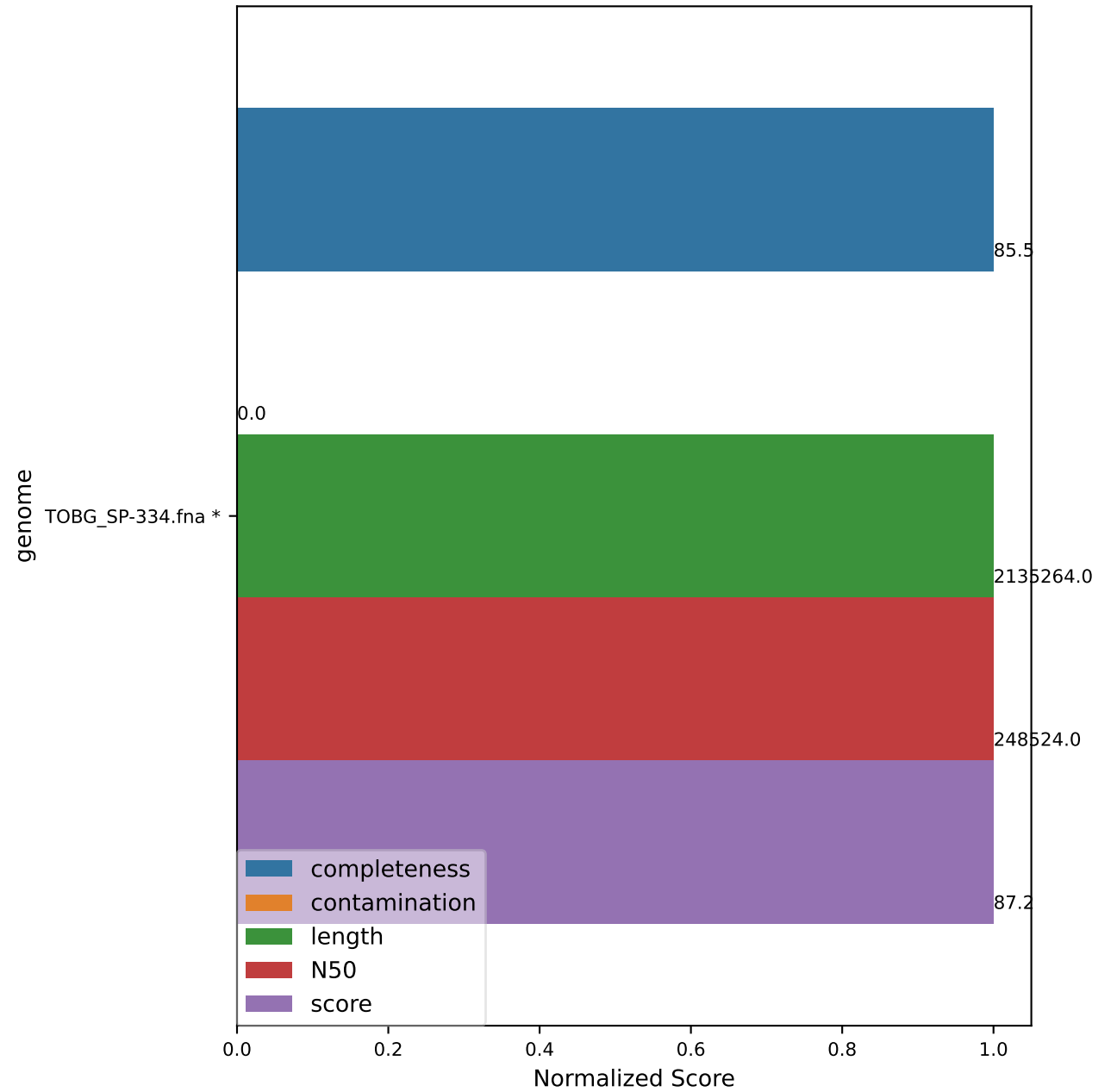




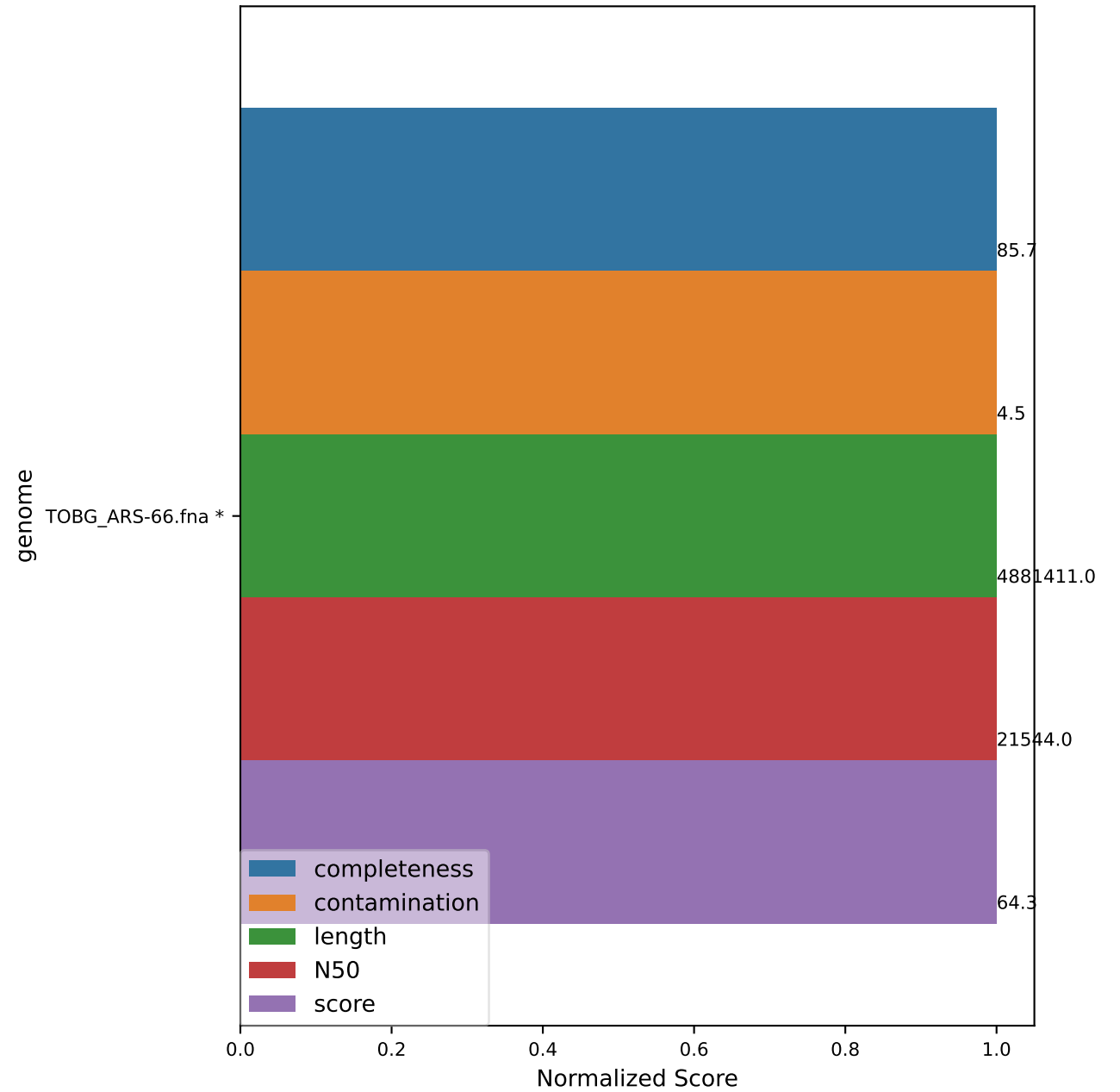
Scoring of cluster 41\_0



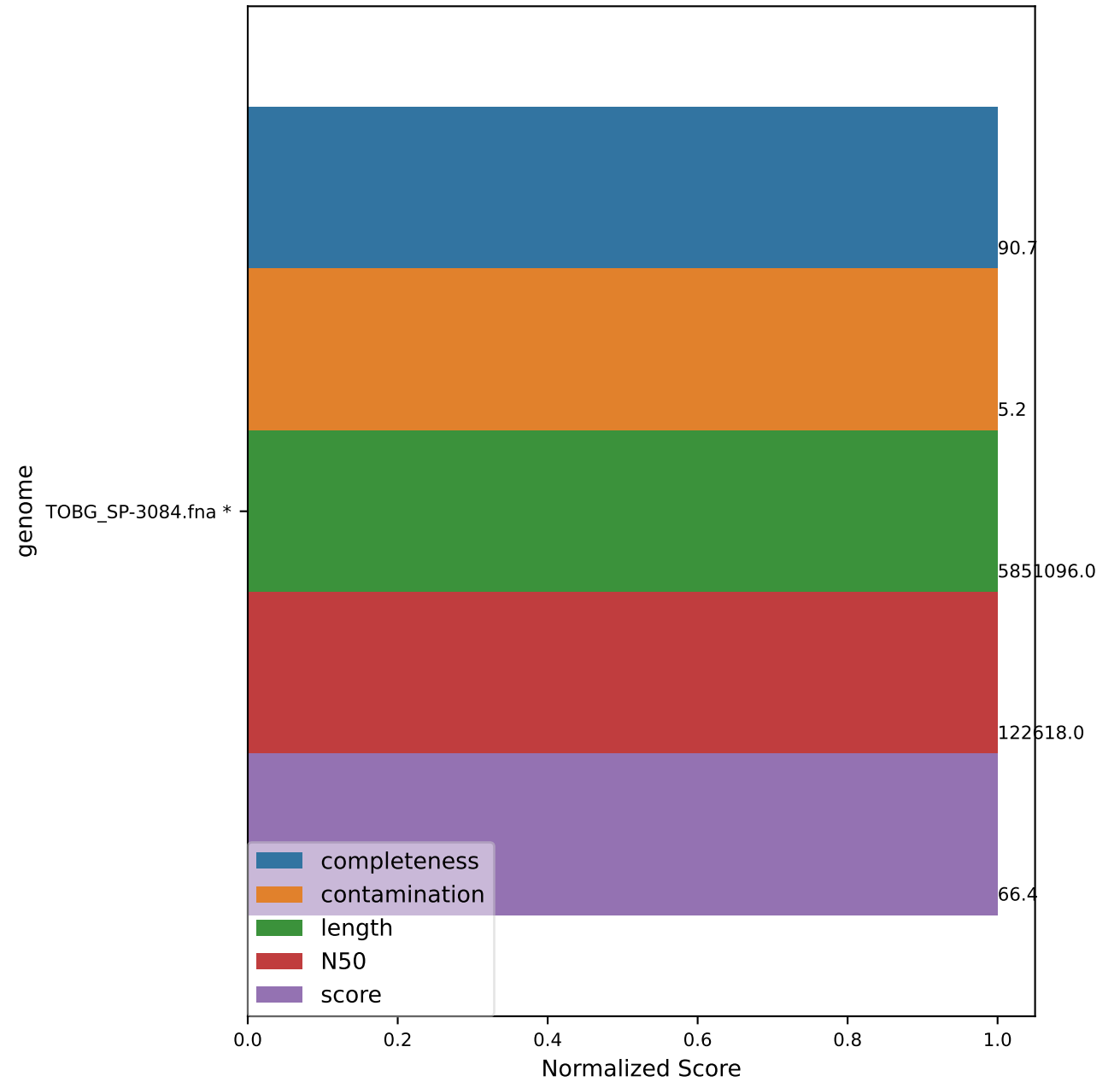
Scoring of cluster 42\_0



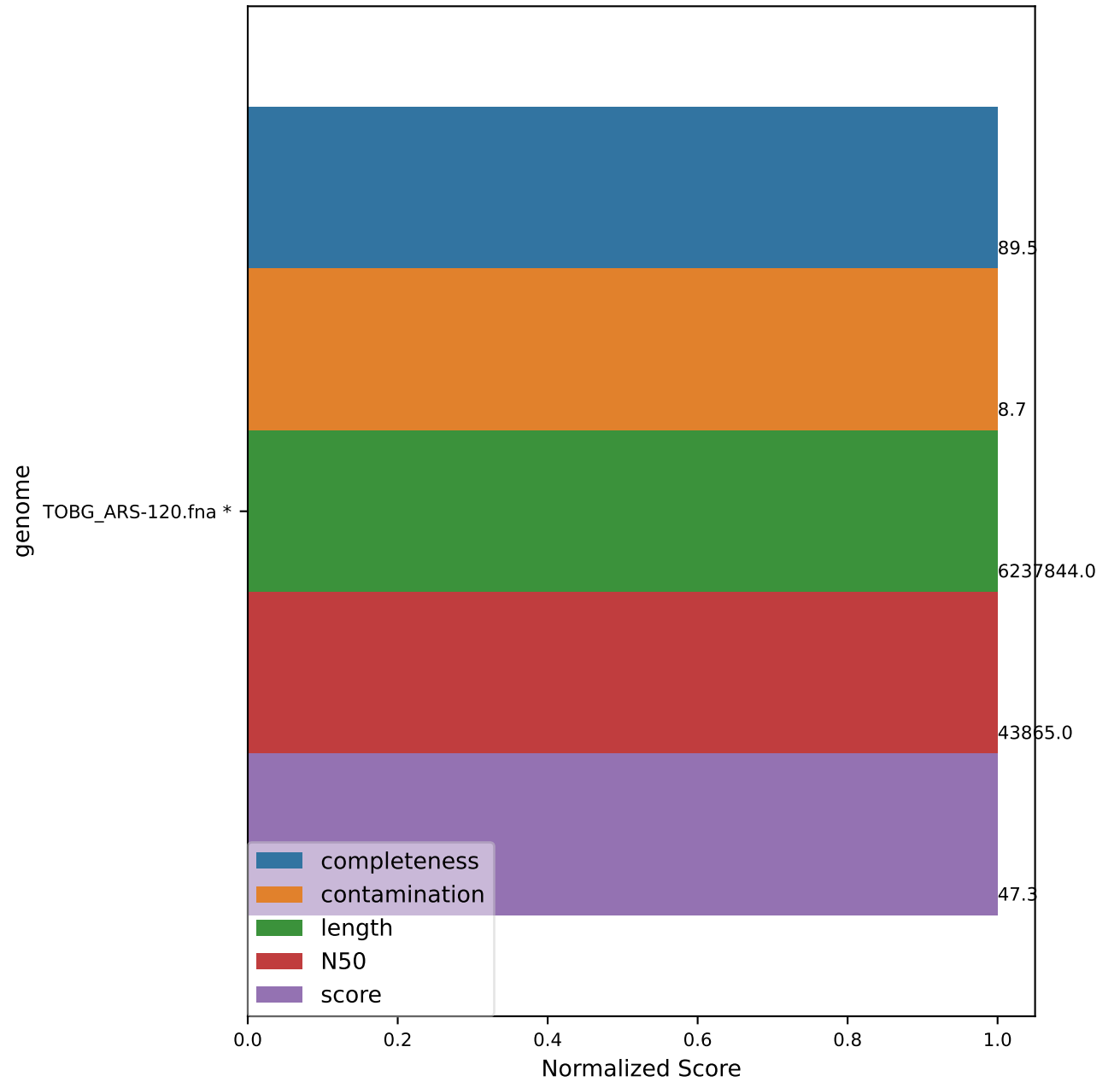
Scoring of cluster 43\_0



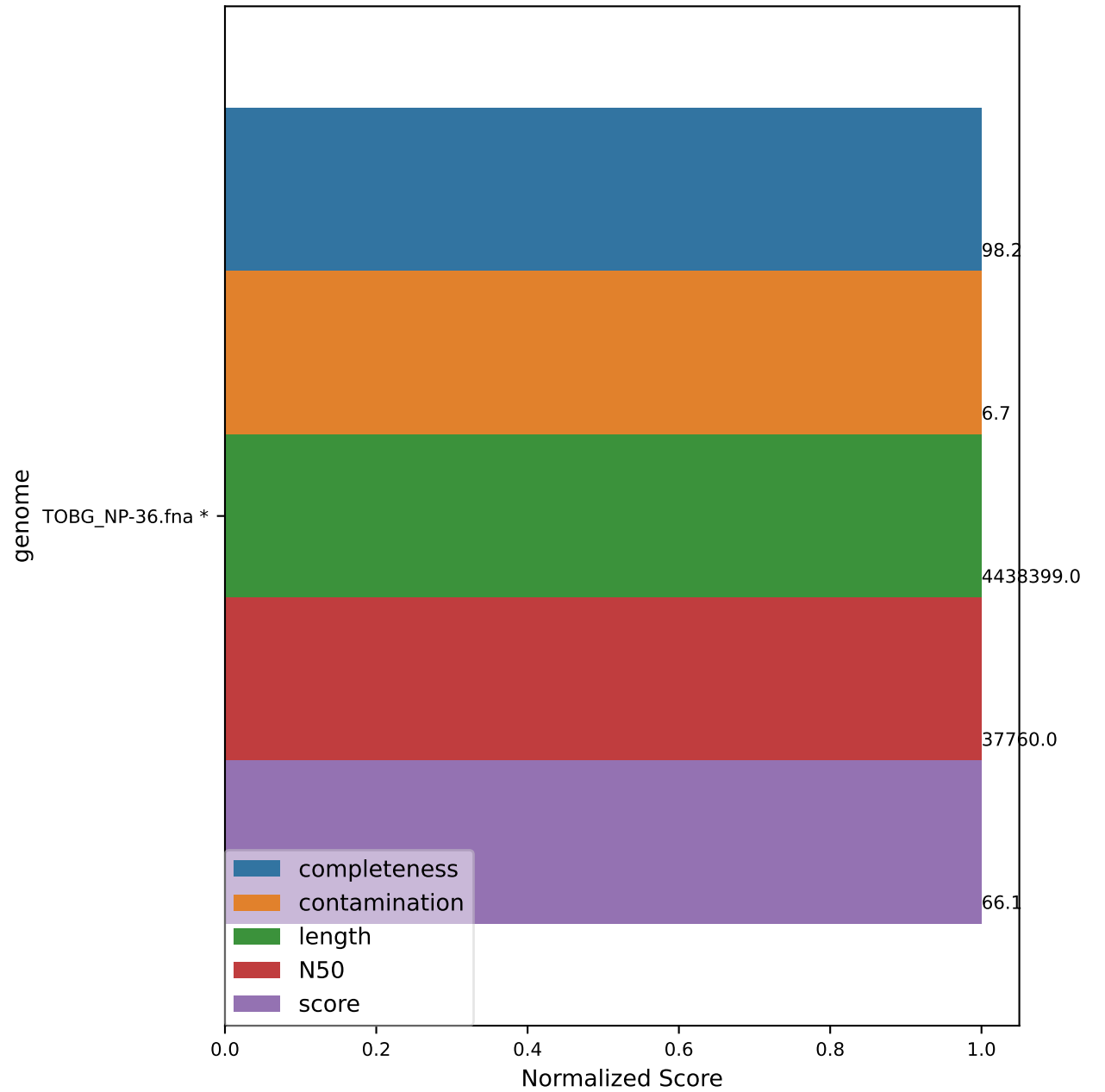
Scoring of cluster 44\_0



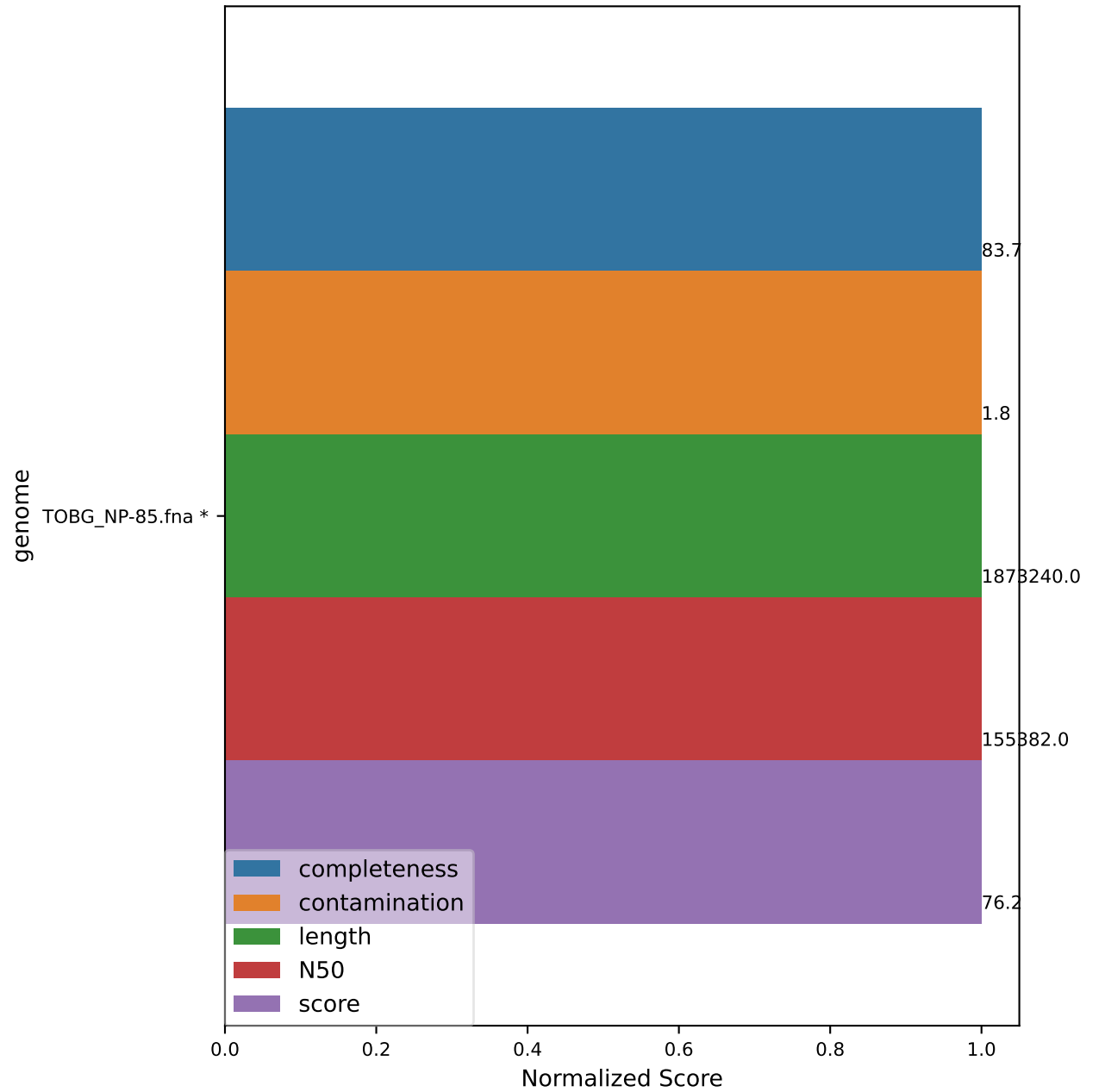
Scoring of cluster 45\_0



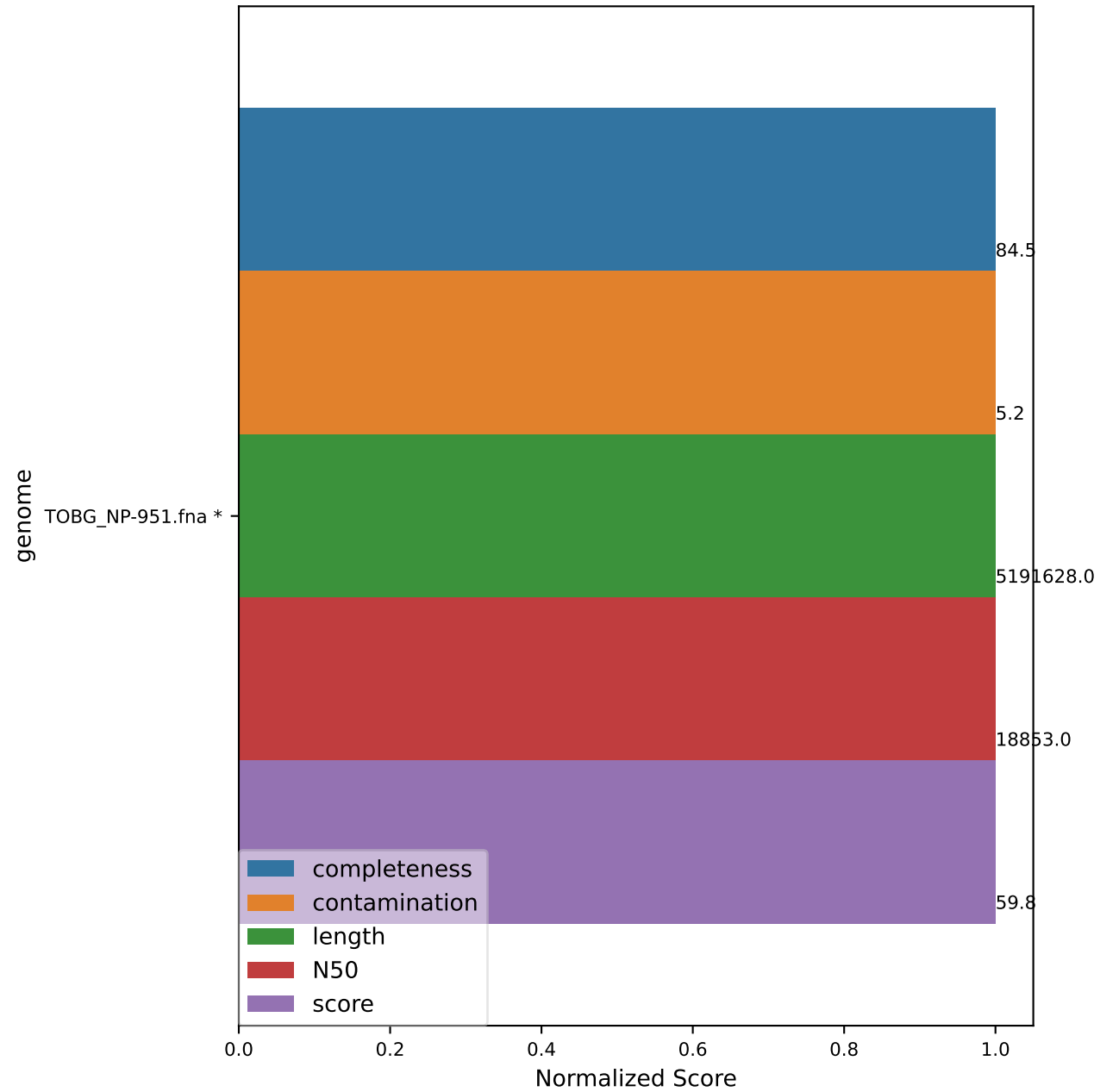
Scoring of cluster 46\_0



Scoring of cluster 47\_0

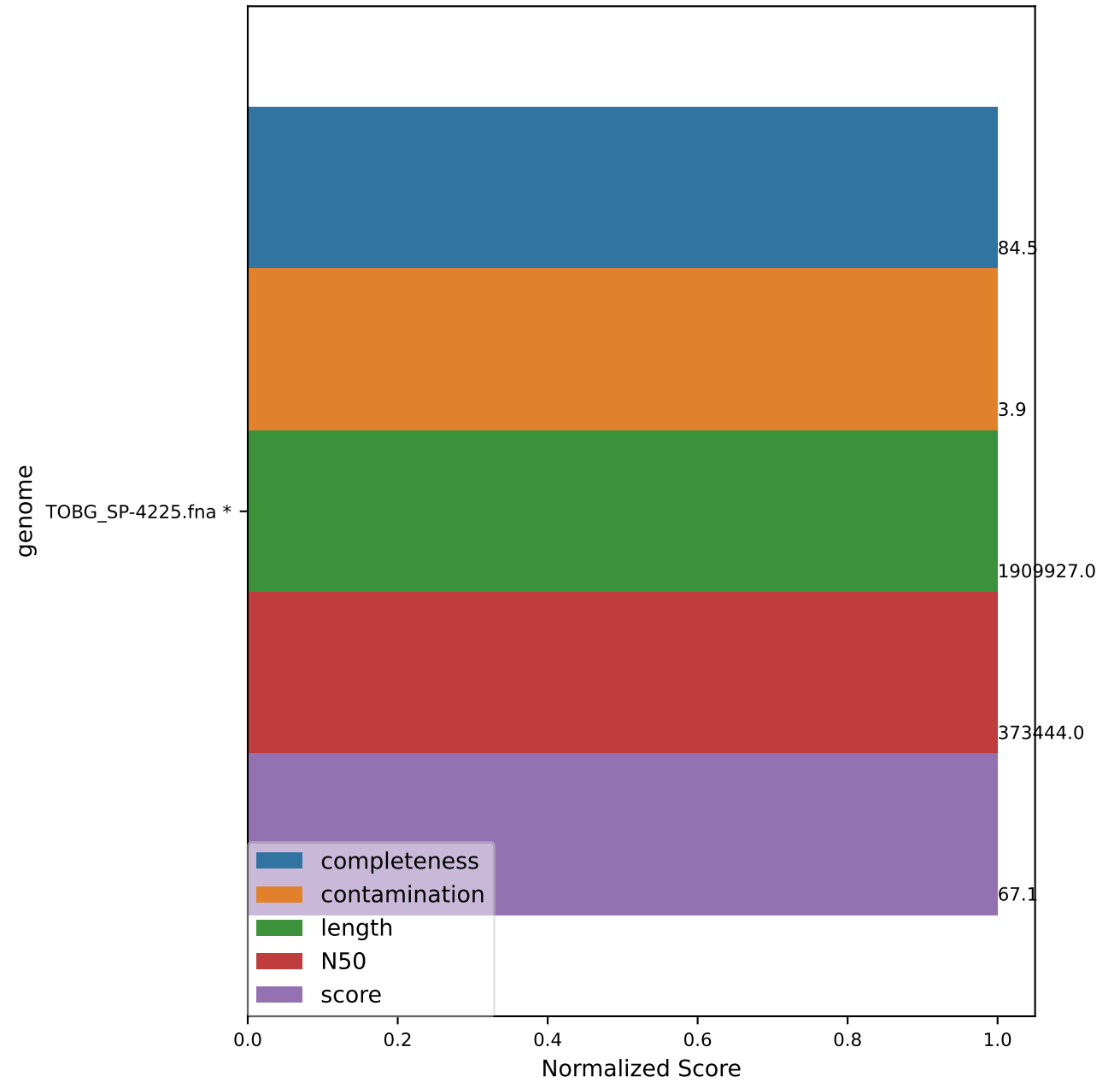


Scoring of cluster 48\_0

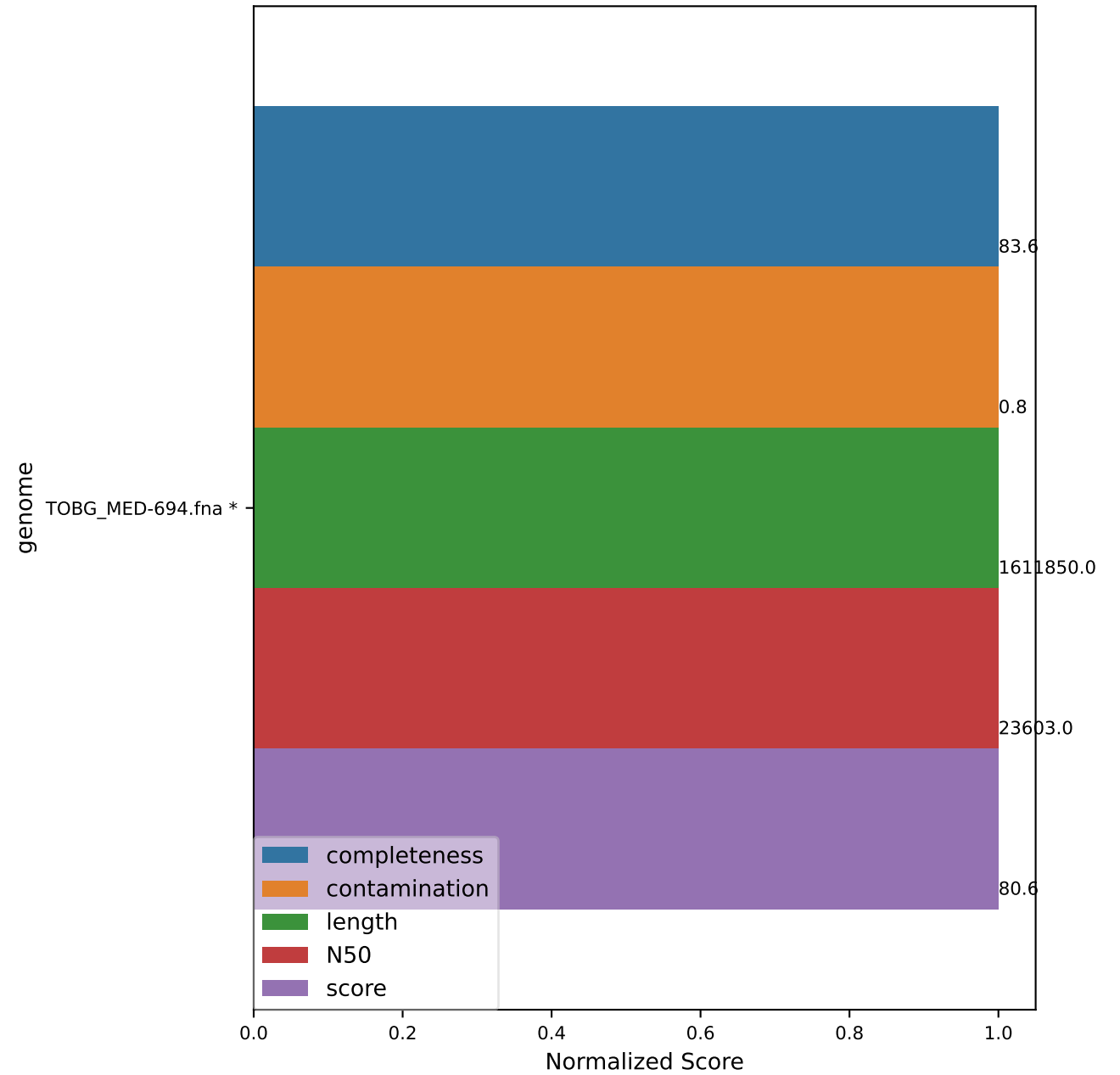




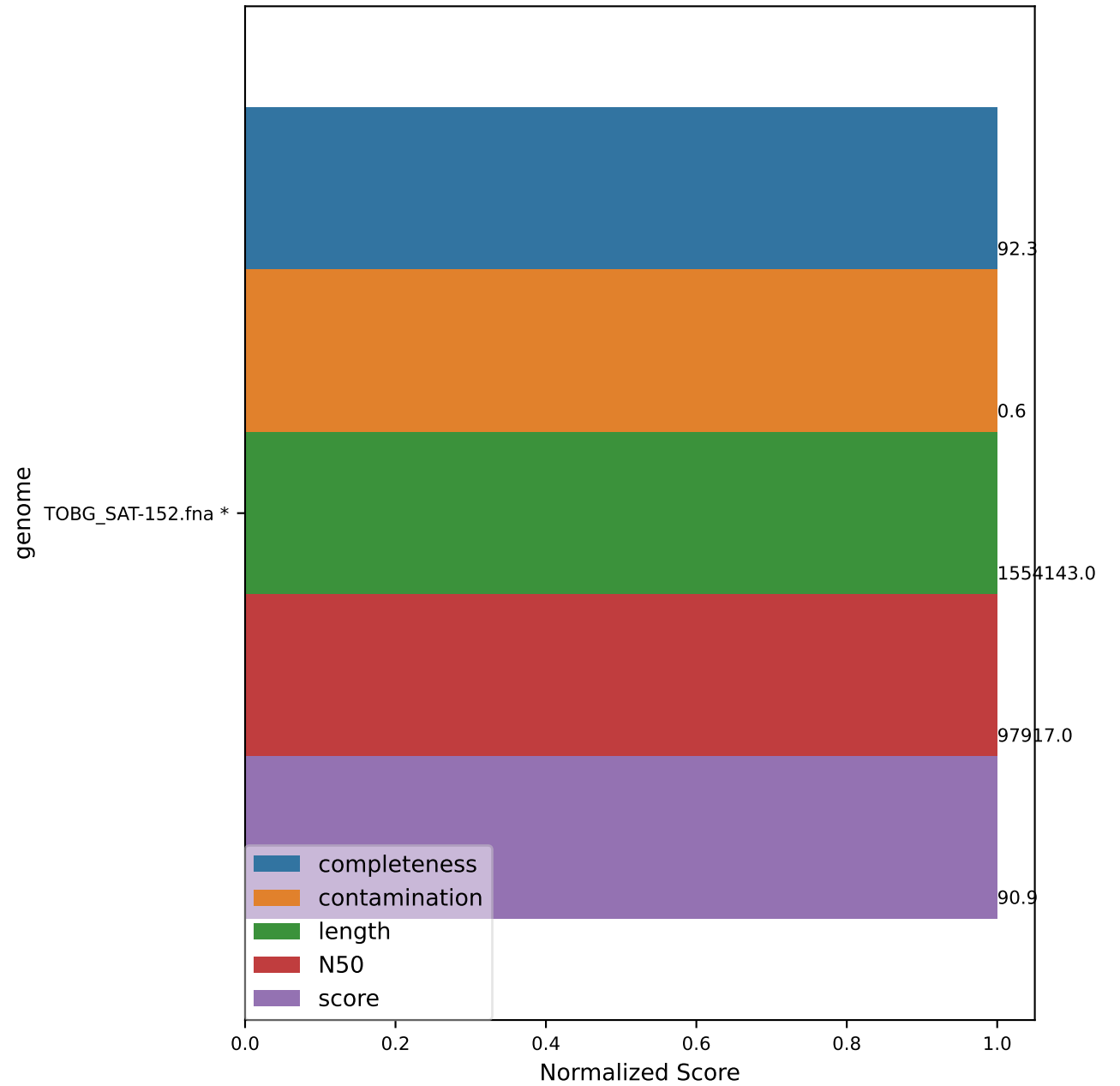
Scoring of cluster 49\_0



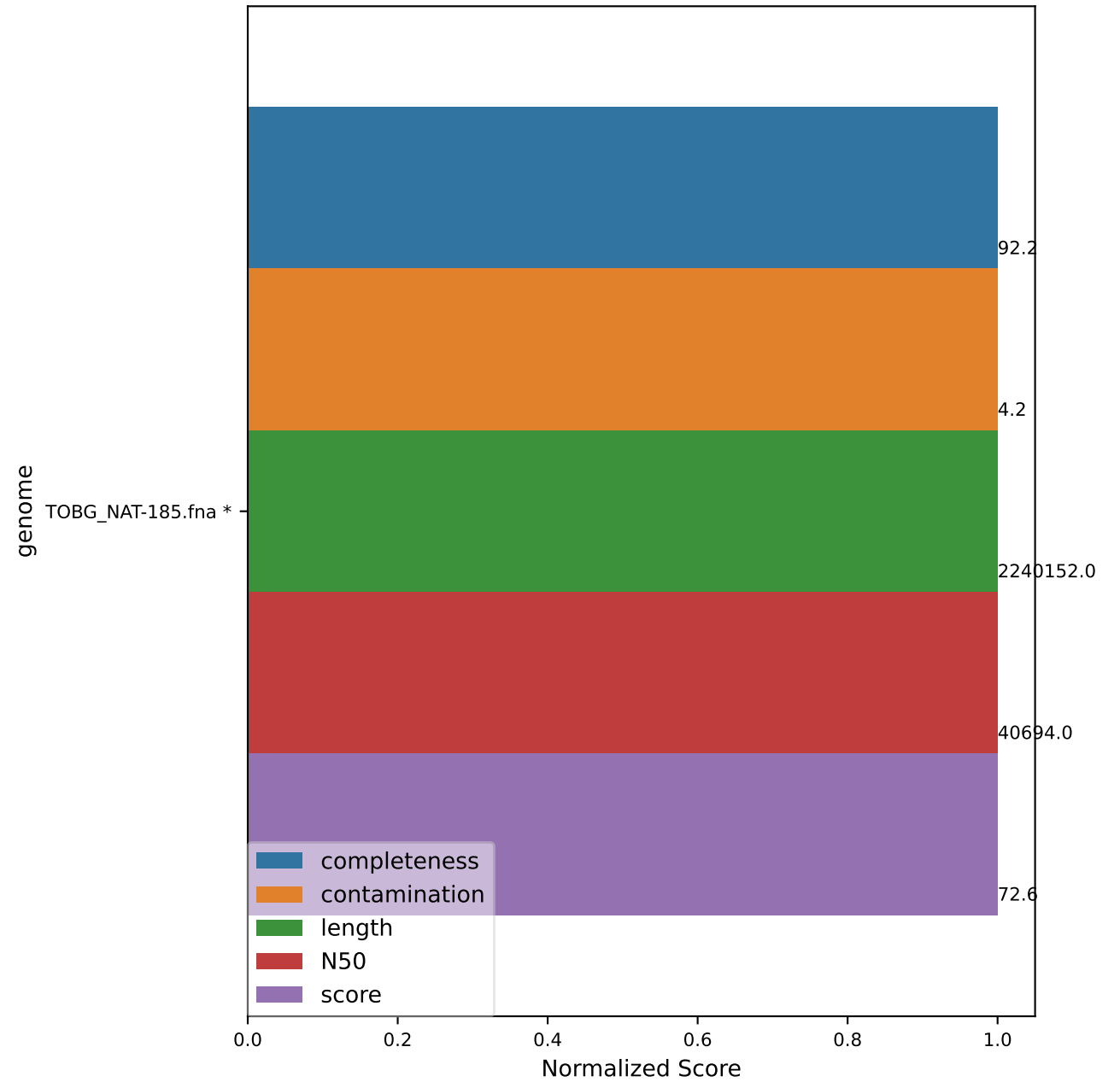
Scoring of cluster 50\_0



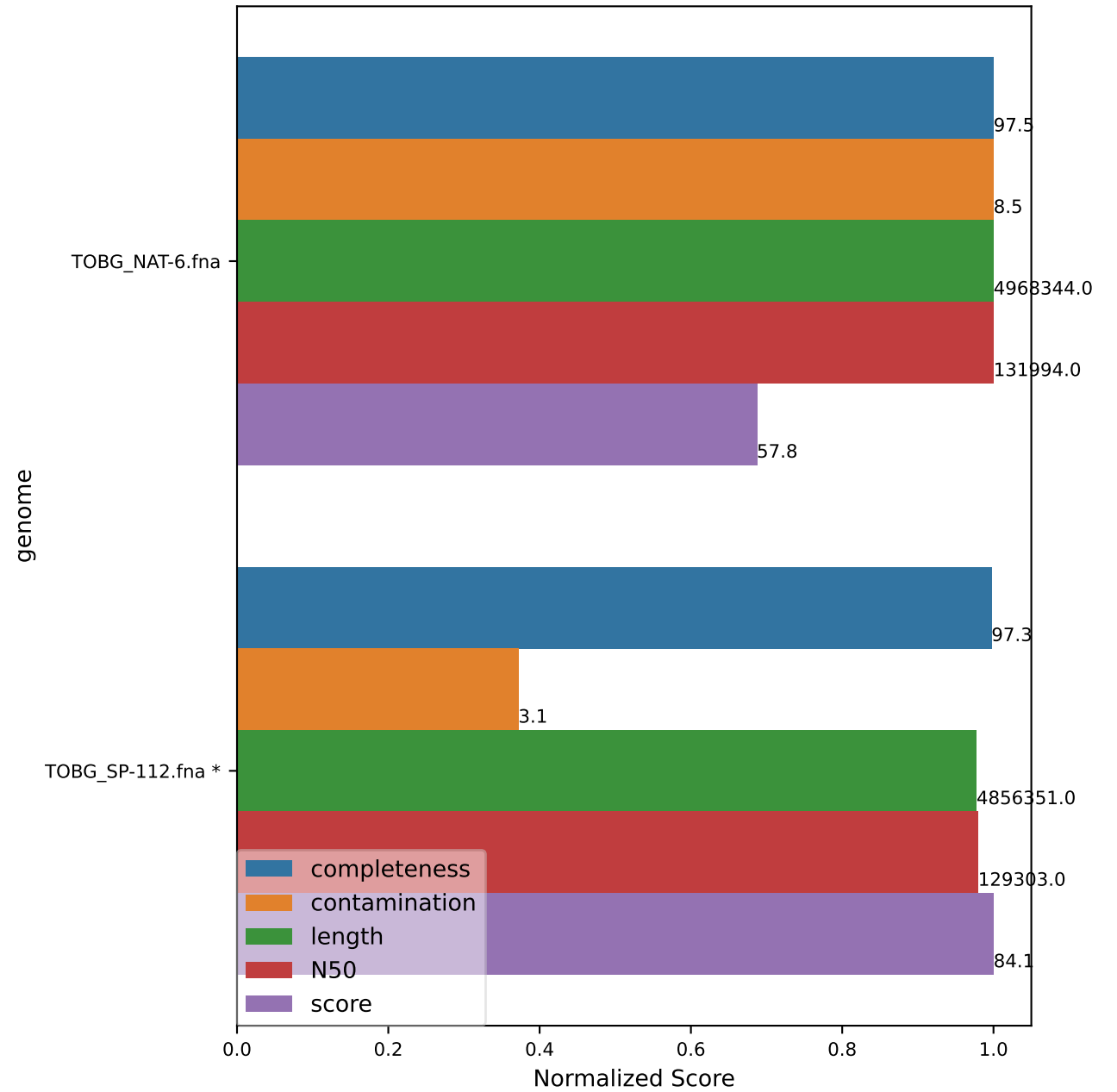
Scoring of cluster 51\_0



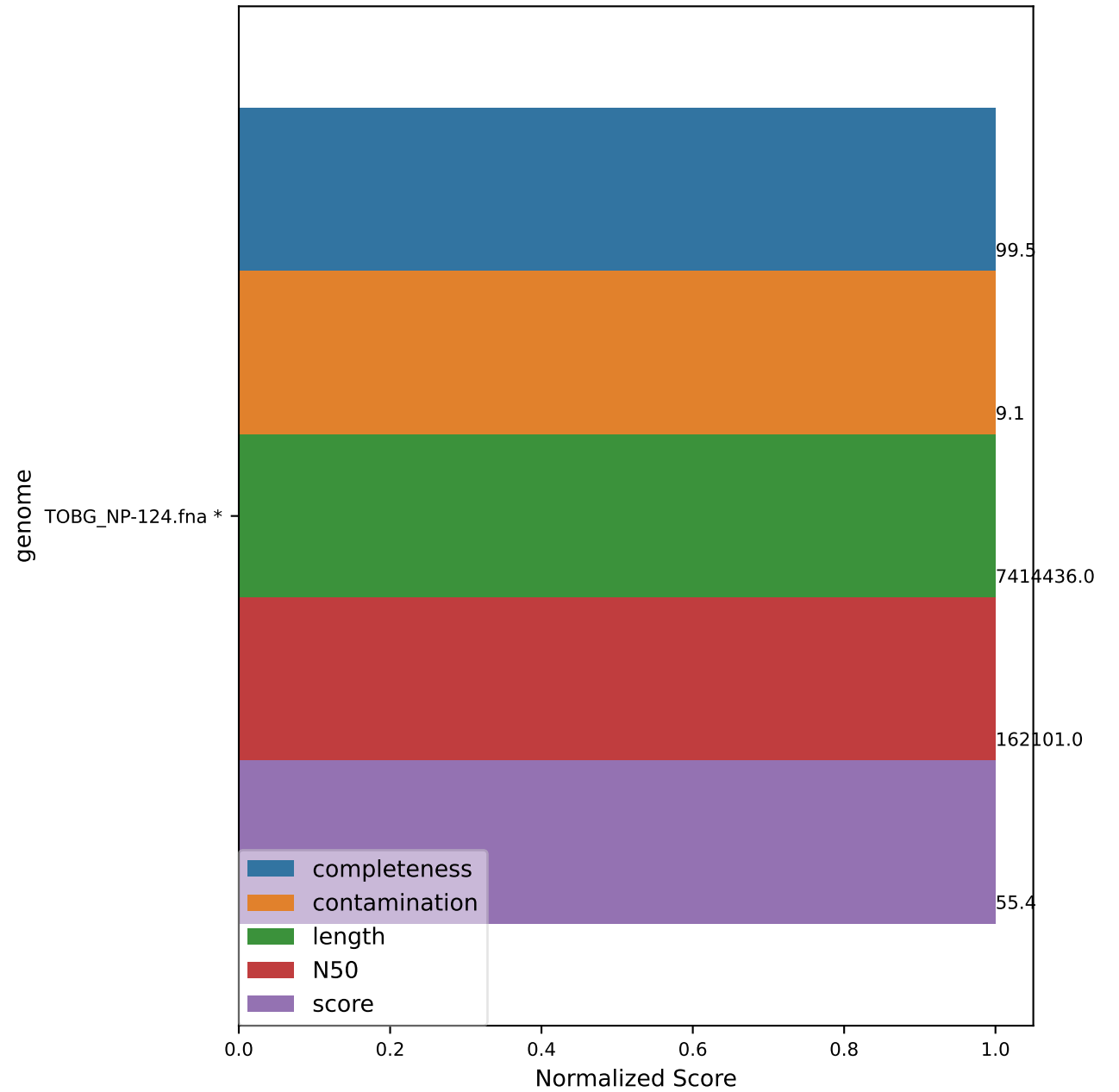
Scoring of cluster 52\_0



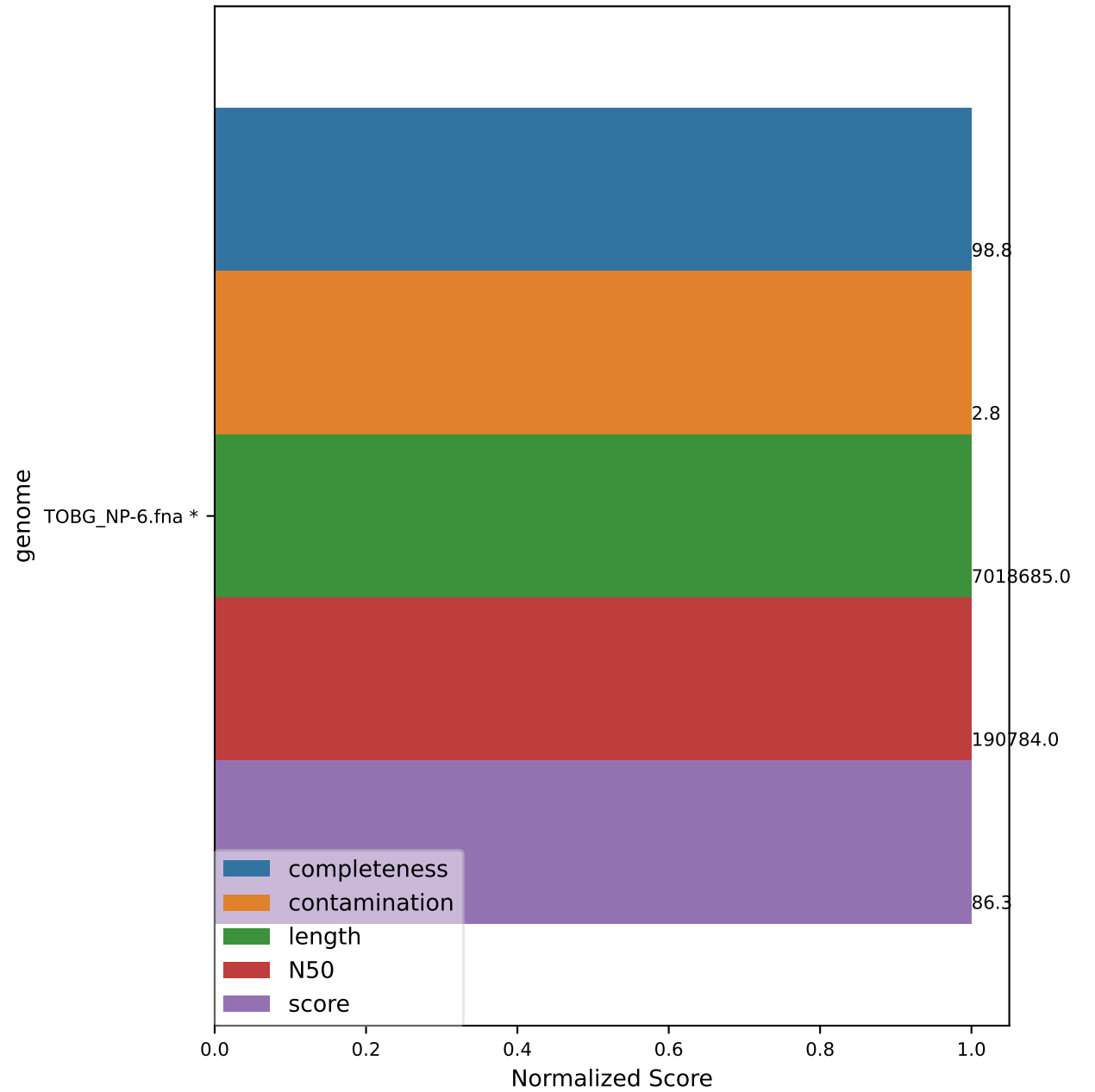
Scoring of cluster 53\_1



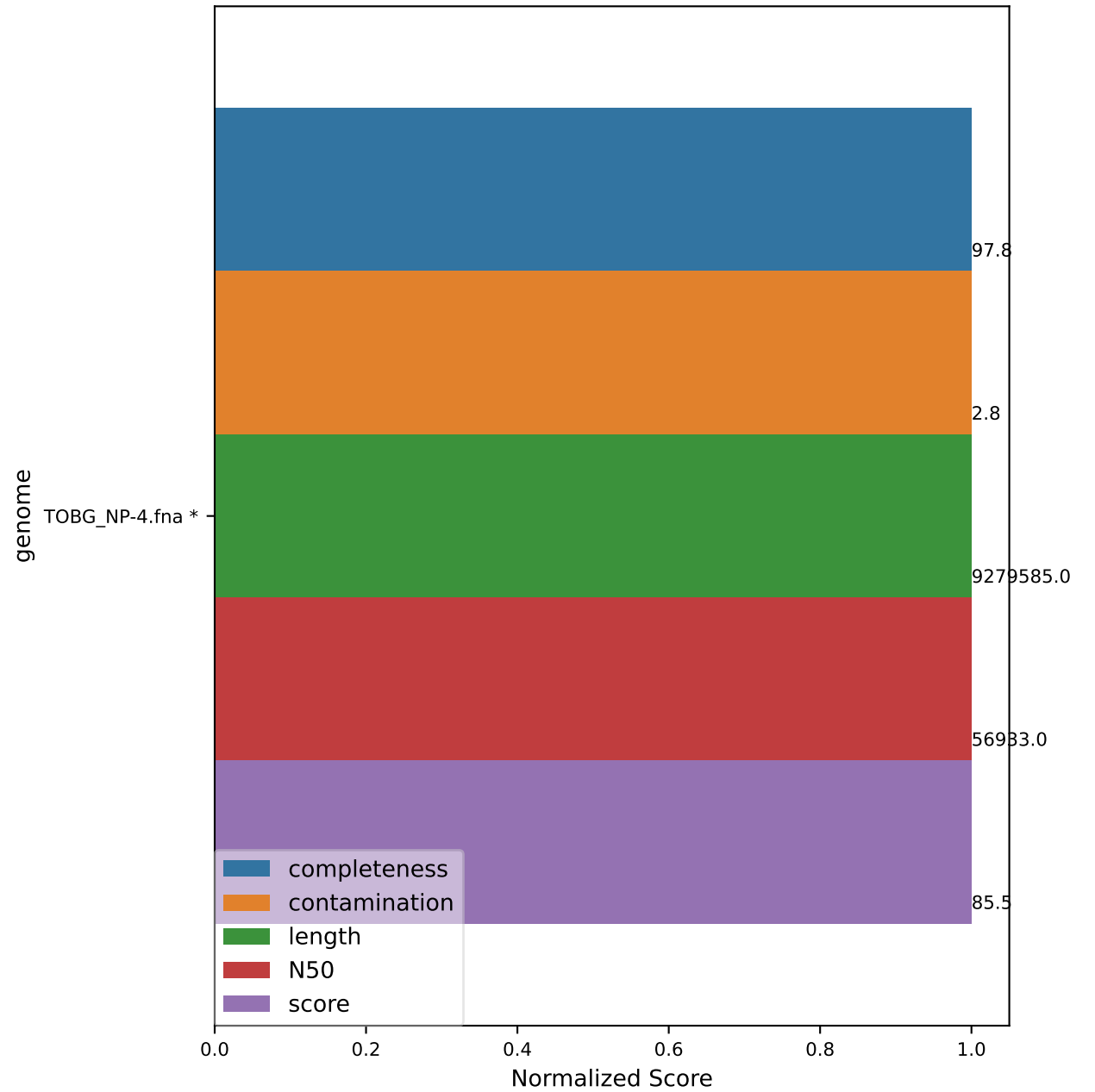
Scoring of cluster 54\_0



Scoring of cluster 55\_0

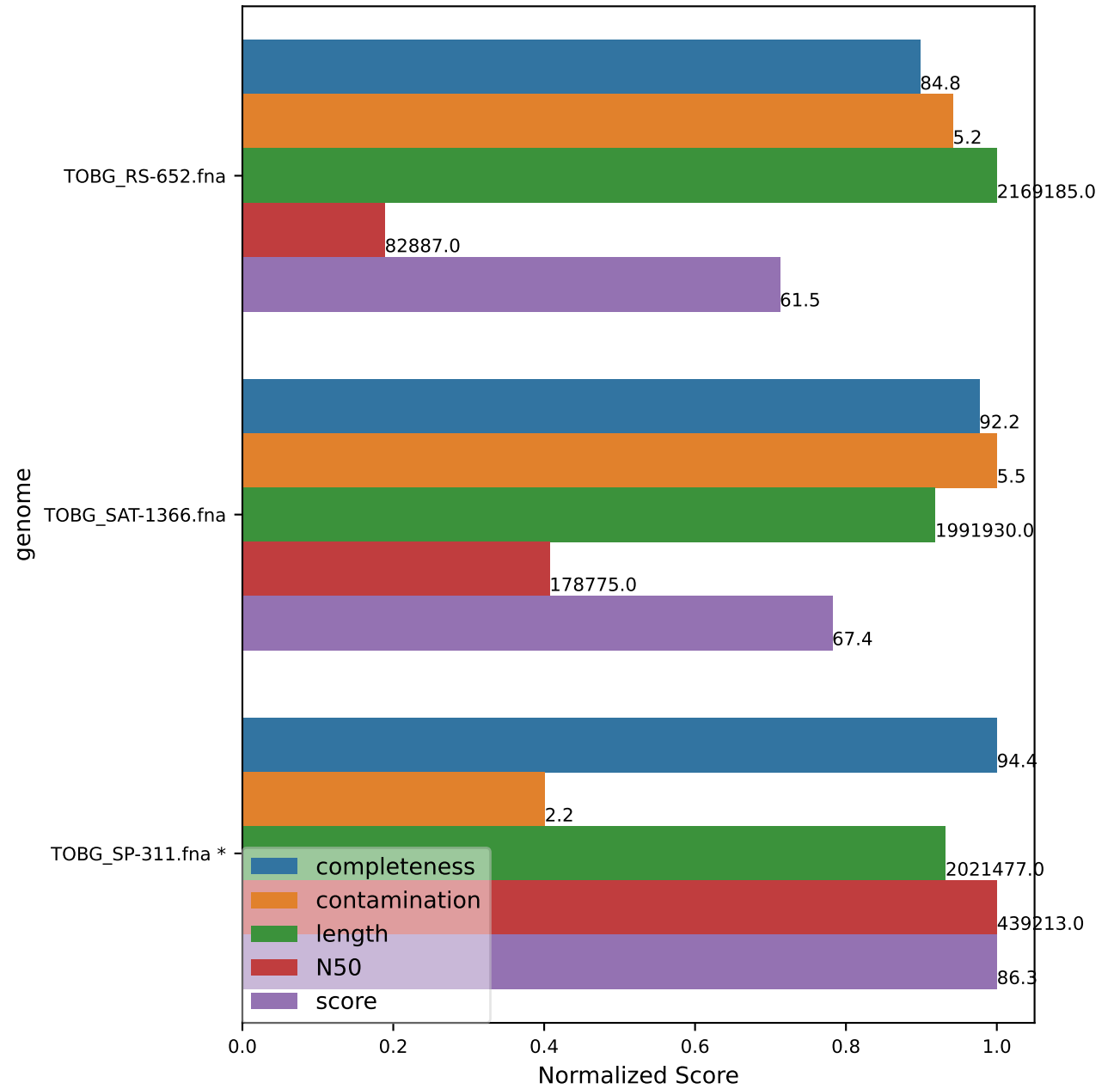


Scoring of cluster 56\_0

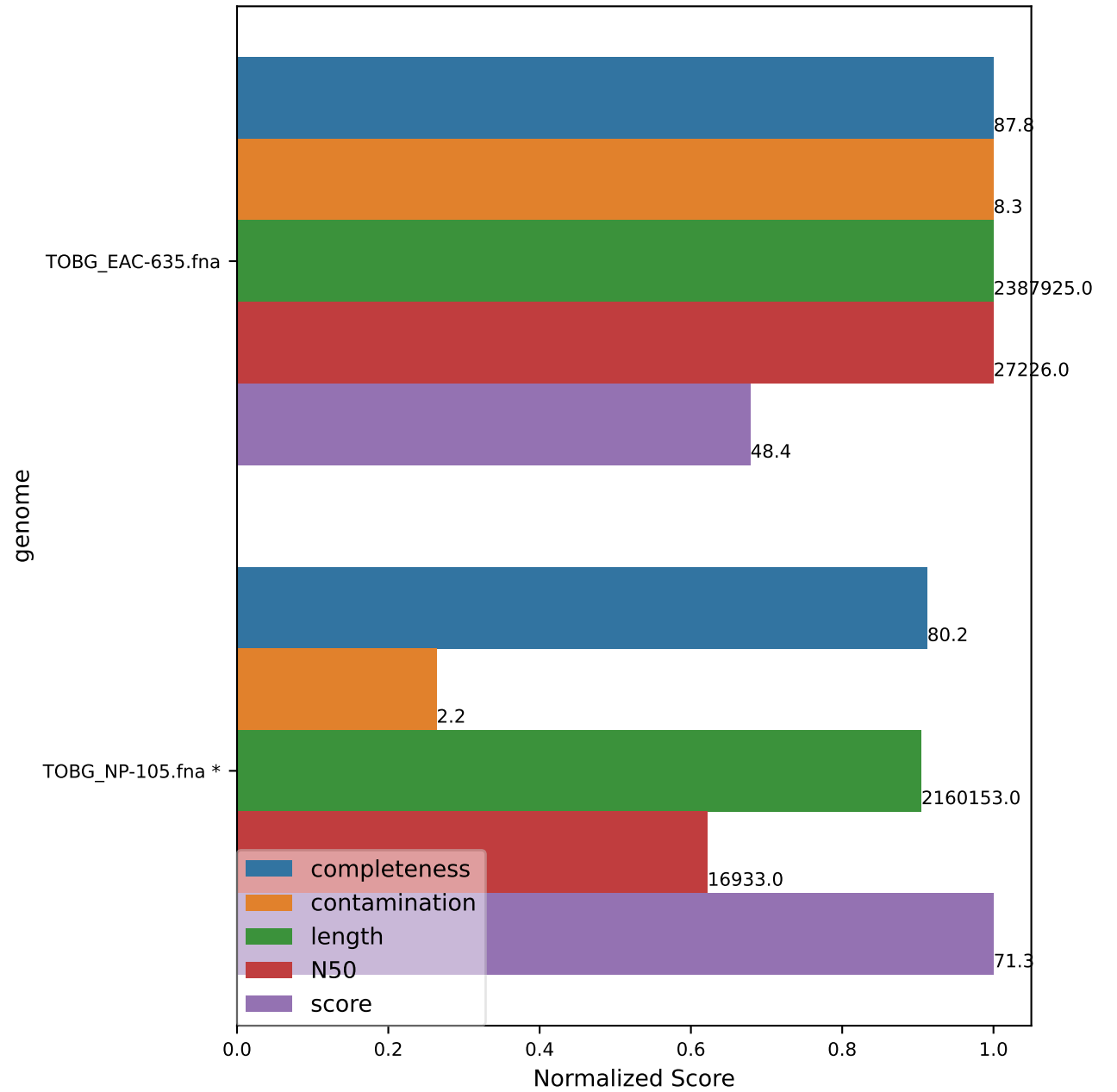




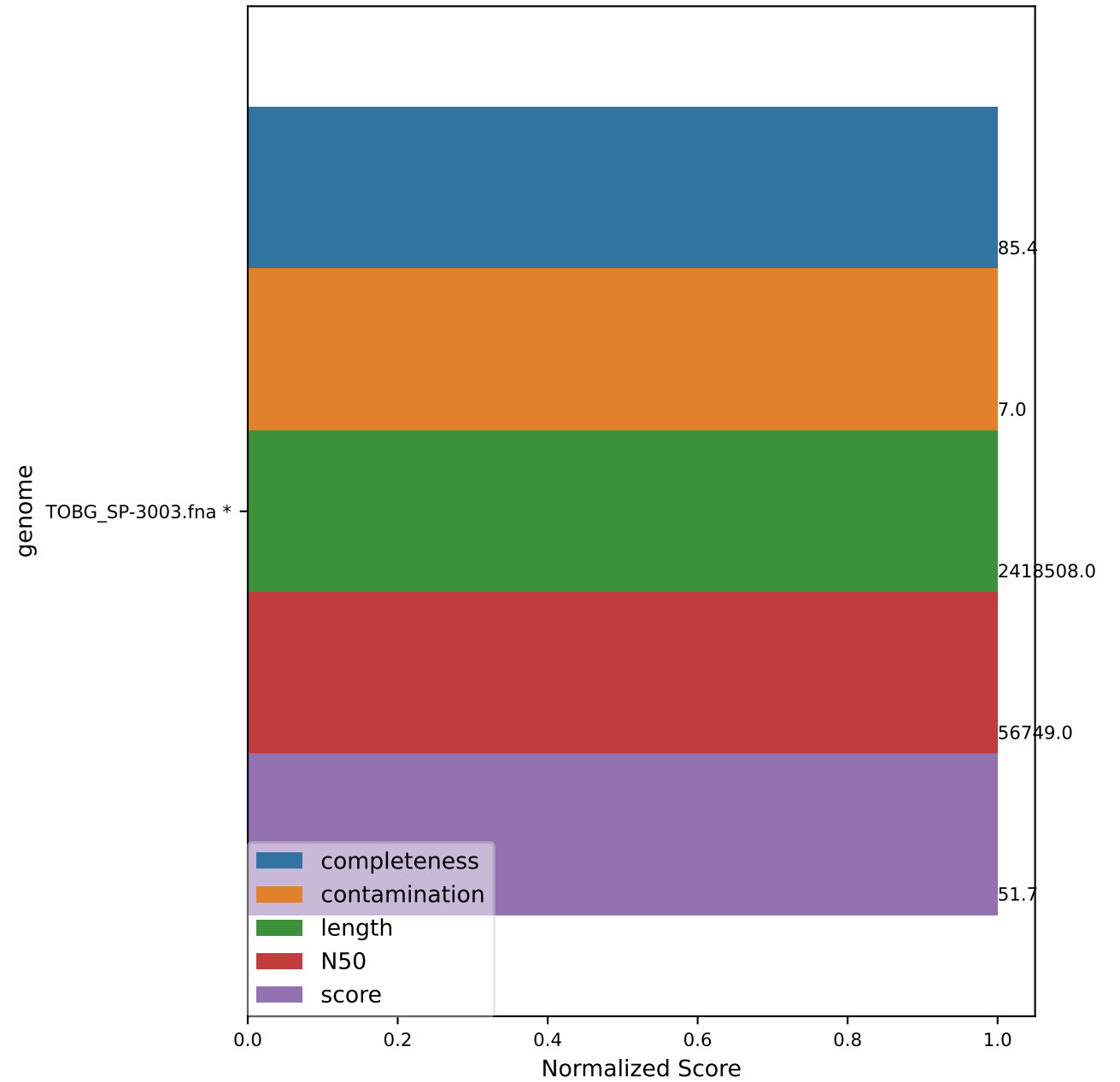
Scoring of cluster 57\_1



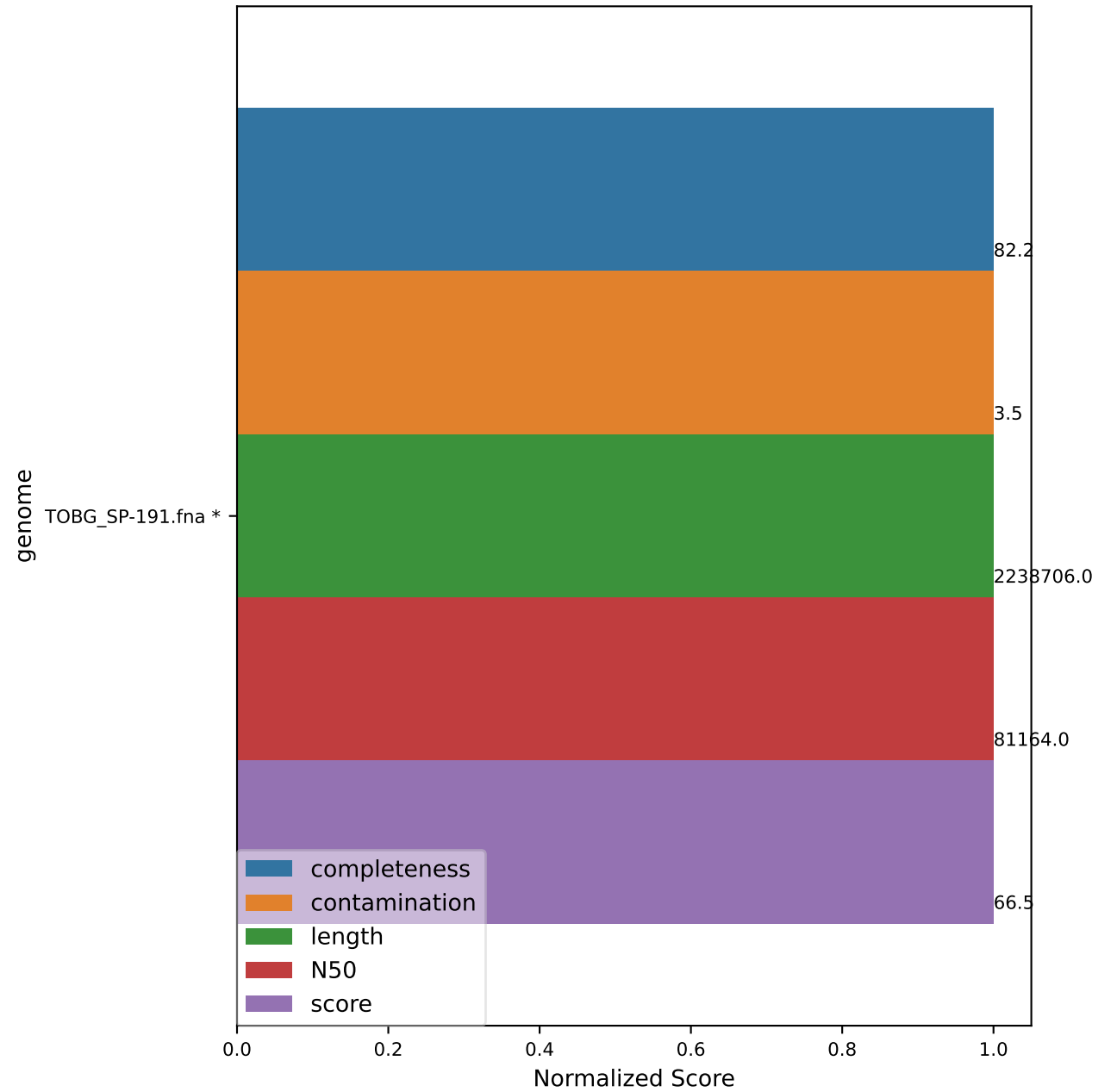
Scoring of cluster 58\_1



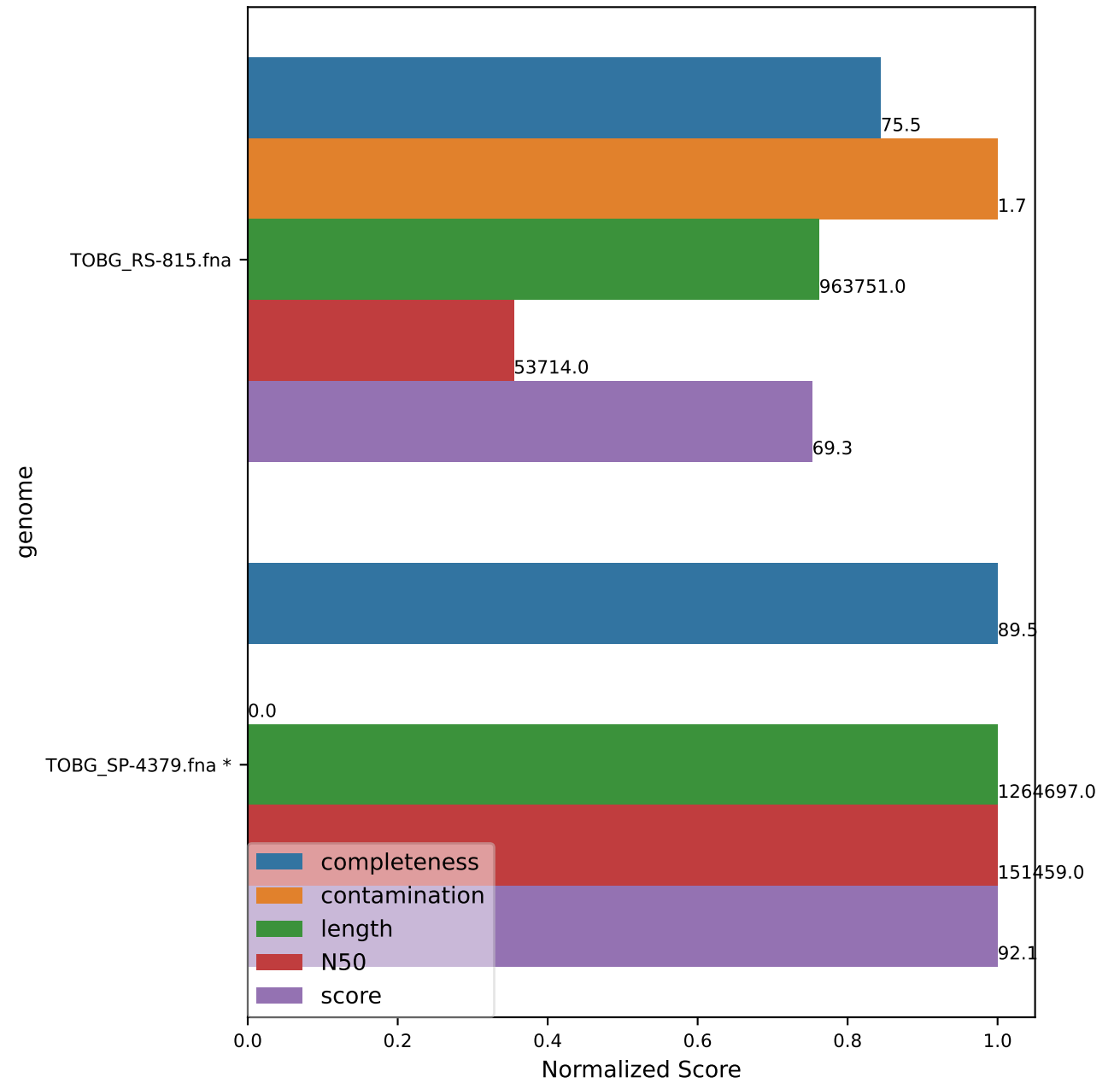
Scoring of cluster 59\_0



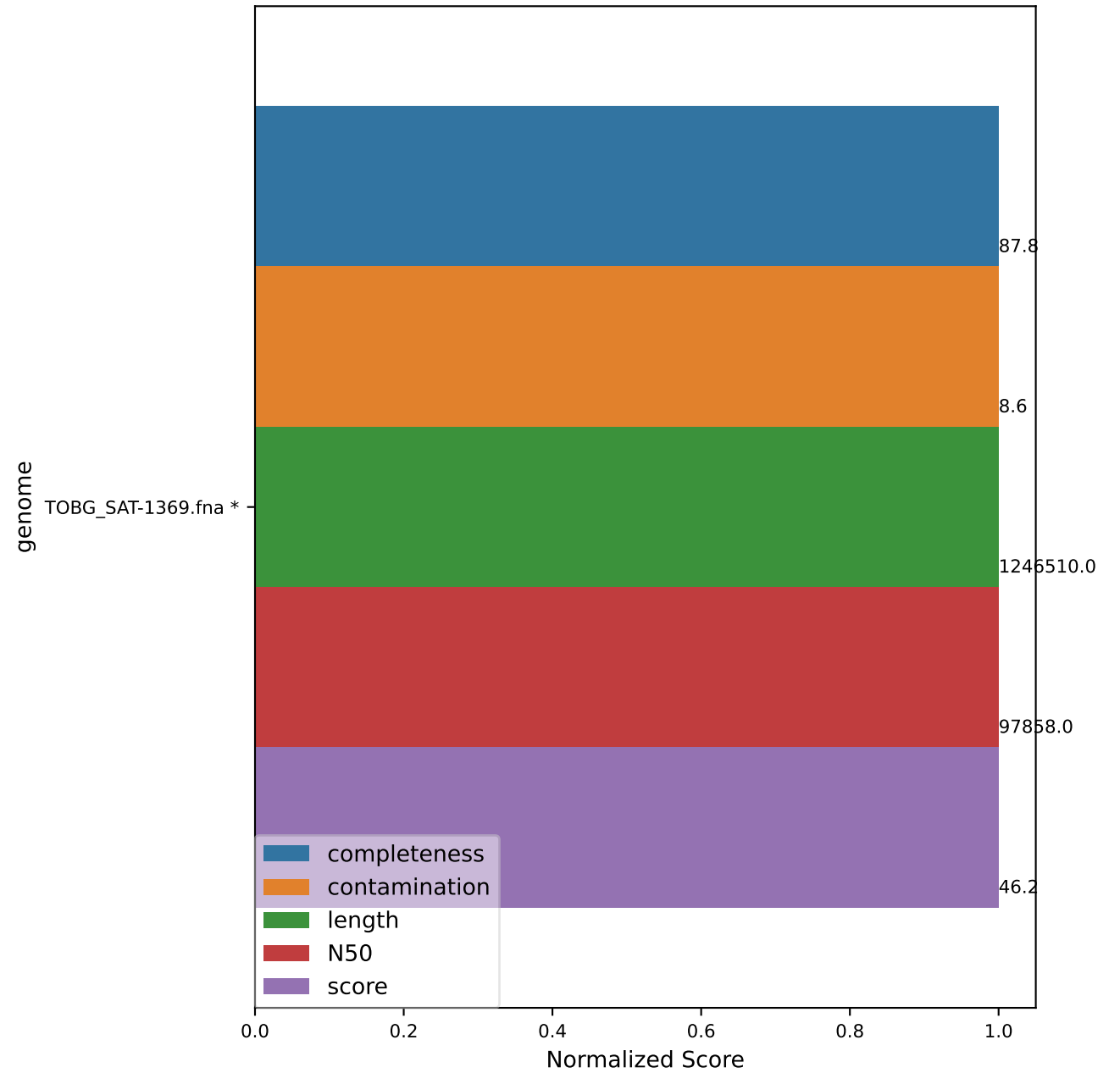
Scoring of cluster 60\_0



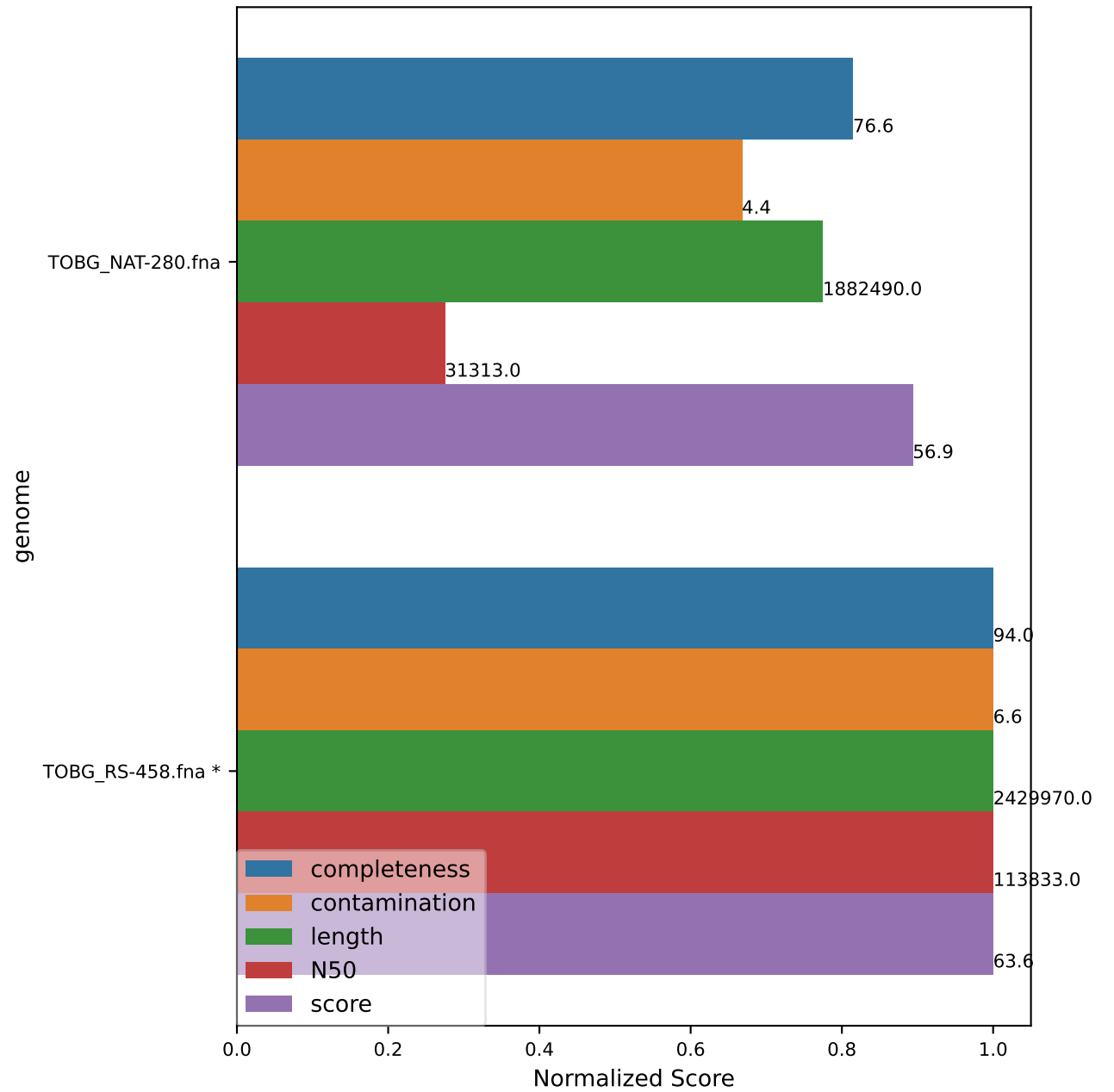
Scoring of cluster 61\_1



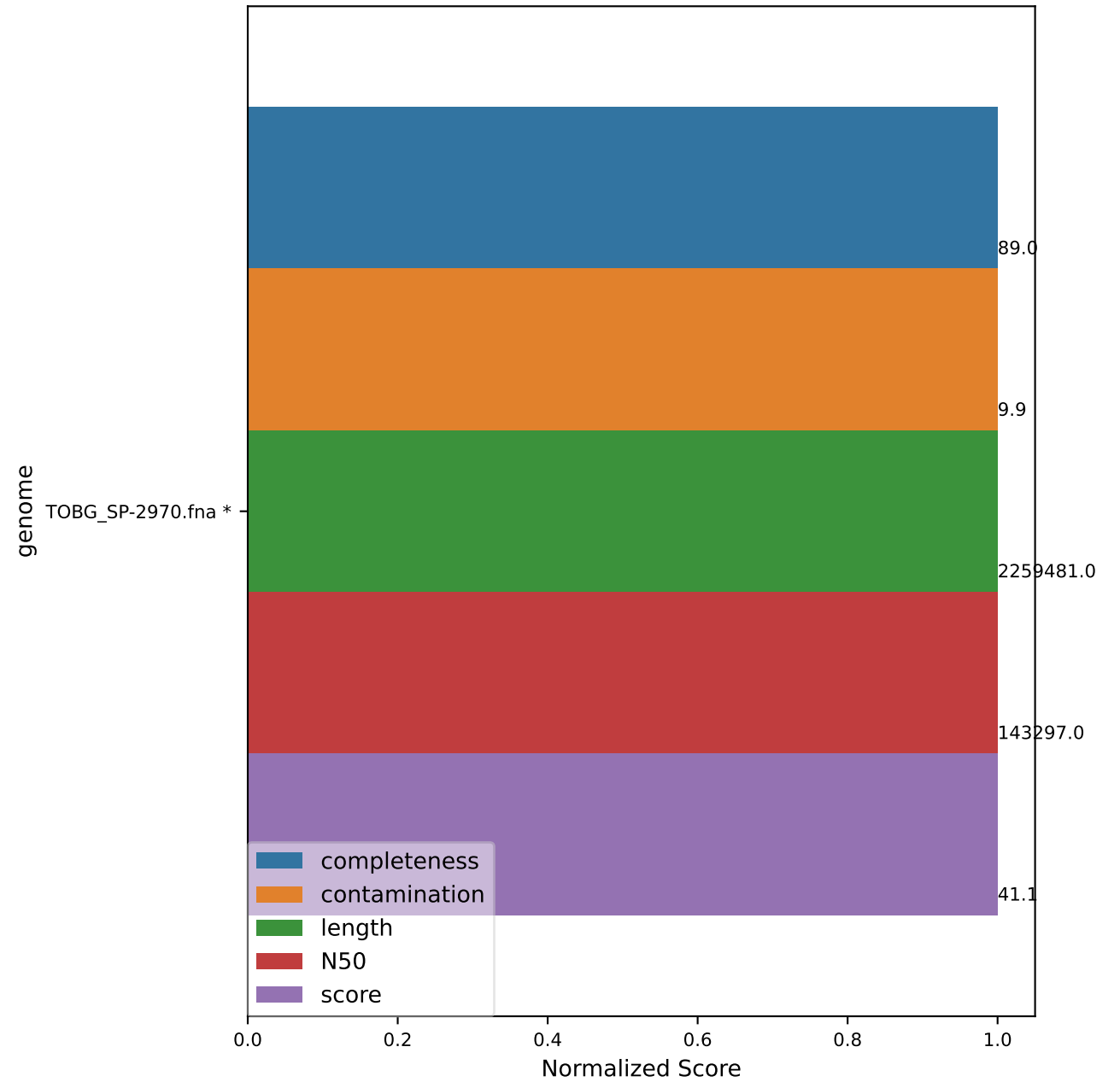
Scoring of cluster 62\_0



Scoring of cluster 63\_1

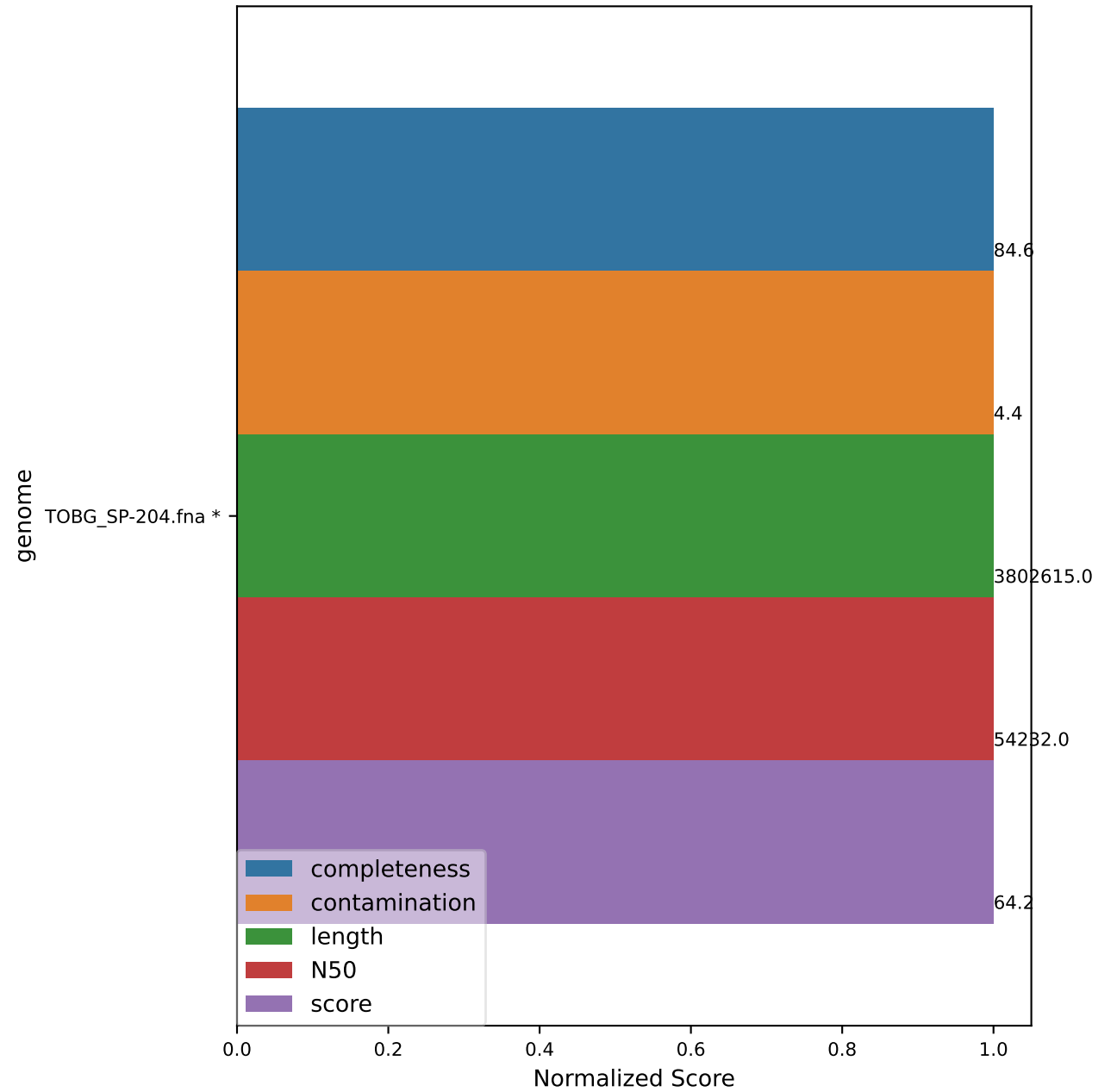


Scoring of cluster 63\_2

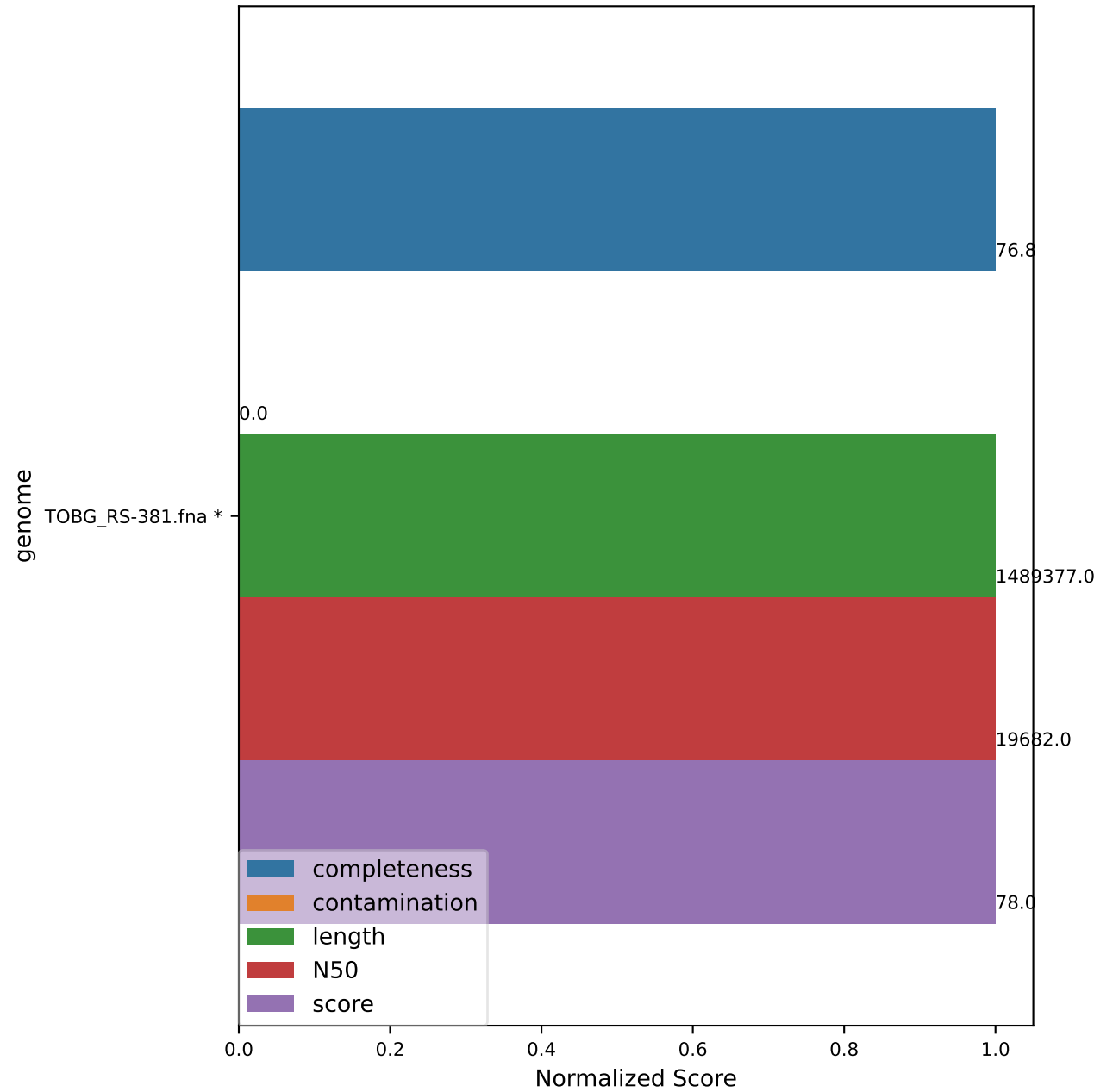




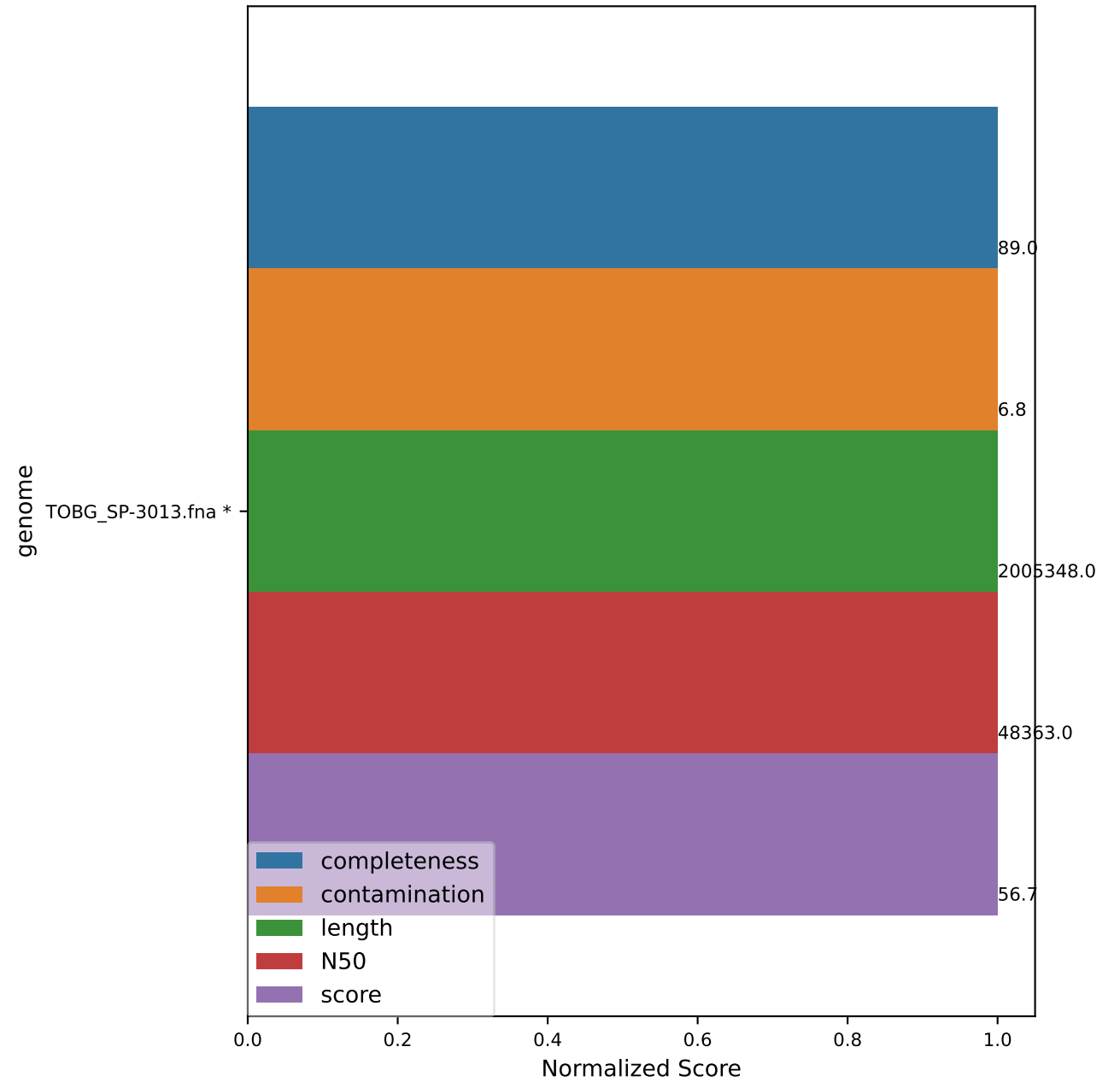
Scoring of cluster 64\_0



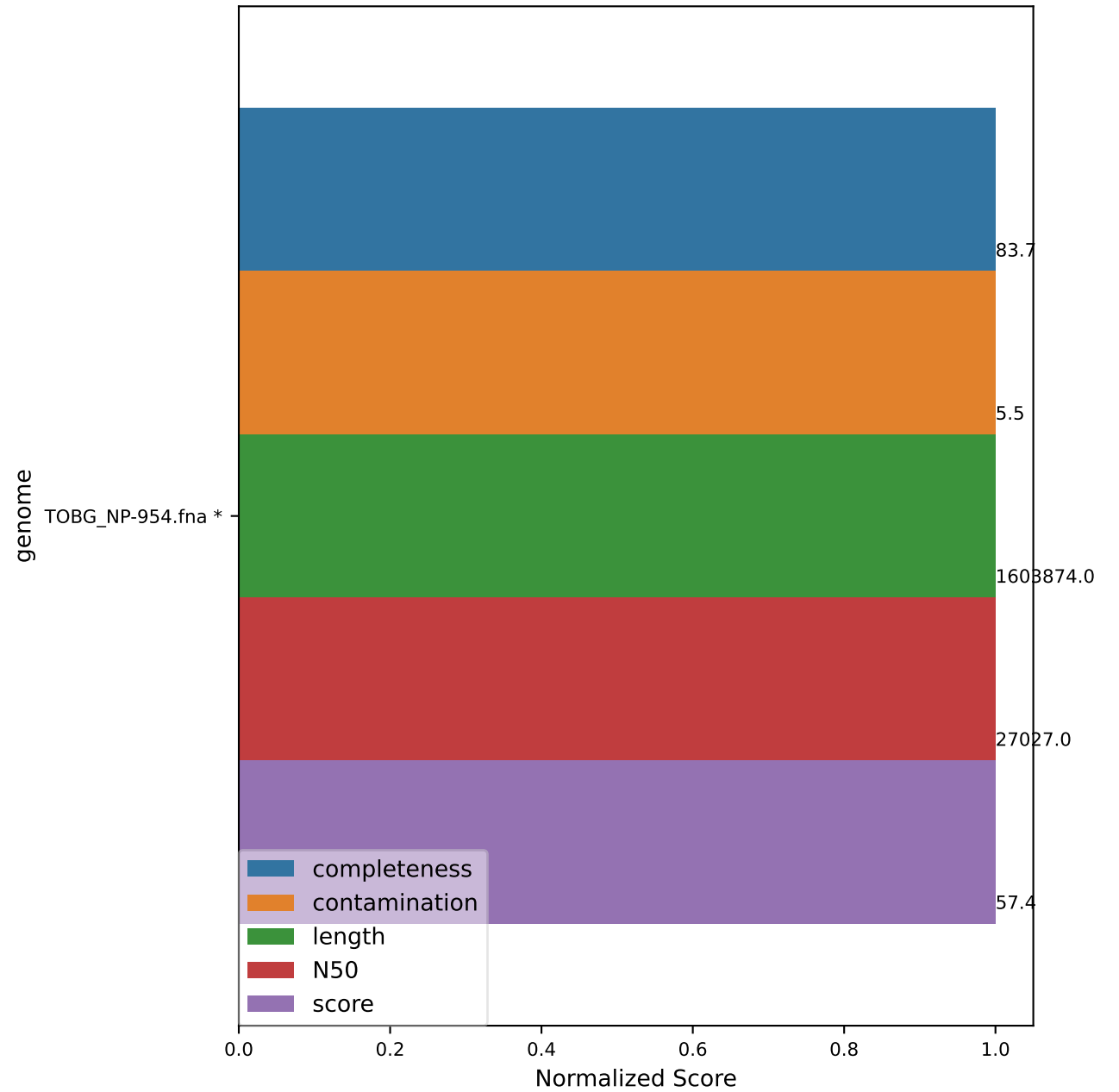
Scoring of cluster 65\_1



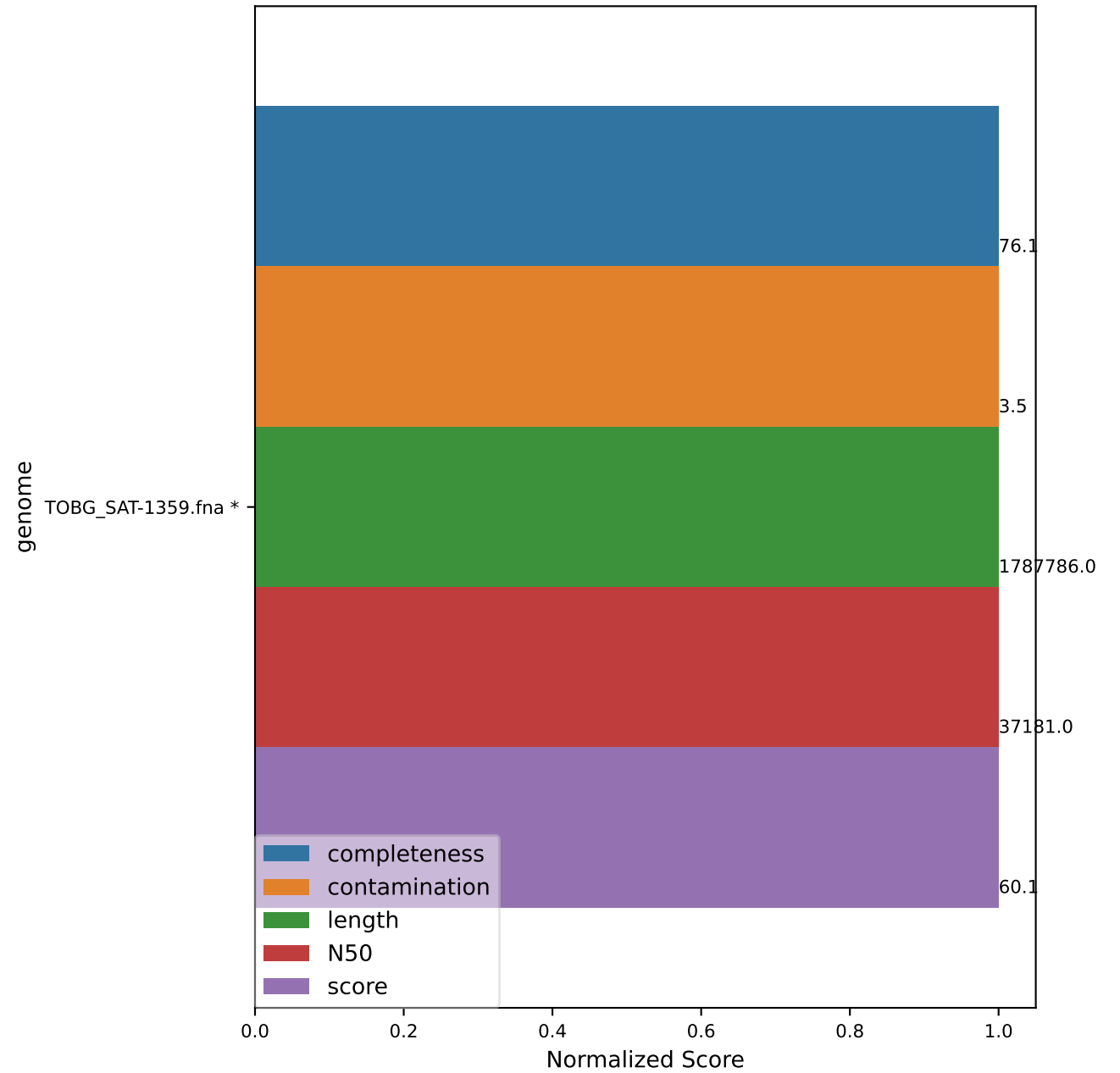
Scoring of cluster 65\_2



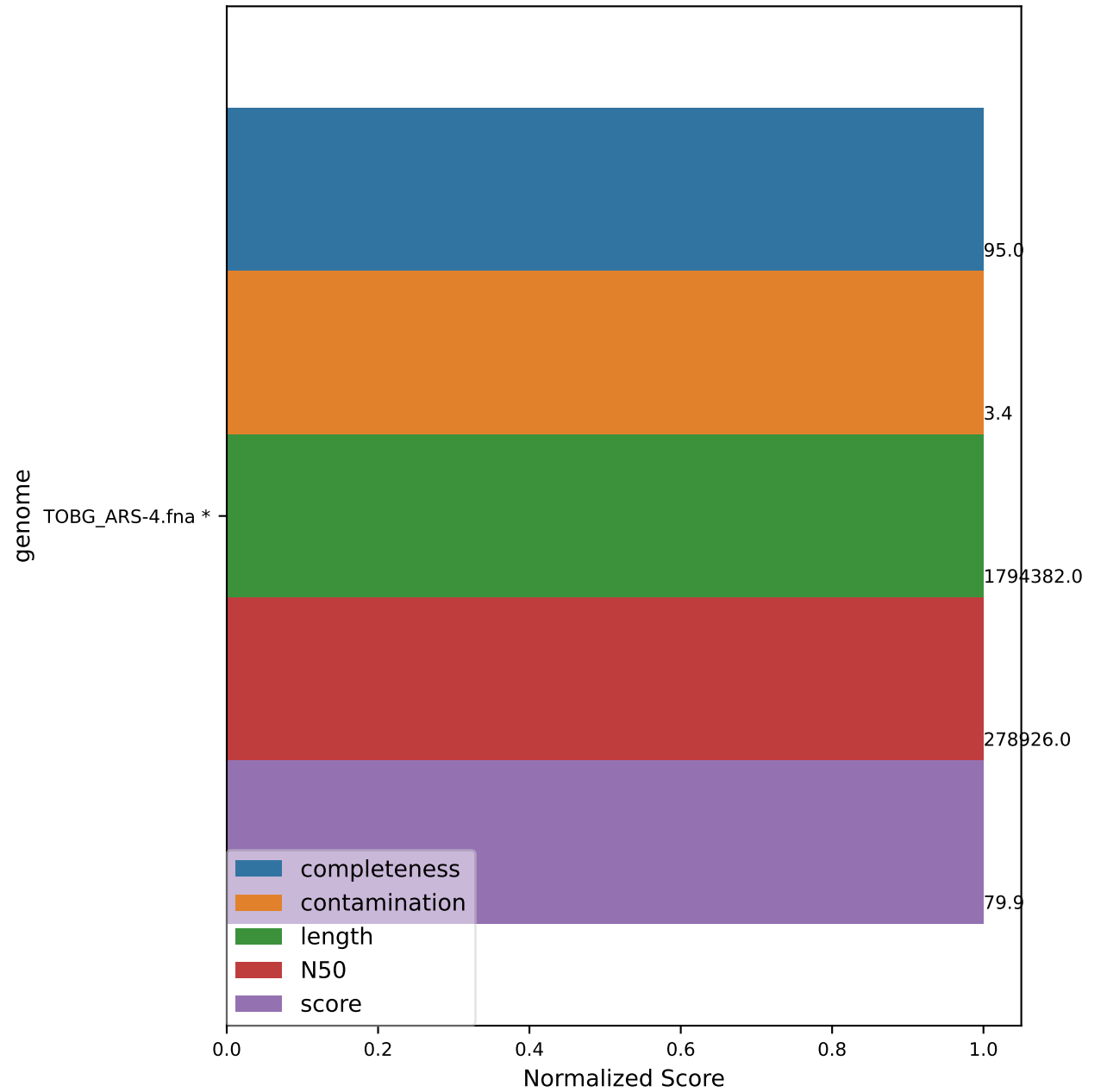
Scoring of cluster 66\_0



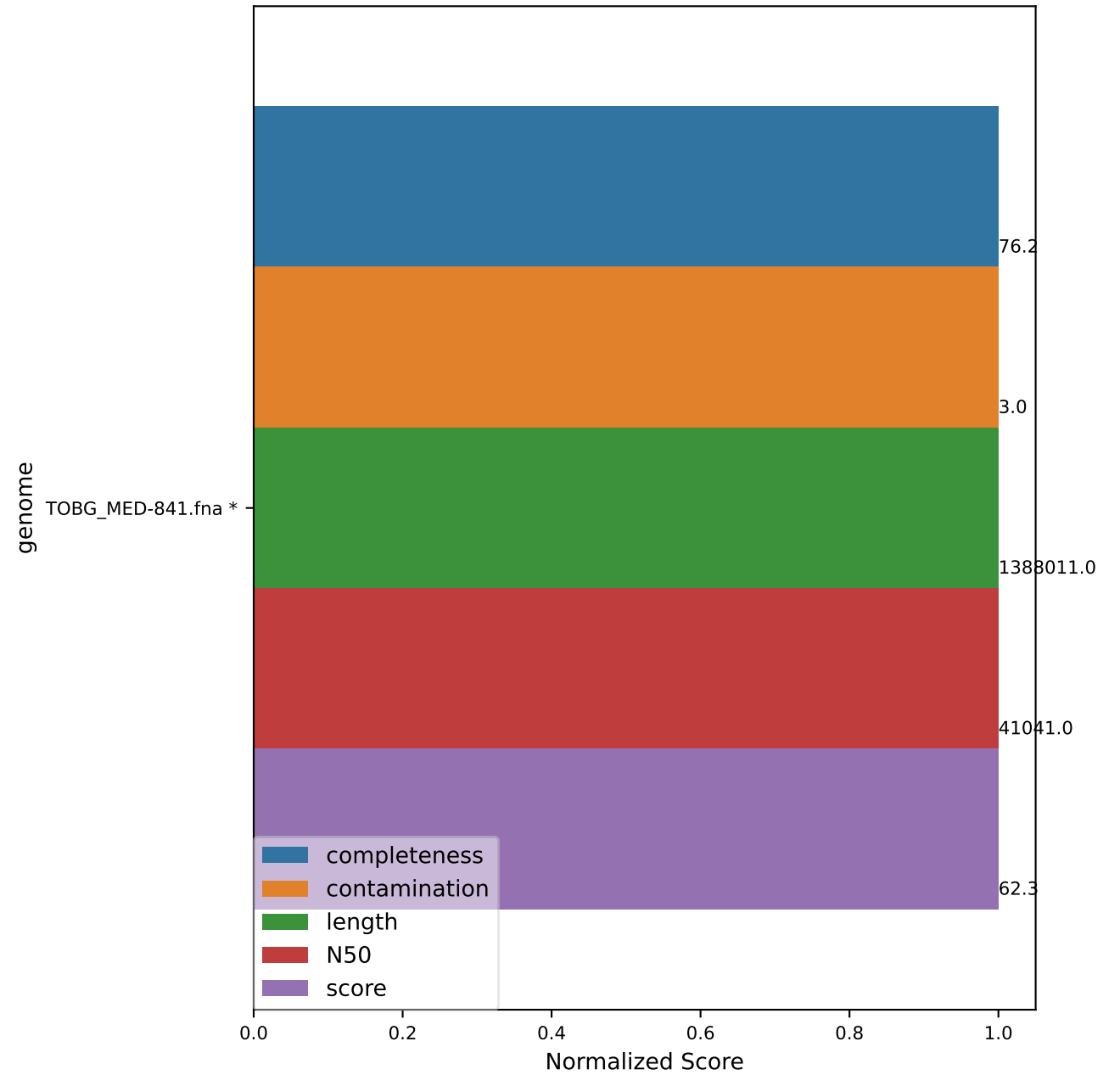
Scoring of cluster 67\_0



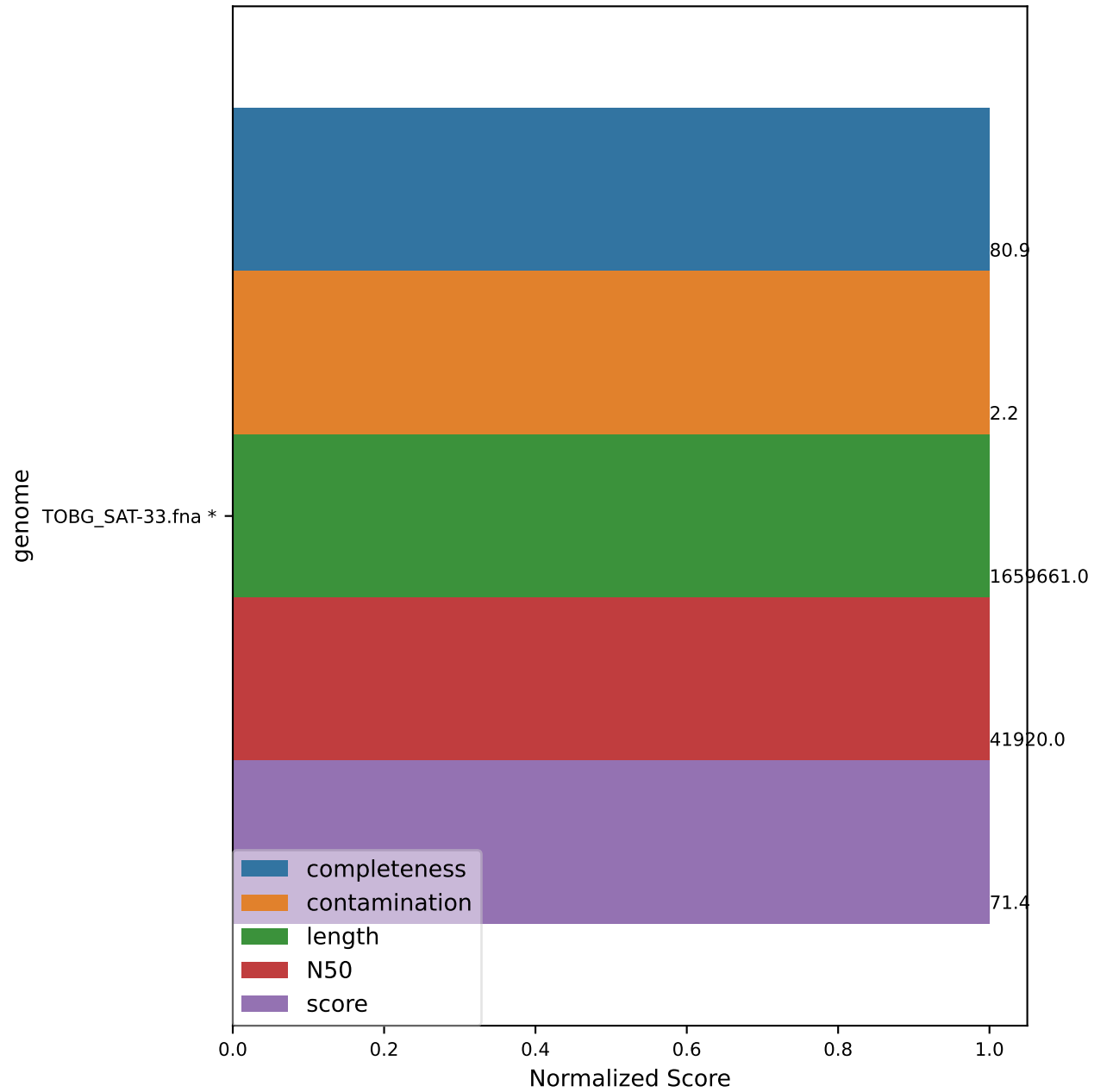
Scoring of cluster 68\_0



Scoring of cluster 69\_0

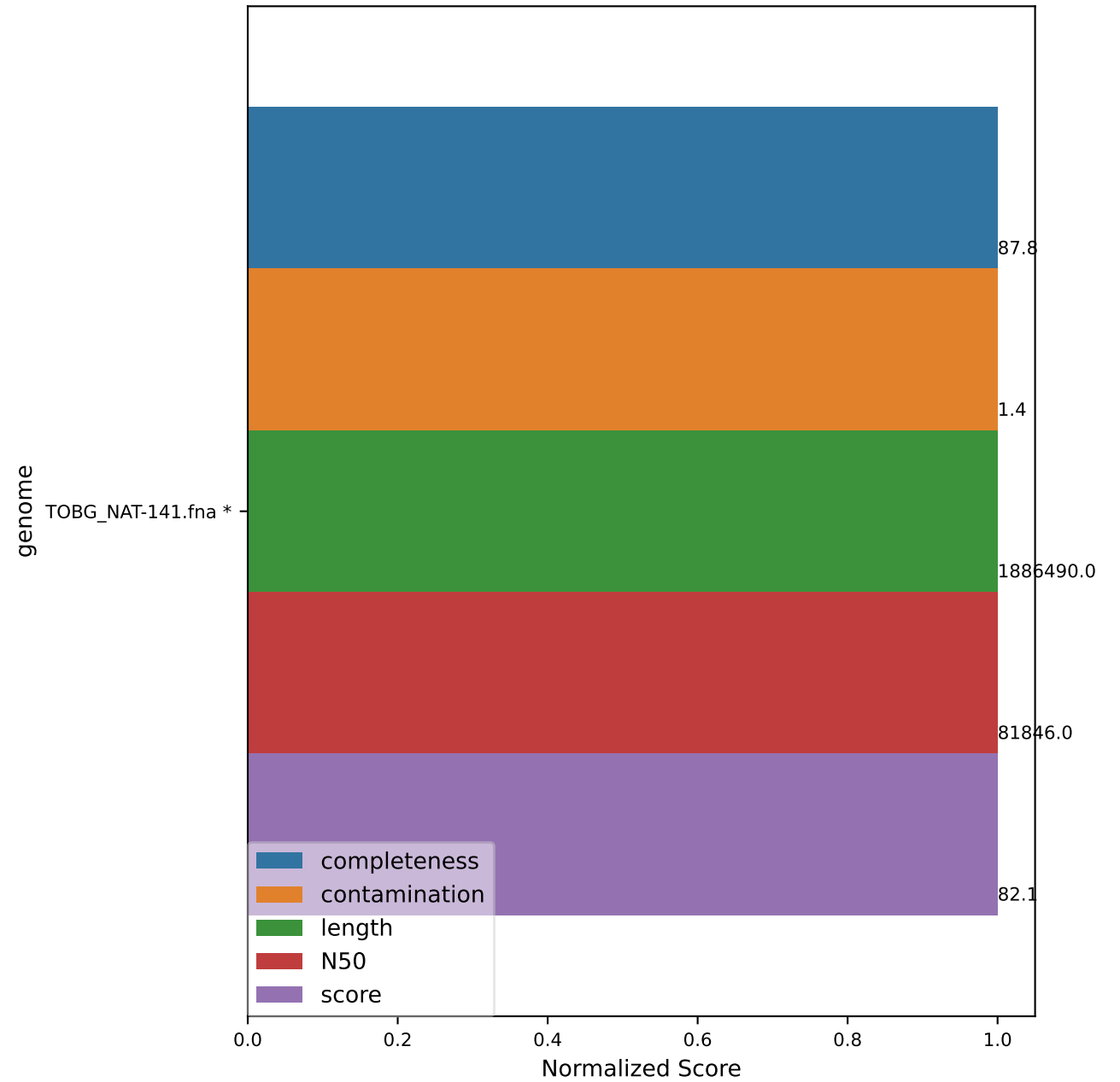


Scoring of cluster 70\_0

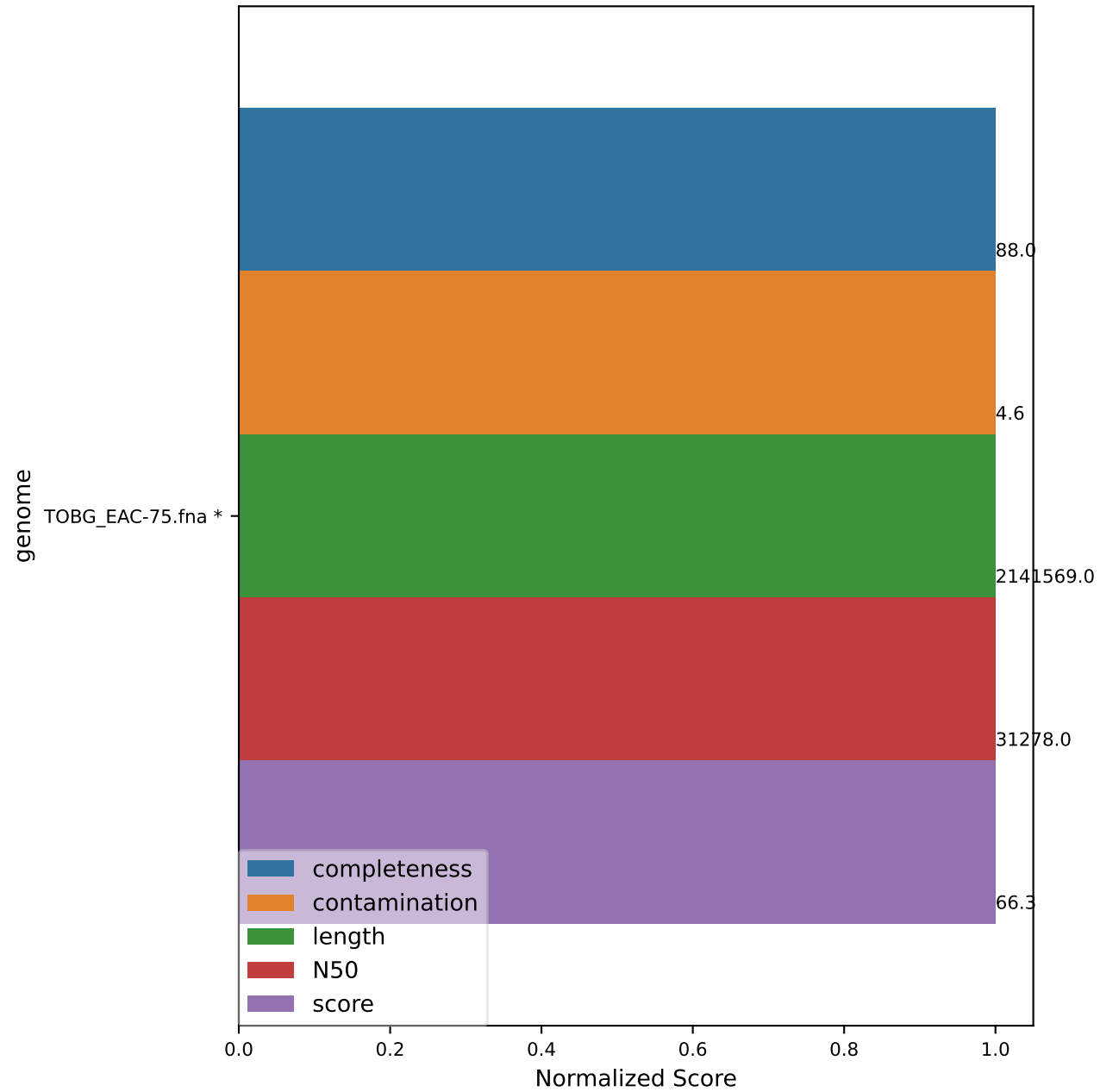




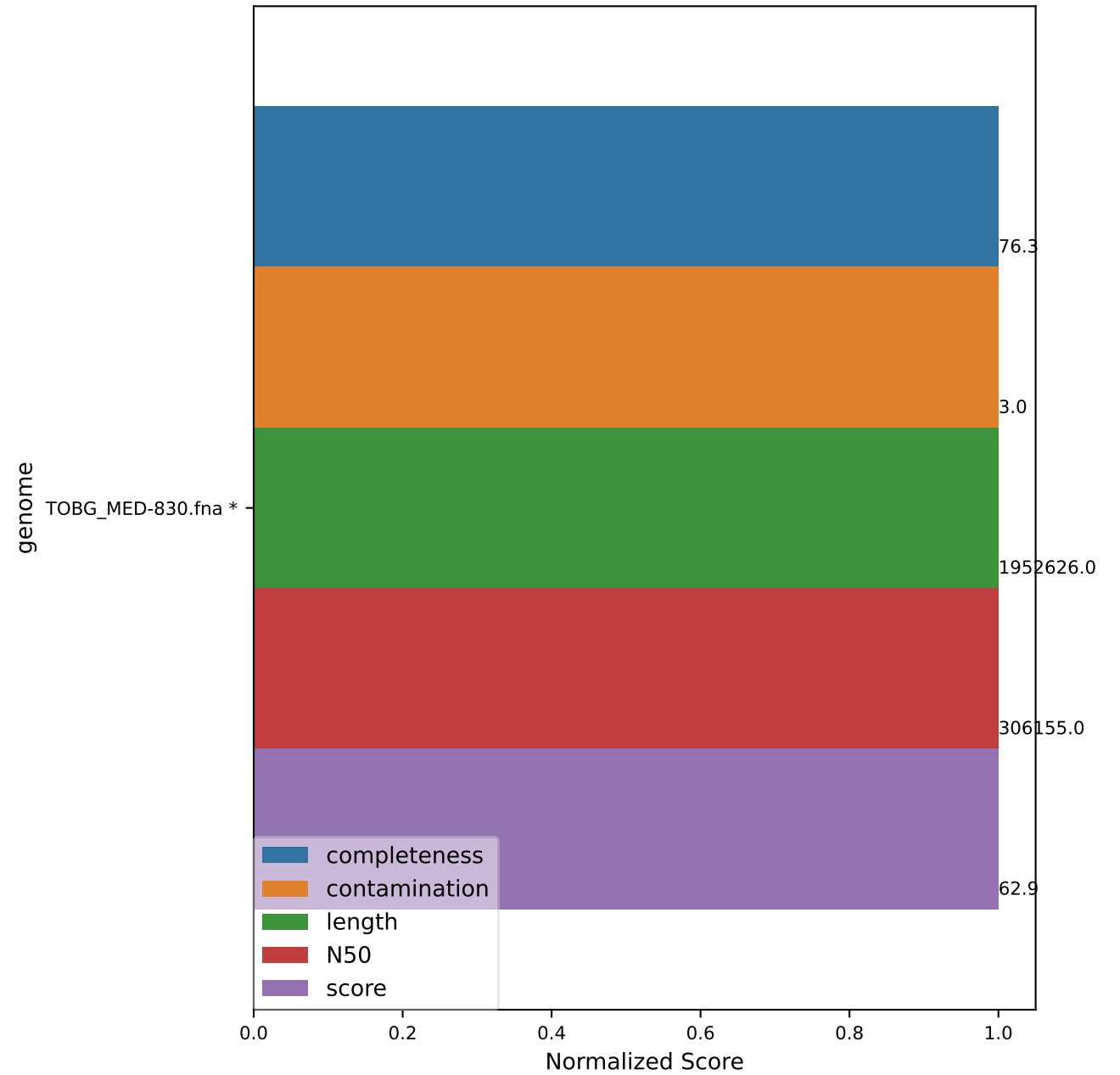
Scoring of cluster 71\_0



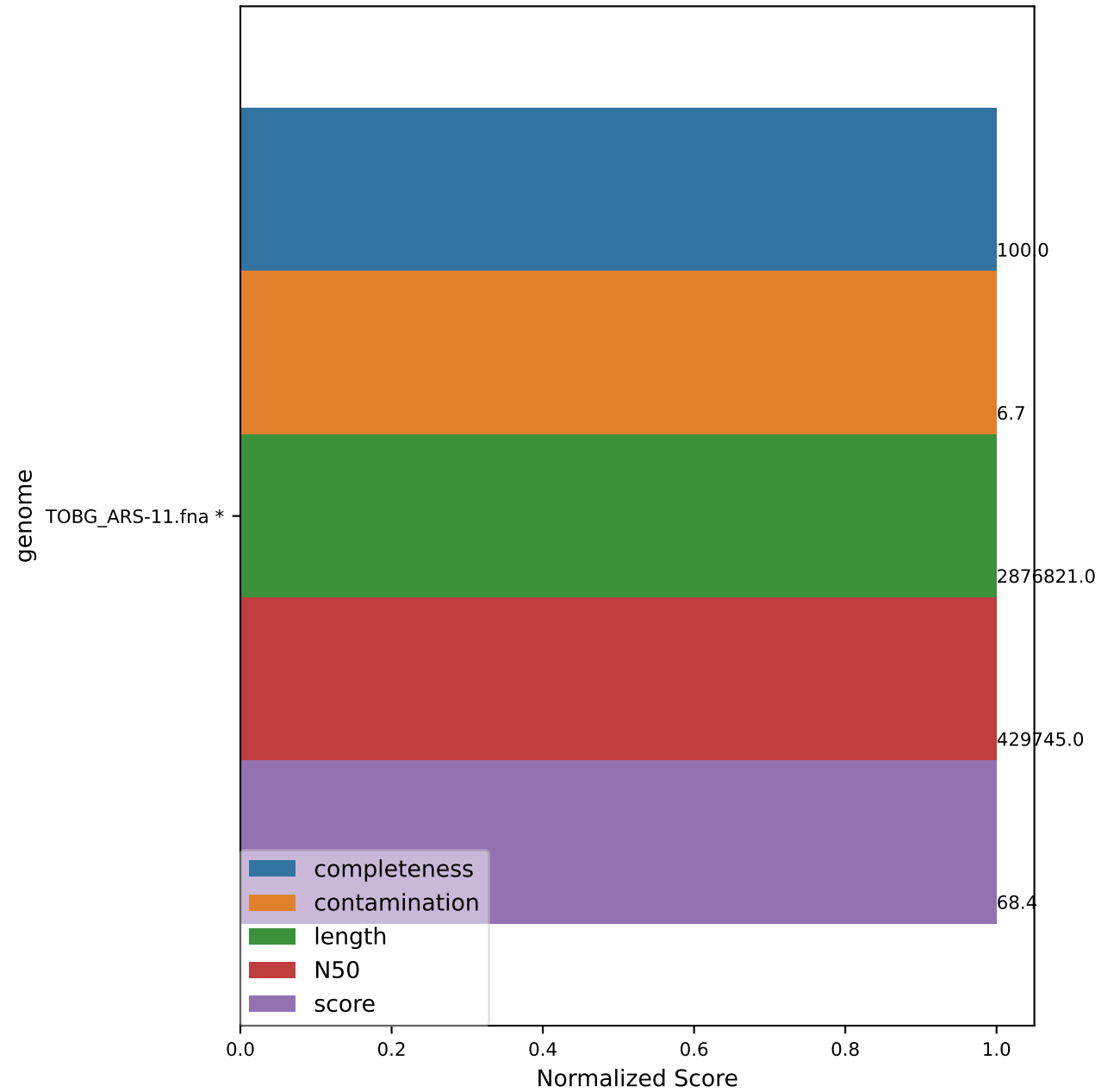
Scoring of cluster 72\_0



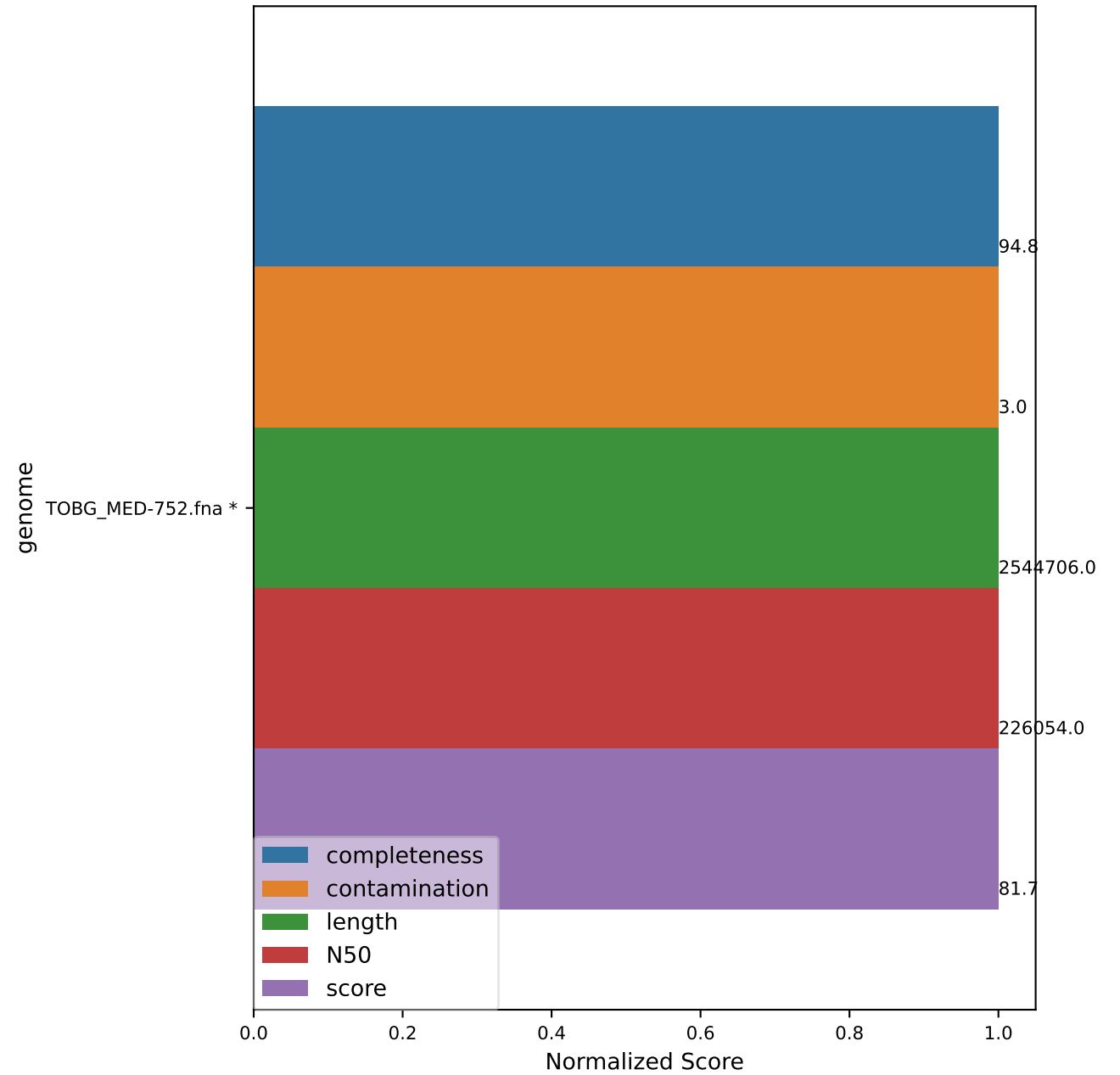
Scoring of cluster 73\_0



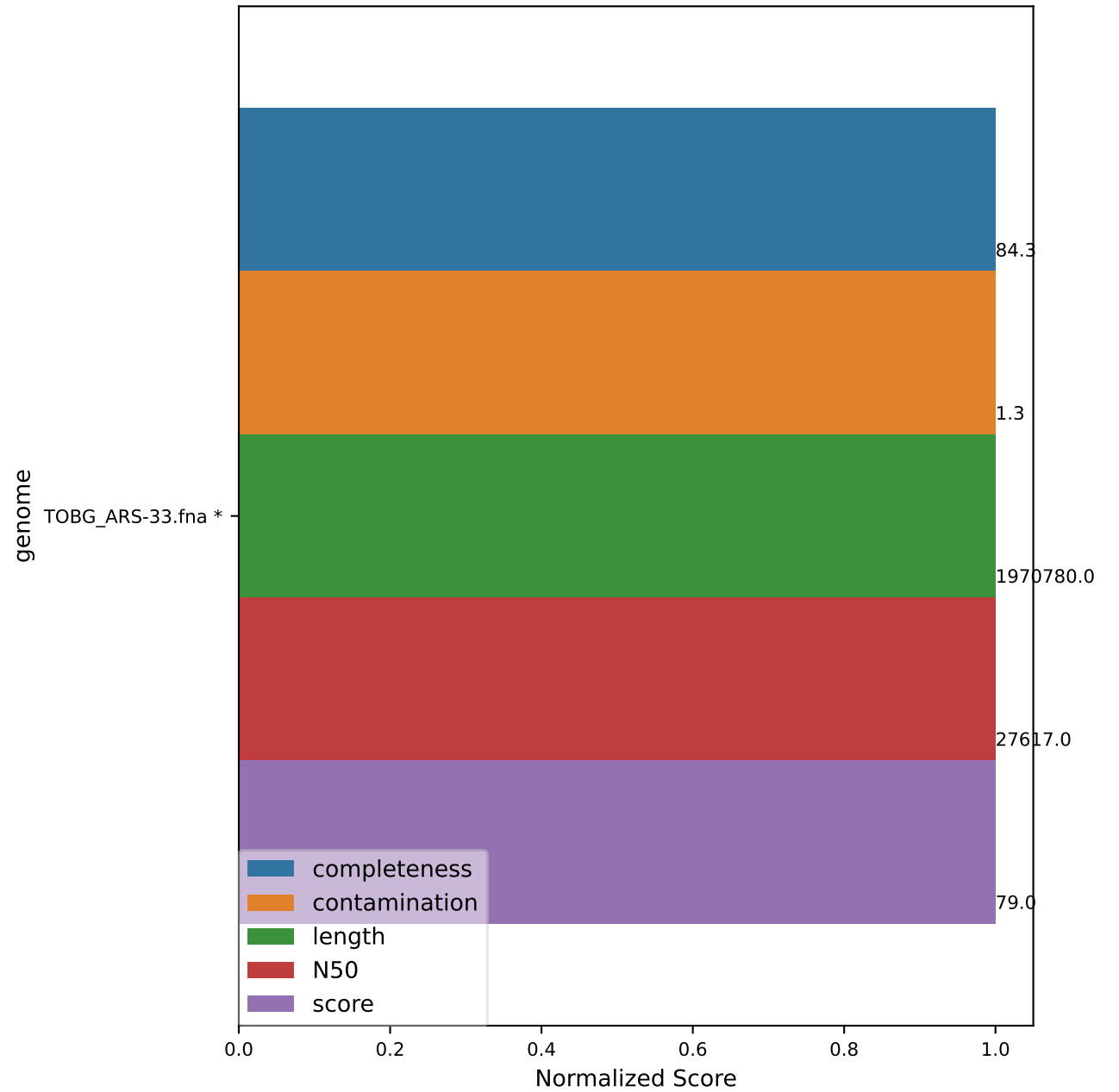
Scoring of cluster 74\_0



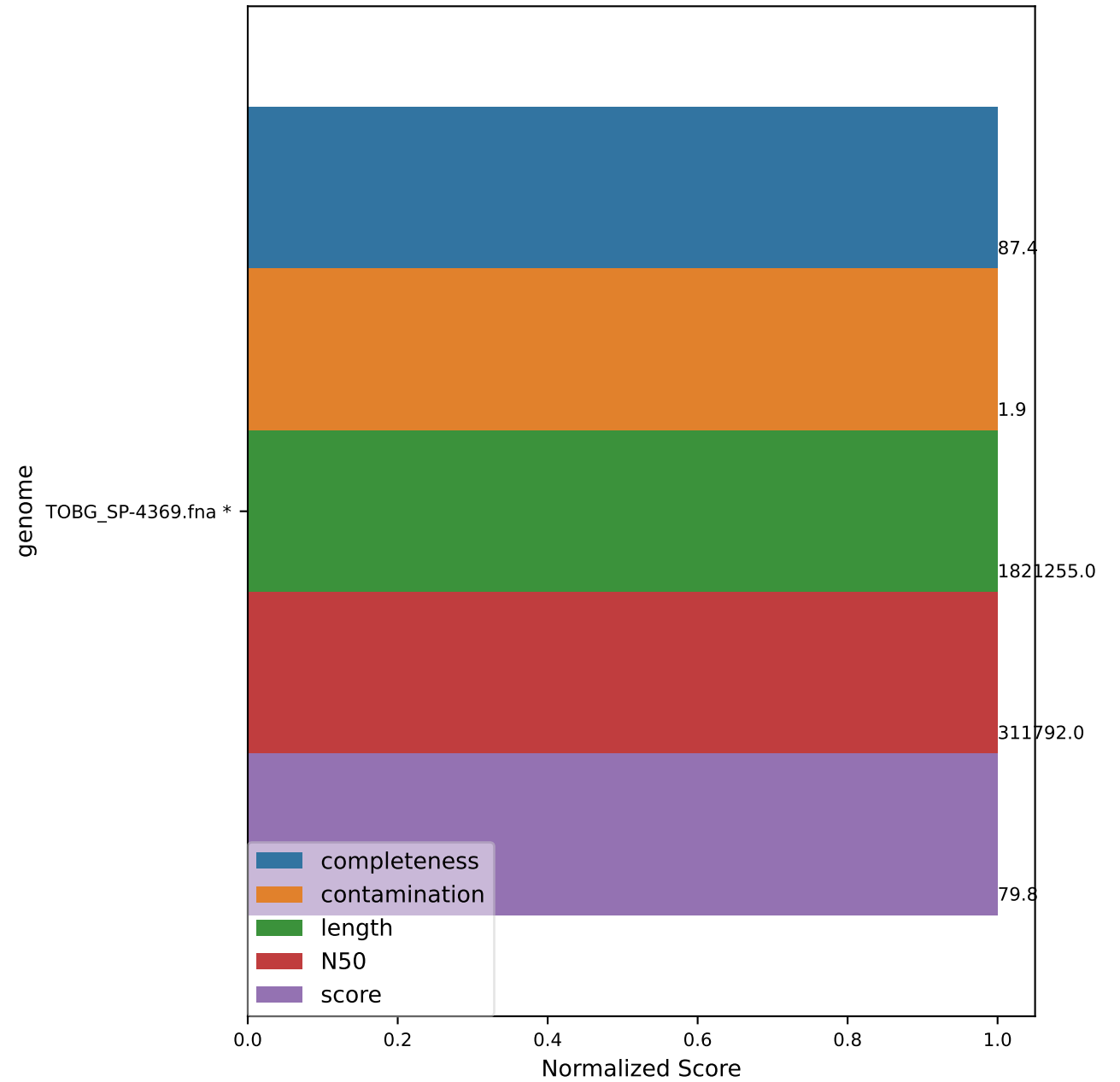
Scoring of cluster 75\_0



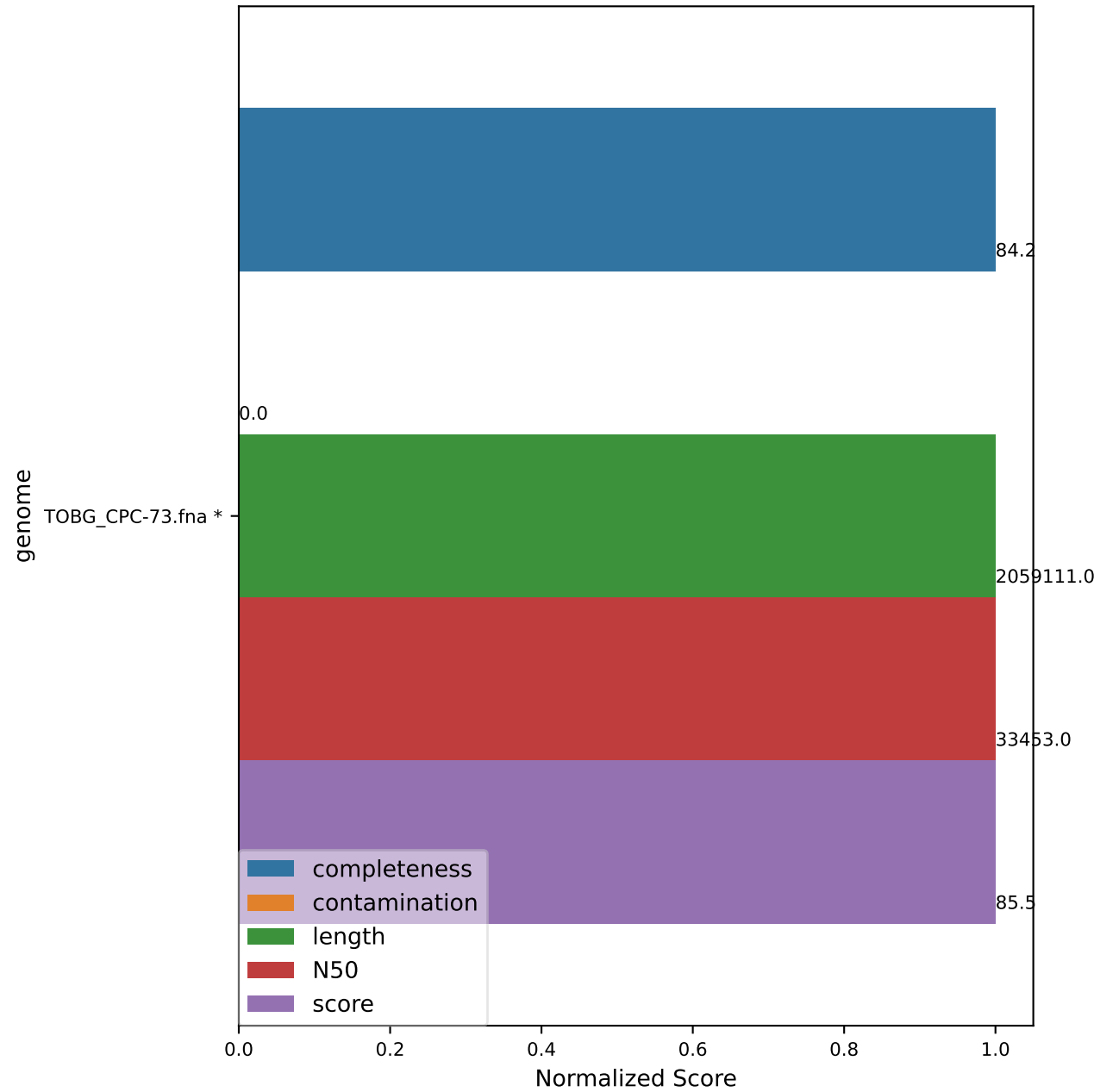
Scoring of cluster 76\_0



Scoring of cluster 77\_0

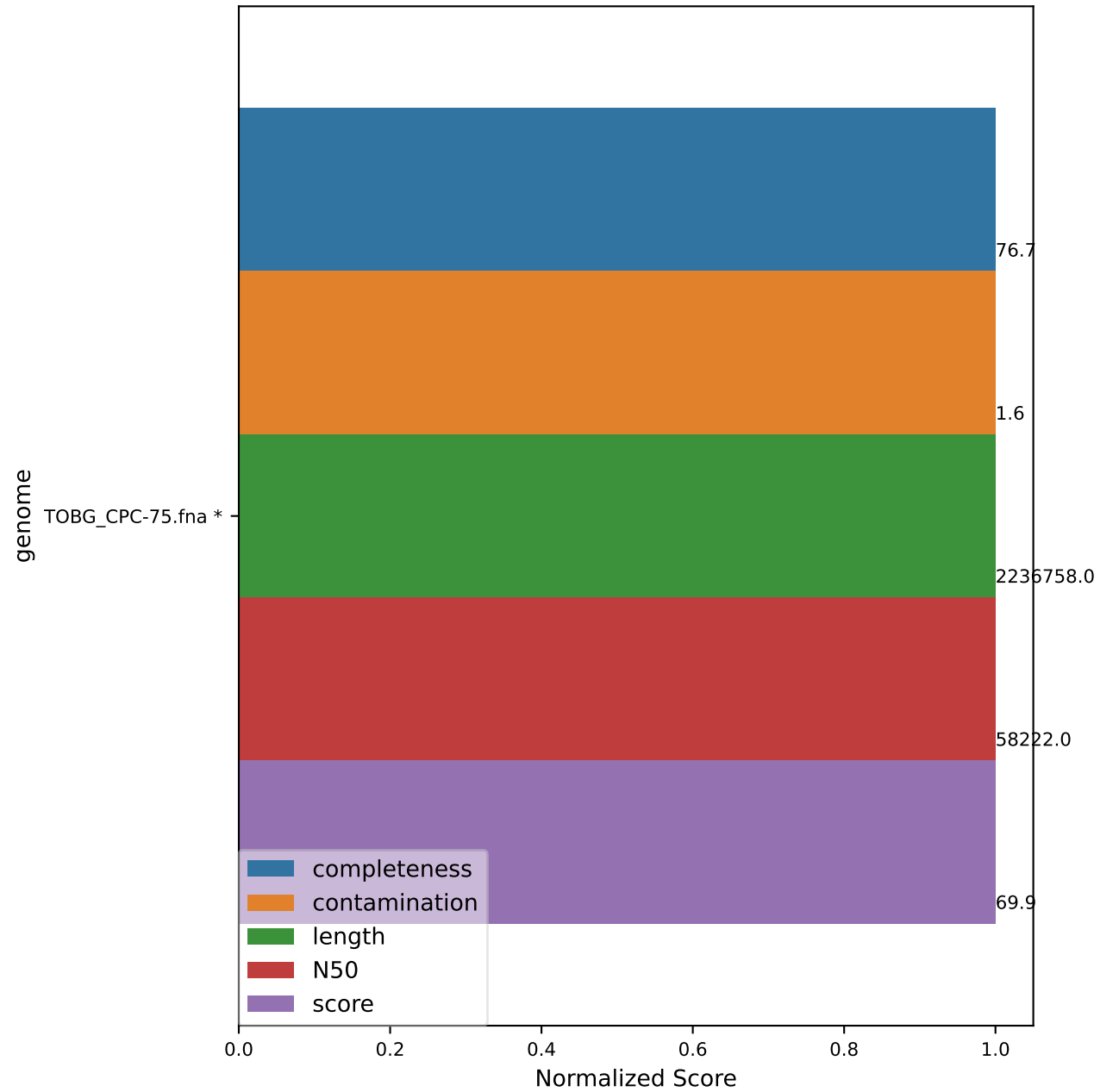


Scoring of cluster 78\_0

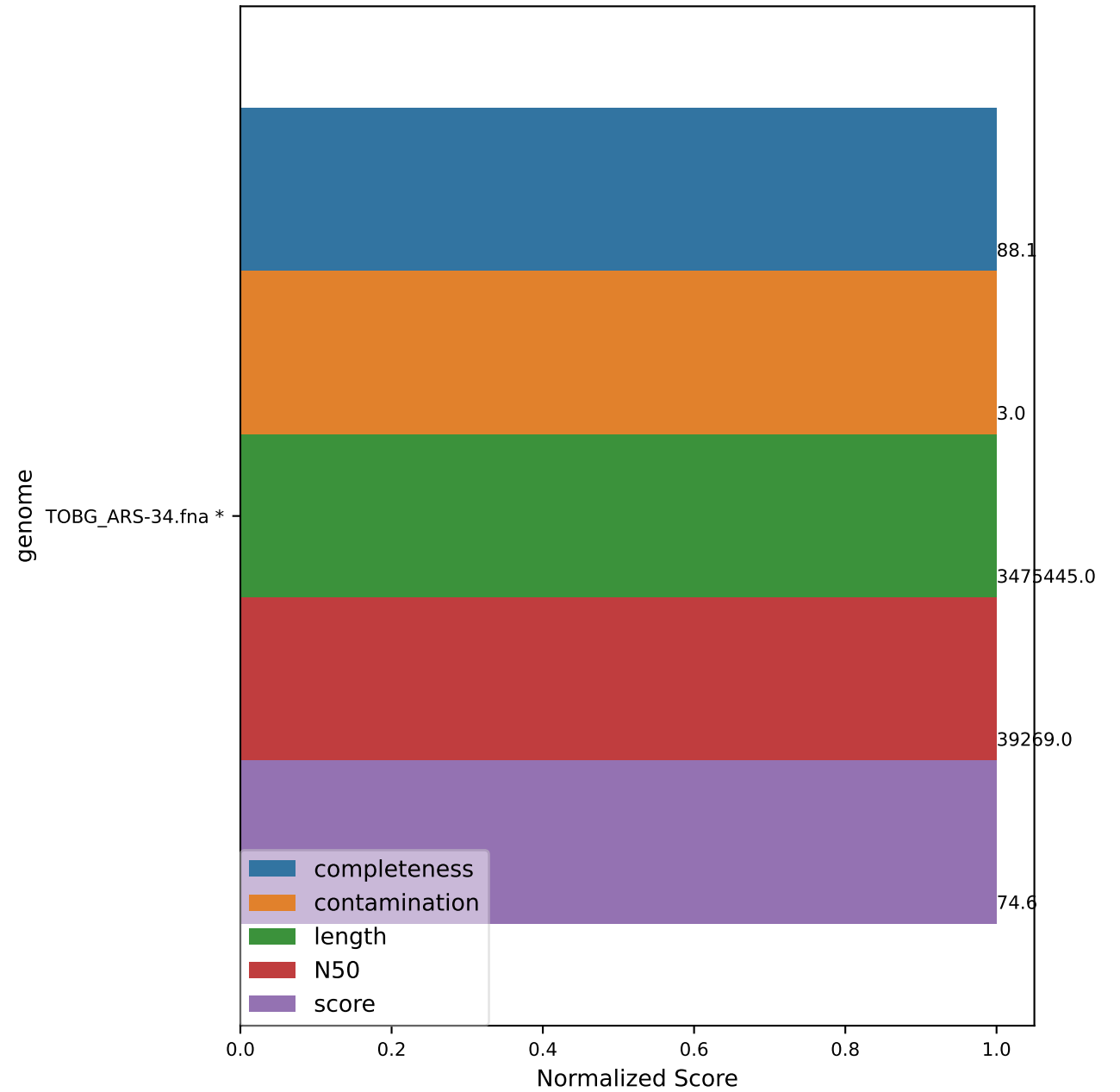




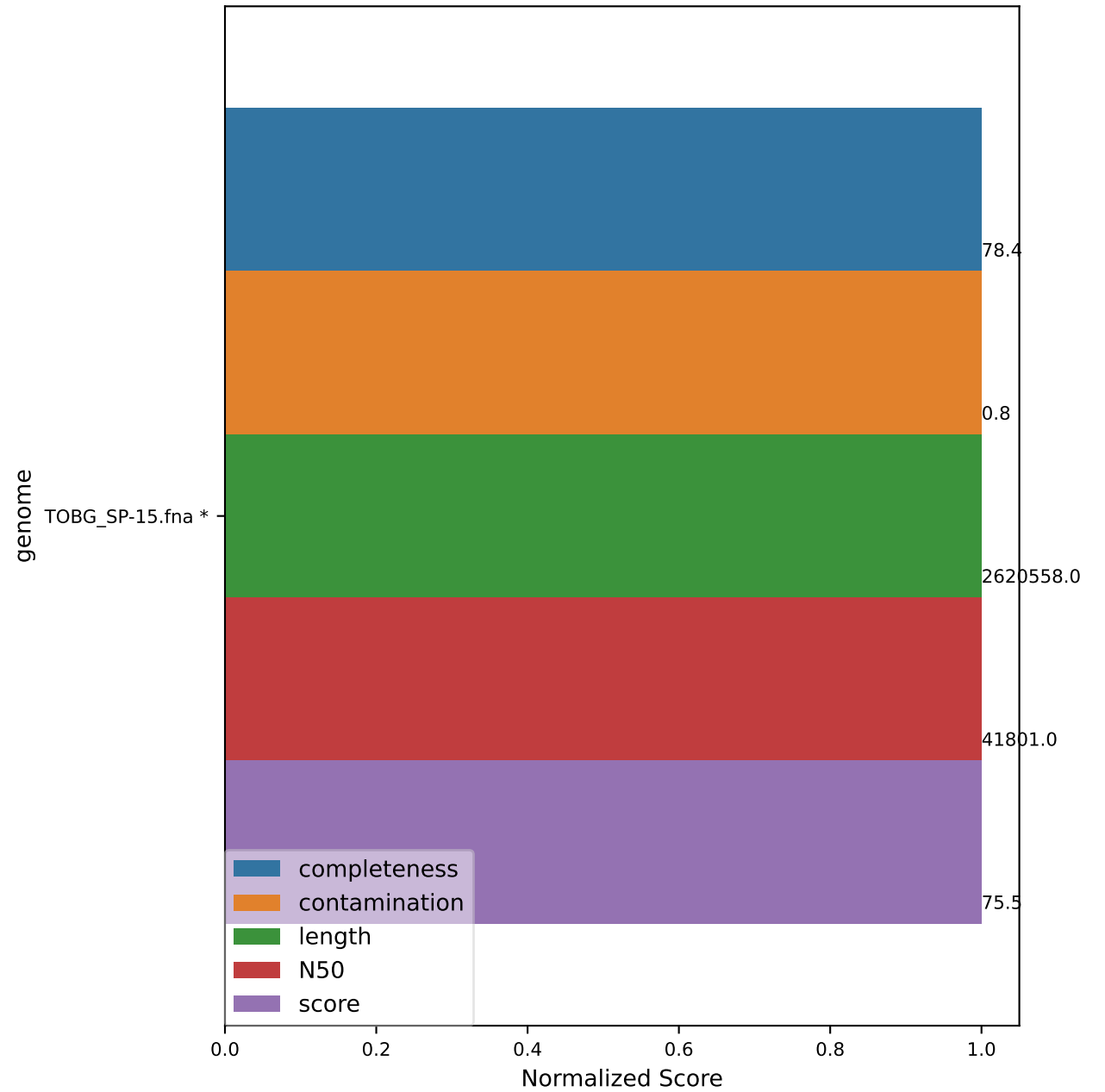
Scoring of cluster 79\_0



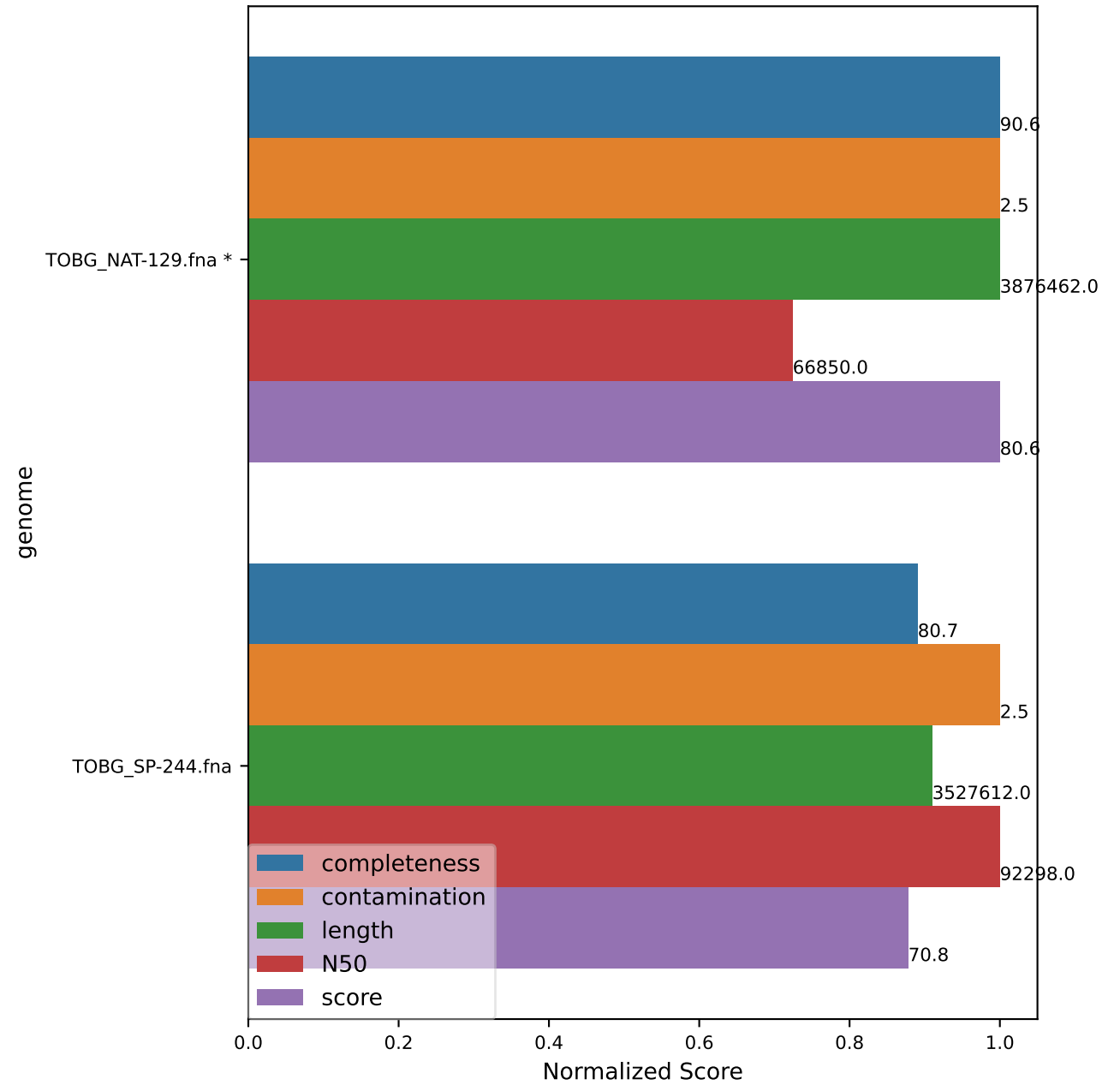
Scoring of cluster 80\_0



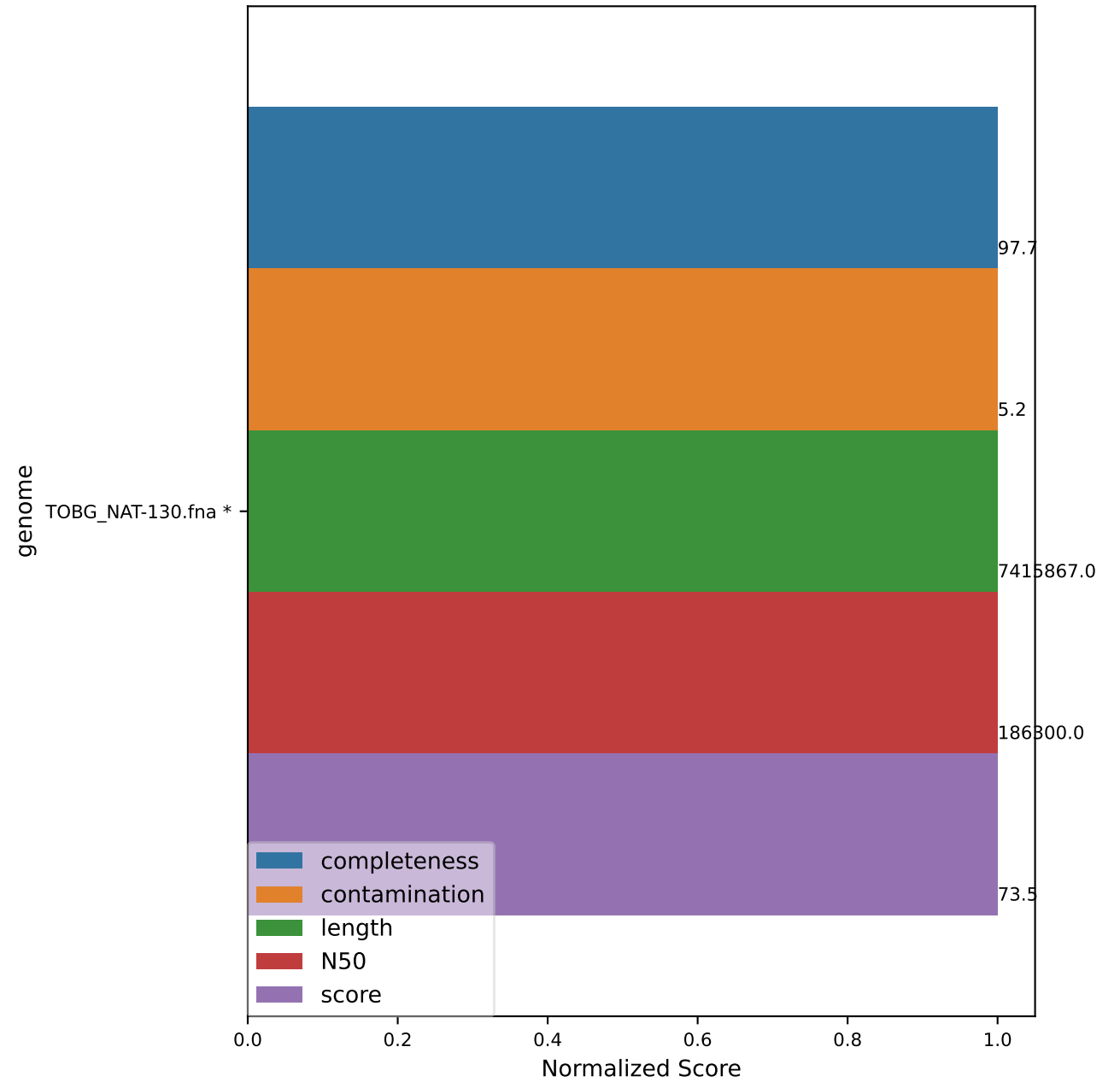
Scoring of cluster 81\_0



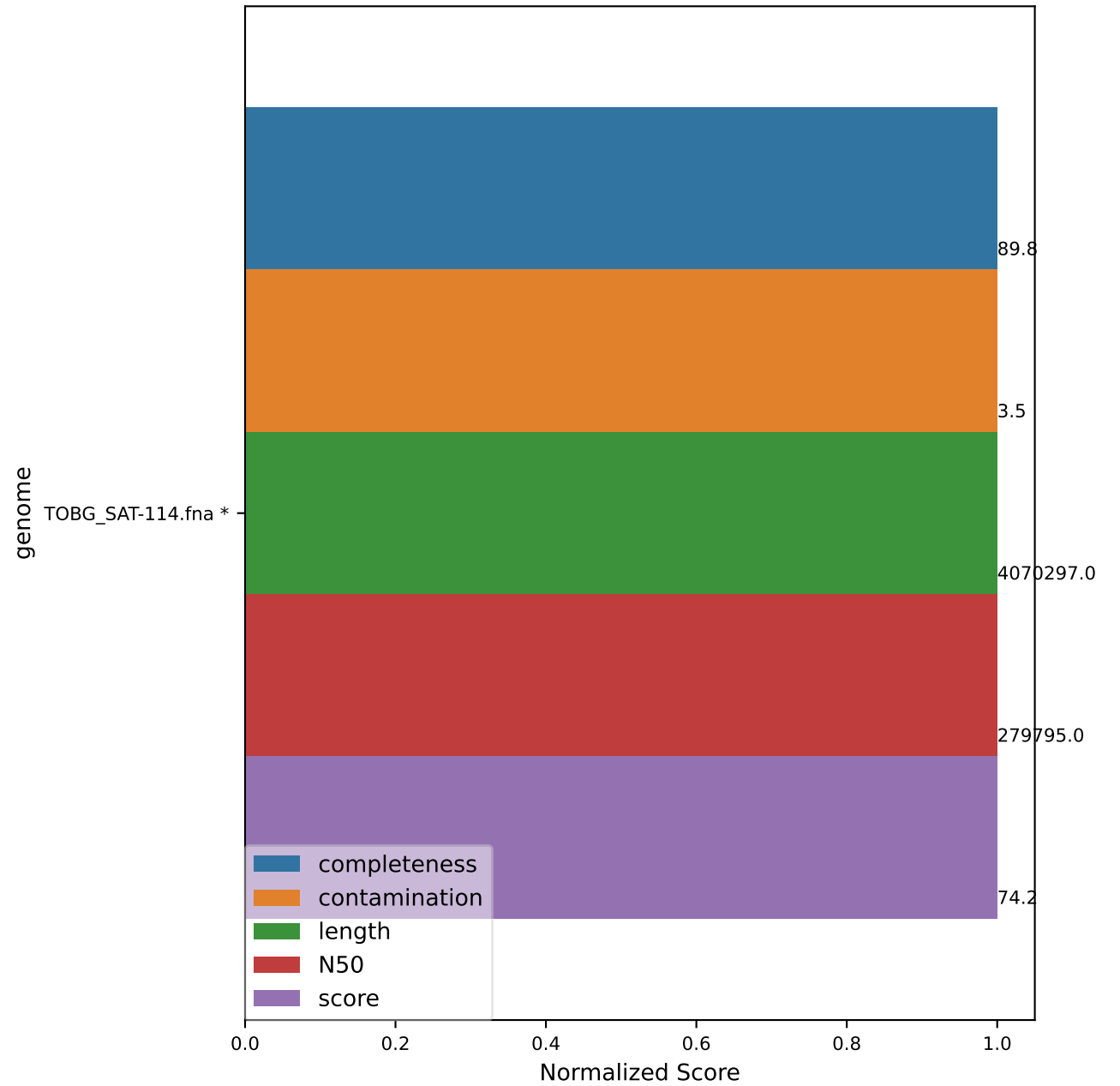
Scoring of cluster 82\_1



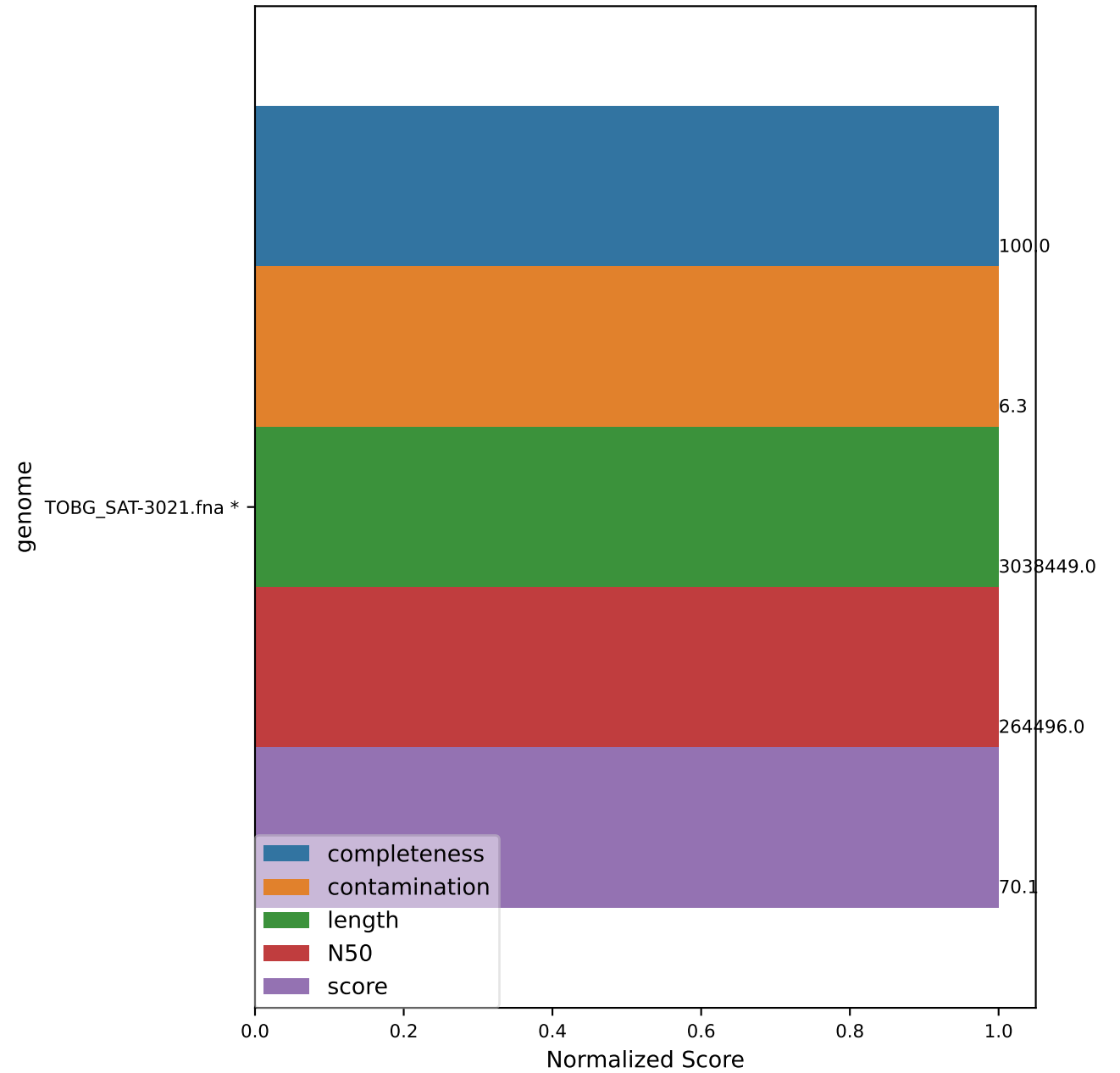
Scoring of cluster 83\_0



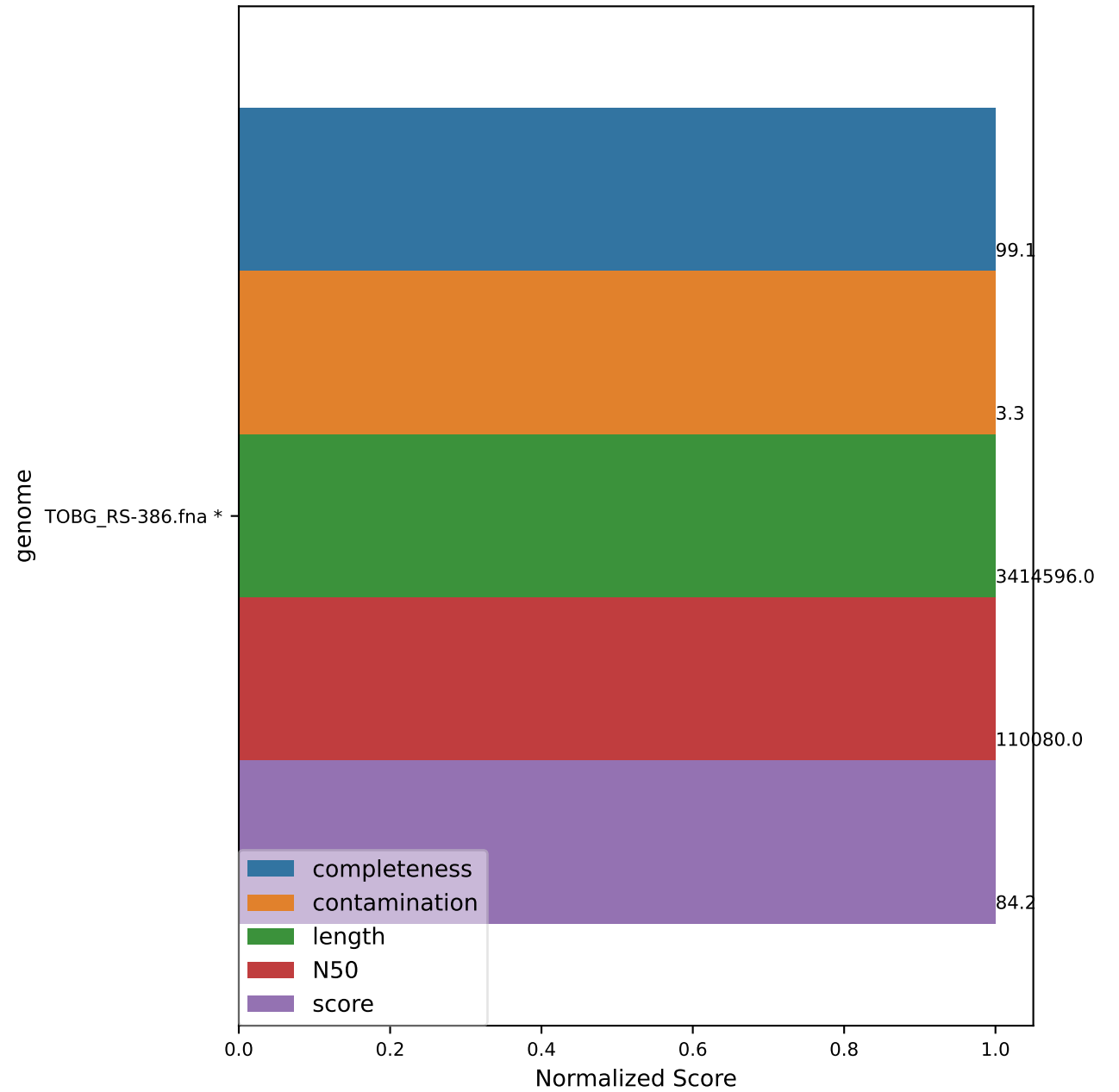
Scoring of cluster 84\_0



Scoring of cluster 85\_0

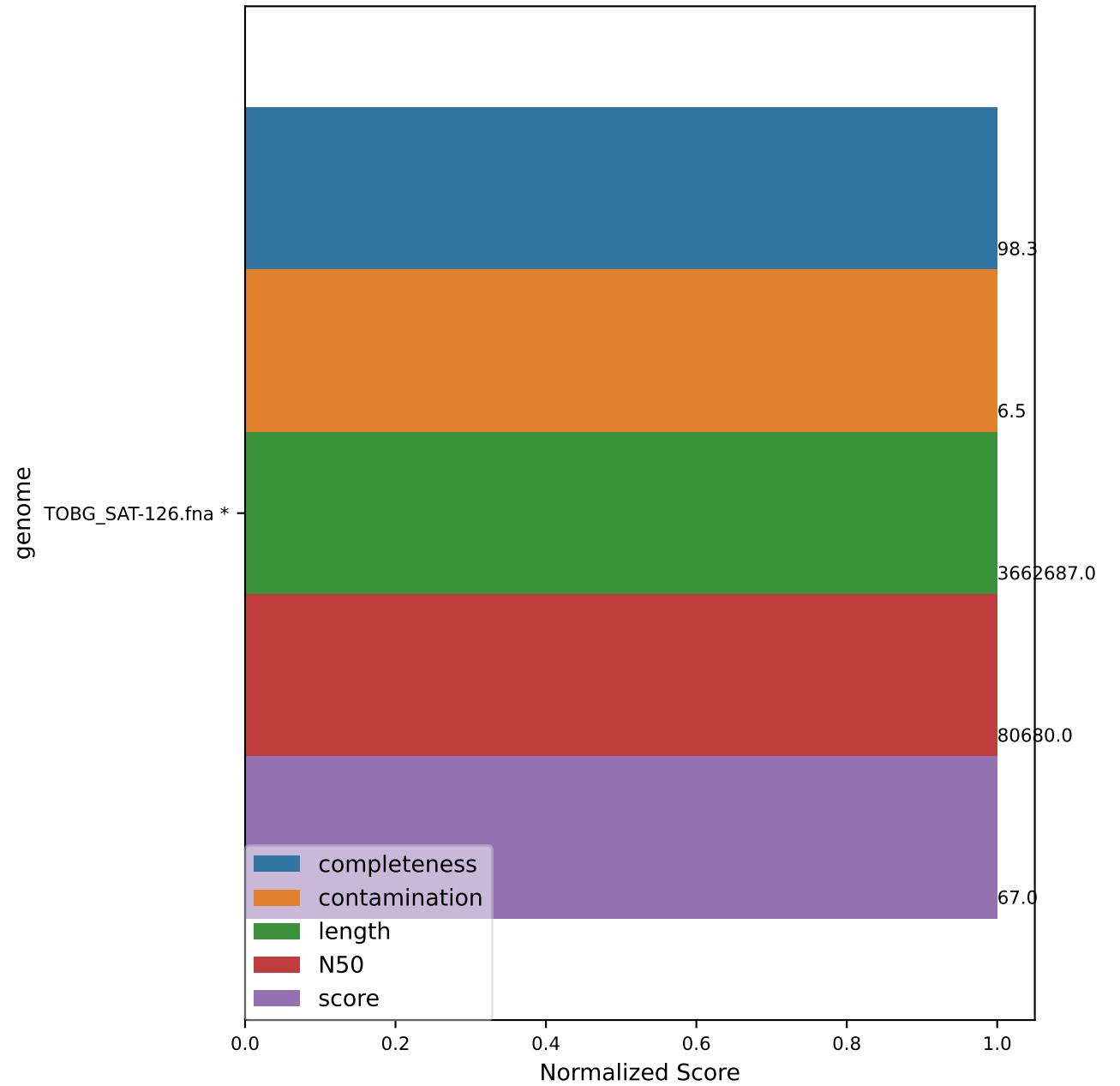


Scoring of cluster 86\_1

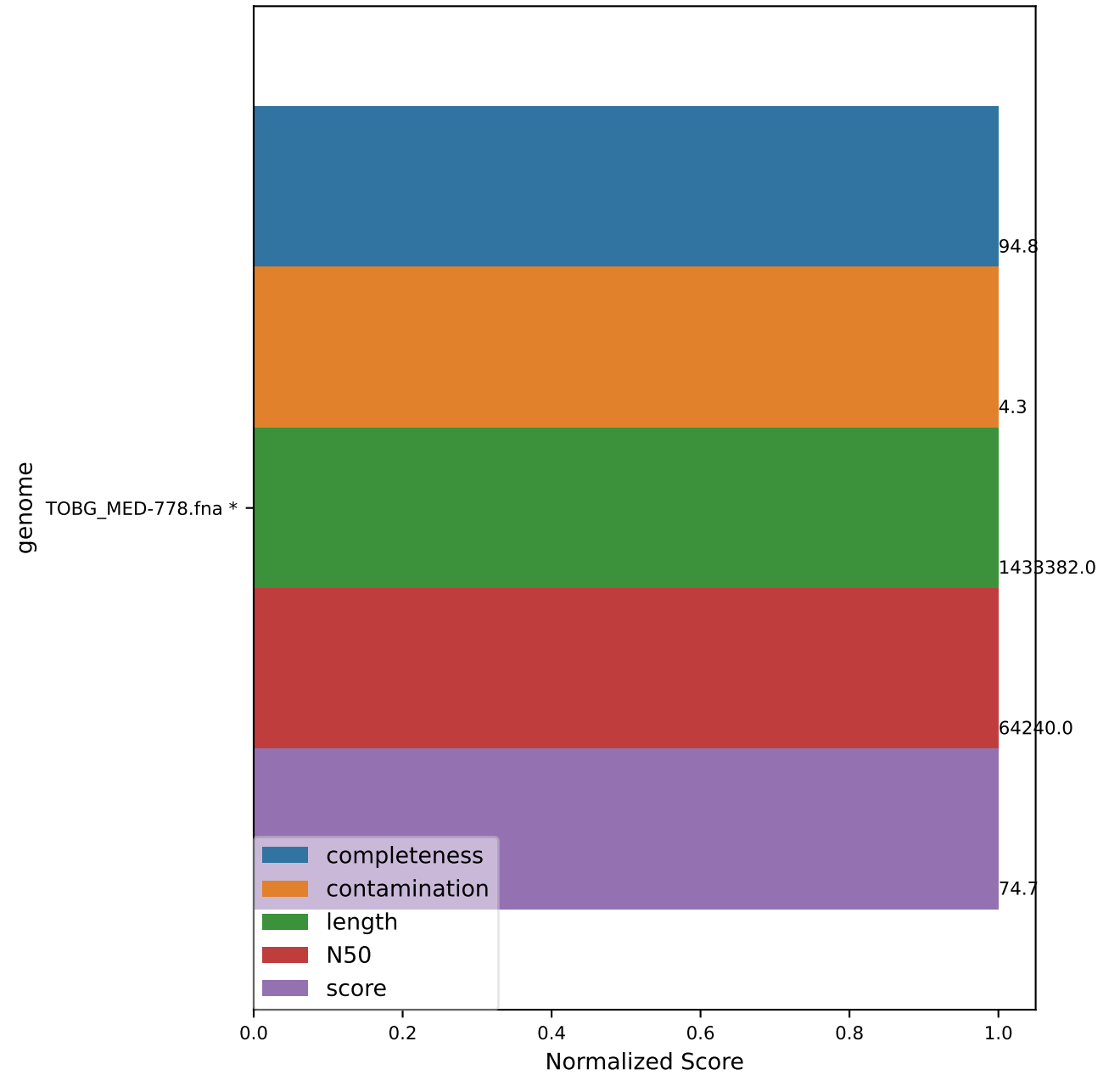




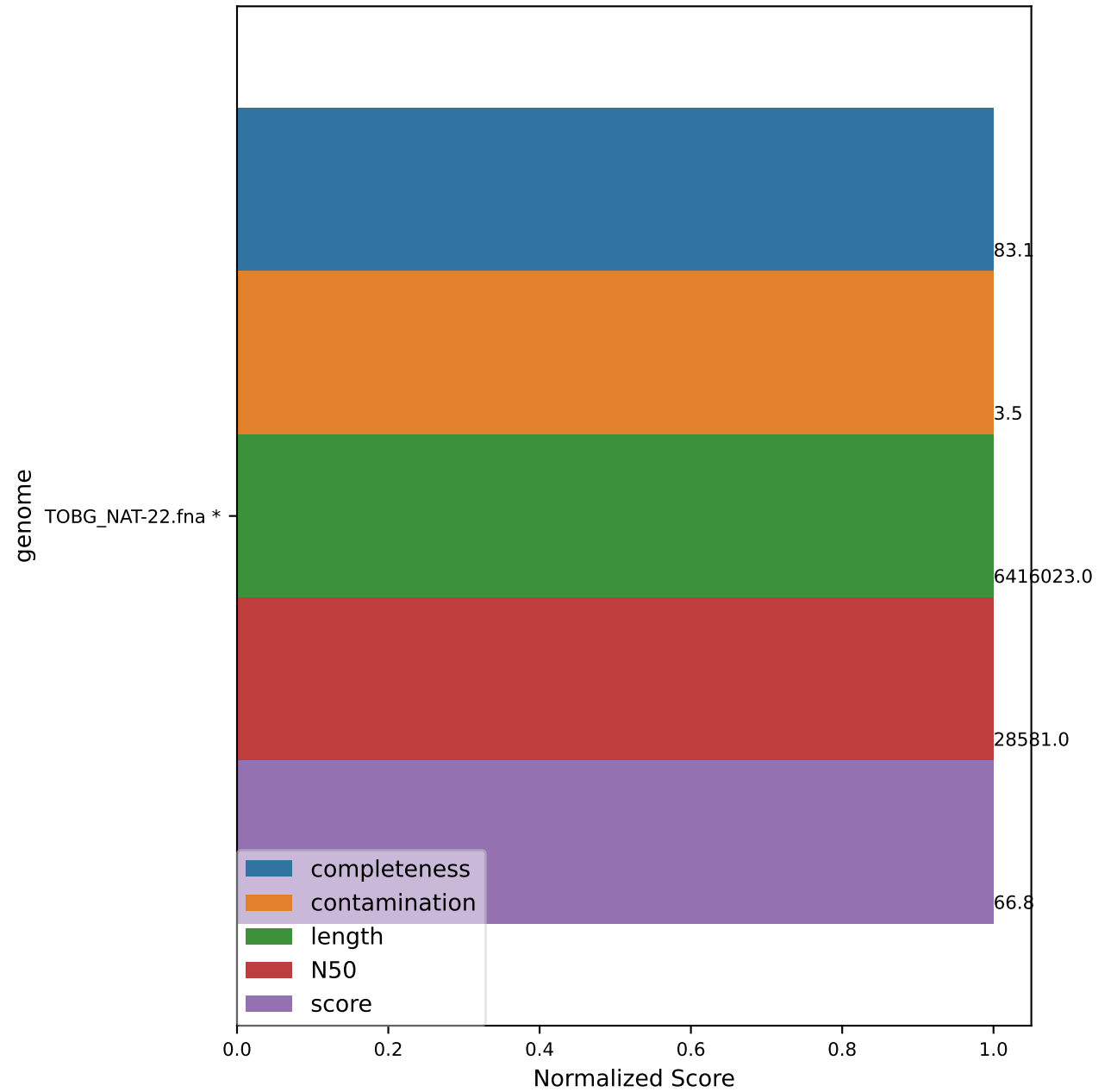
Scoring of cluster 86\_2



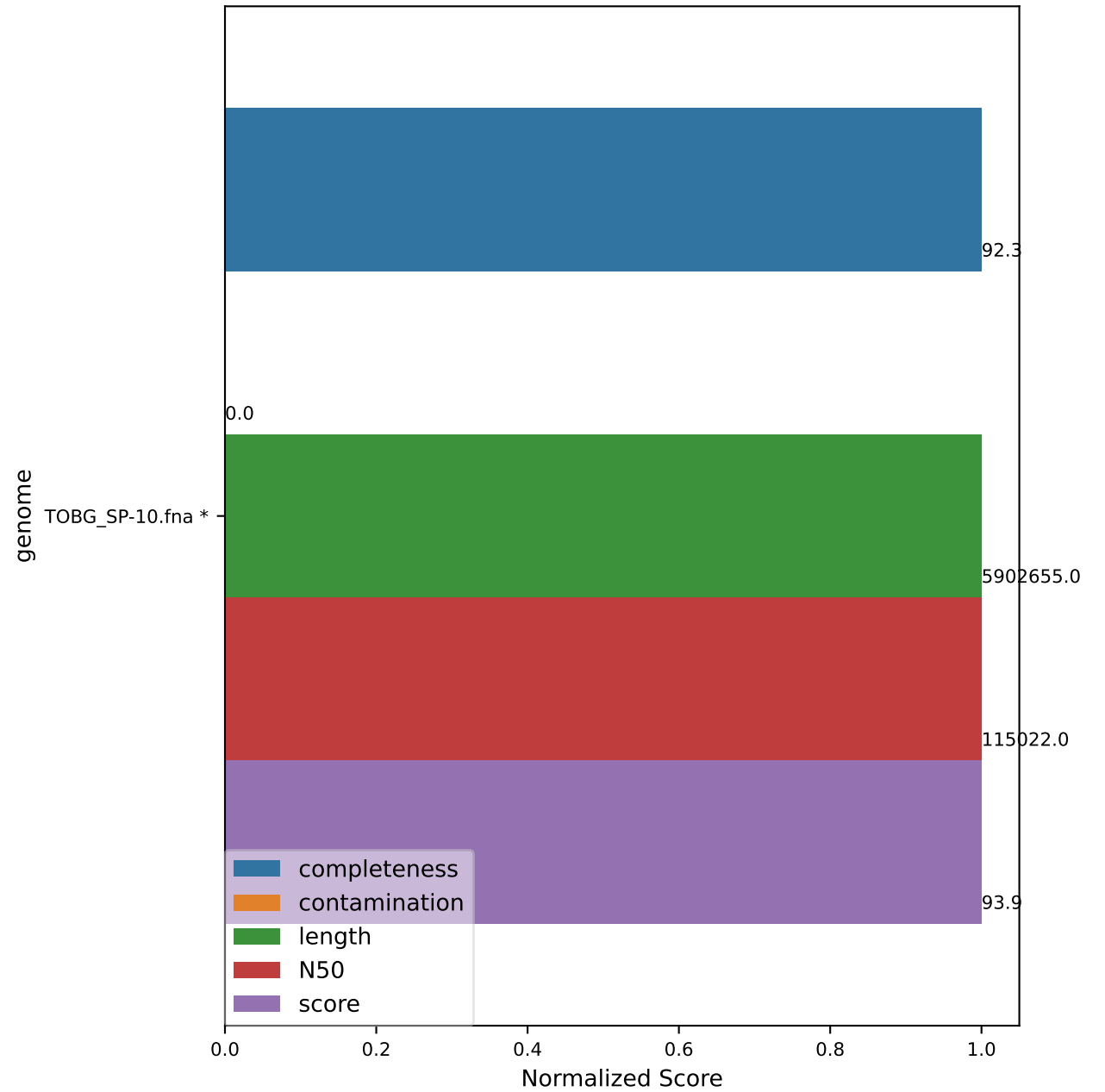
Scoring of cluster 87\_0



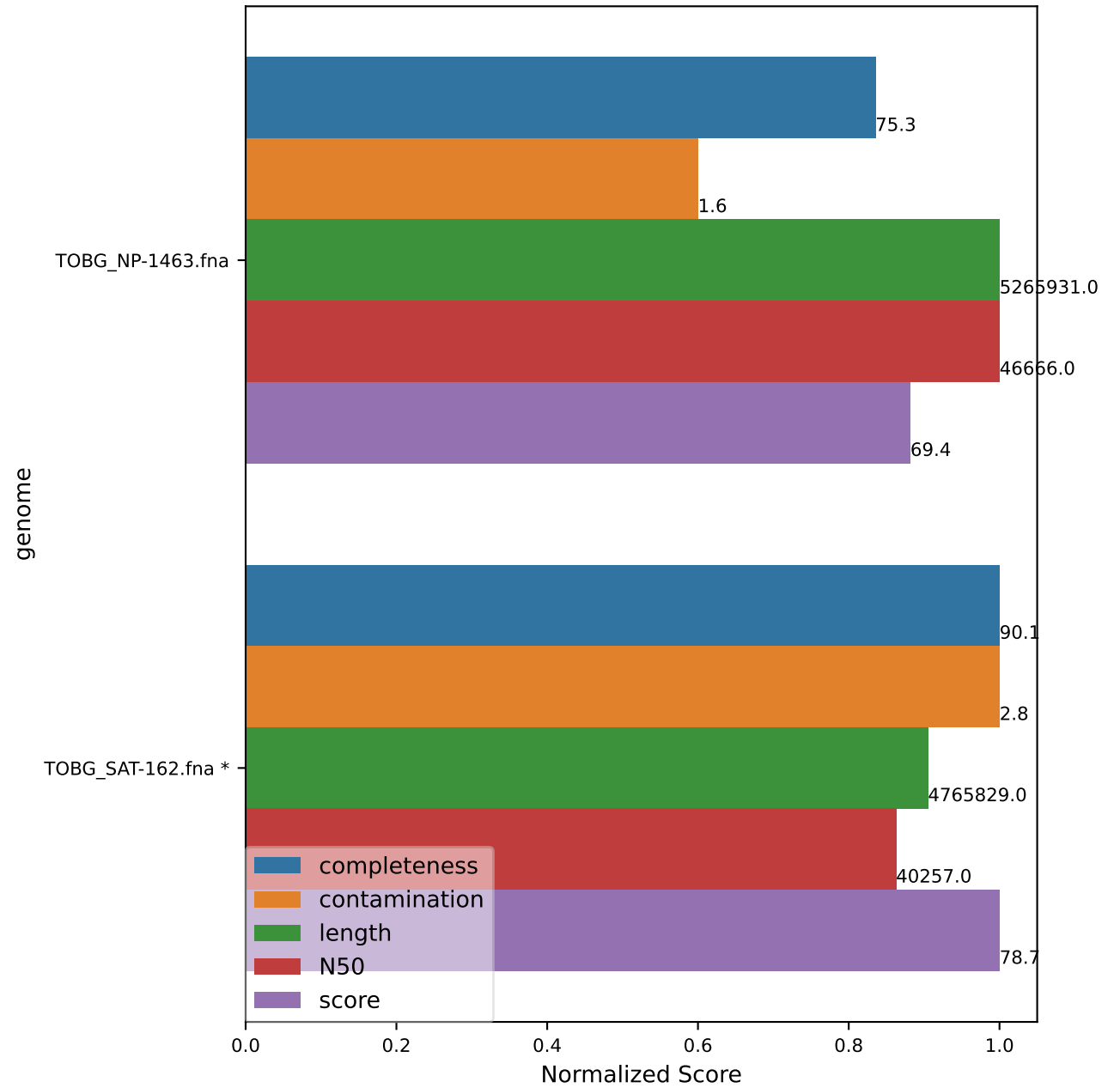
Scoring of cluster 88\_0



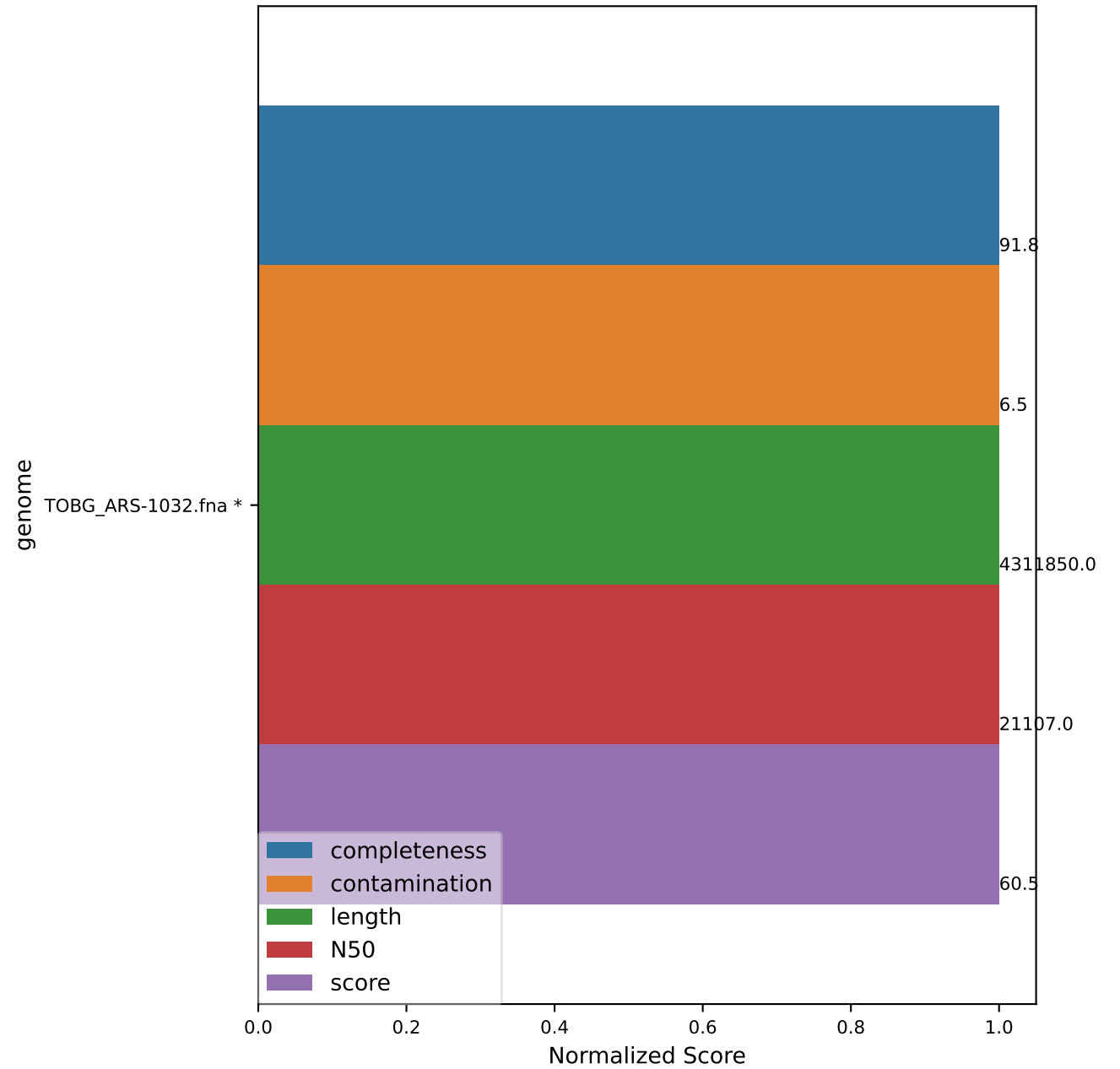
Scoring of cluster 89\_0



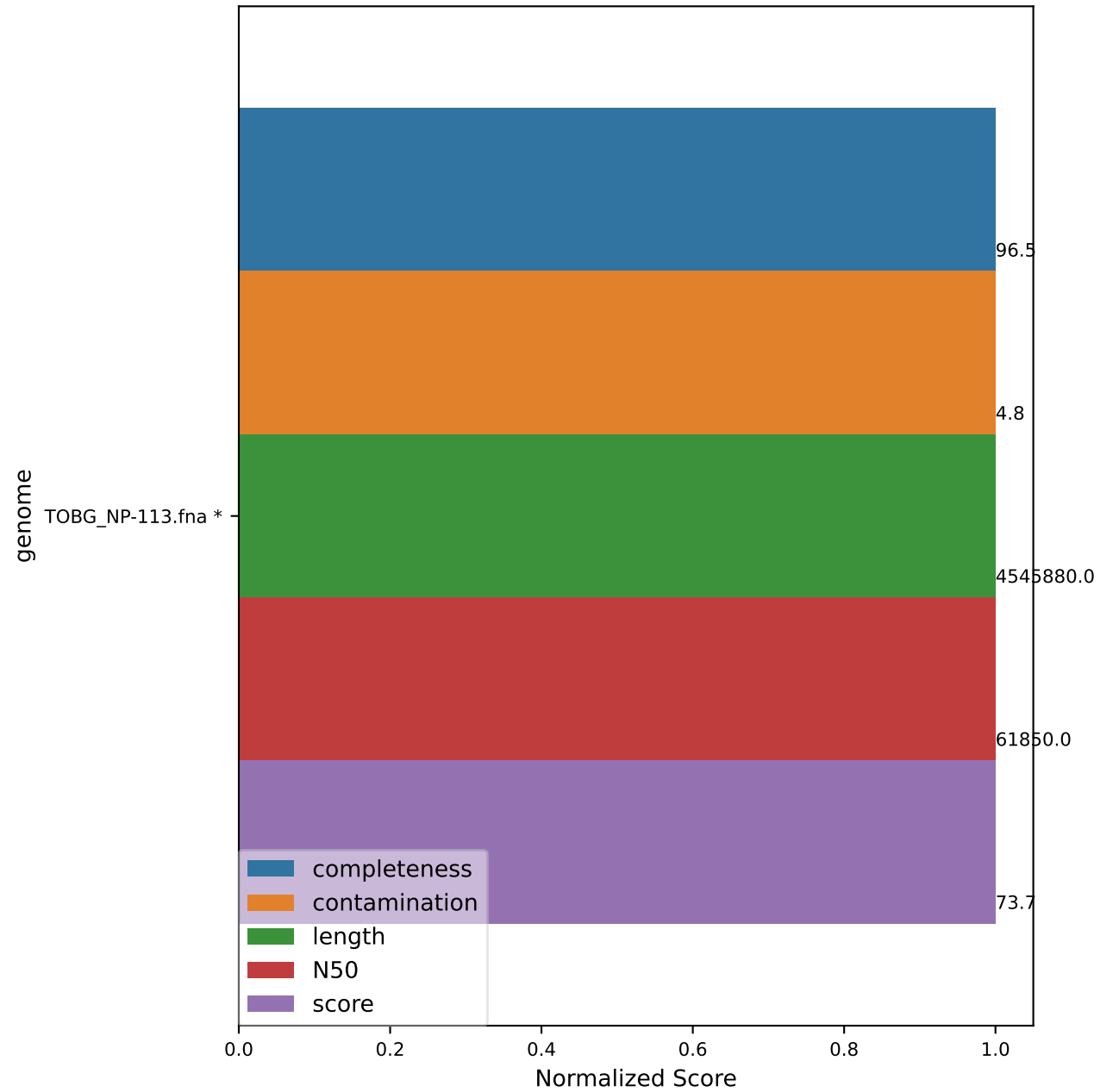
Scoring of cluster 90\_1



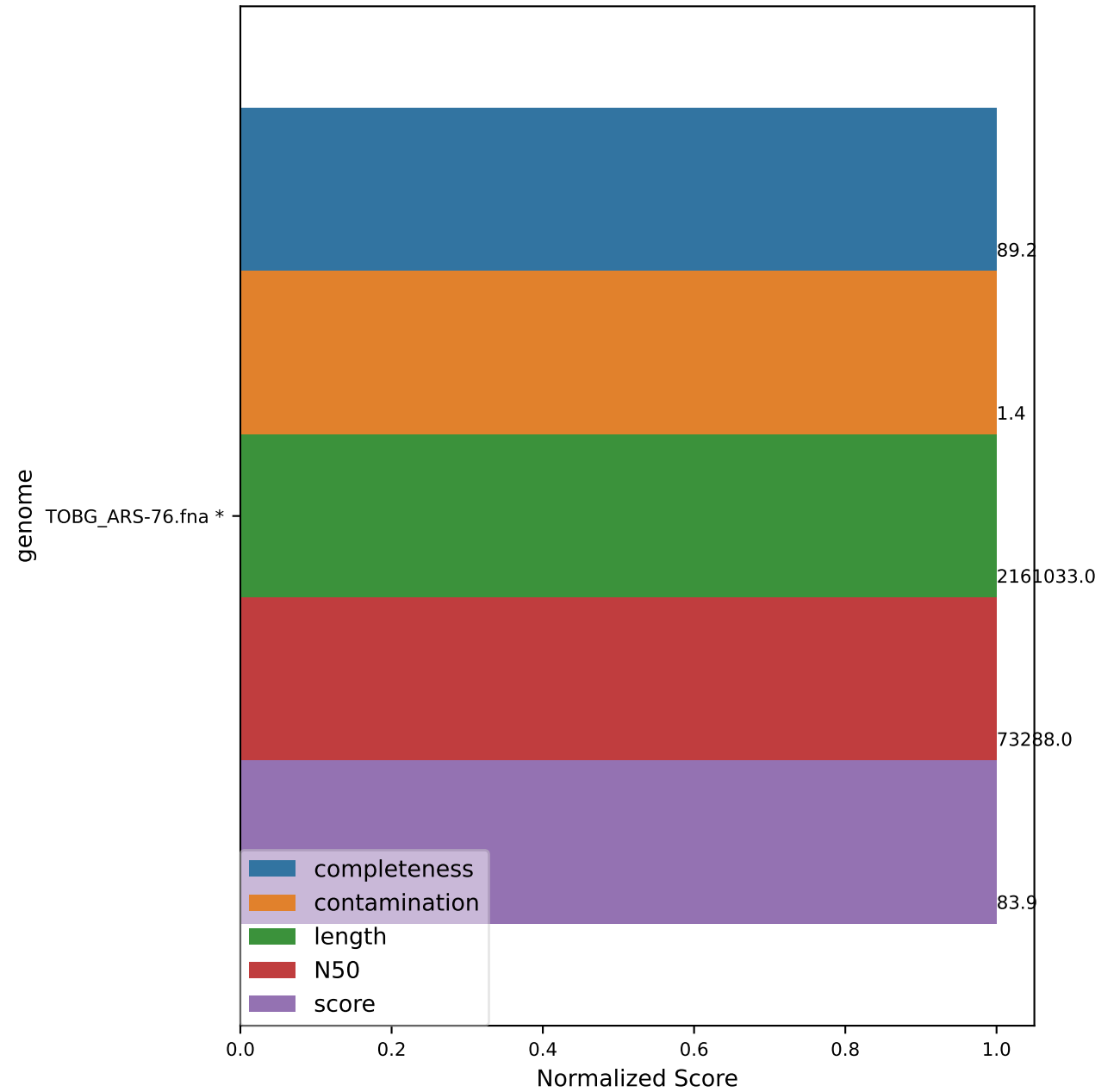
Scoring of cluster 91\_0



Scoring of cluster 92\_0

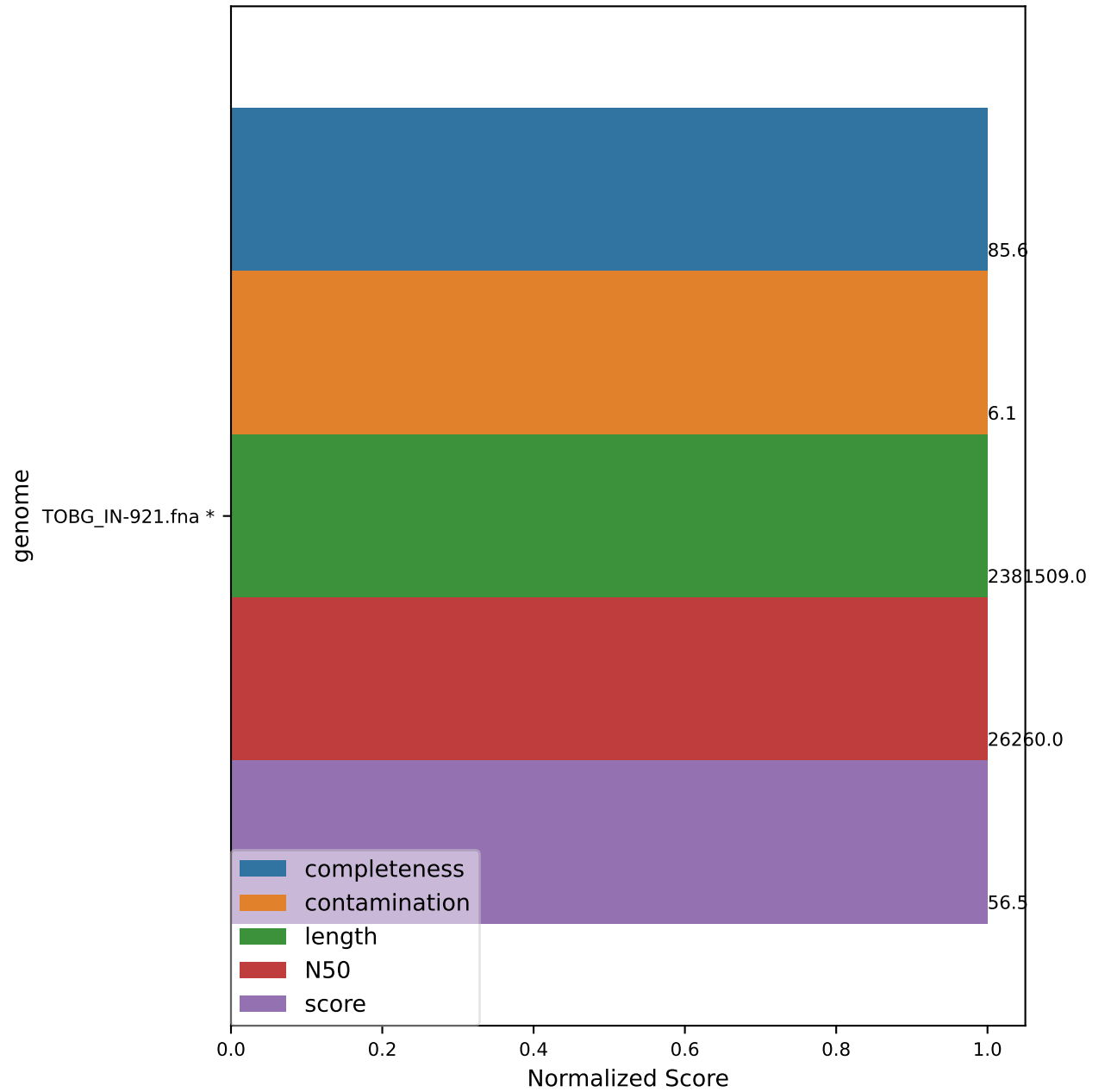


Scoring of cluster 93\_0

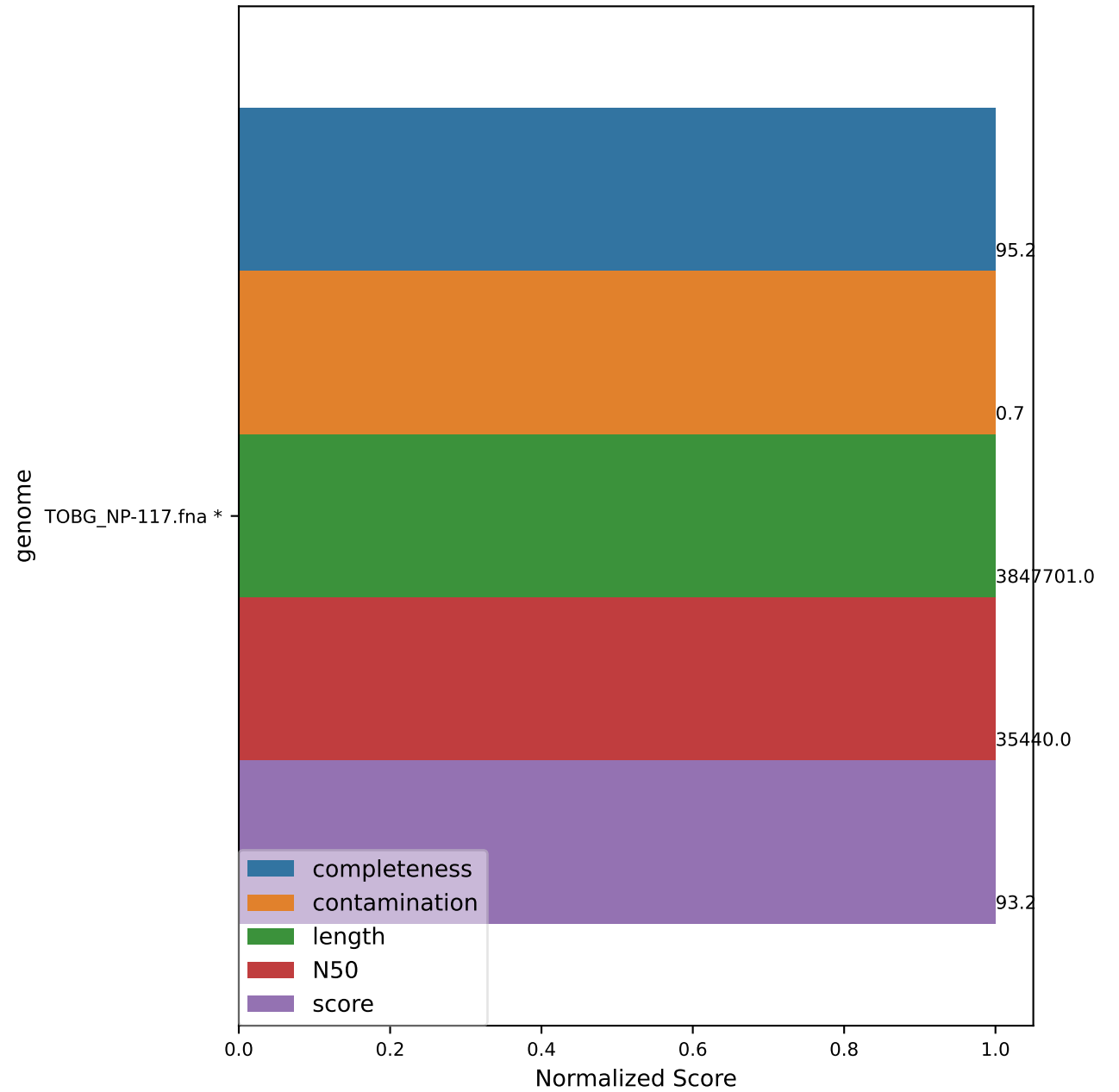




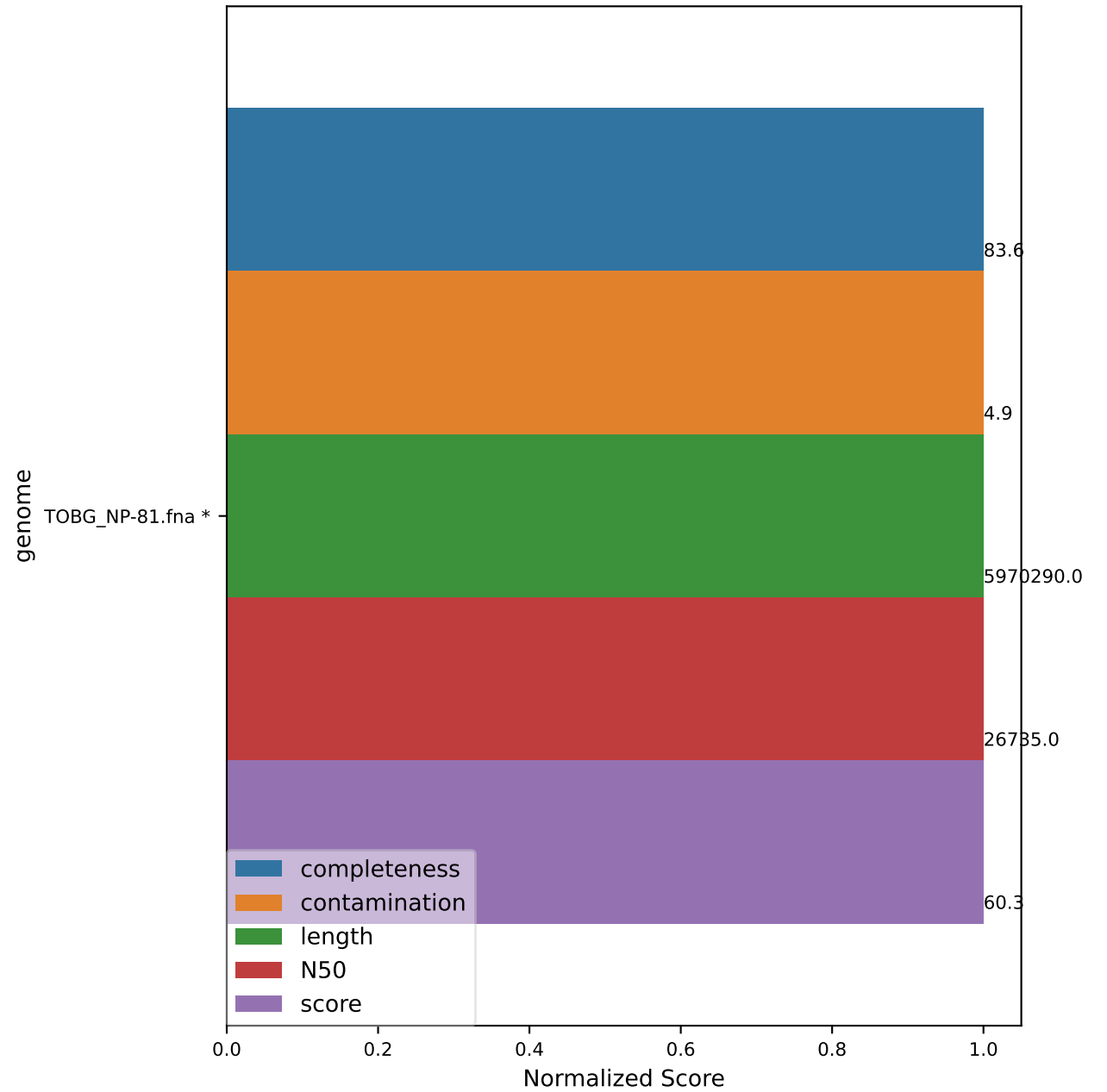
Scoring of cluster 94\_0



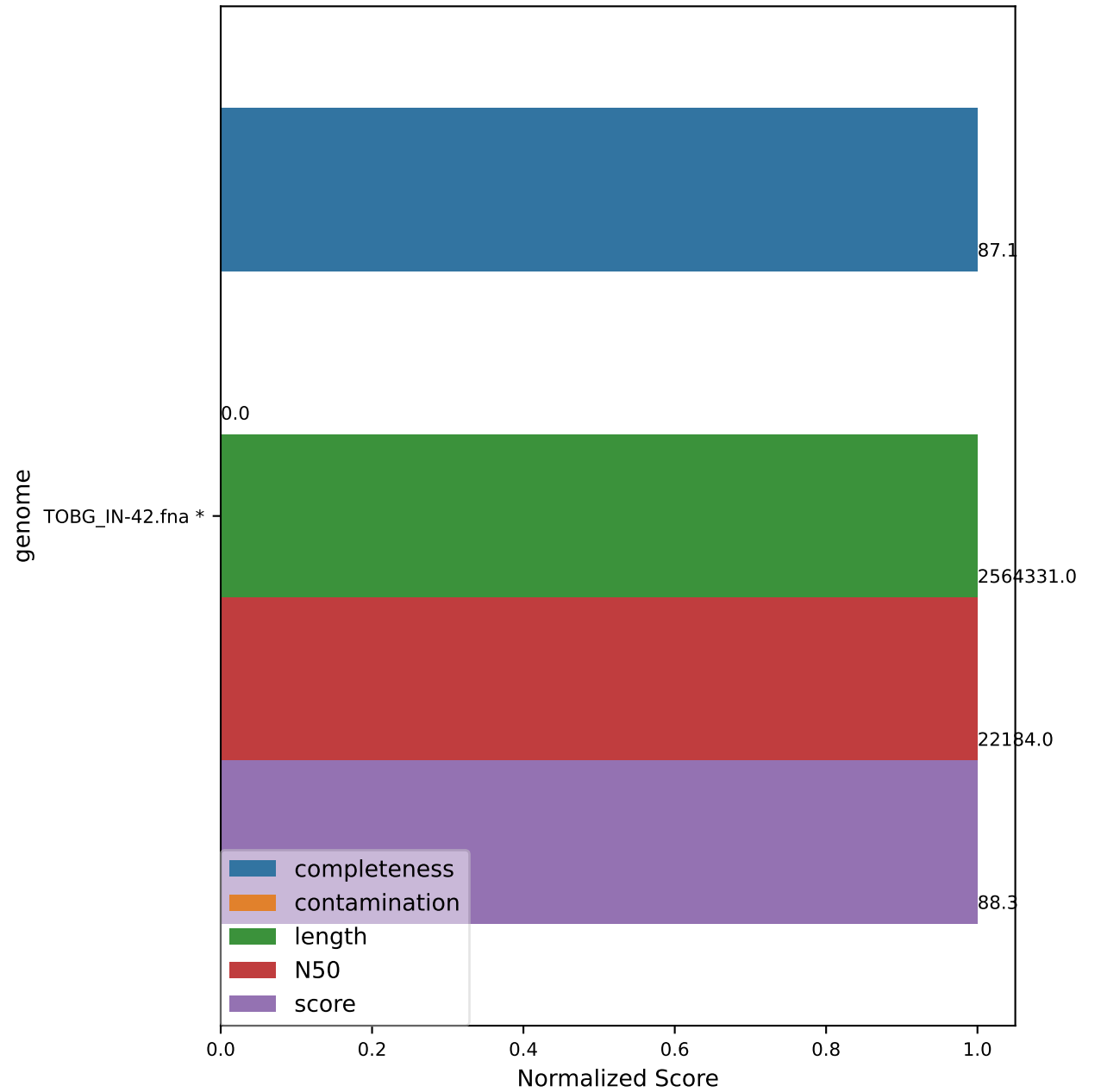
Scoring of cluster 95\_0



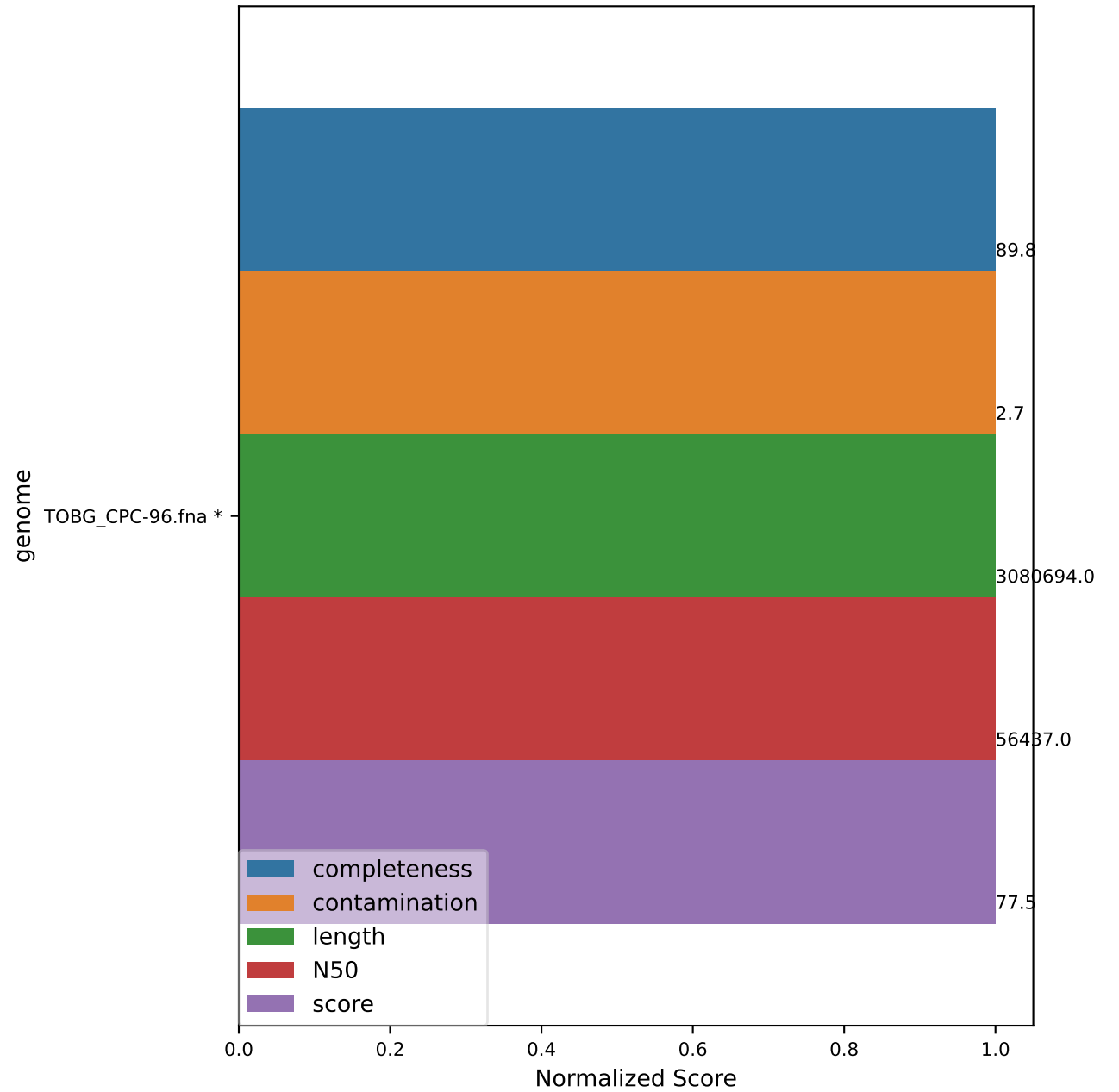
Scoring of cluster 96\_0



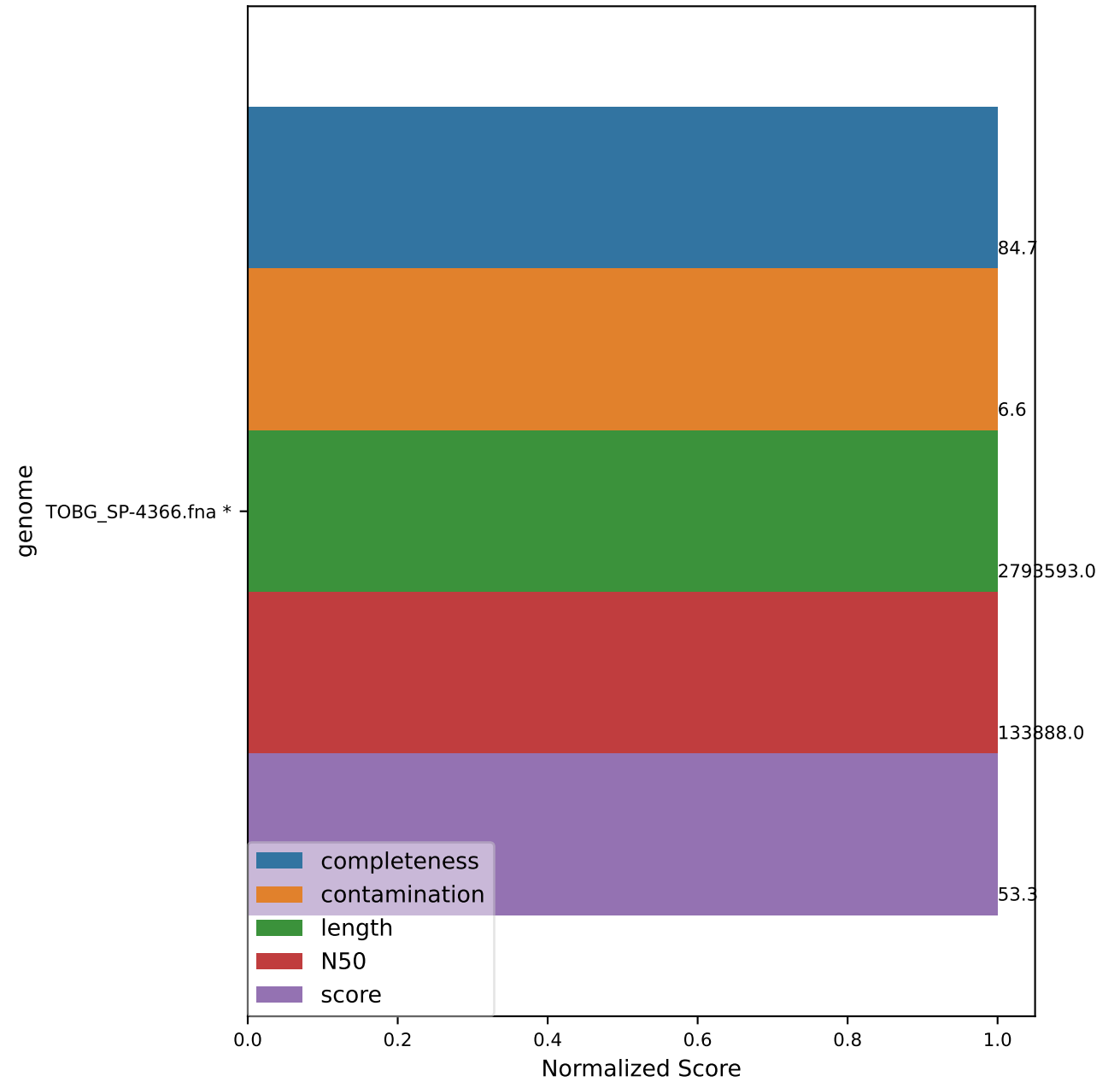
Scoring of cluster 97\_0



Scoring of cluster 98\_0



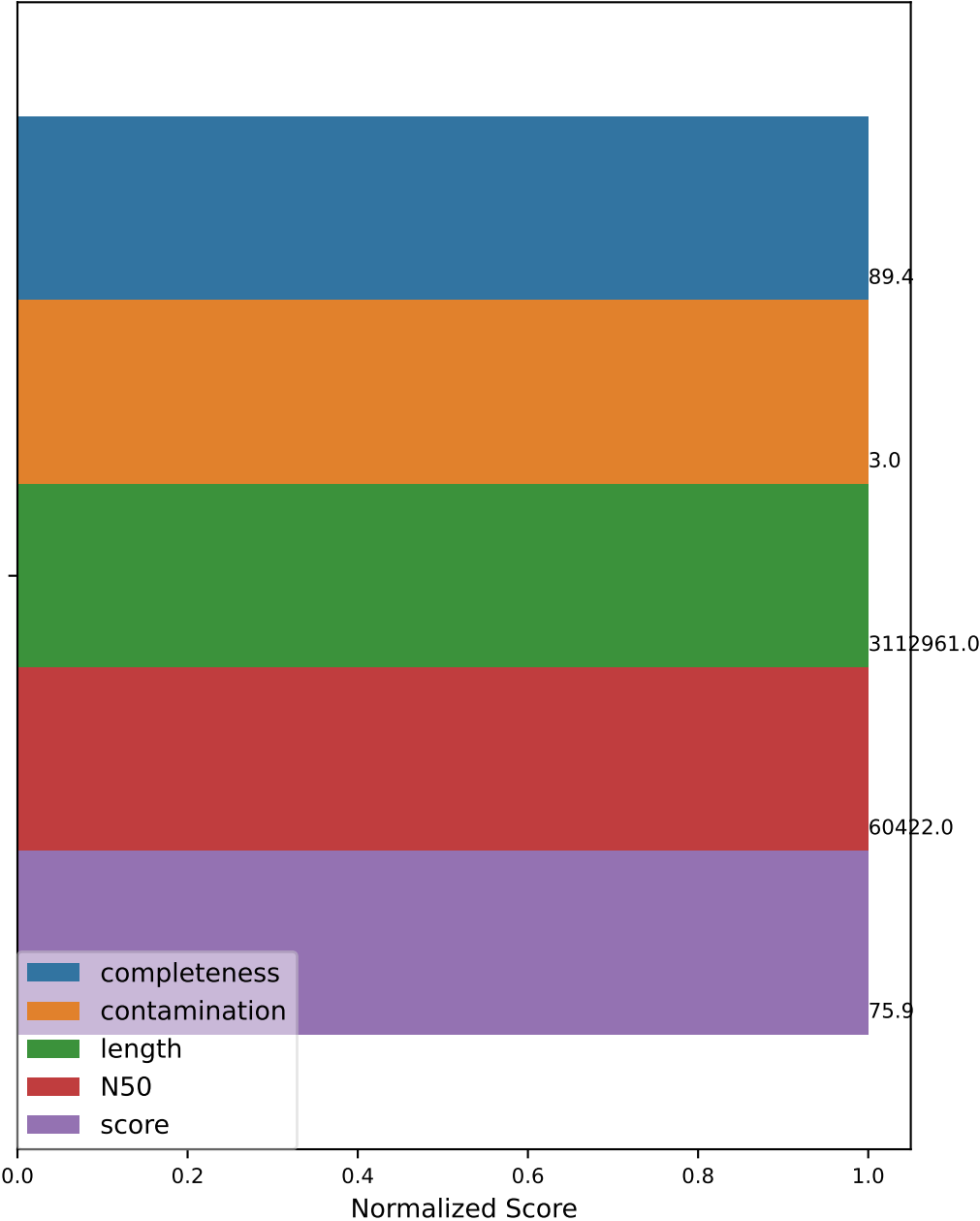
Scoring of cluster 99\_0



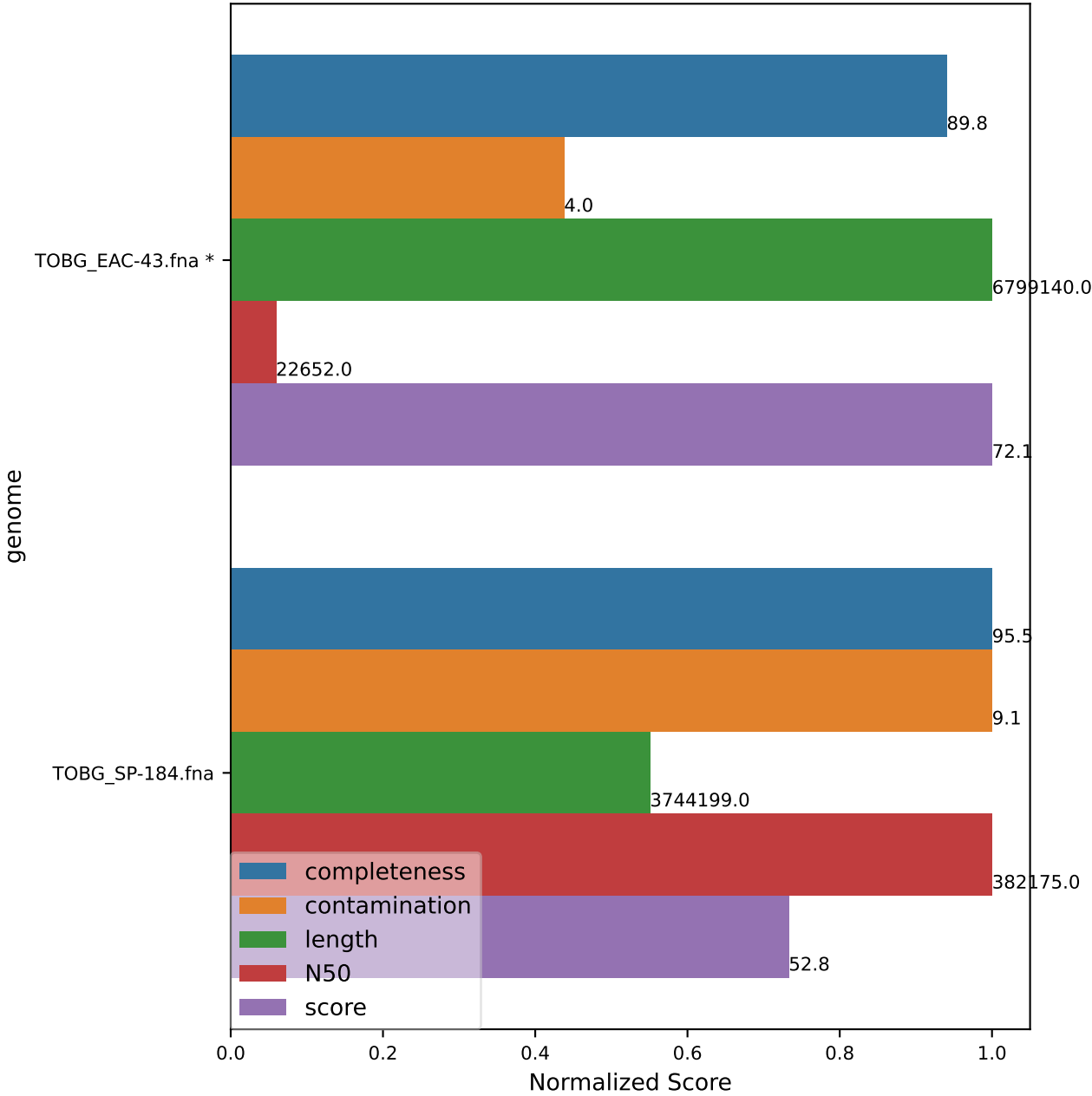
Scoring of cluster 100\_0

genome

TOBG\_NP-37.fna \*

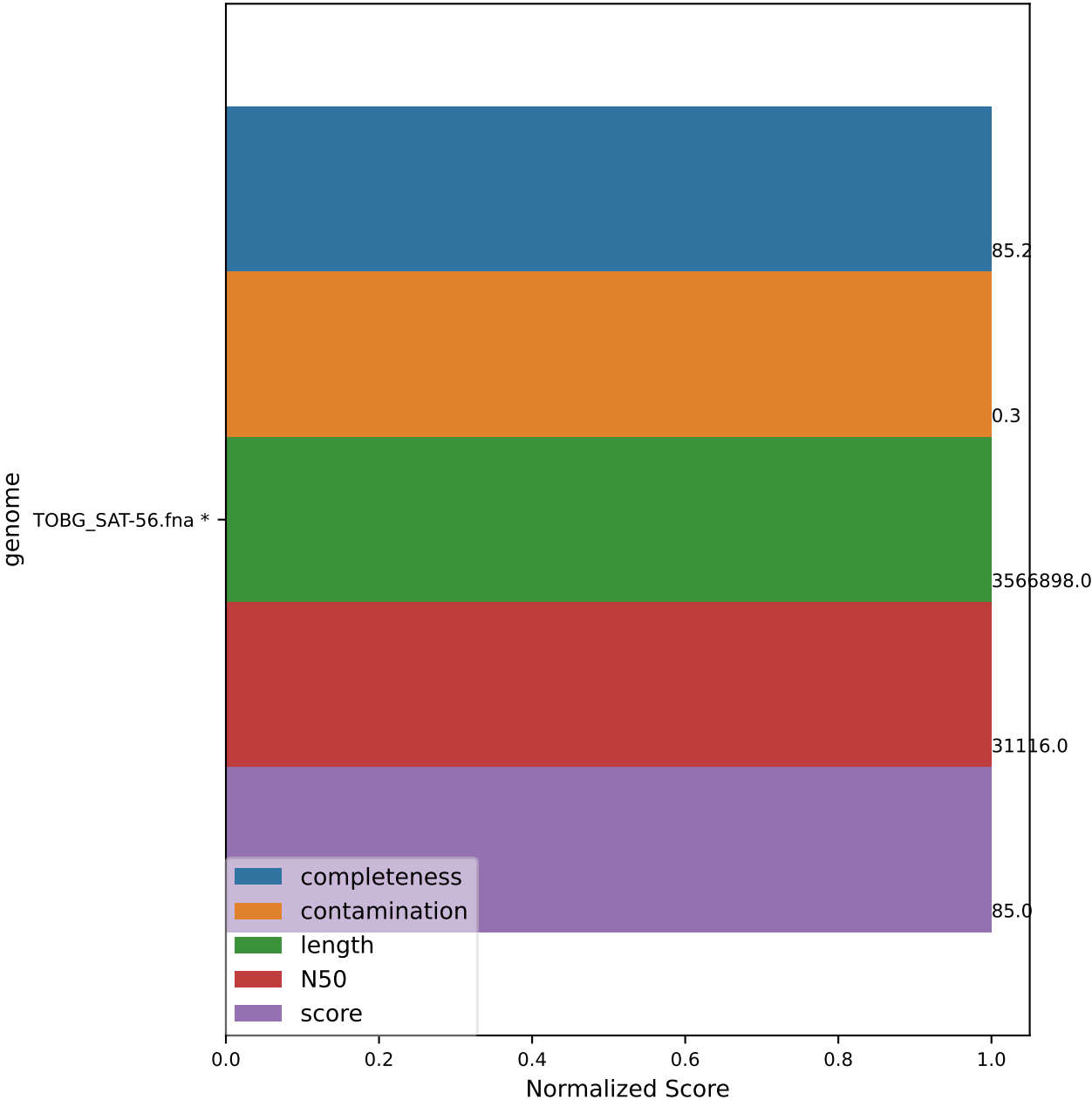


Scoring of cluster 101\_1

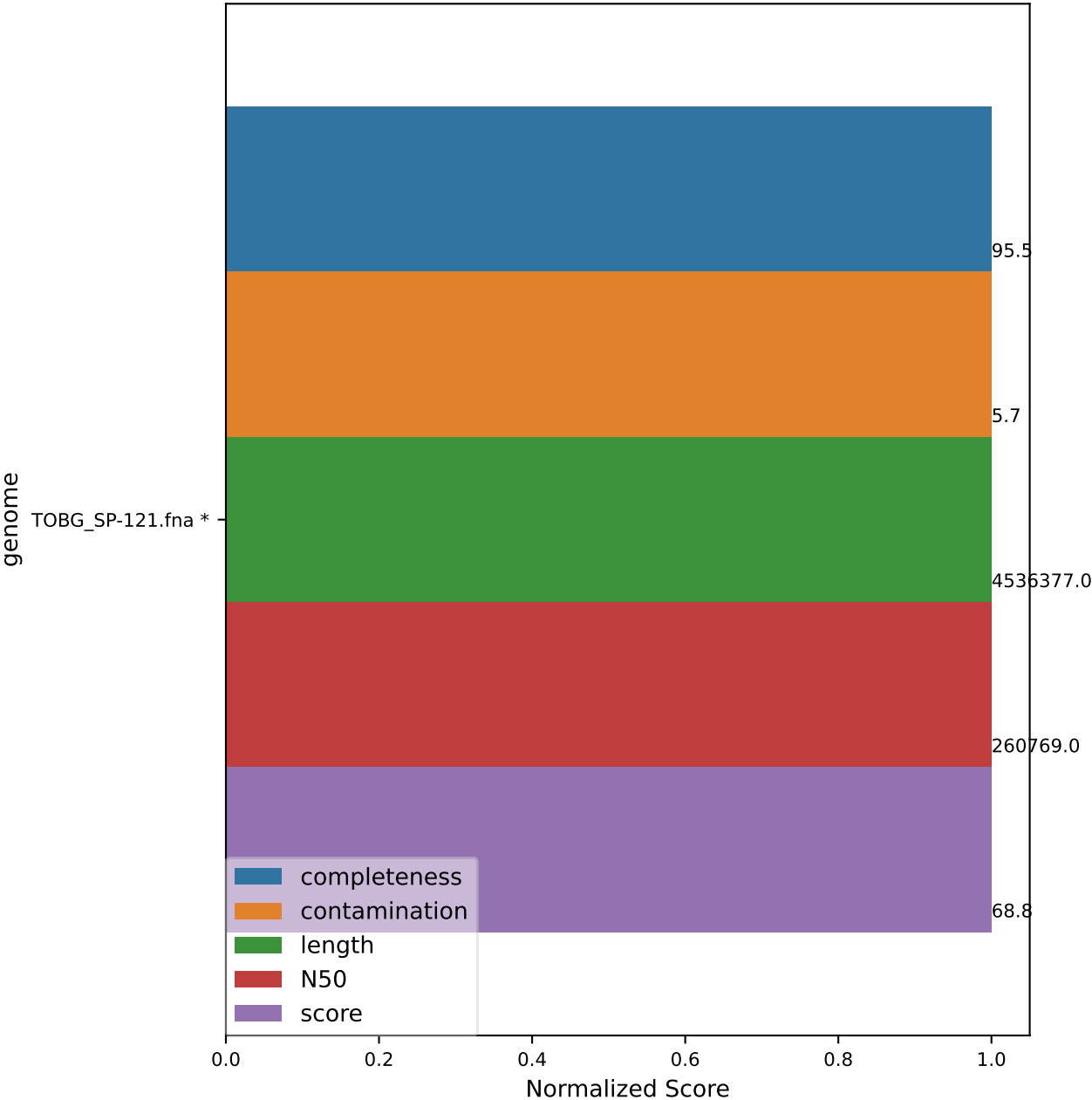




Scoring of cluster 102\_0



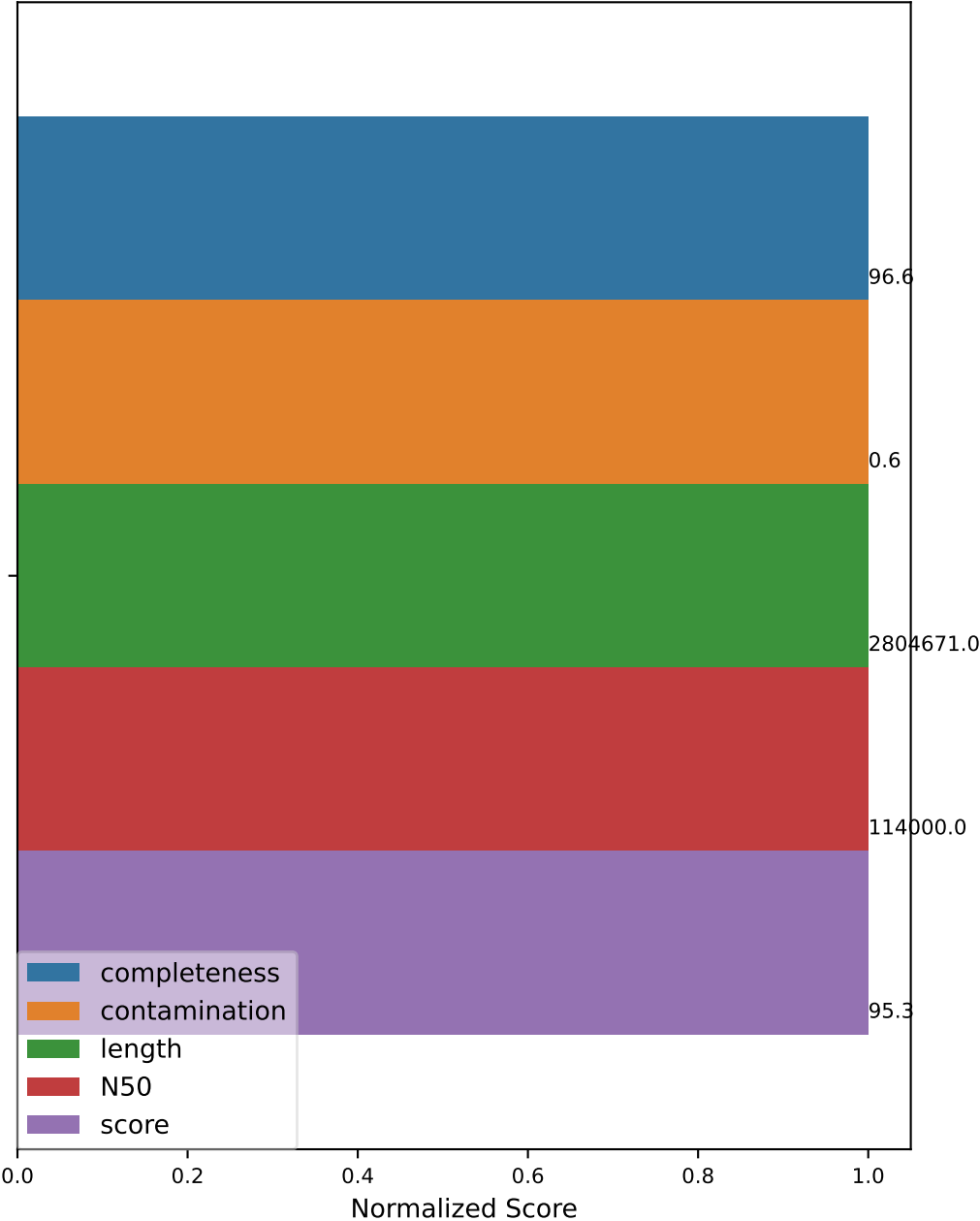
Scoring of cluster 103\_0



Scoring of cluster 104\_0

genome

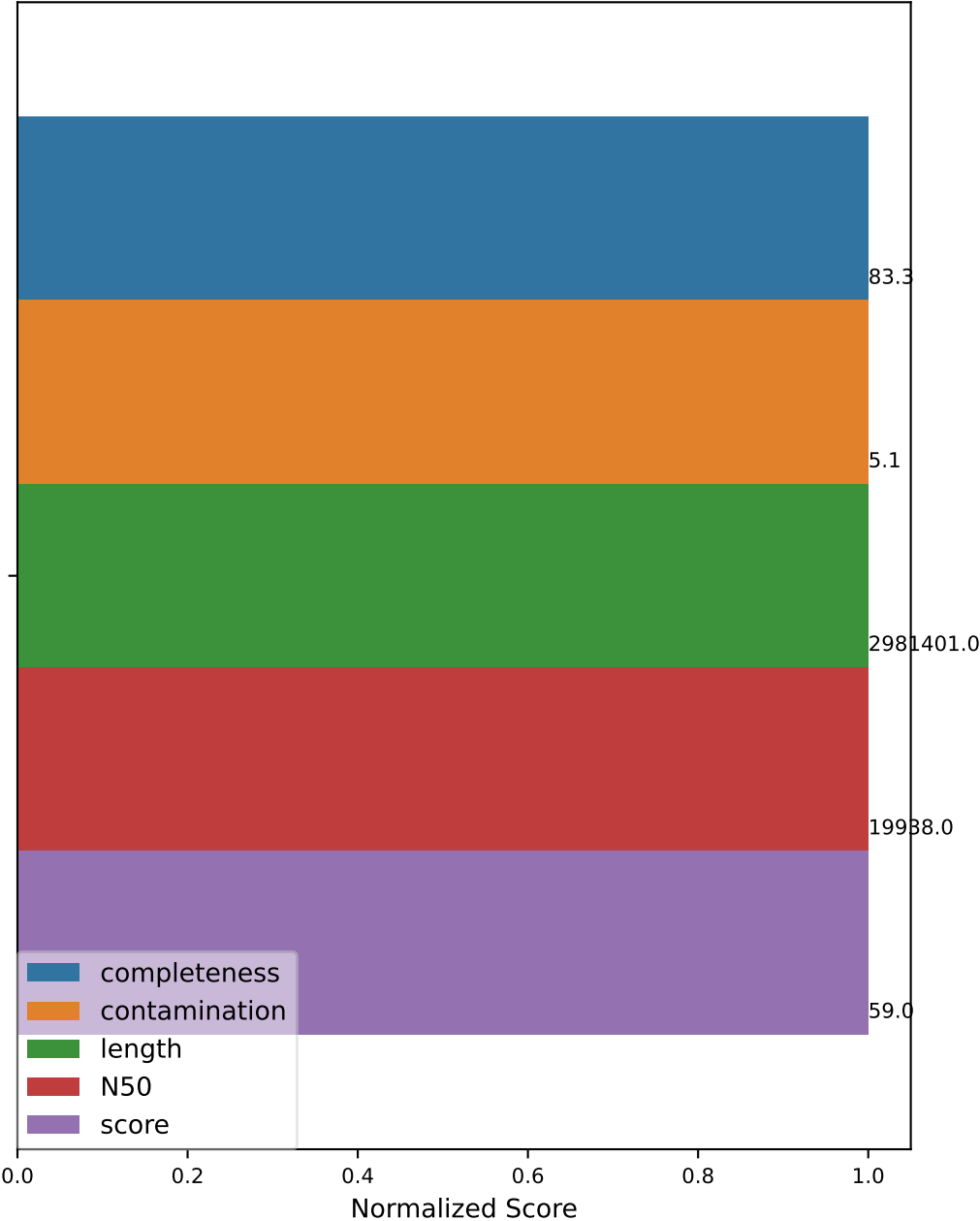
TOBG\_SP-110.fna \*



Scoring of cluster 105\_0

genome

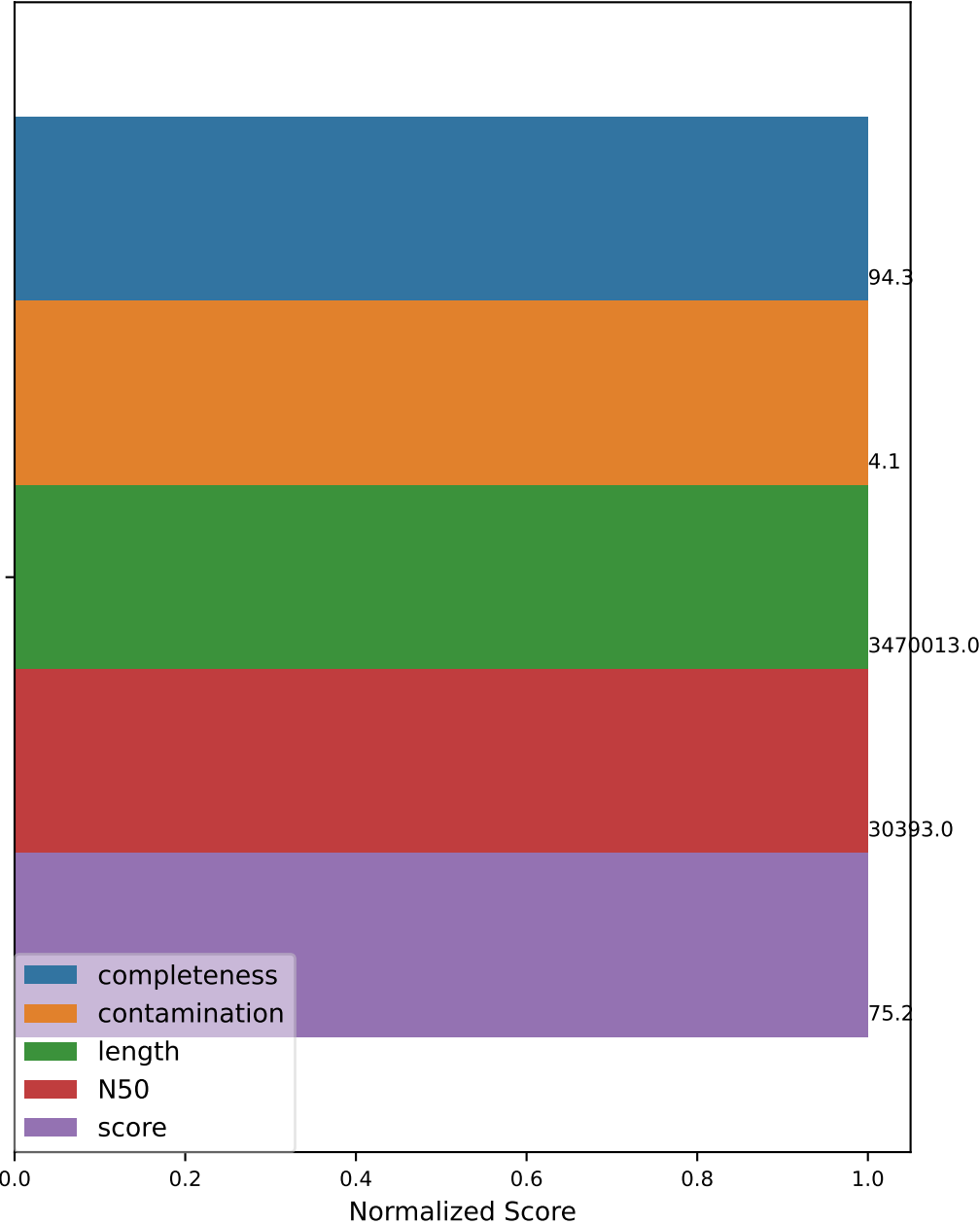
TOBG\_CPC-297.fna \*



Scoring of cluster 106\_0

genome

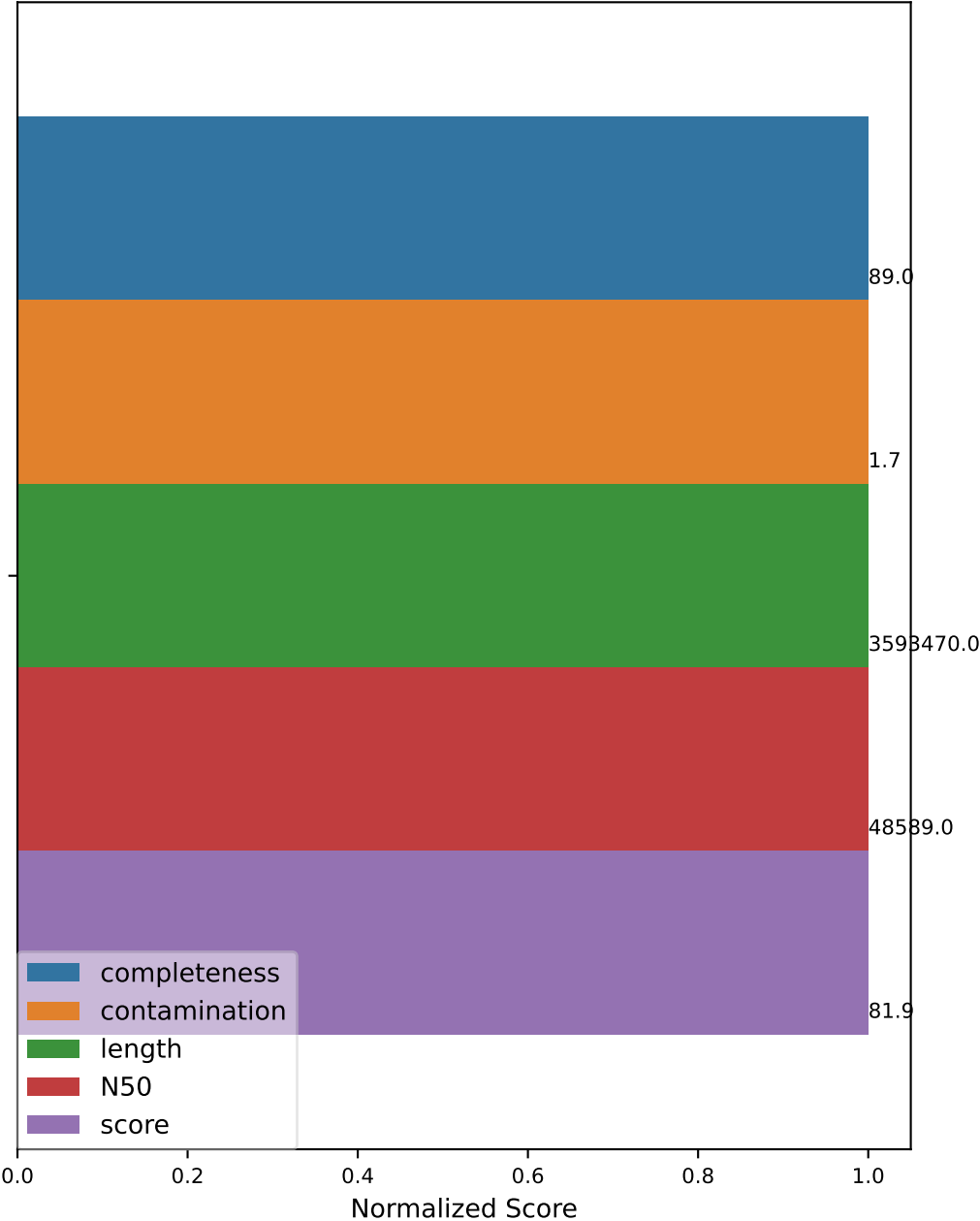
TOBG\_MED-708.fna \*



Scoring of cluster 107\_0

genome

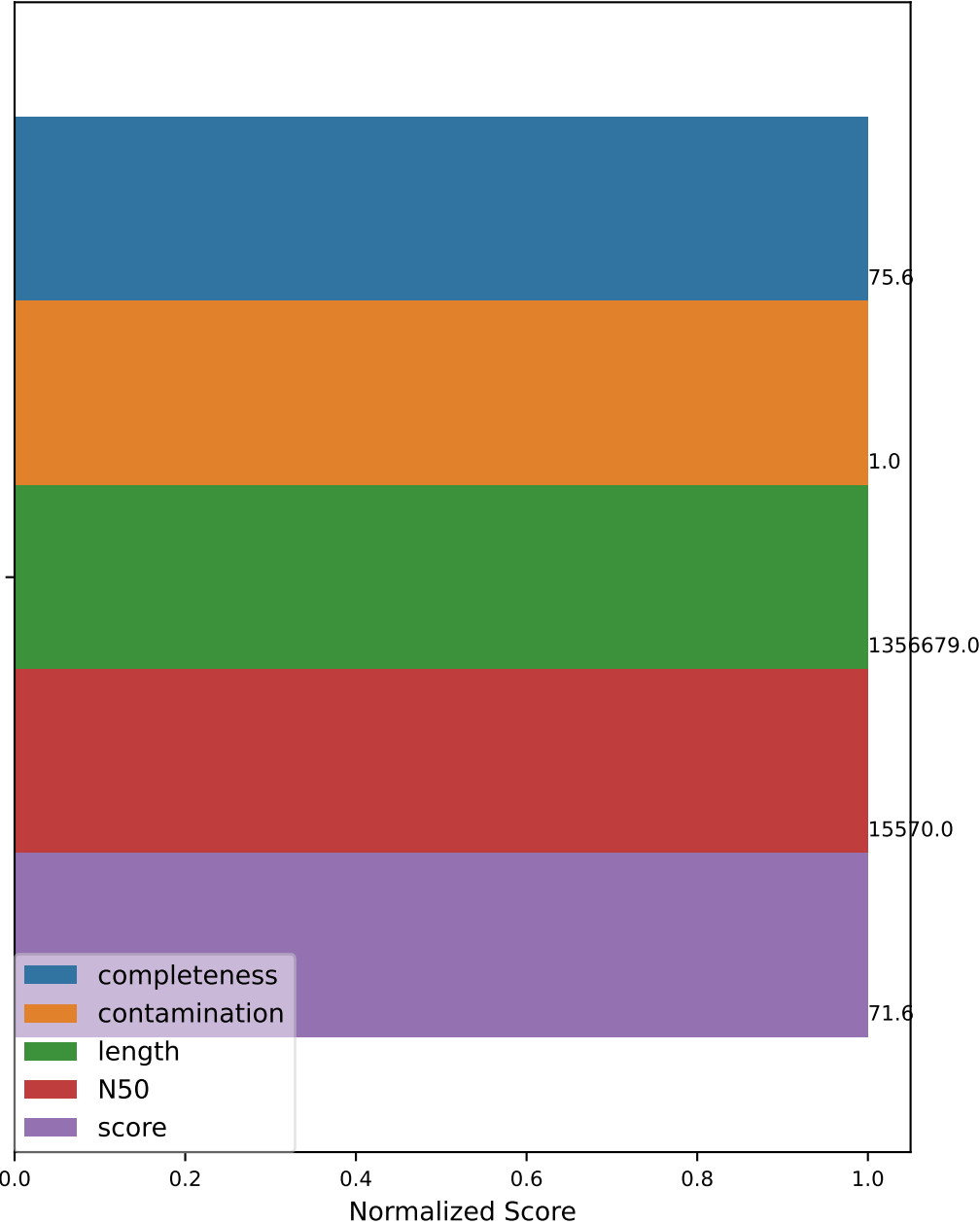
TOBG\_CPC-85.fna \*



Scoring of cluster 108\_0

genome

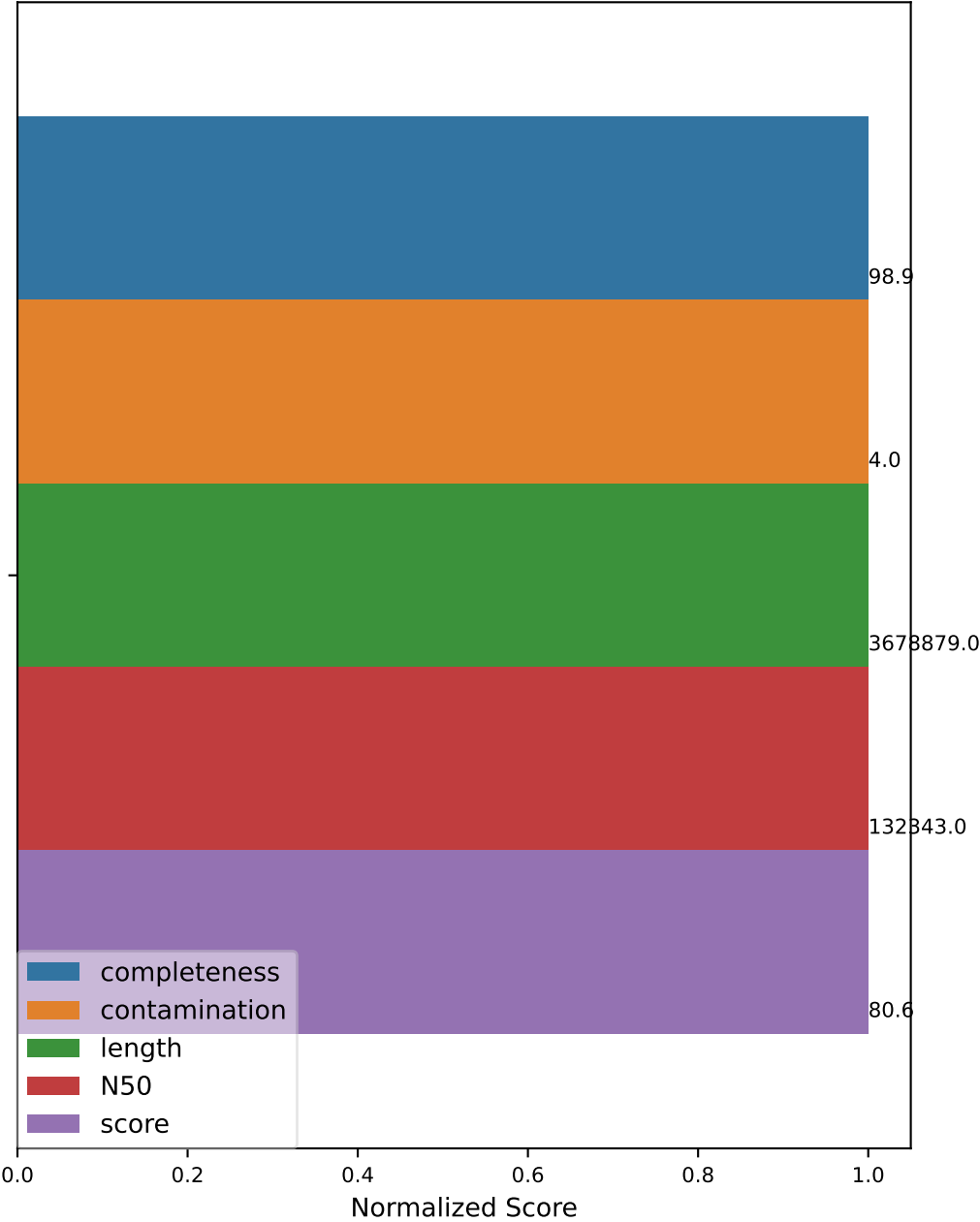
TOBG\_CPC-29.fna \*



Scoring of cluster 109\_0

genome

TOBG\_SP-137.fna \*

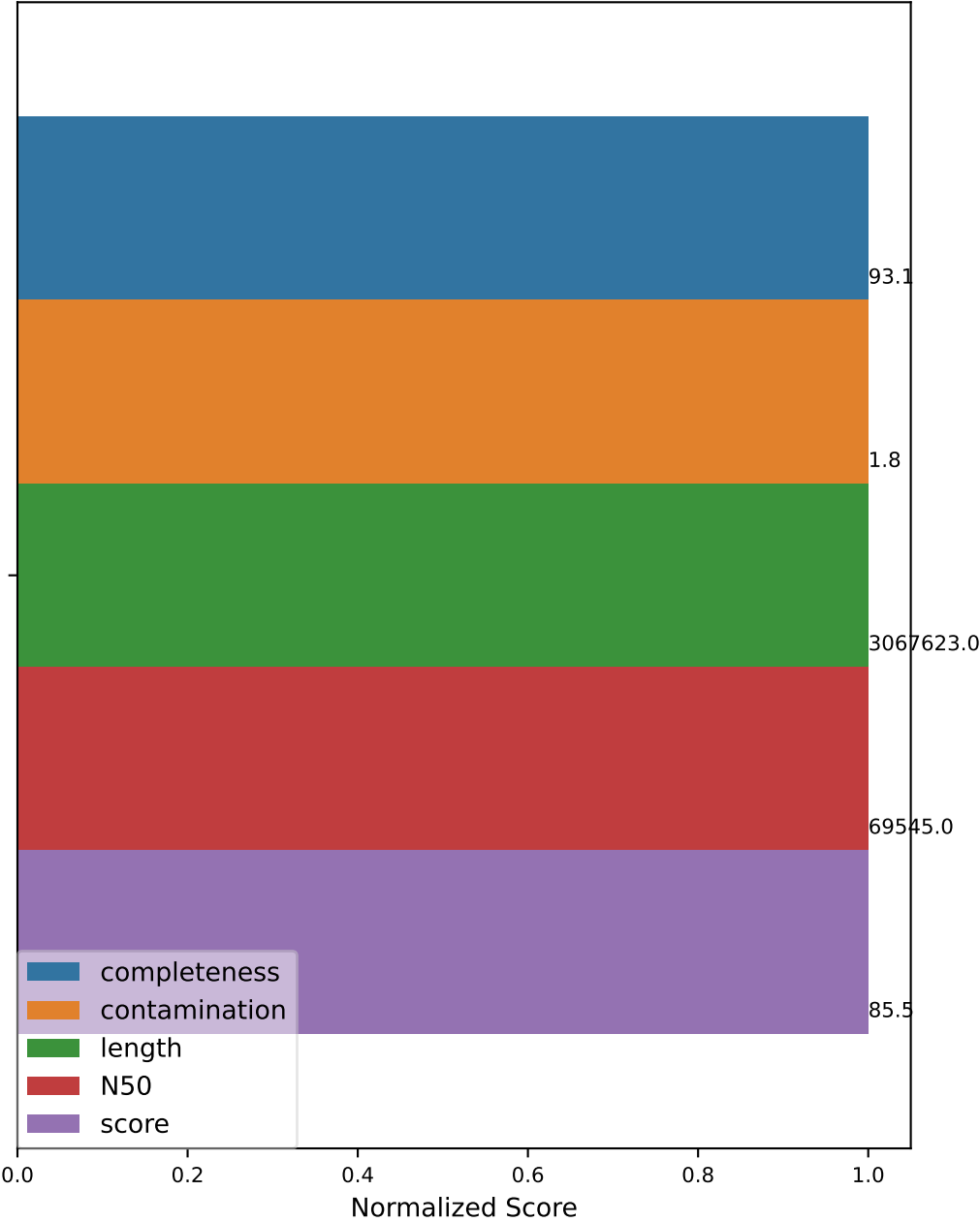




Scoring of cluster 110\_0

genome

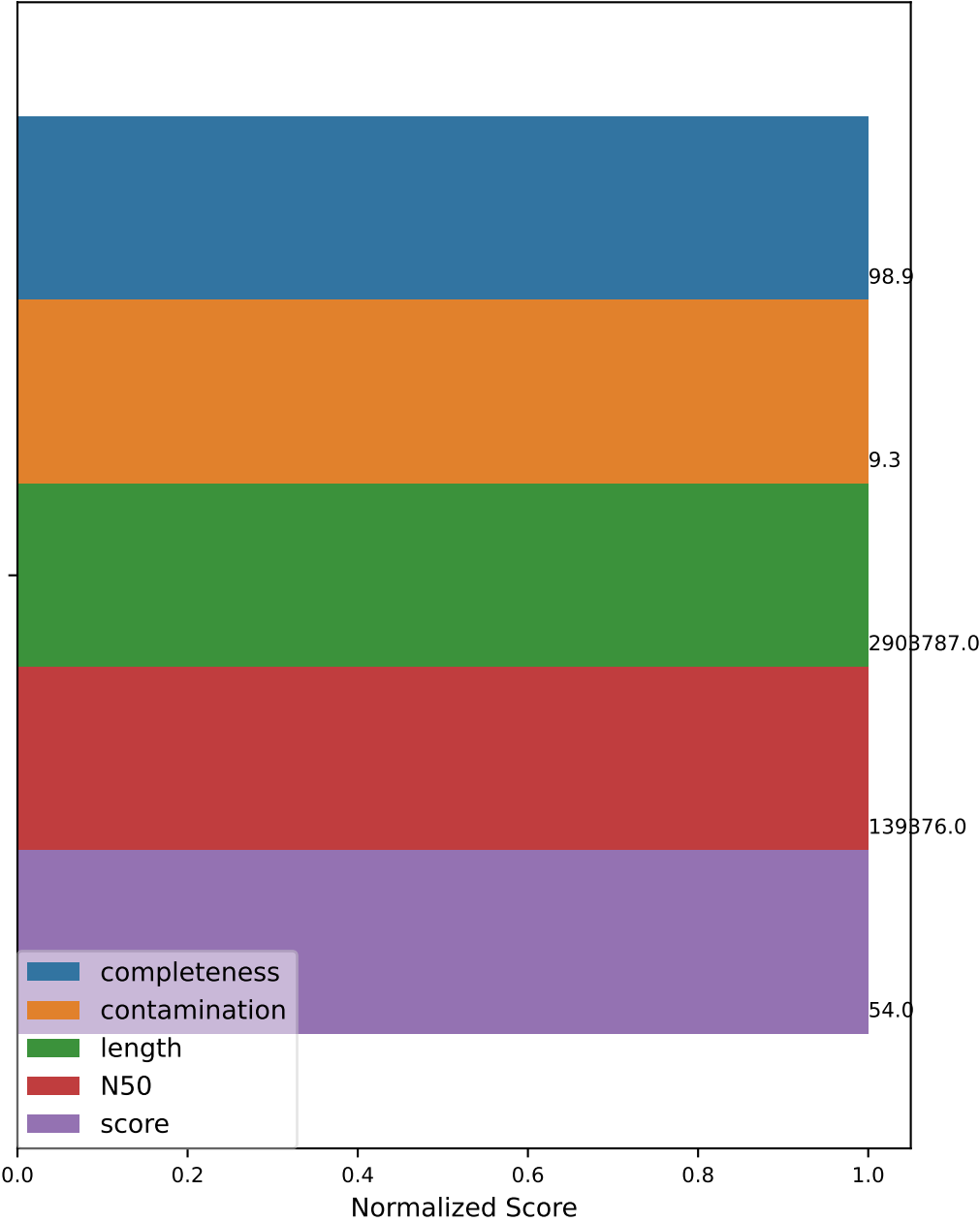
TOBG\_SP-4365.fna \*



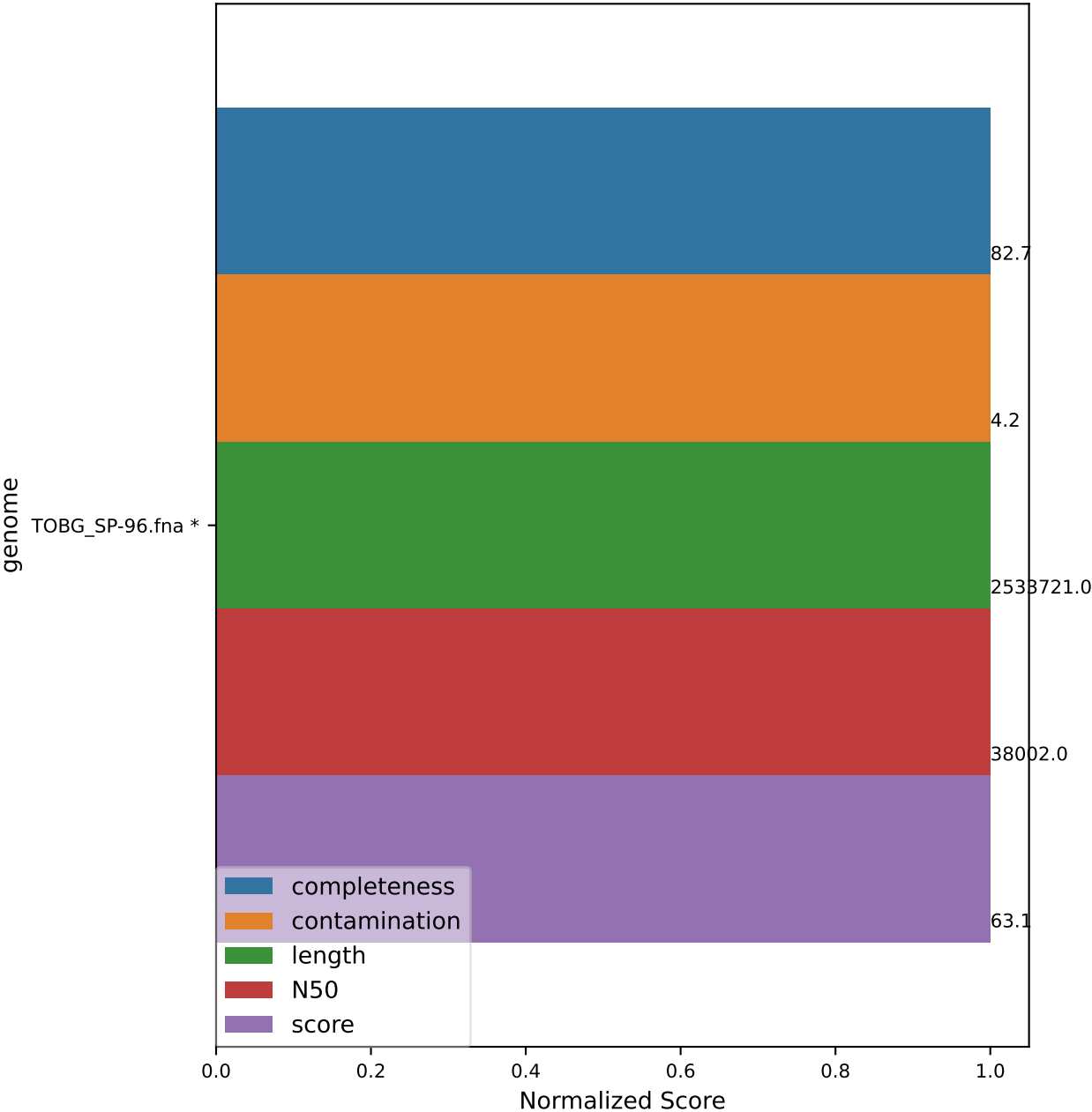
Scoring of cluster 111\_0

genome

TOBG\_CPC-86.fna \*



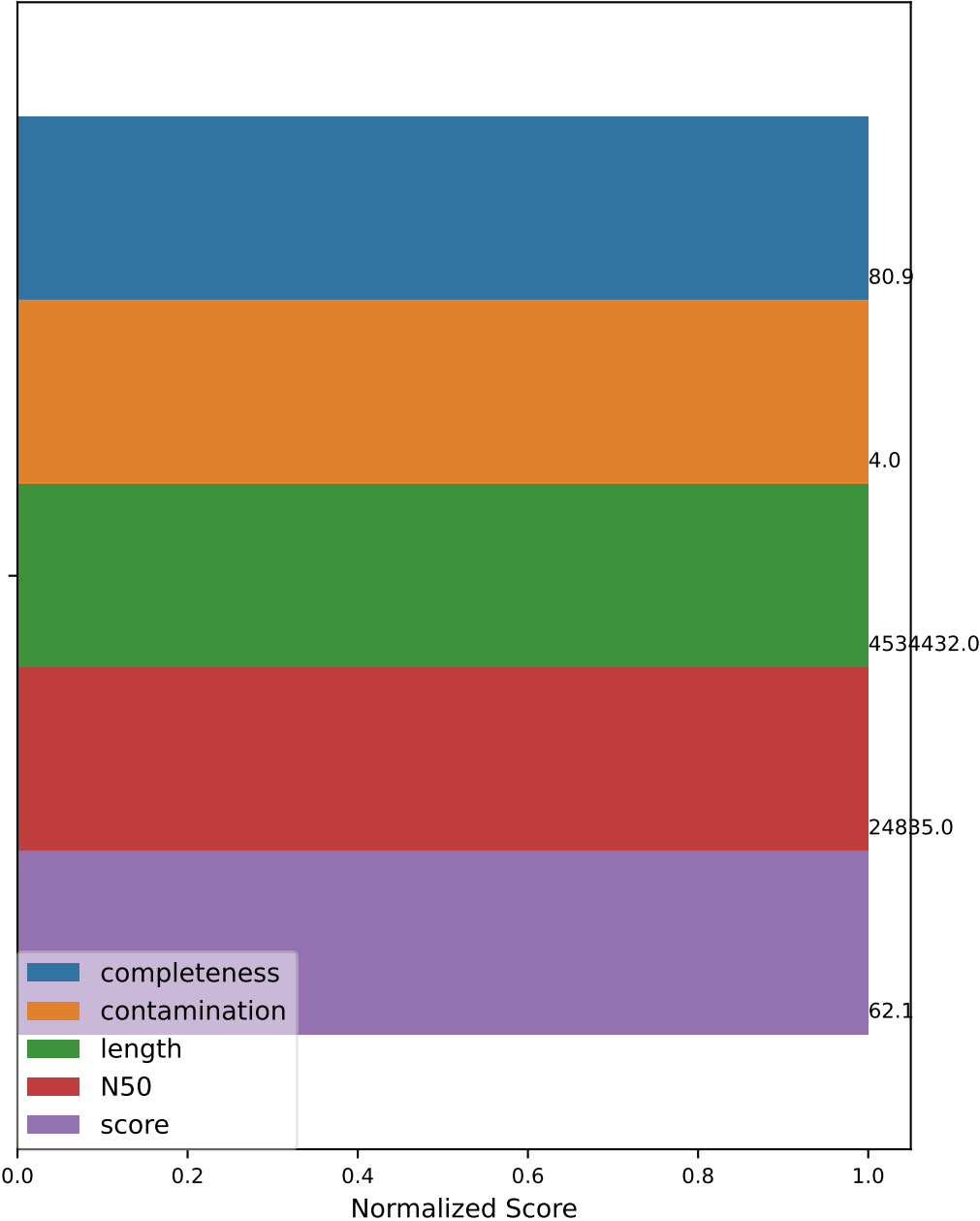
Scoring of cluster 112\_0



Scoring of cluster 113\_0

genome

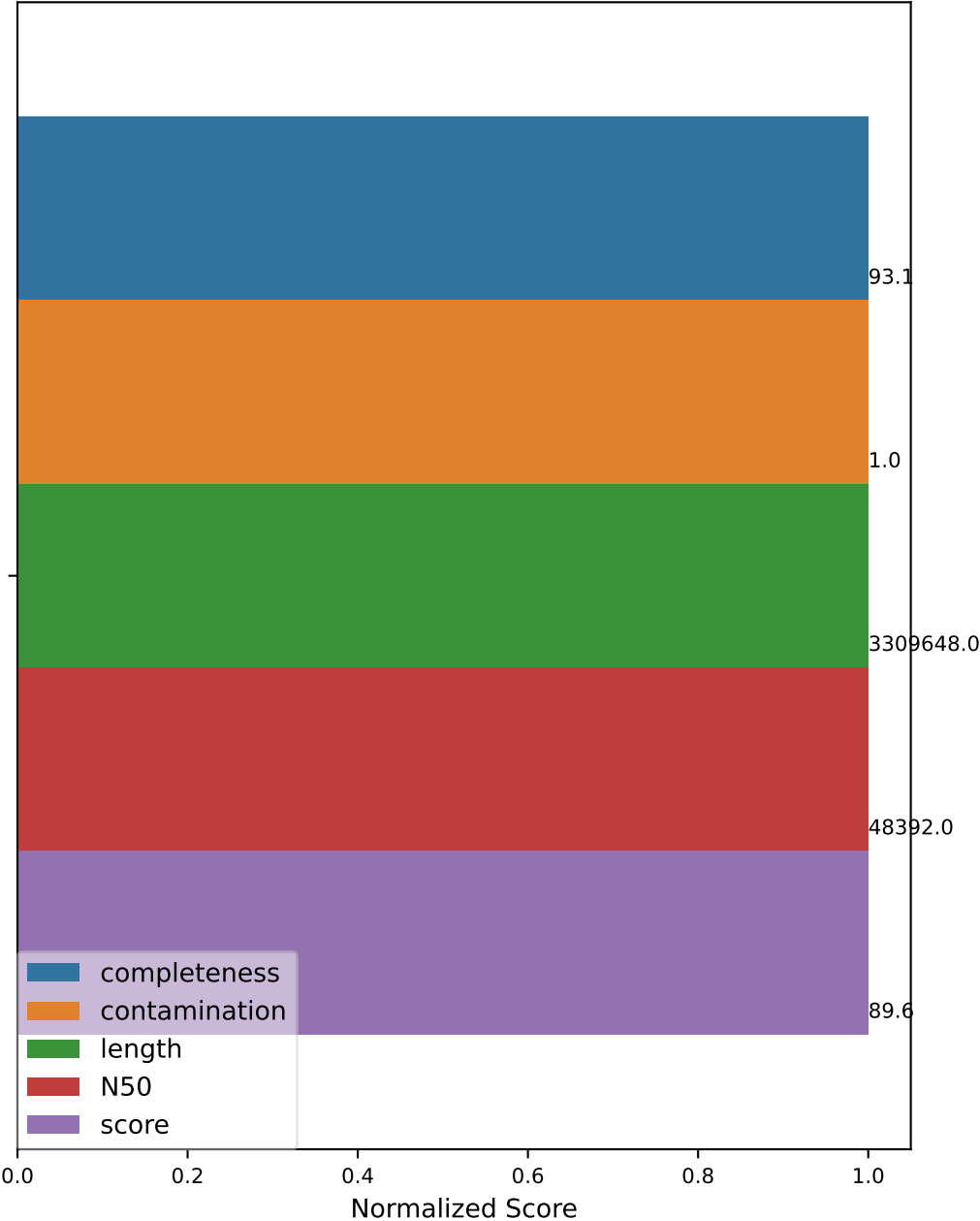
TOBG\_MED-580.fna \*



Scoring of cluster 114\_0

genome

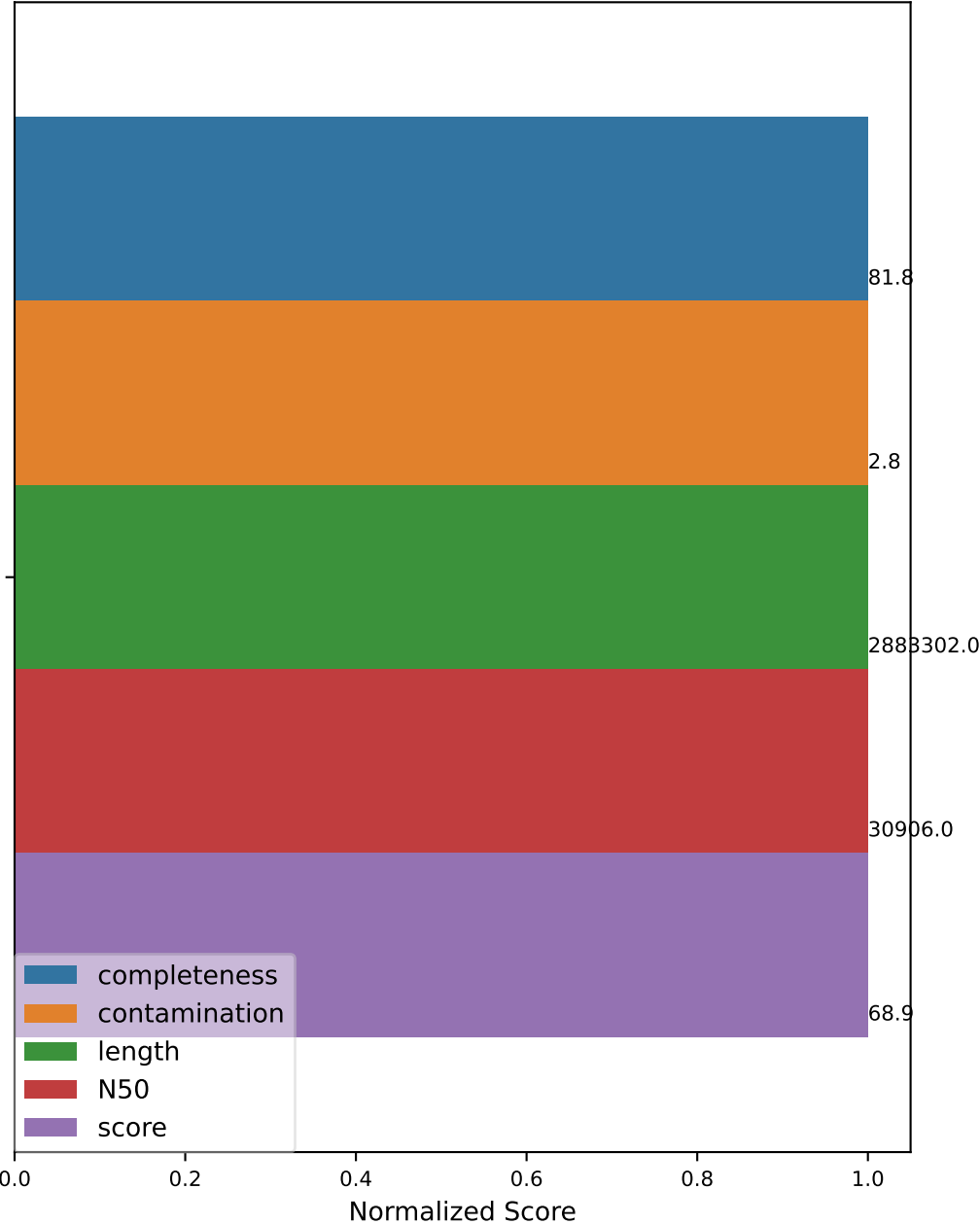
TOBG\_MED-671.fna \*



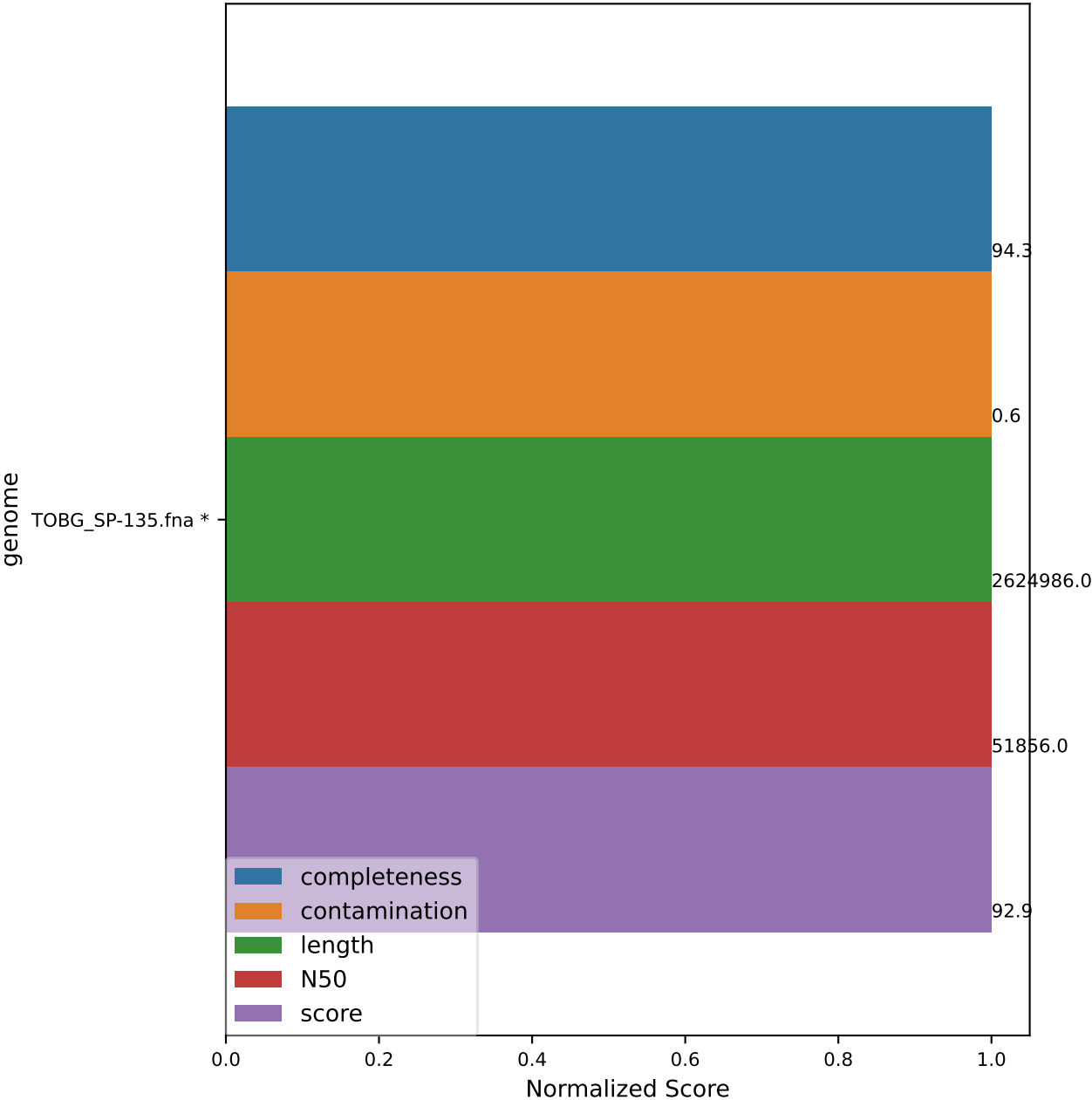
Scoring of cluster 115\_0

genome

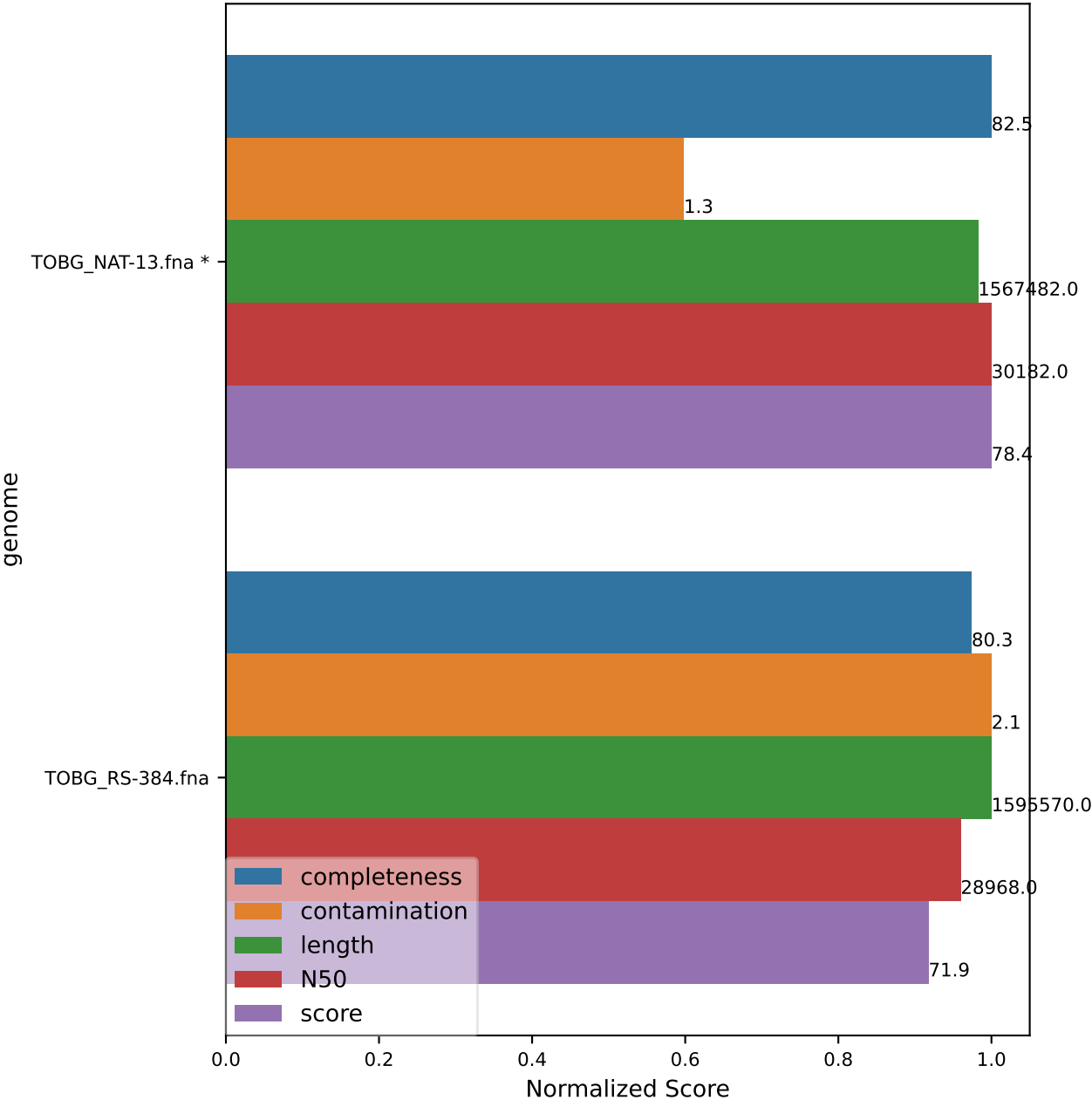
TOBG\_MED-608.fna \*



Scoring of cluster 116\_0



Scoring of cluster 117\_1

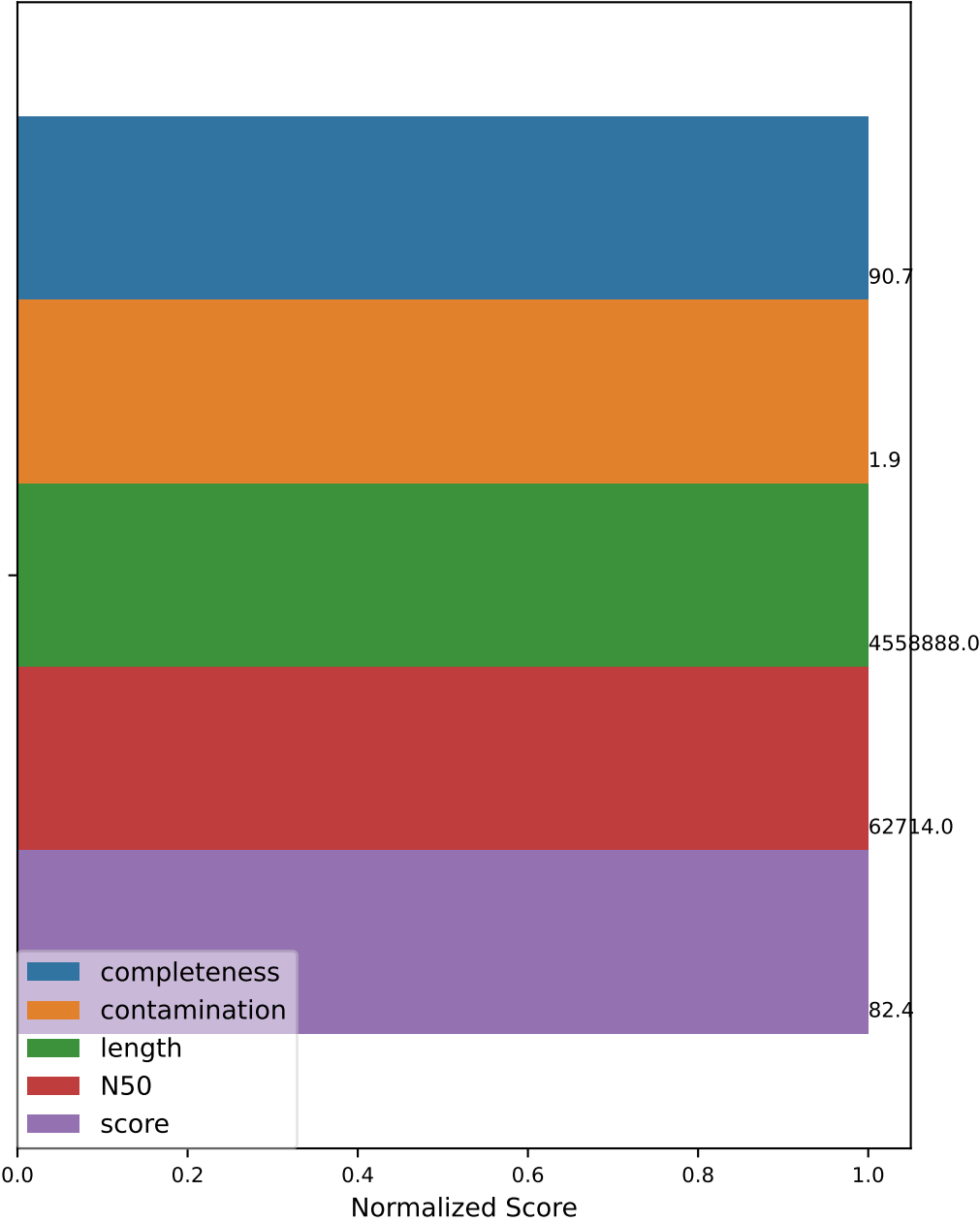




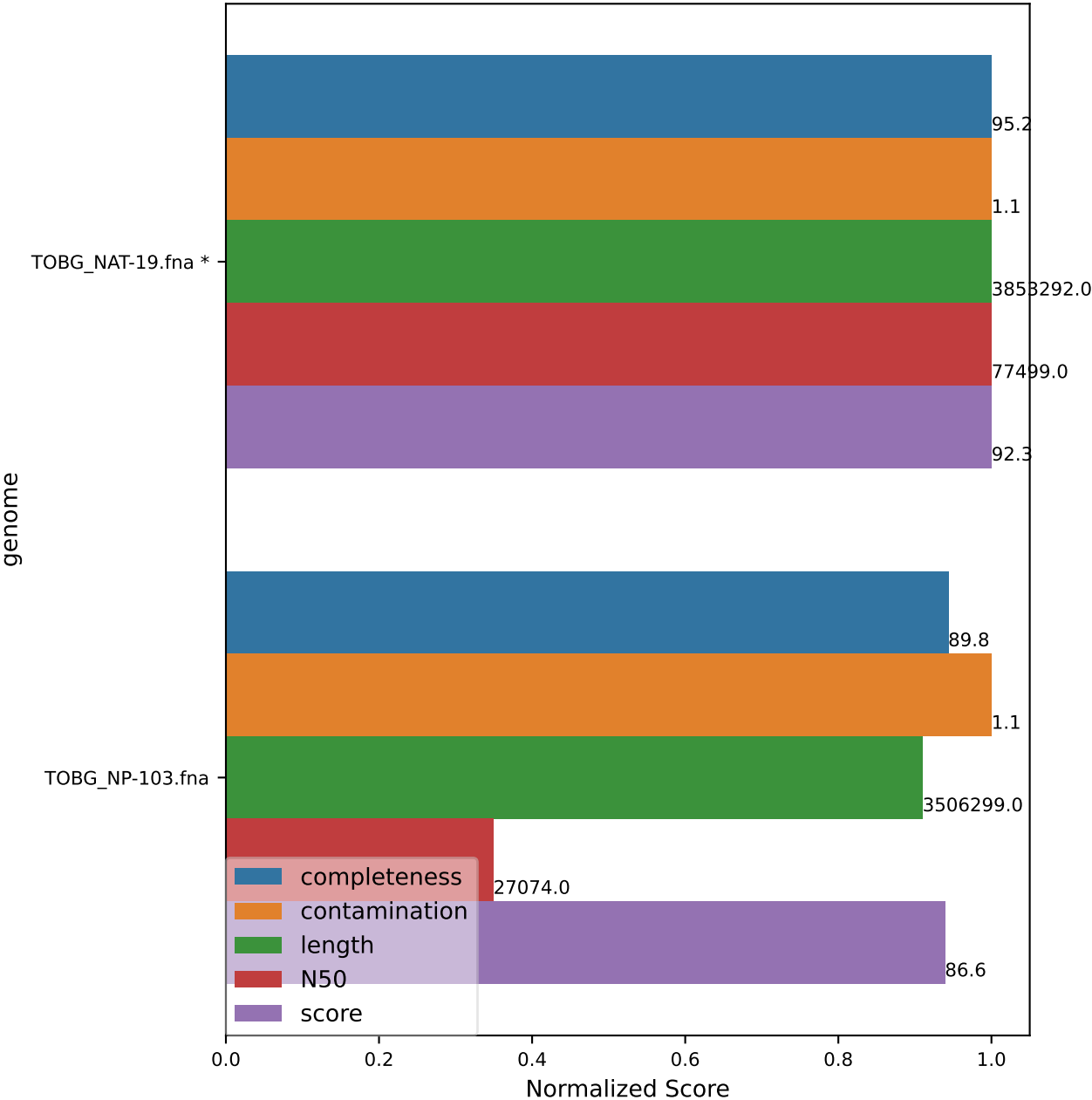
Scoring of cluster 118\_0

genome

TOBG\_MED-660.fna \*



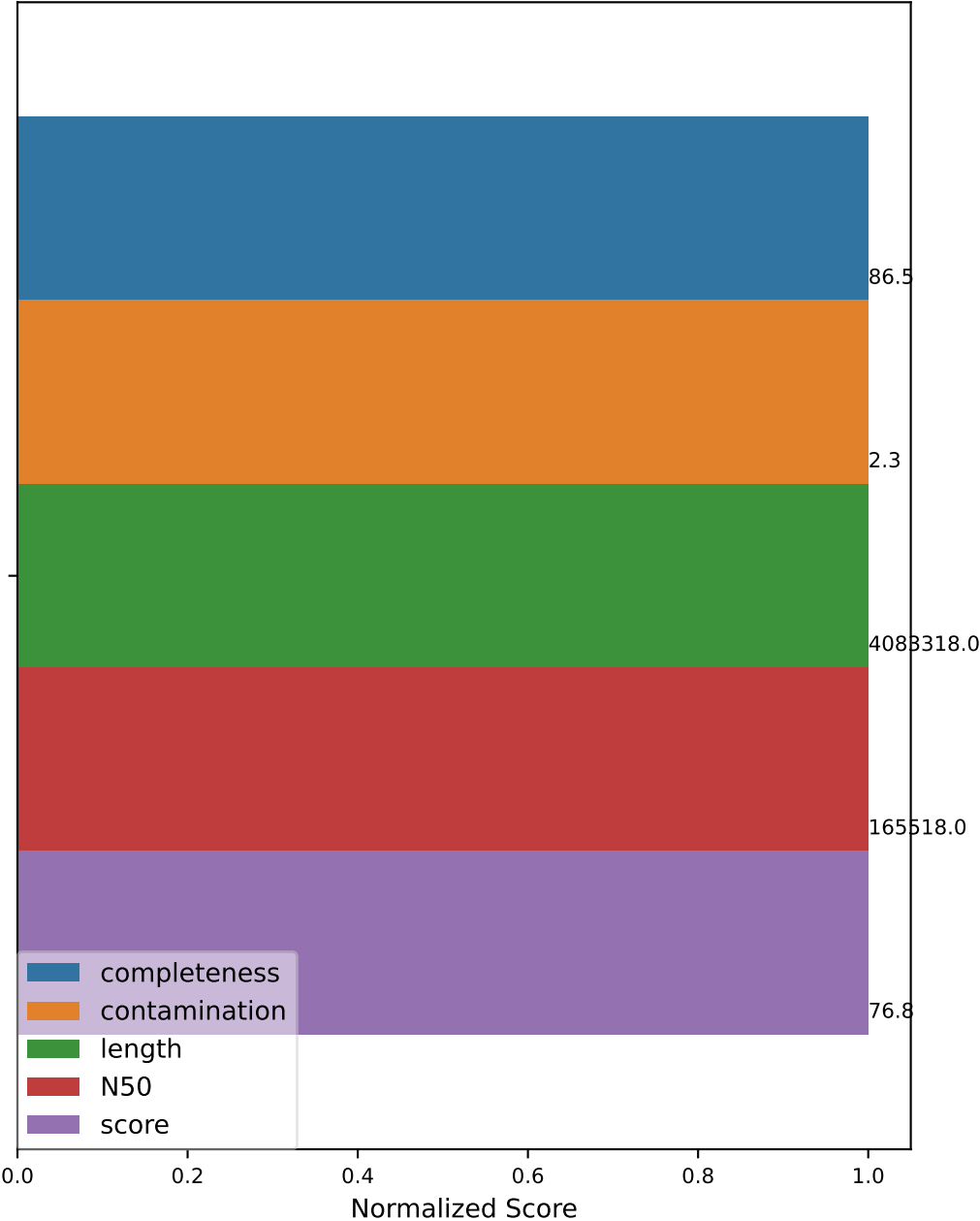
Scoring of cluster 119\_1



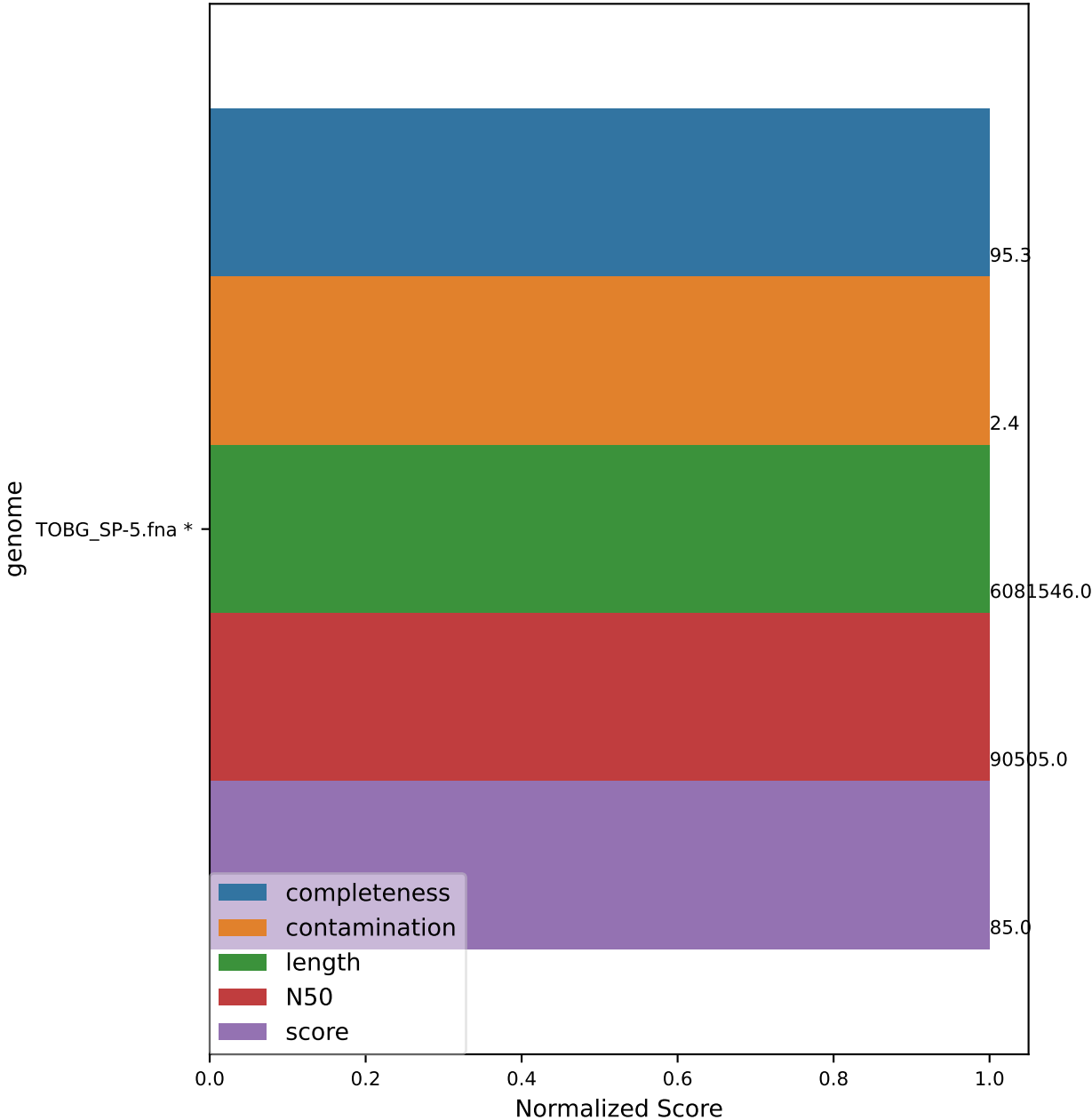
Scoring of cluster 120\_0

genome

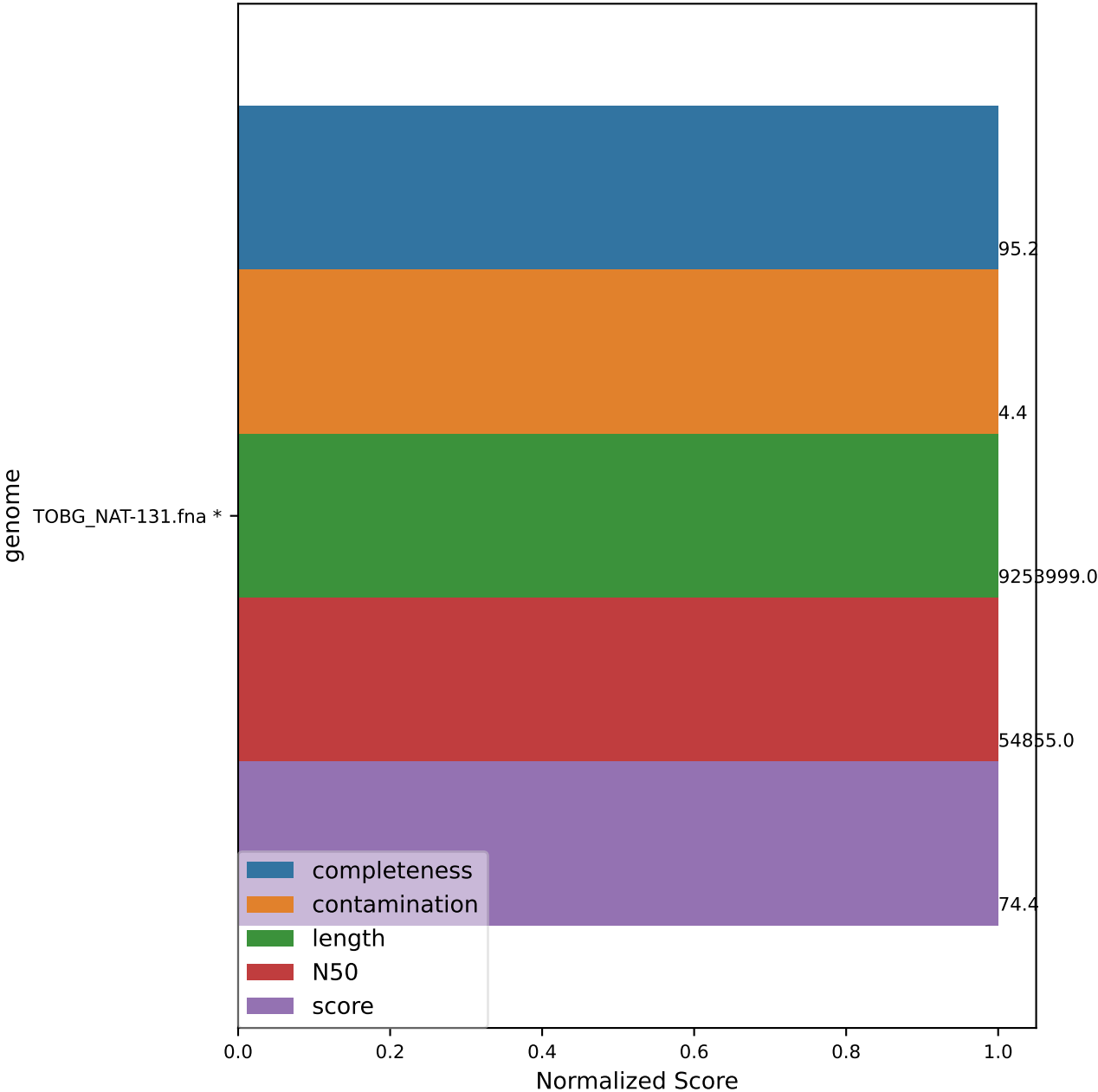
TOBG\_MED-719.fna \*



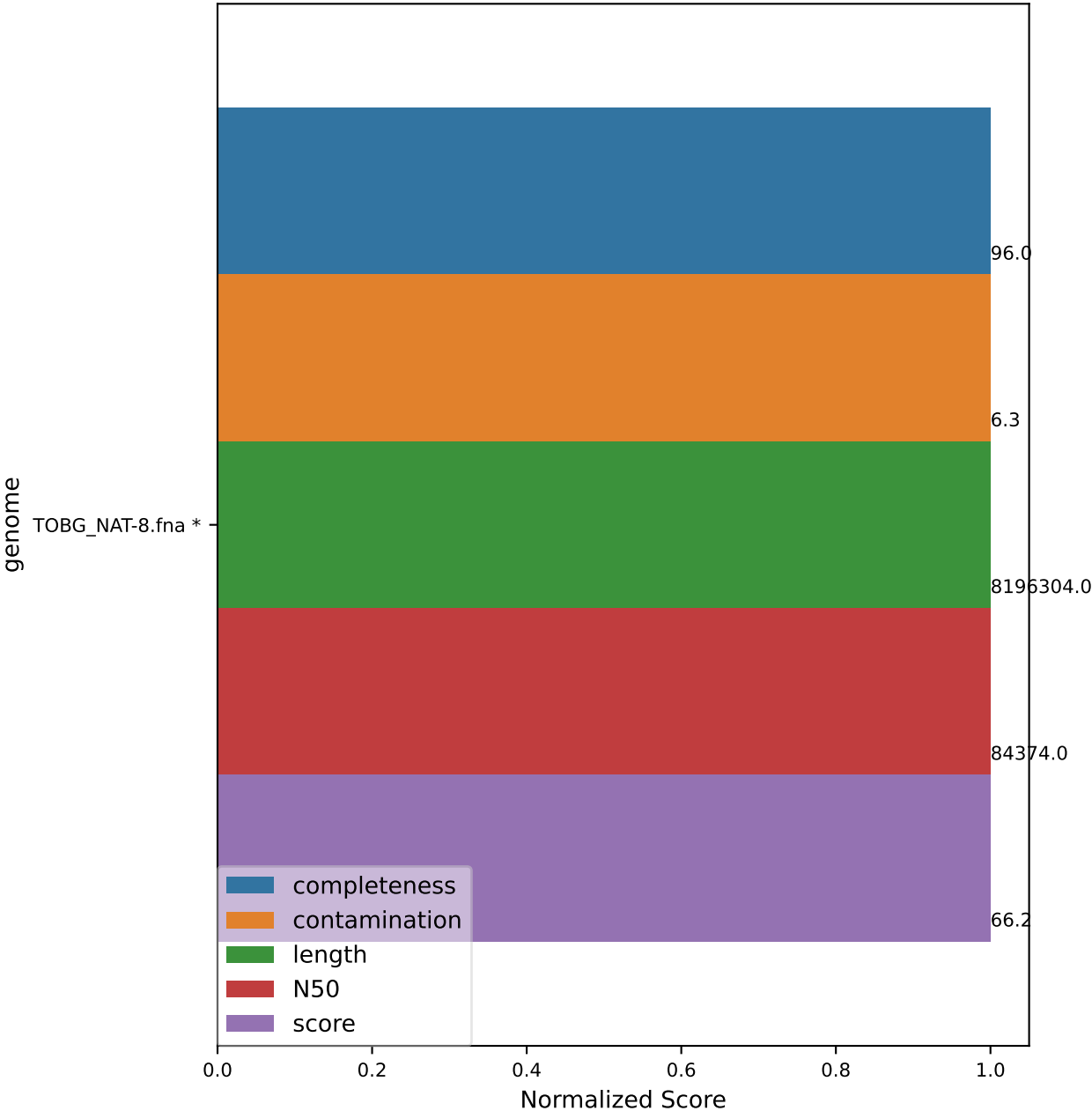
Scoring of cluster 121\_0



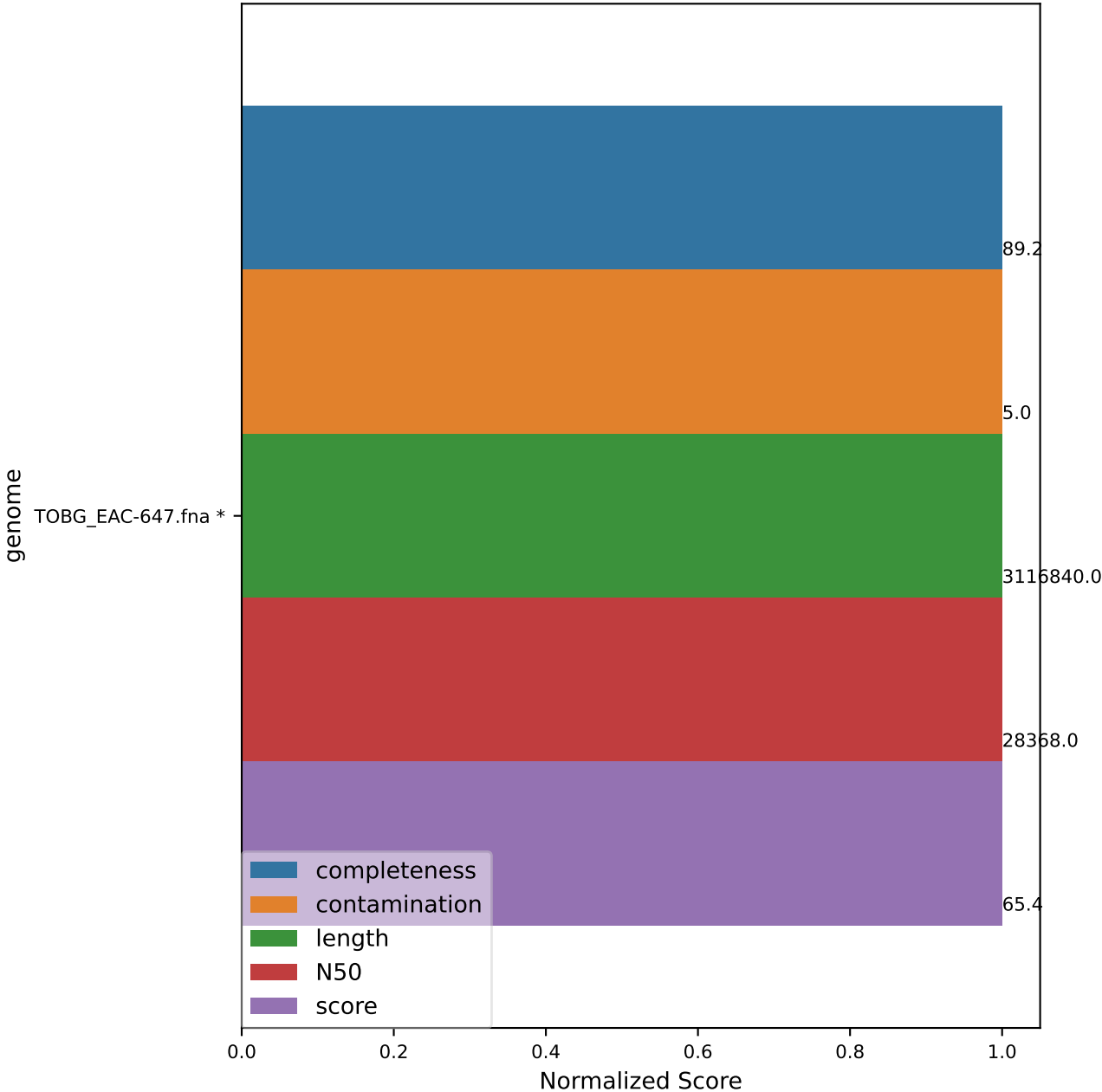
Scoring of cluster 122\_0



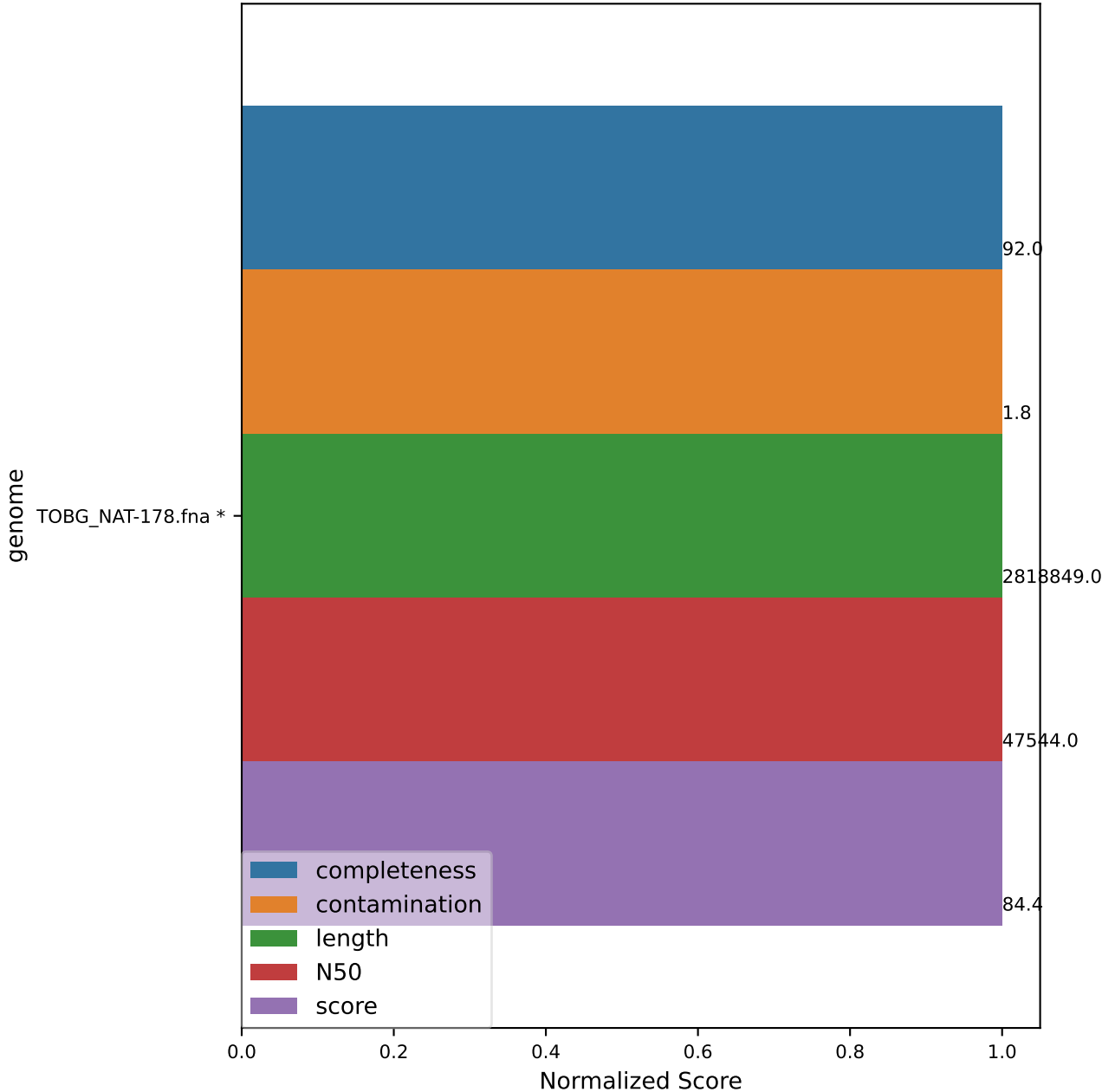
Scoring of cluster 123\_0



Scoring of cluster 124\_0

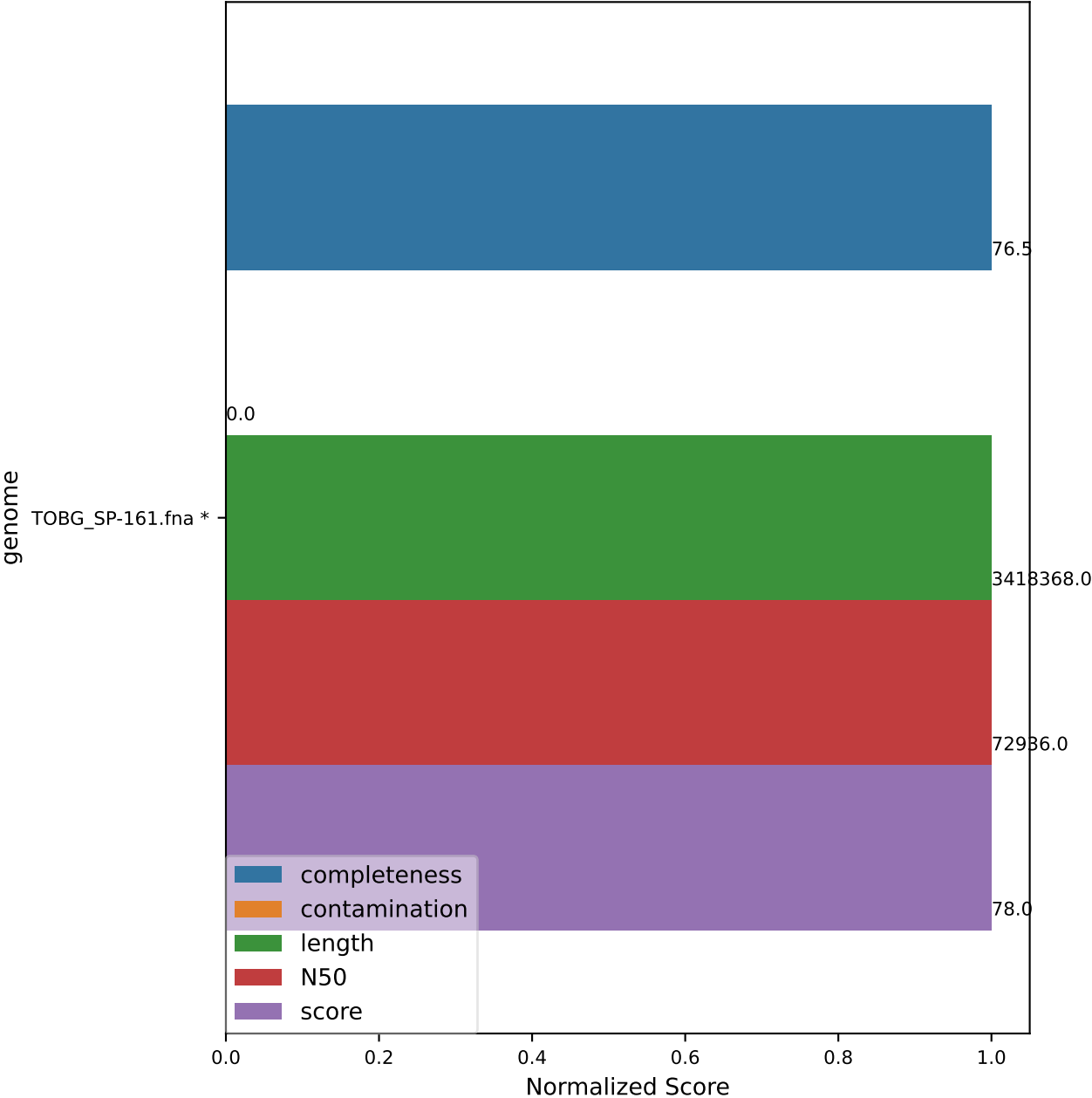


Scoring of cluster 125\_0





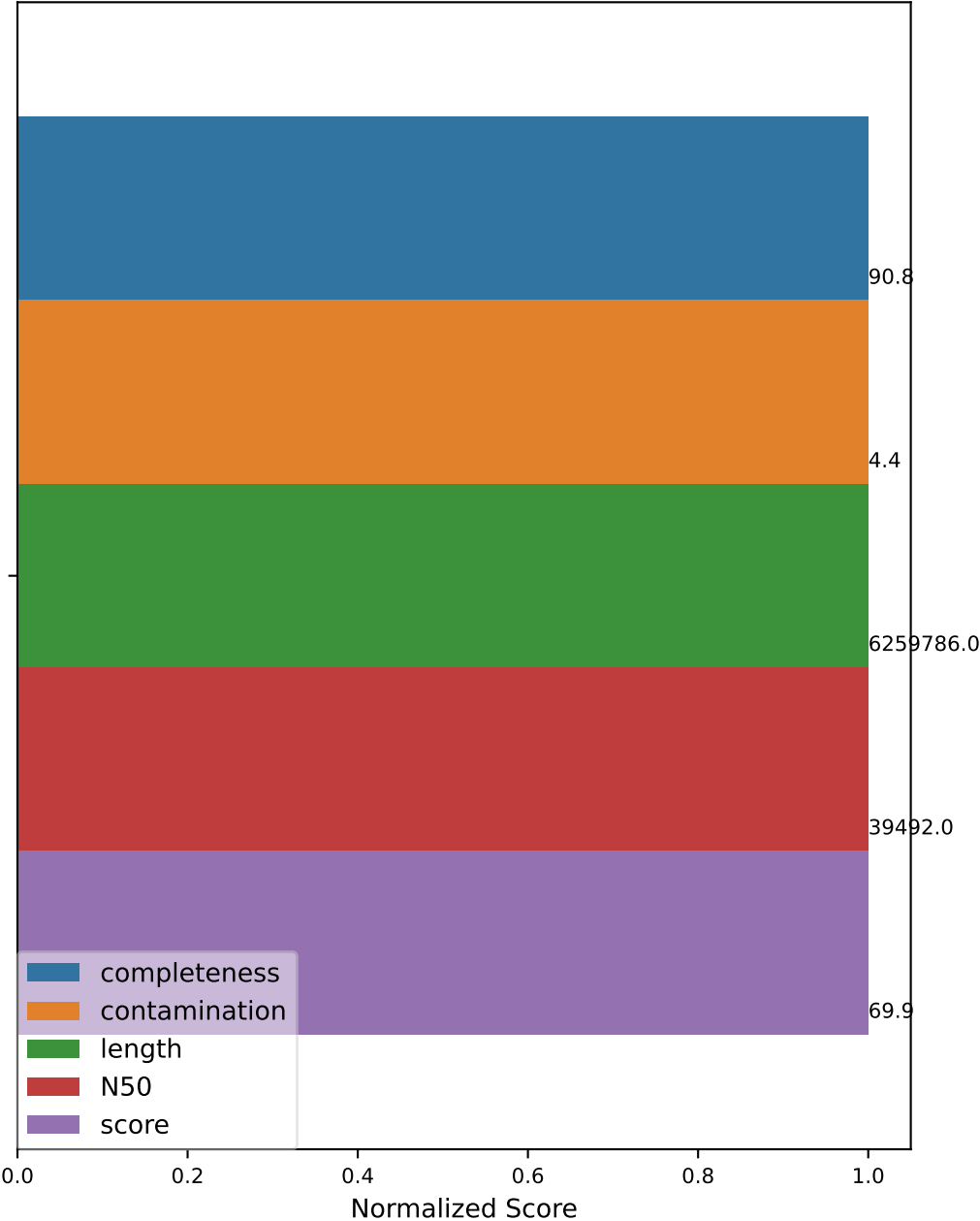
Scoring of cluster 126\_0



Scoring of cluster 127\_0

genome

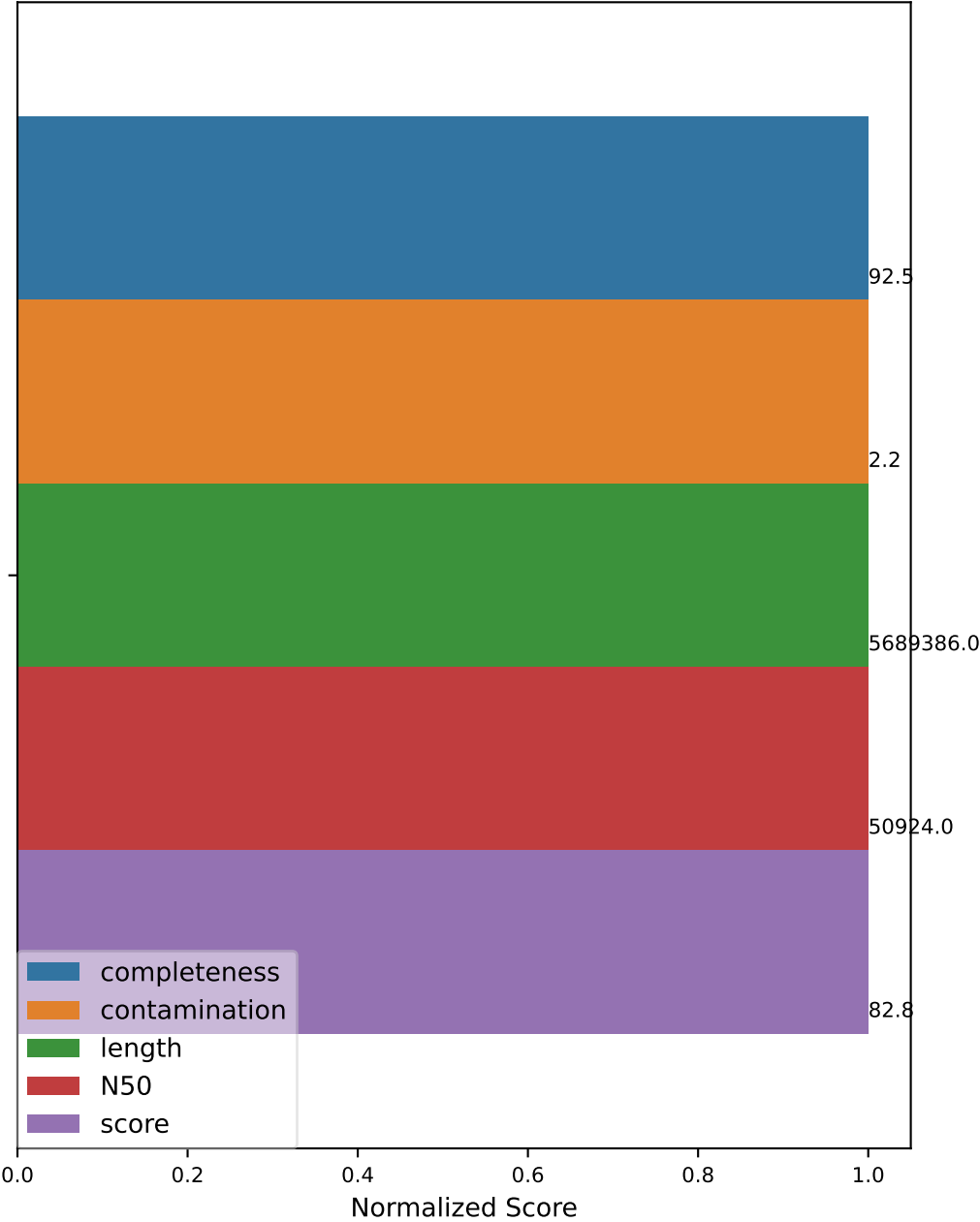
TOBG\_RS-383.fna \*



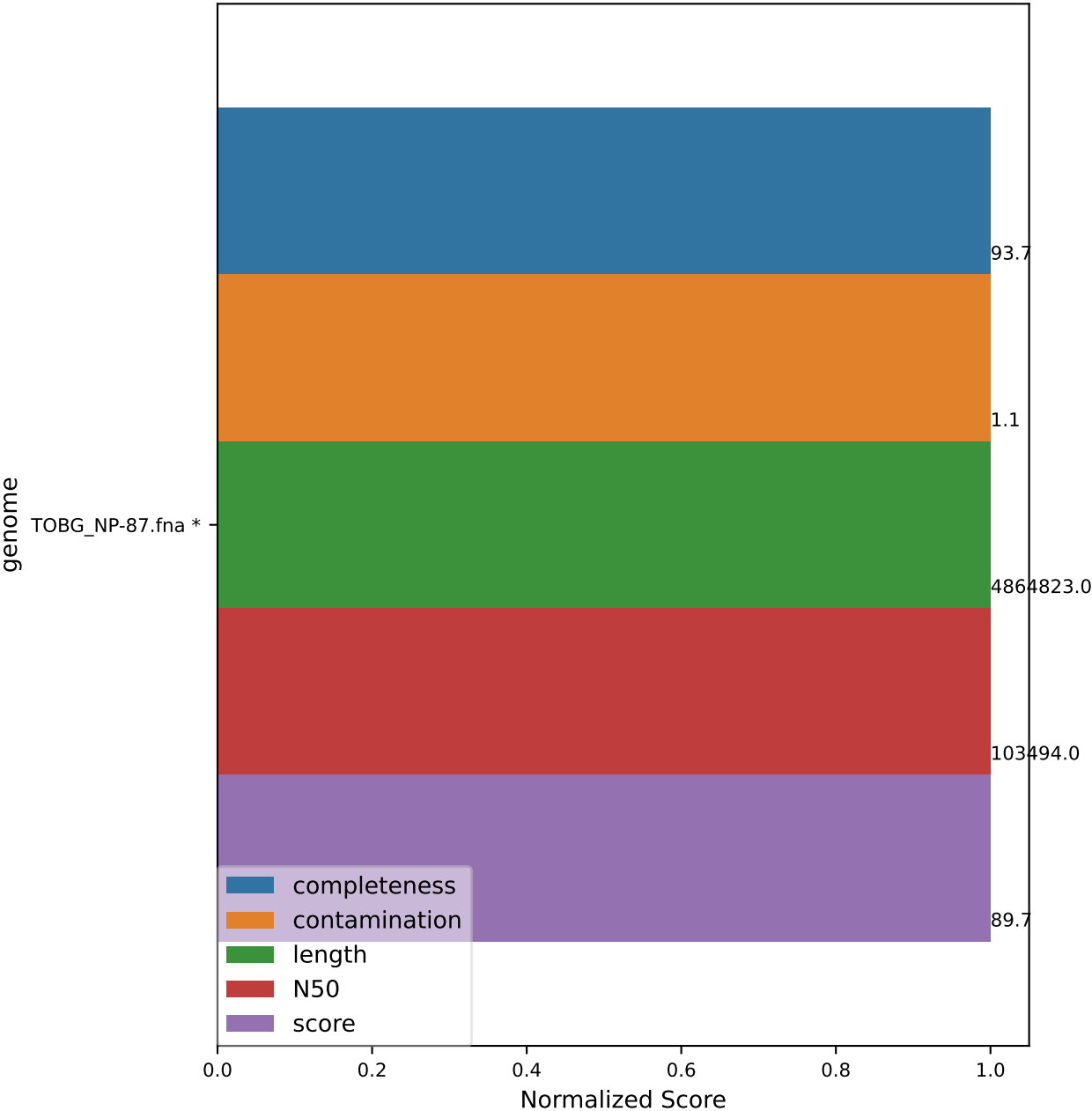
Scoring of cluster 128\_0

genome

TOBG\_RS-395.fna \*



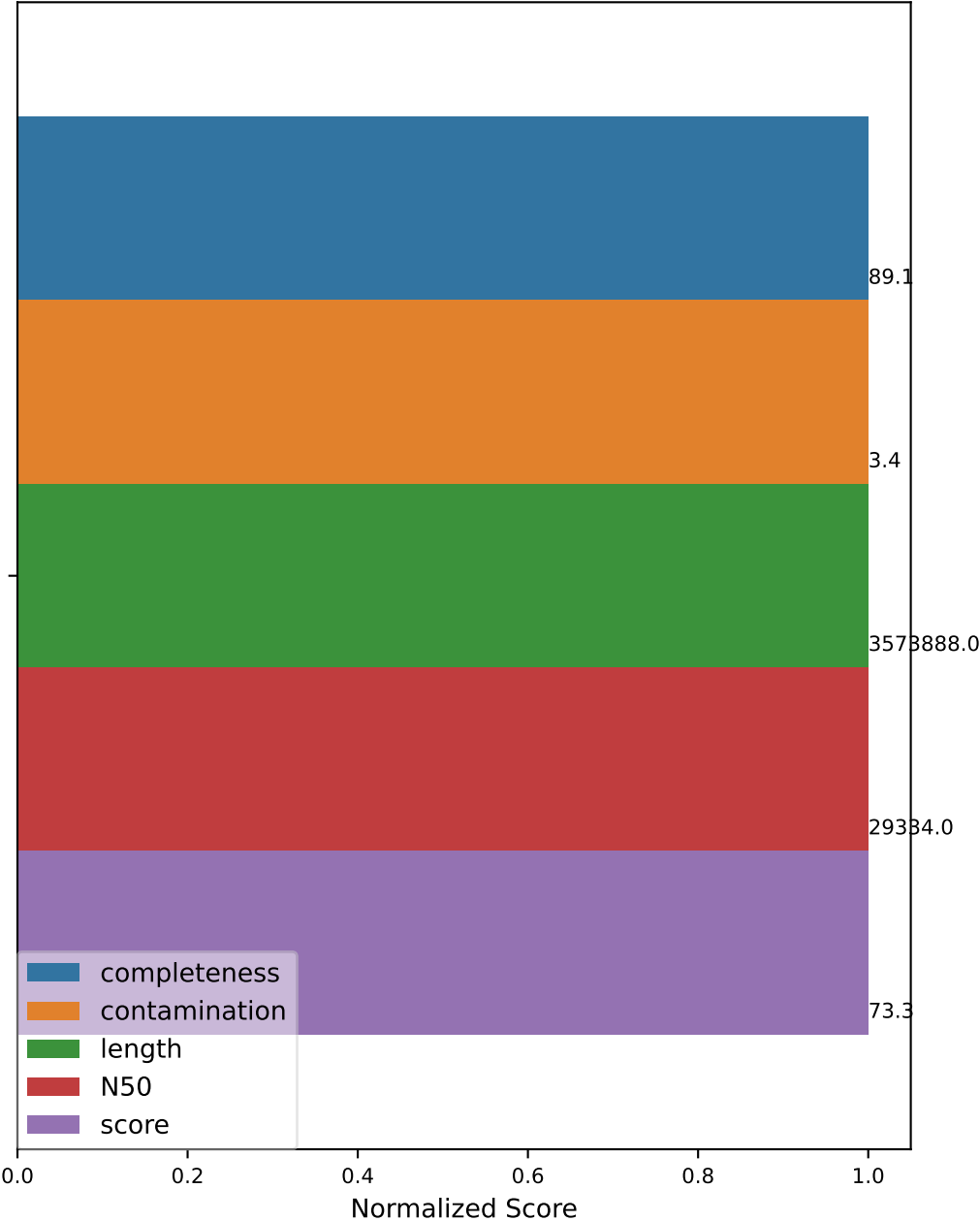
Scoring of cluster 129\_0



Scoring of cluster 130\_0

genome

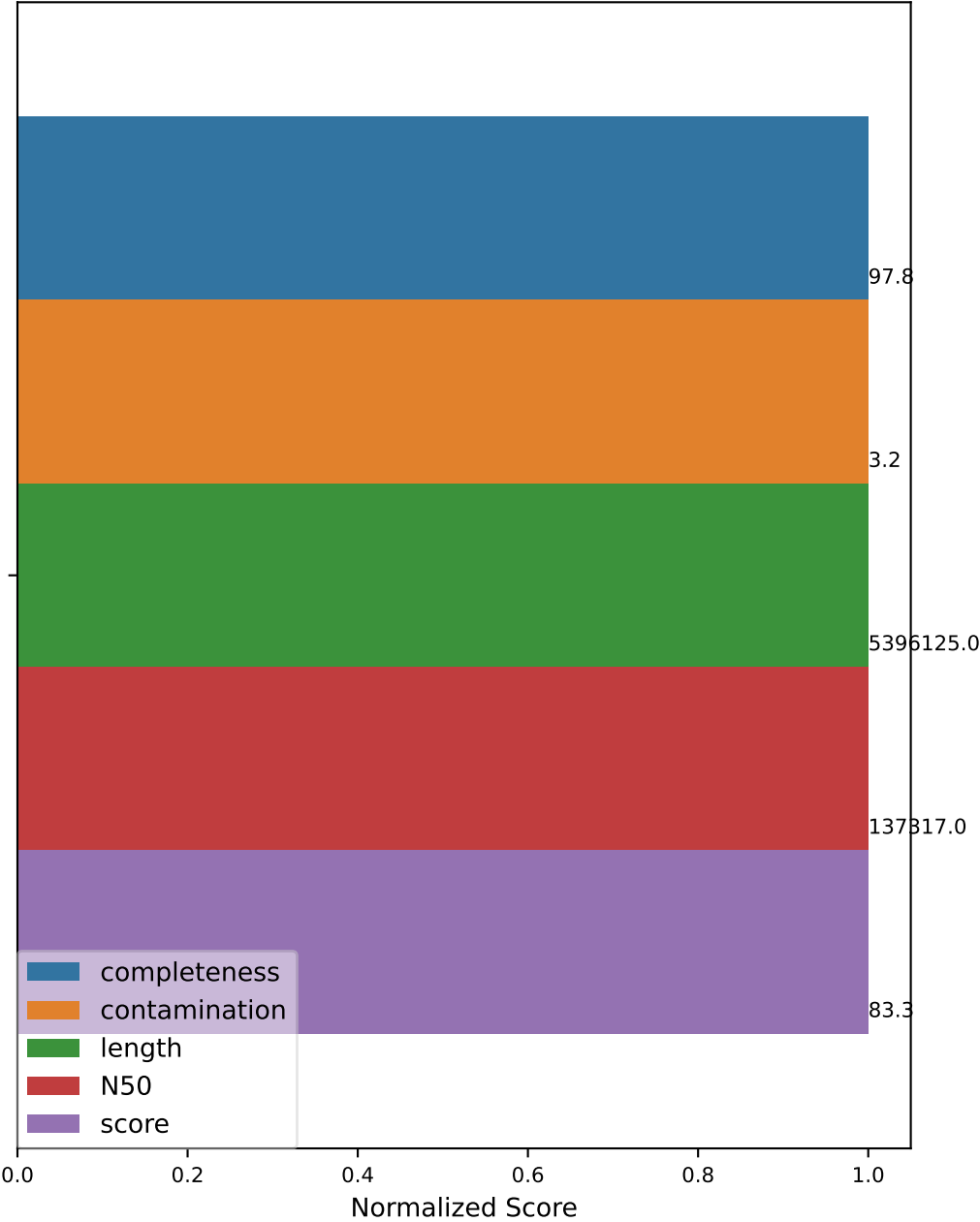
TOBG\_ARS-63.fna \*



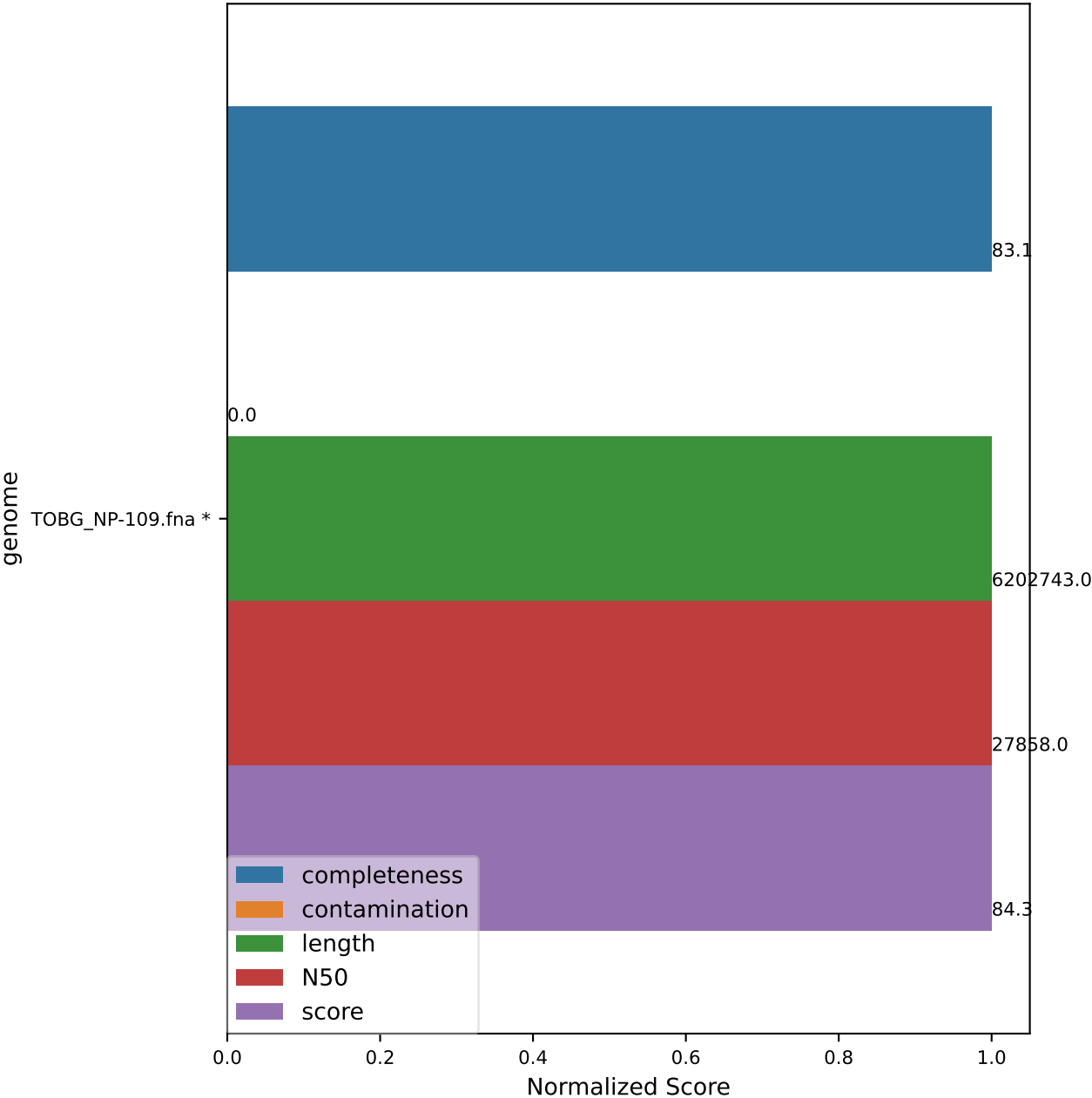
Scoring of cluster 131\_0

genome

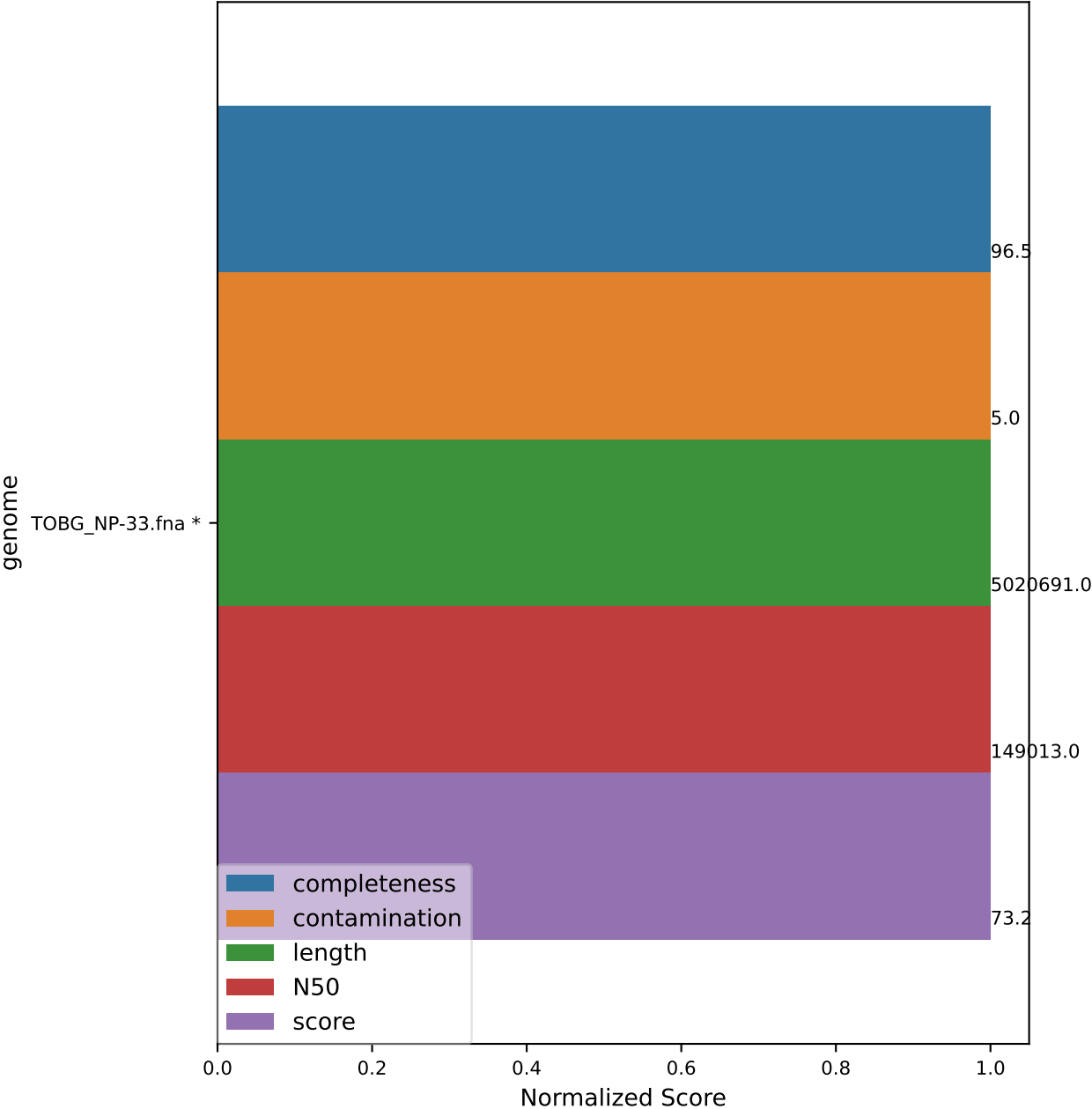
TOBG\_CPC-51.fna \*



Scoring of cluster 132\_0



Scoring of cluster 133\_0

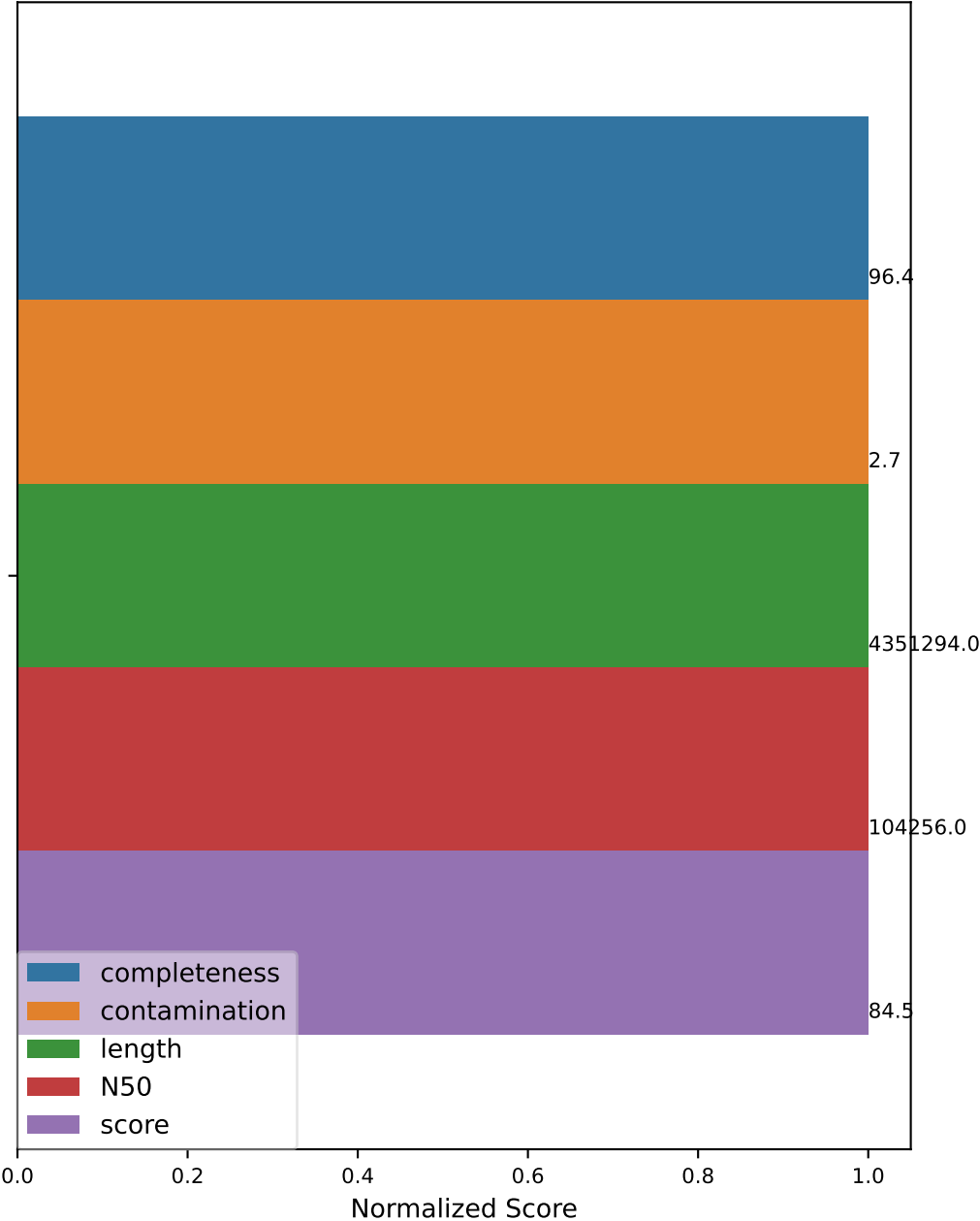




Scoring of cluster 134\_0

genome

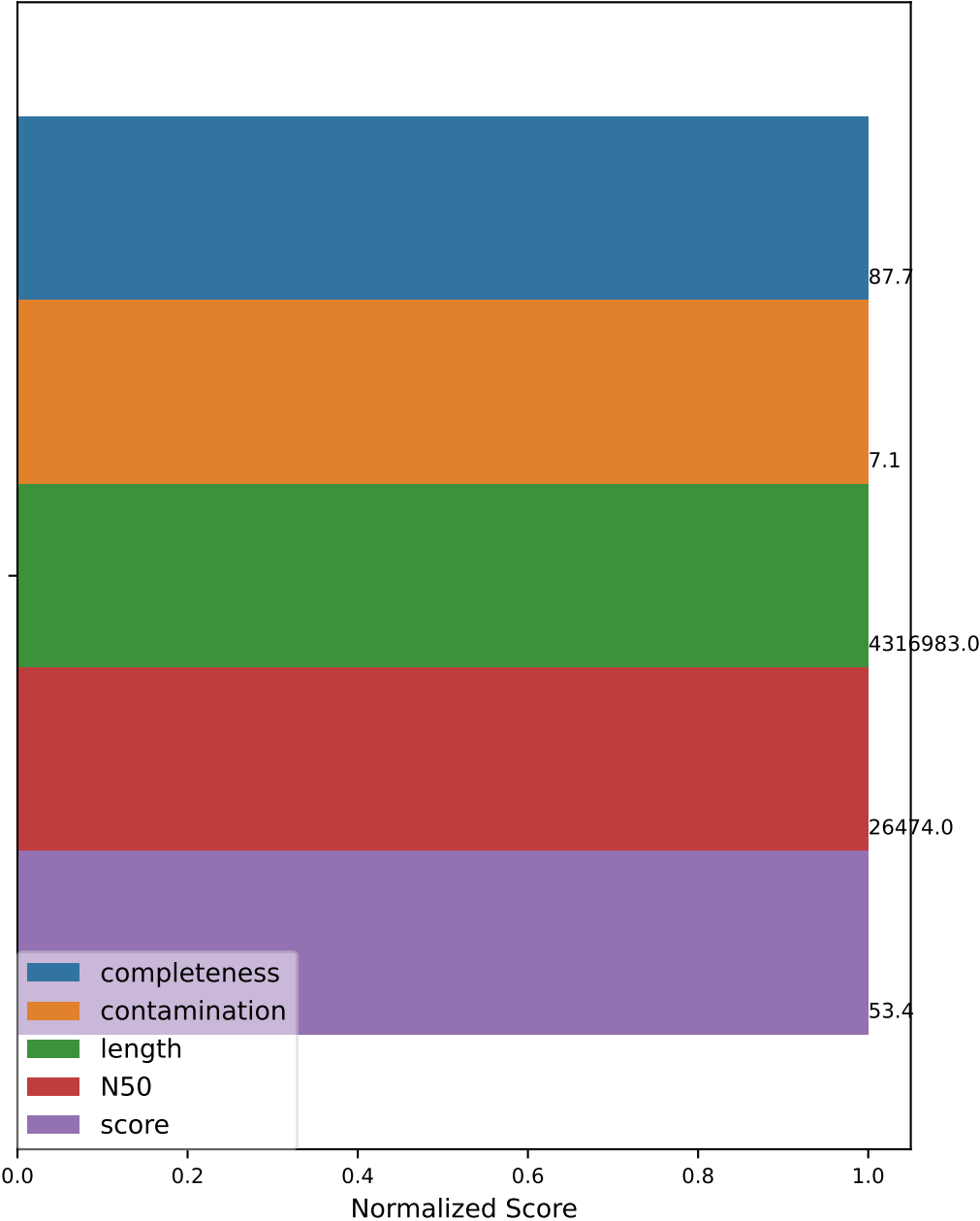
TOBG\_SAT-52.fna \*



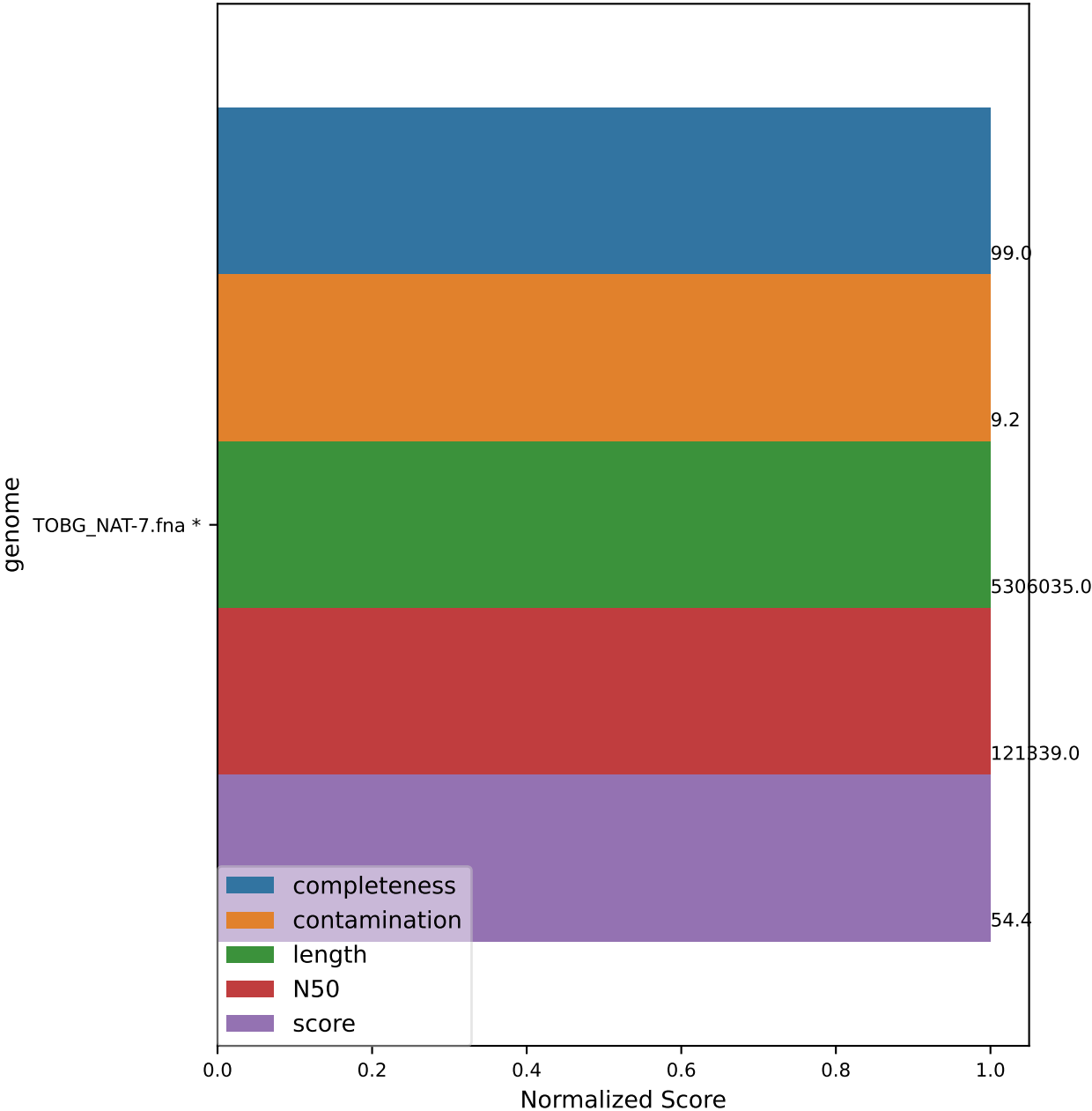
Scoring of cluster 135\_0

genome

TOBG\_NAT-253.fna \*



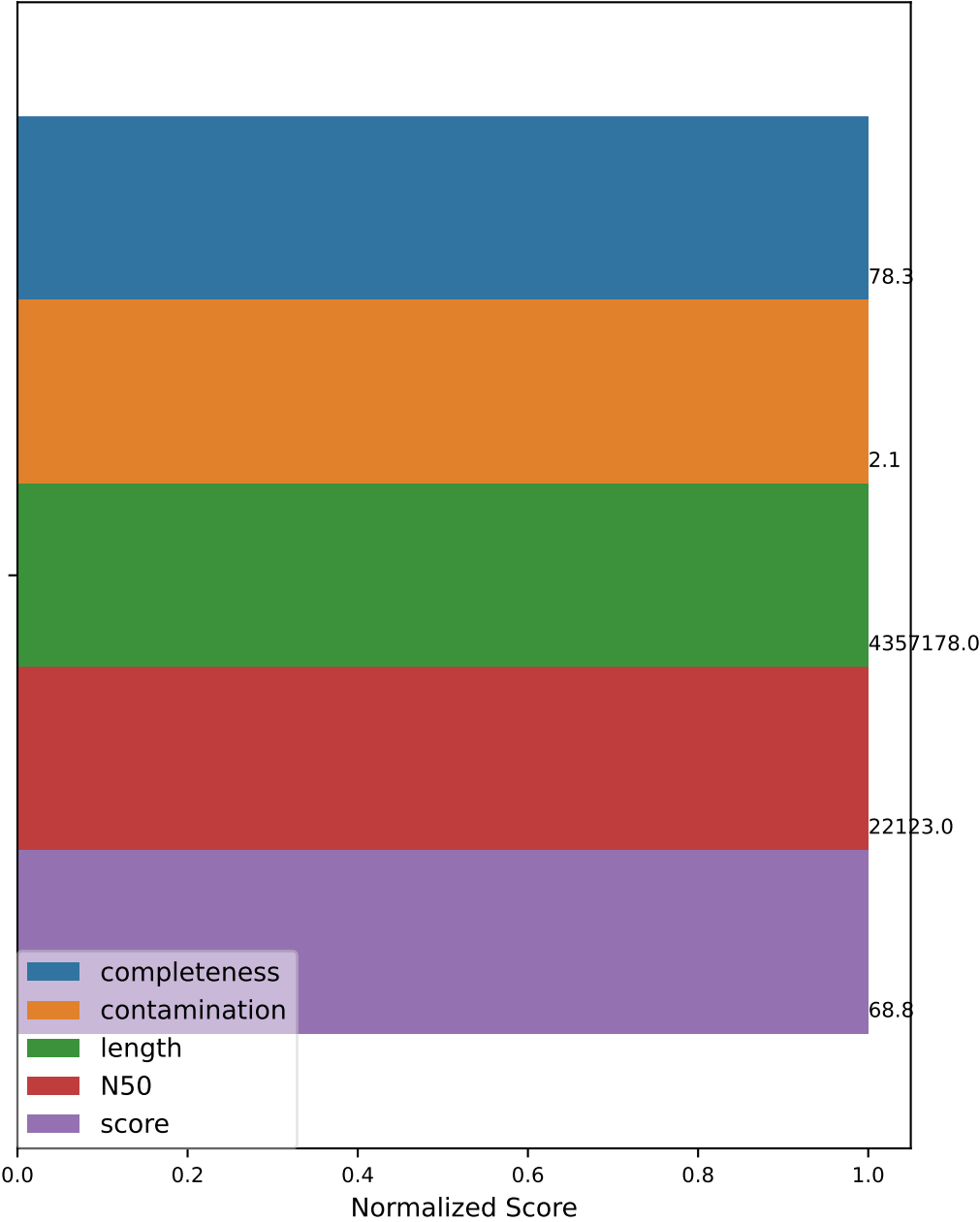
Scoring of cluster 136\_0



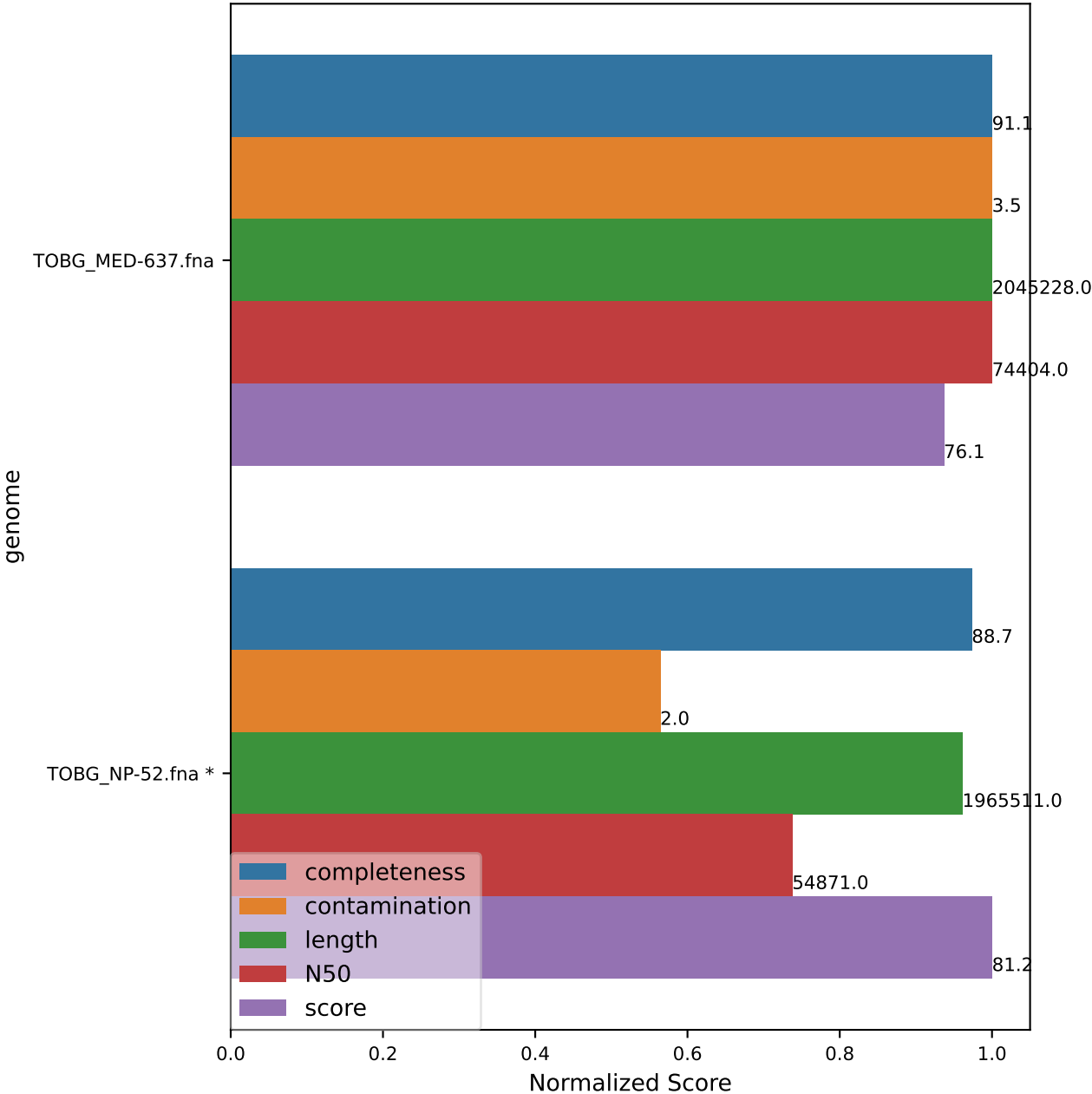
Scoring of cluster 137\_0

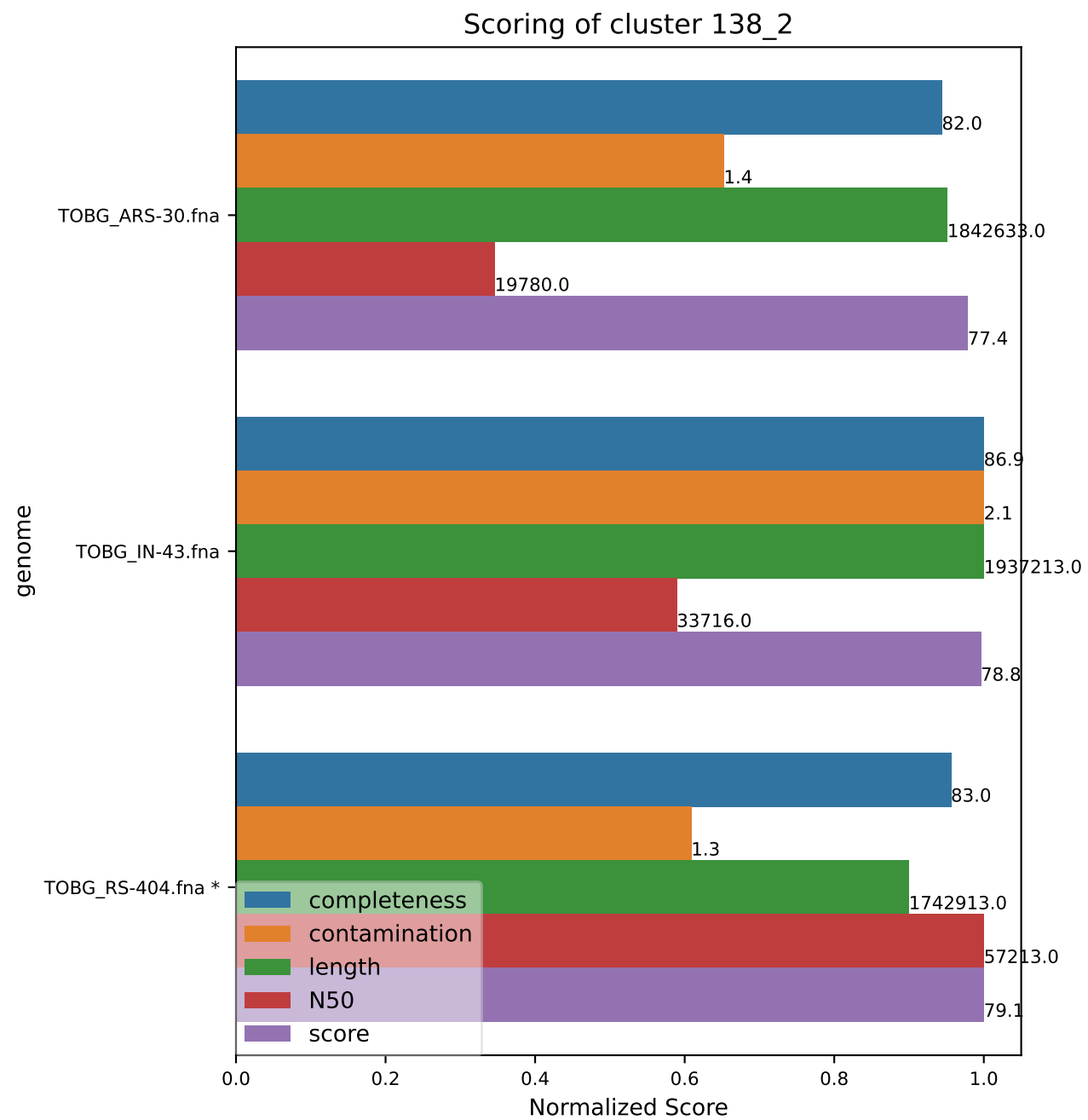
genome

TOBG\_NAT-239.fna \*

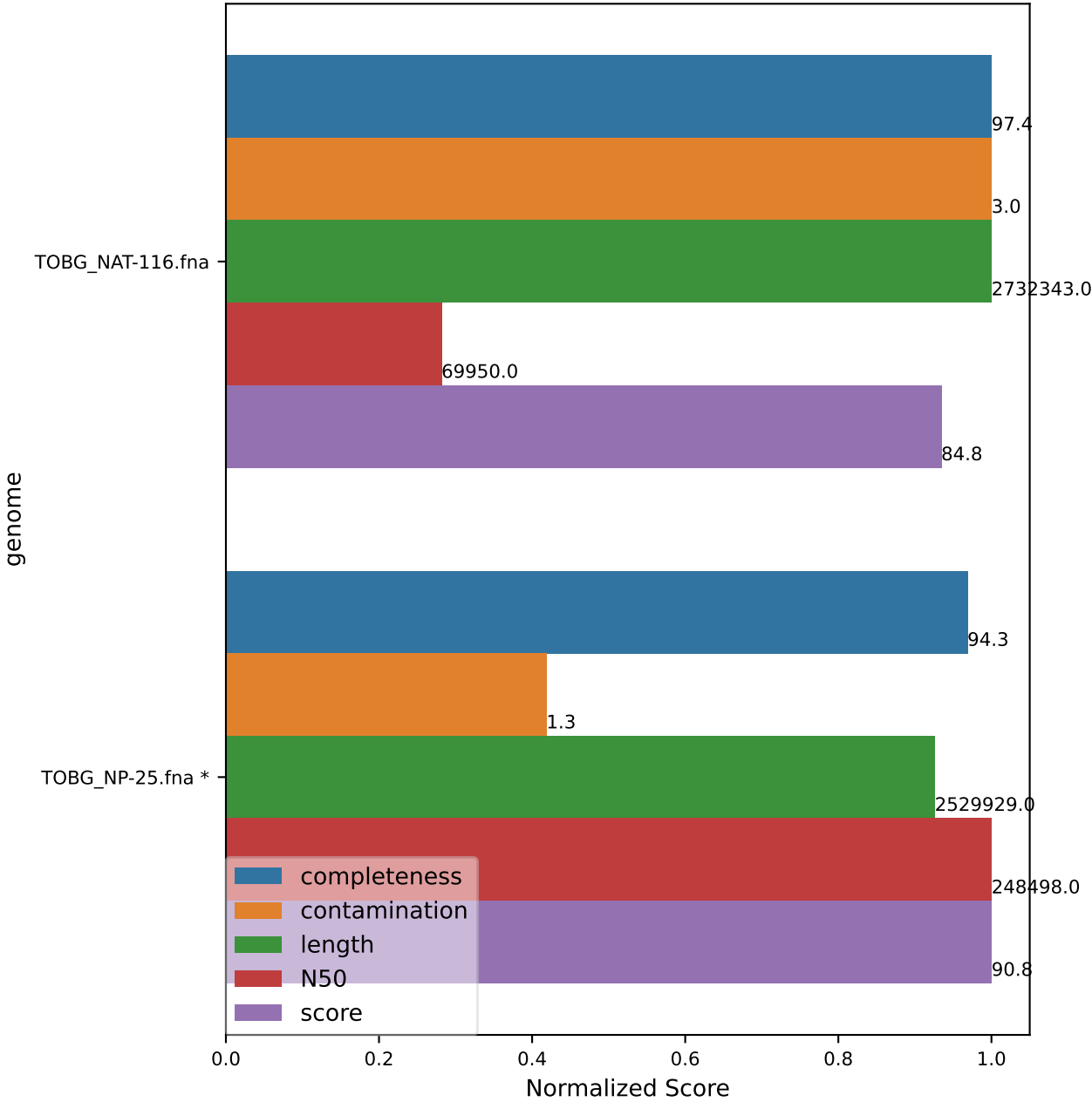


Scoring of cluster 138\_1

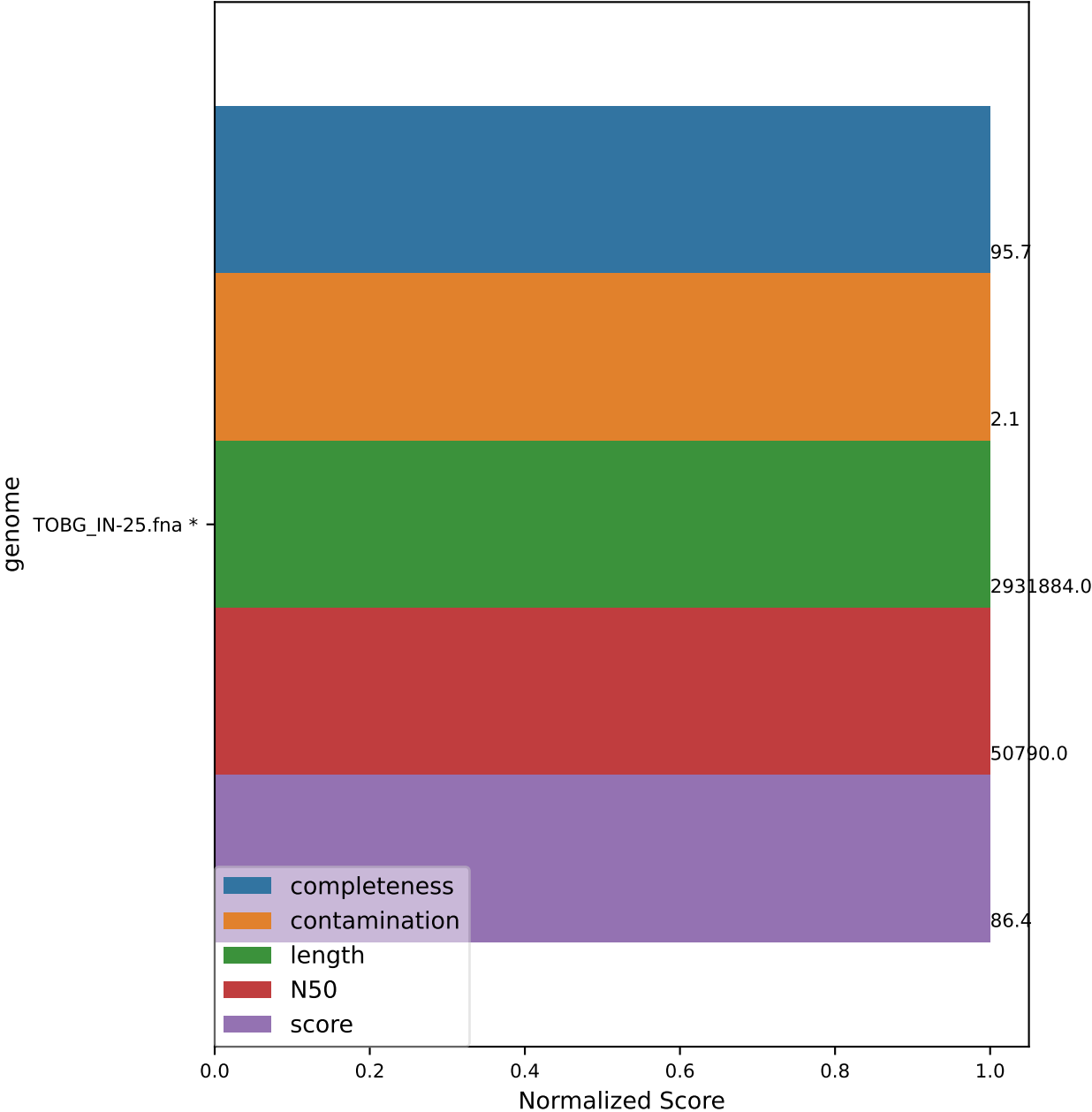




Scoring of cluster 139\_1

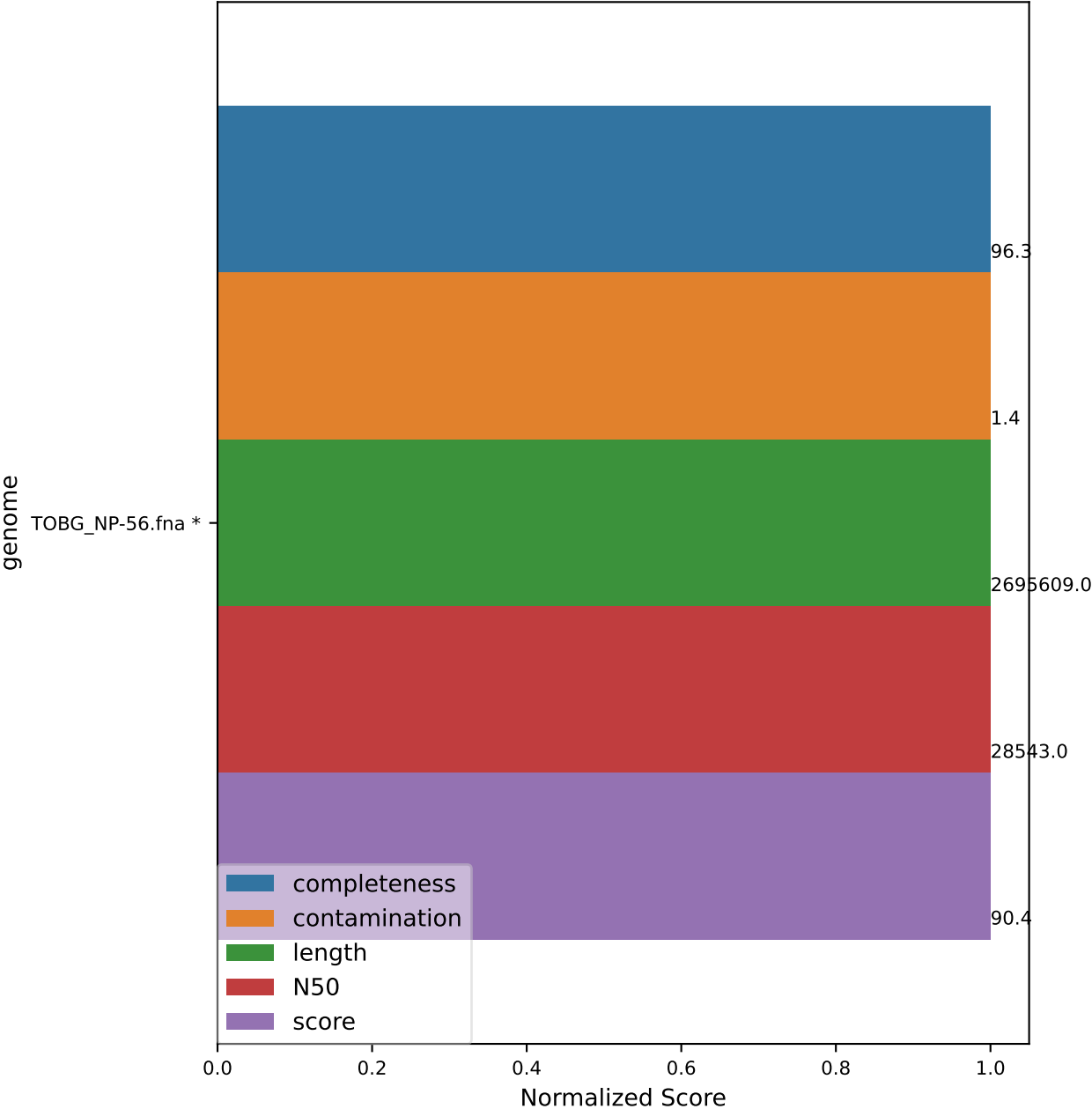


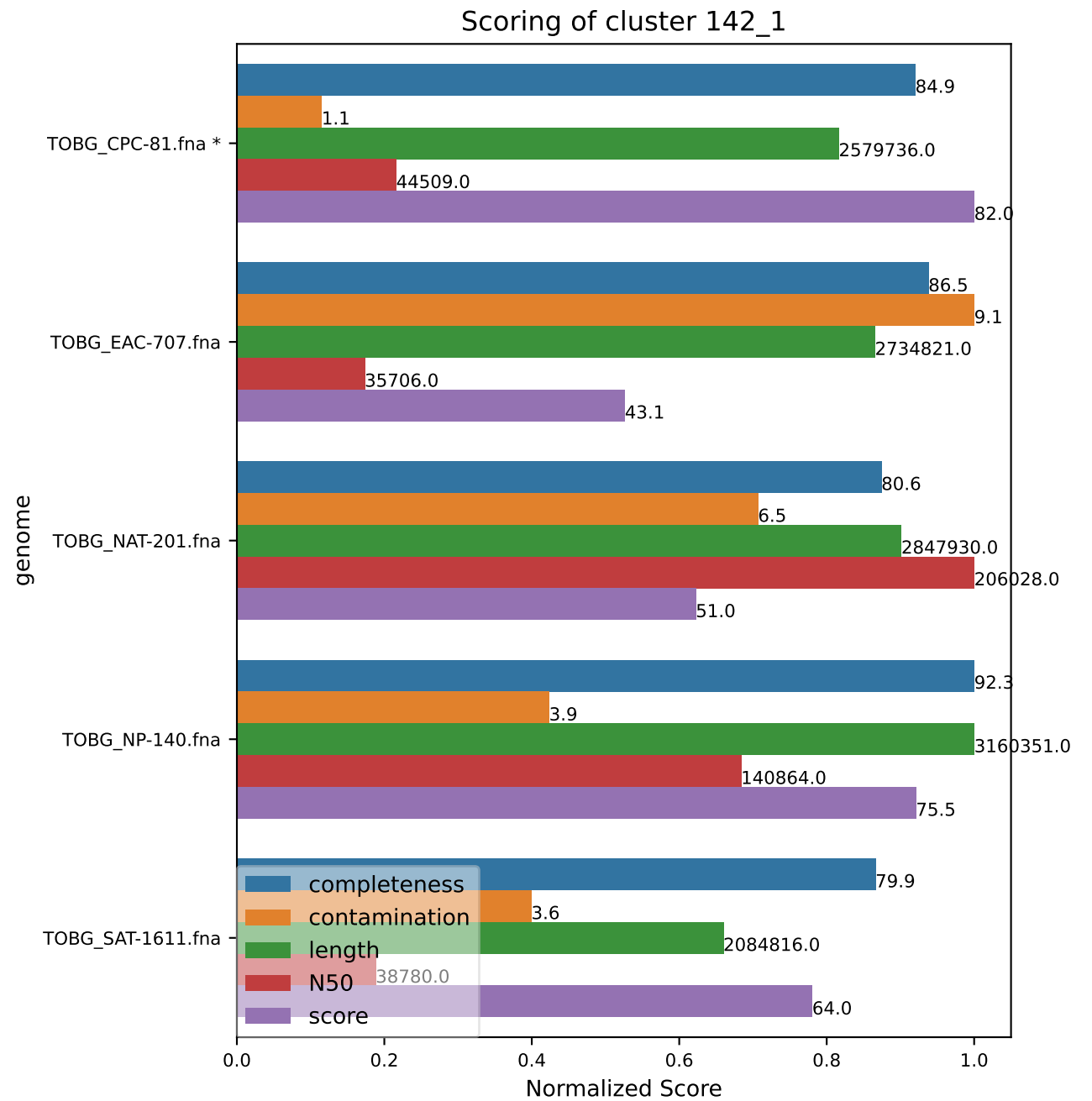
Scoring of cluster 140\_0



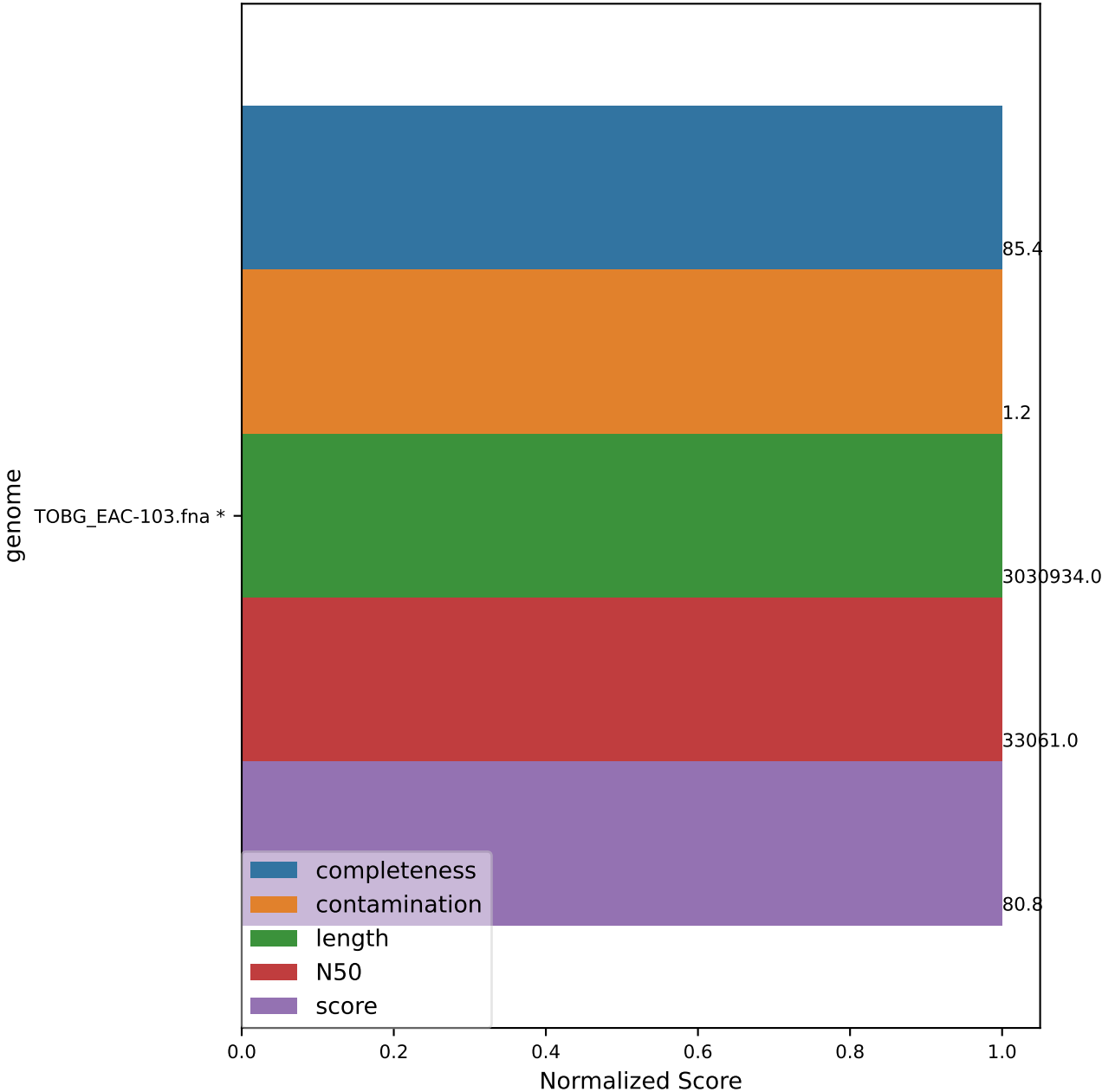


Scoring of cluster 141\_0

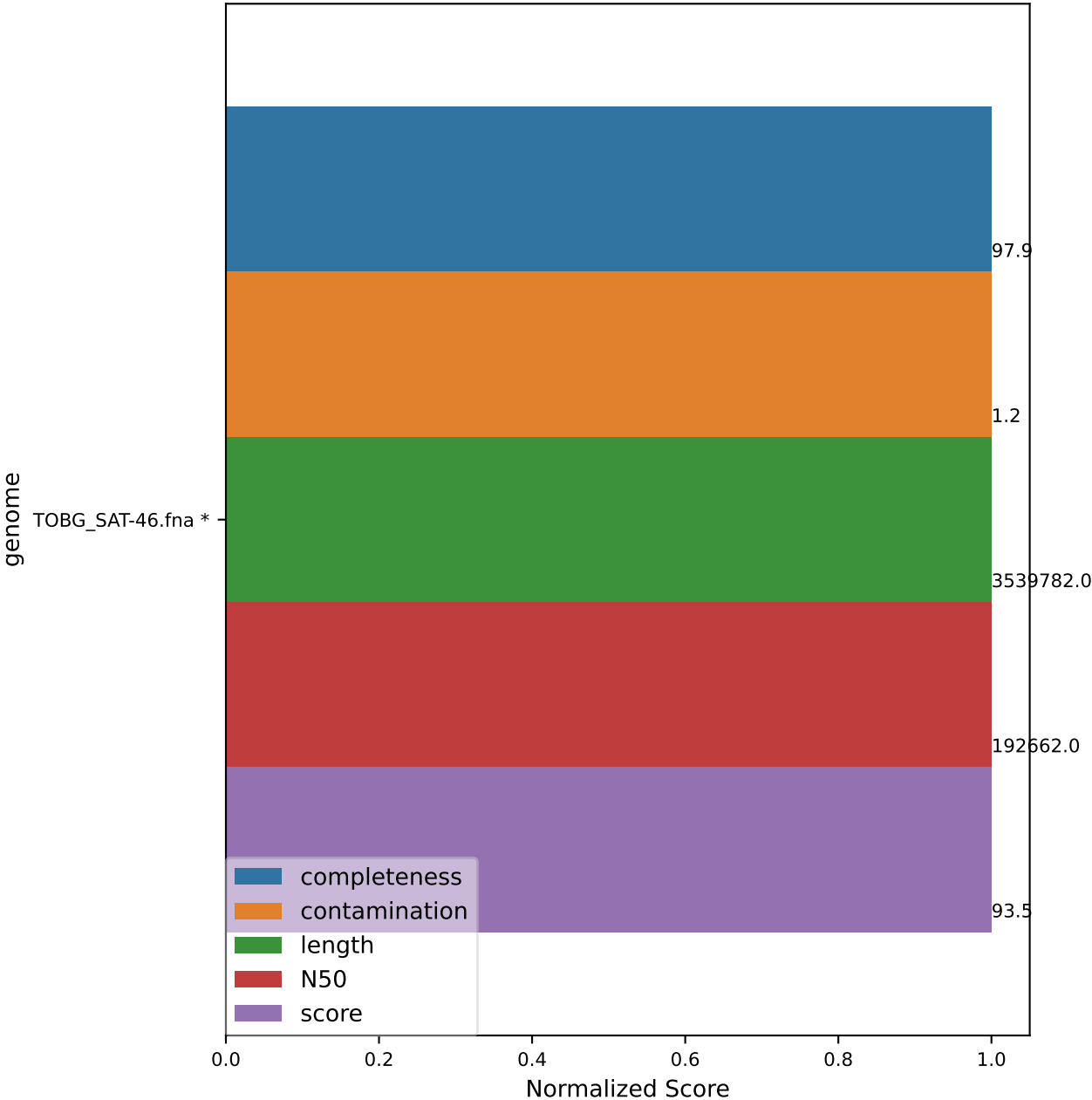




Scoring of cluster 143\_0



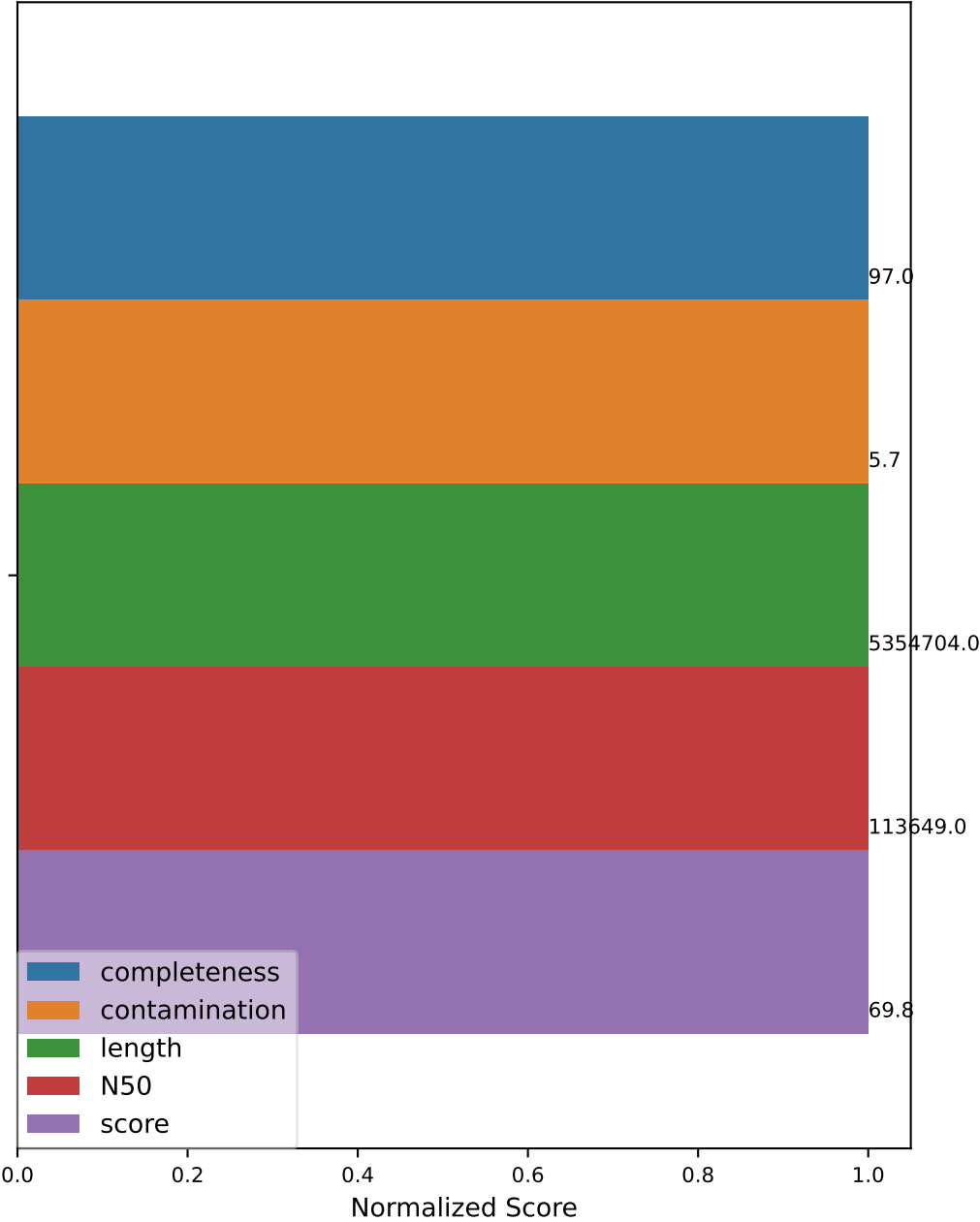
Scoring of cluster 144\_0



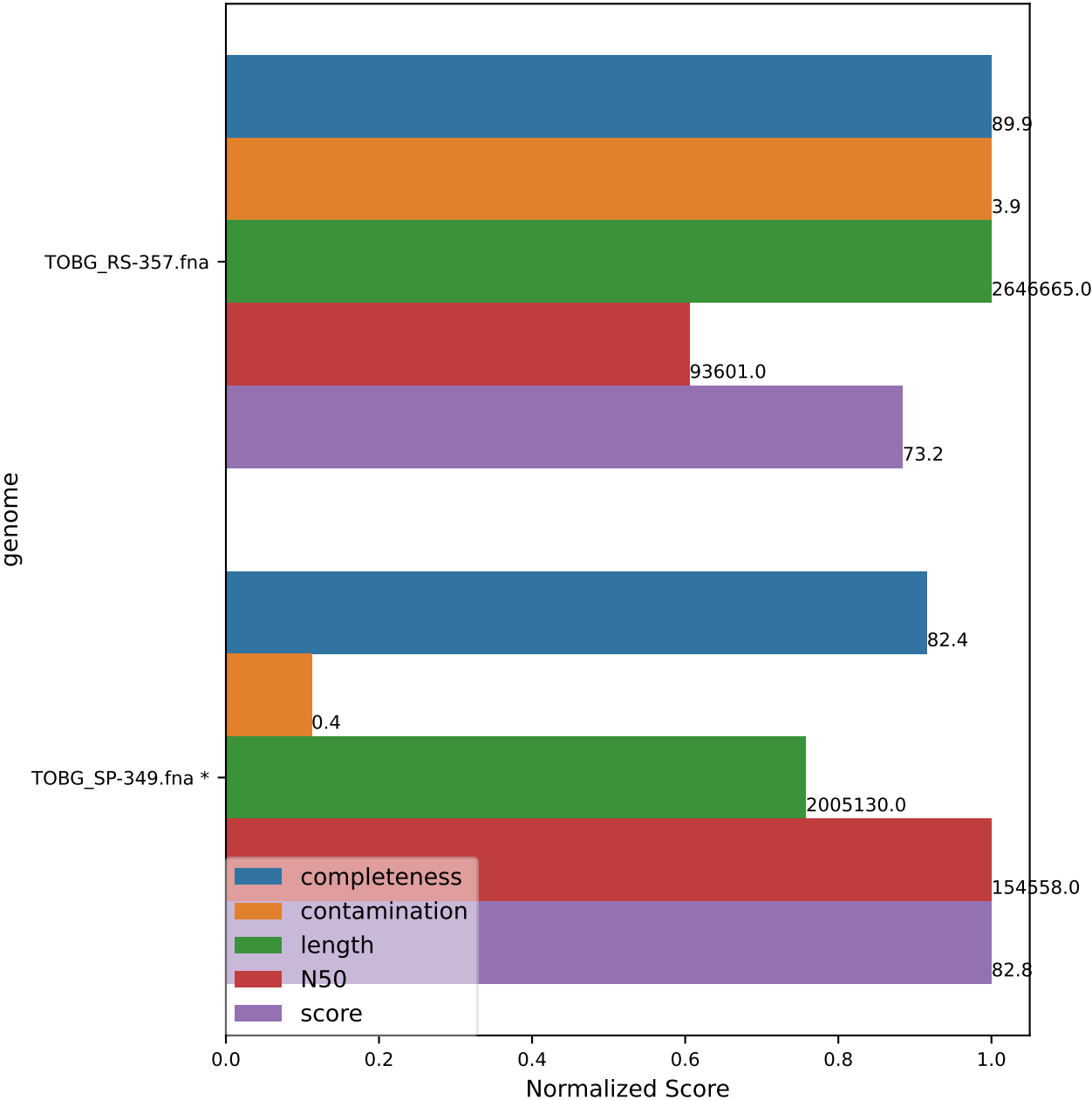
Scoring of cluster 145\_0

genome

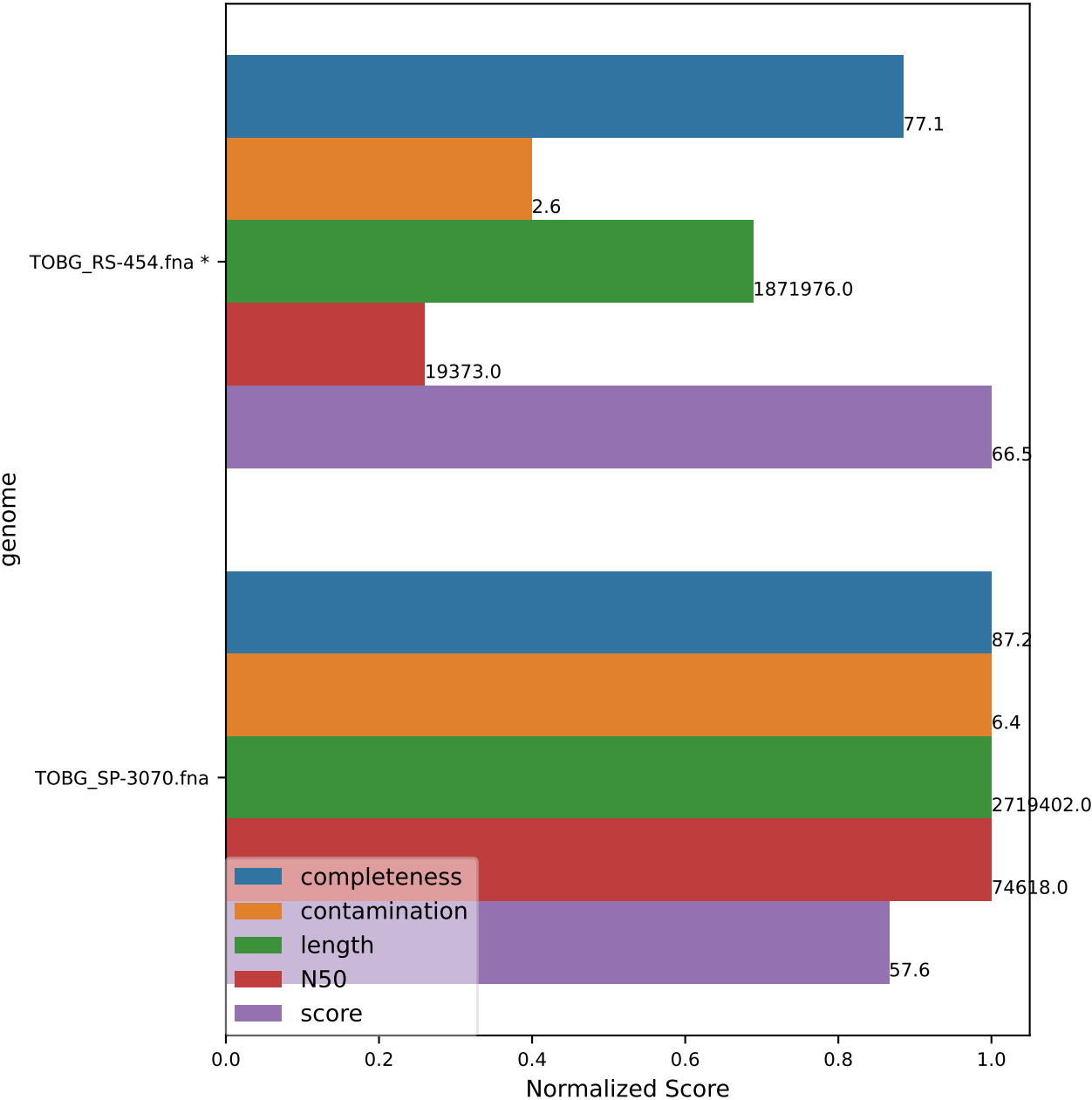
TOBG\_NAT-169.fna \*



Scoring of cluster 146\_1



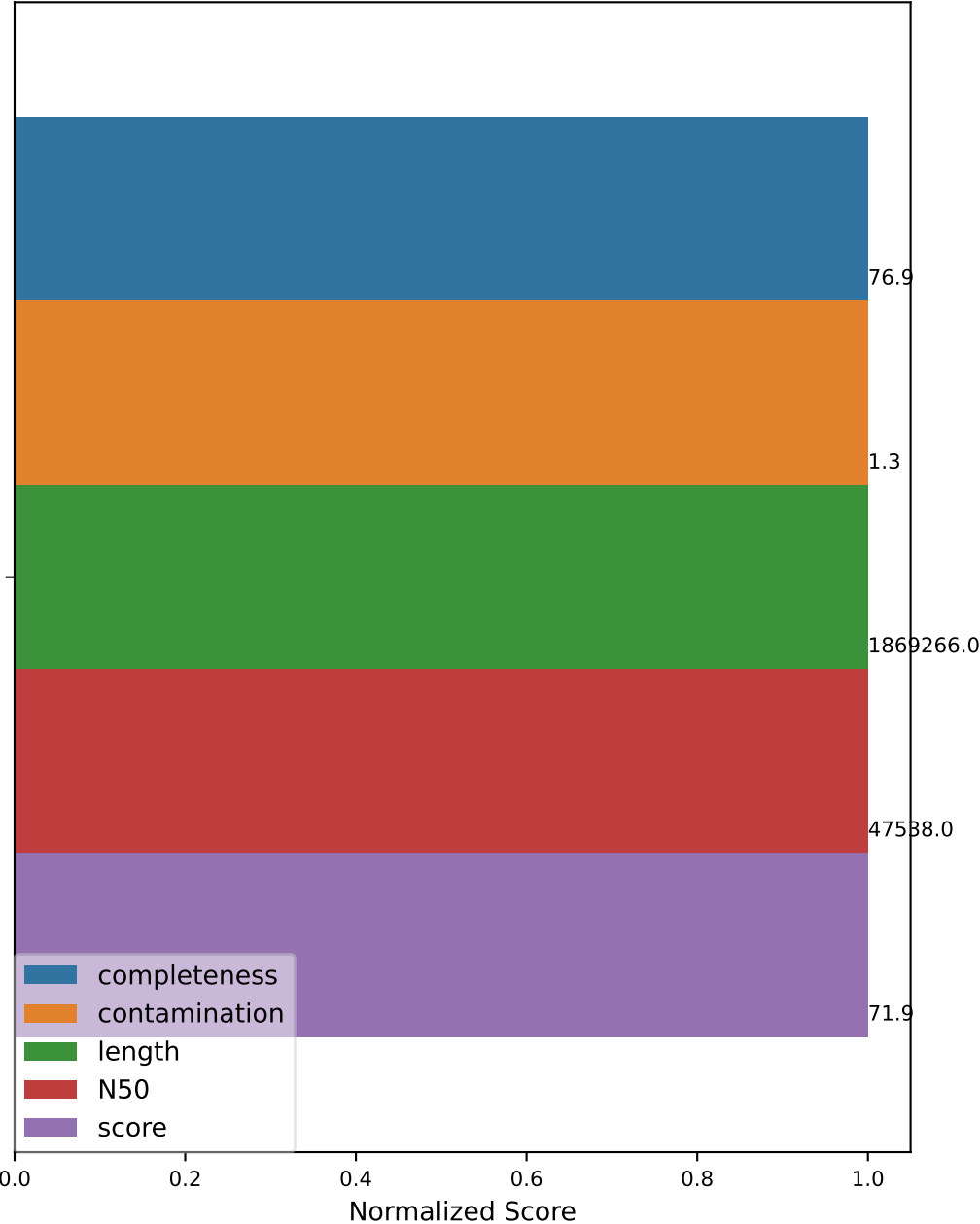
Scoring of cluster 147\_1



Scoring of cluster 148\_0

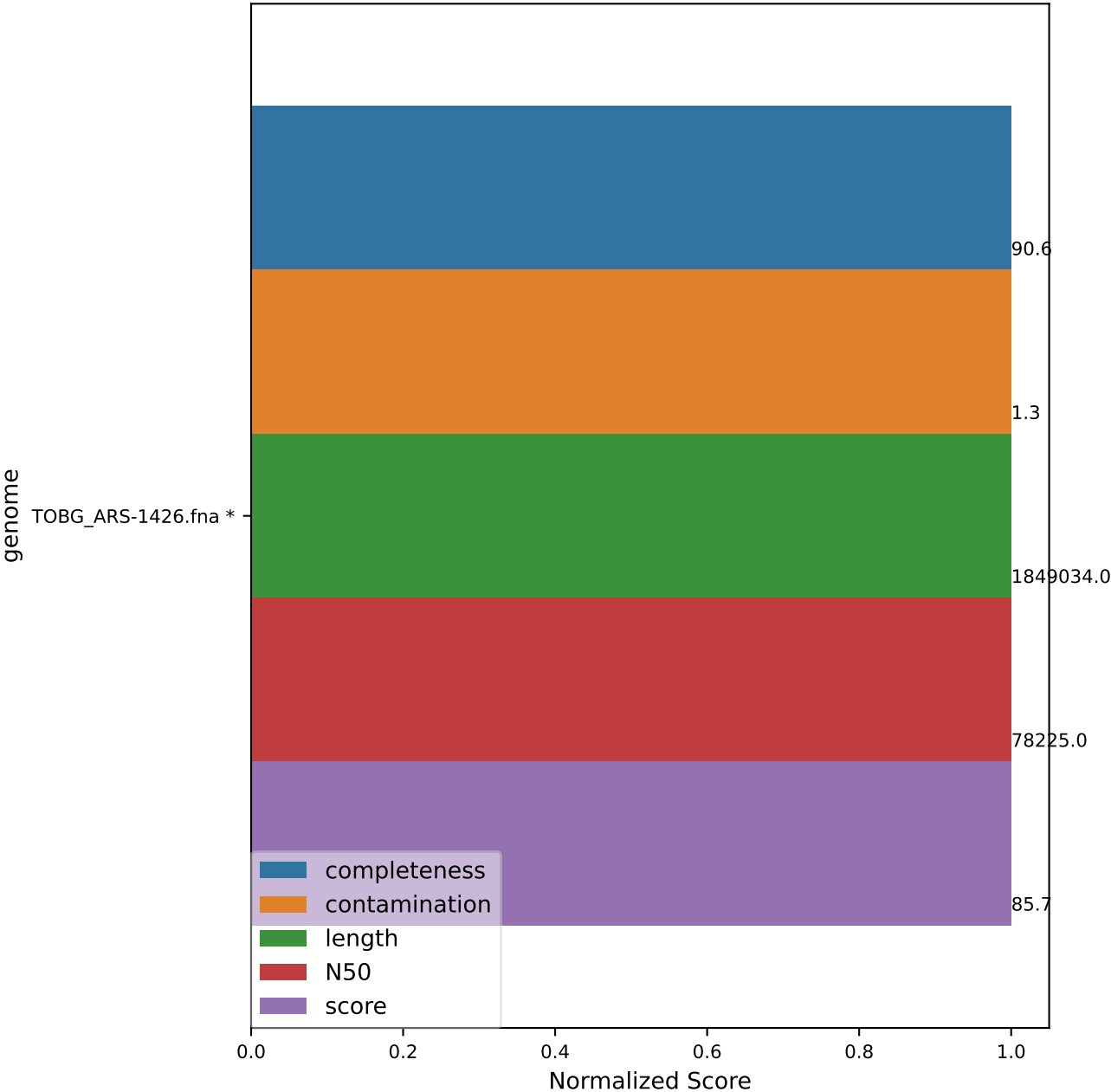
genome

TOBG\_SP-351.fna \*





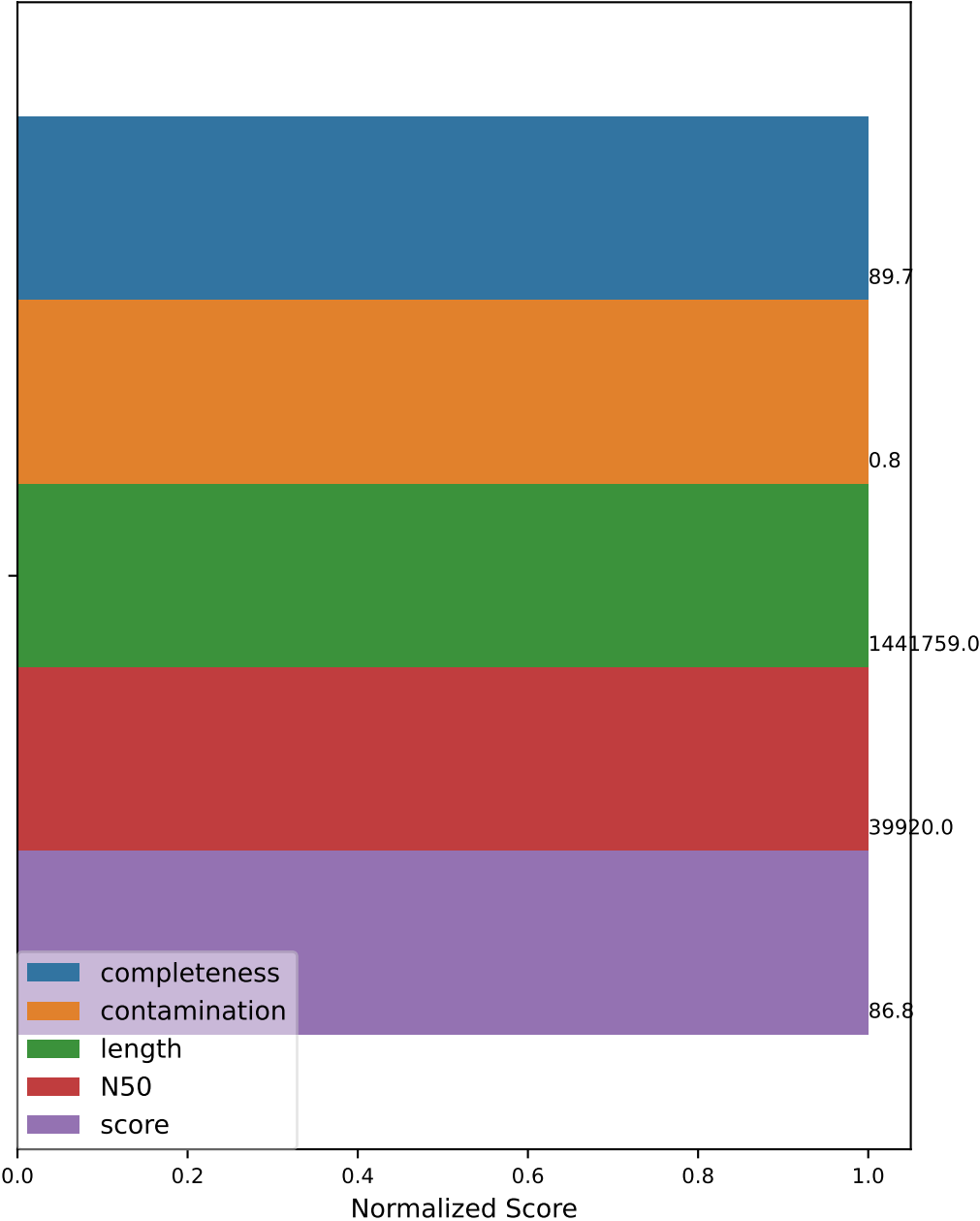
Scoring of cluster 149\_0



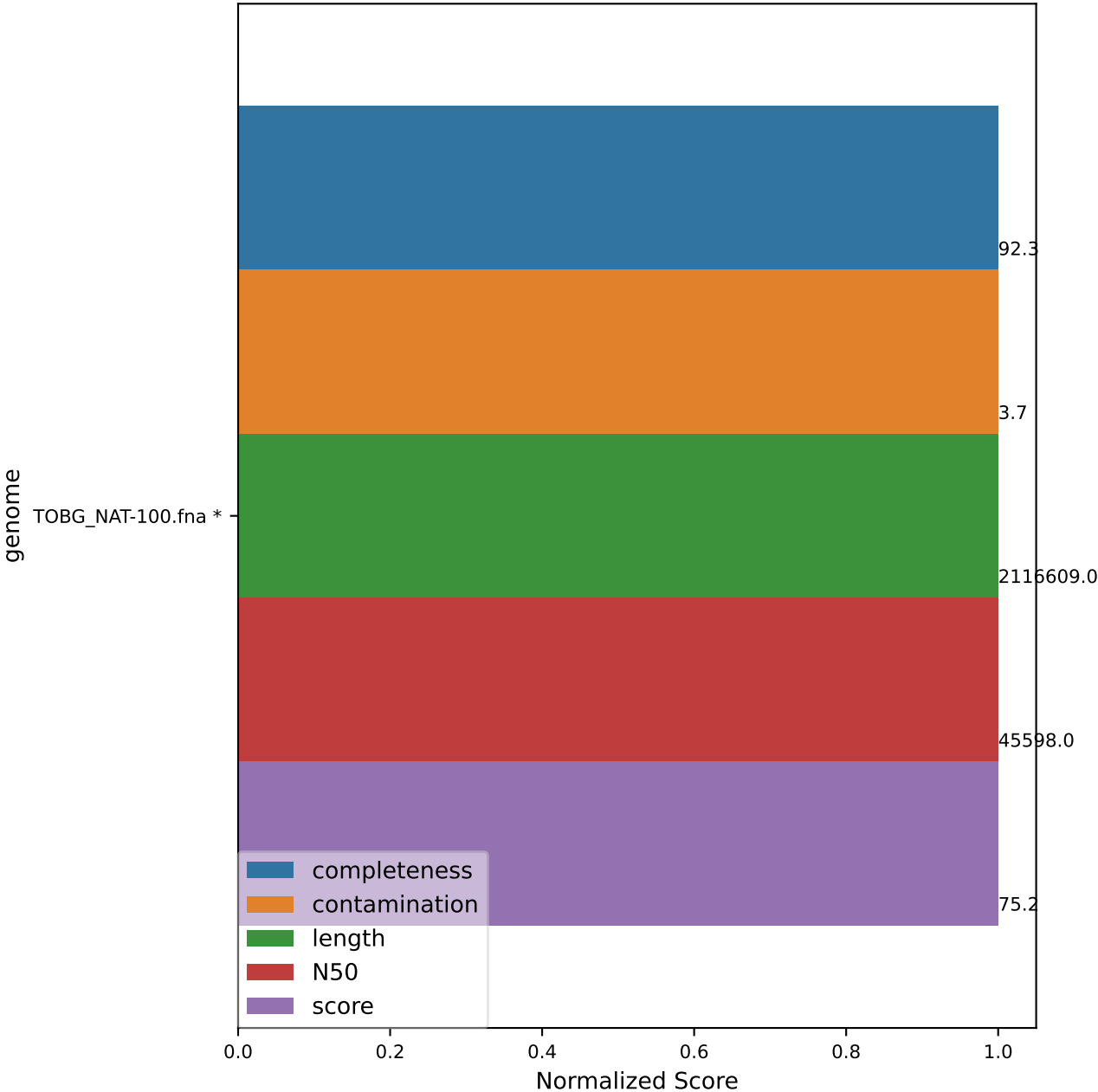
Scoring of cluster 150\_0

genome

TOBG\_NP-80.fna \*



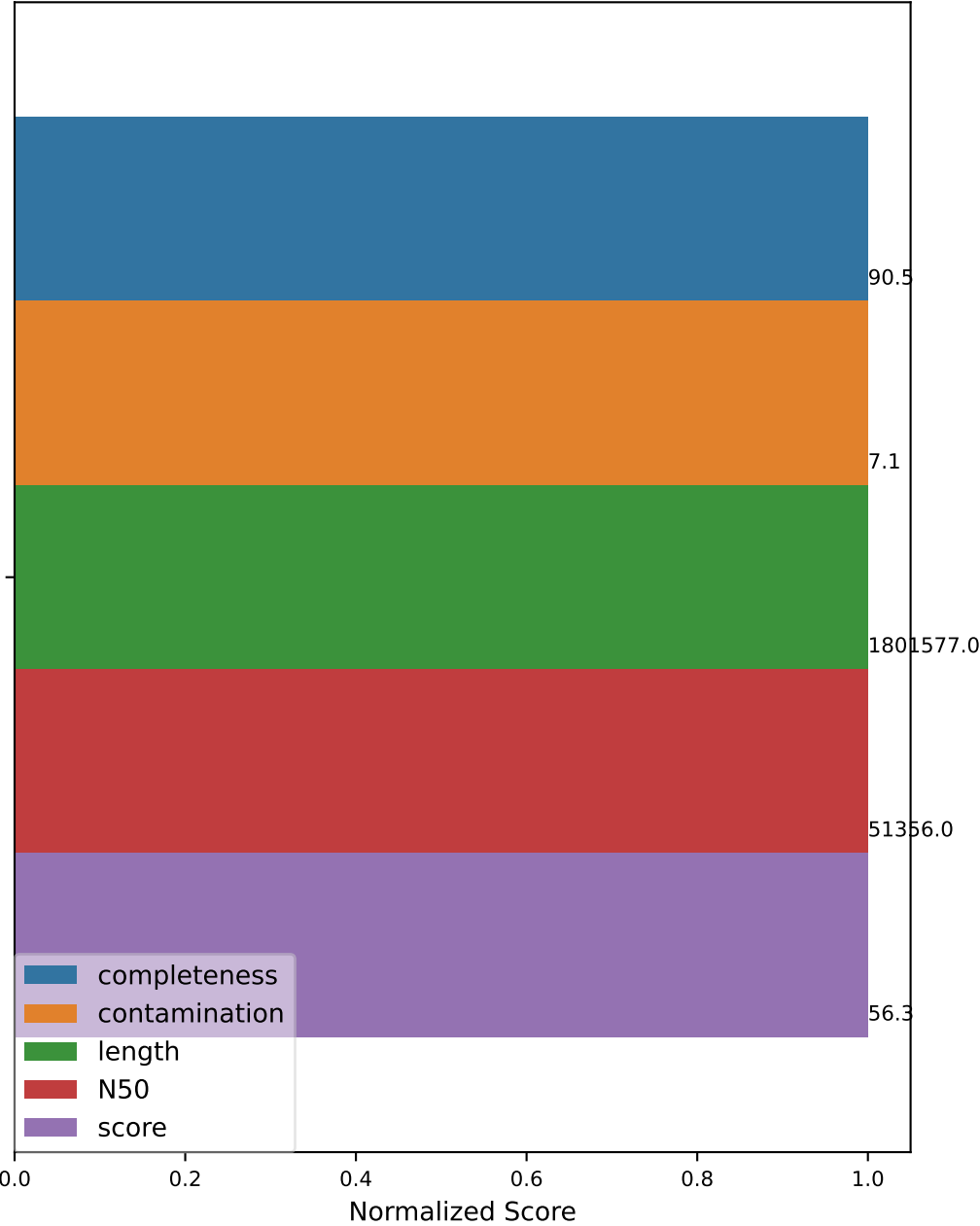
Scoring of cluster 151\_0



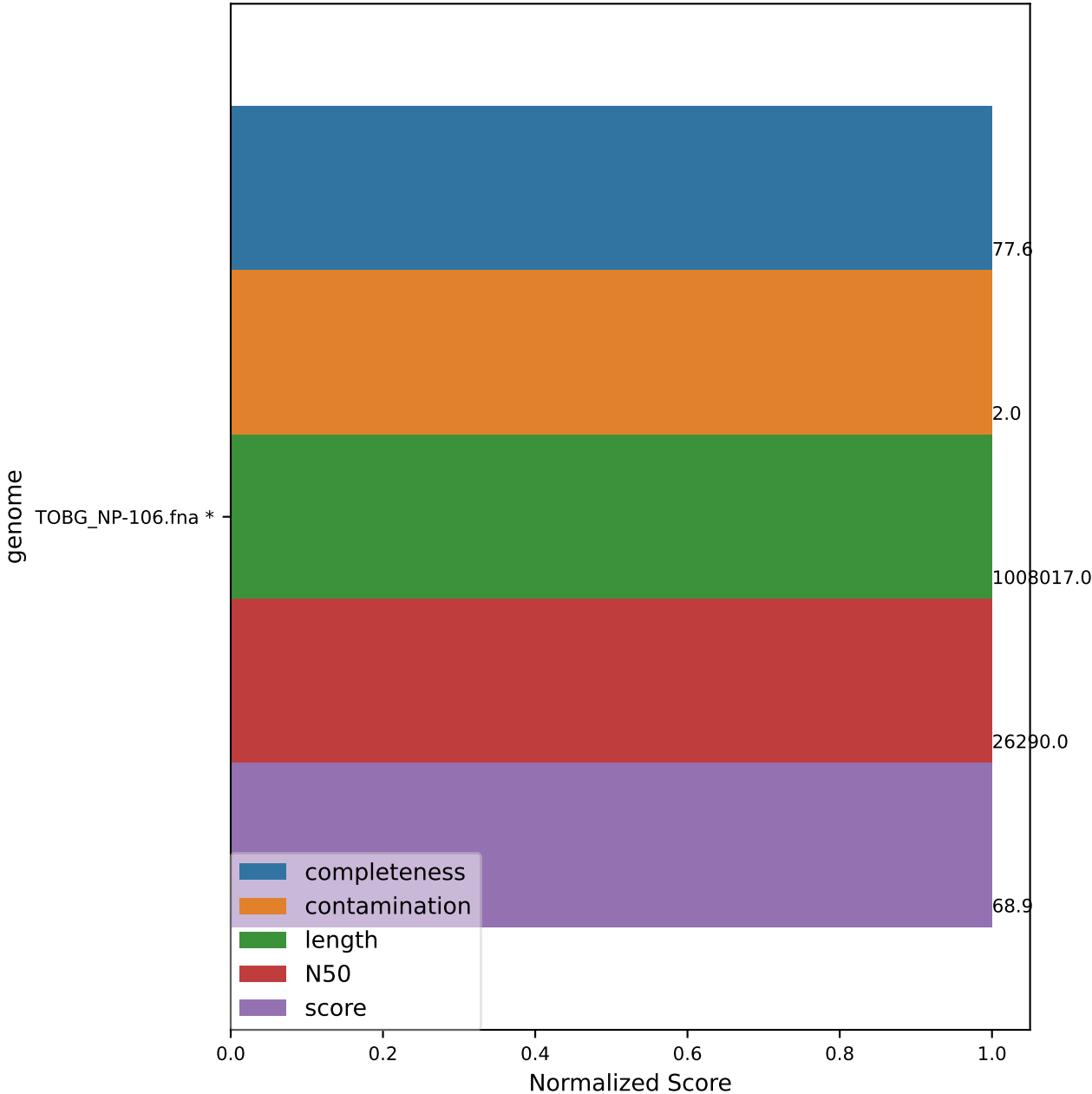
Scoring of cluster 152\_0

genome

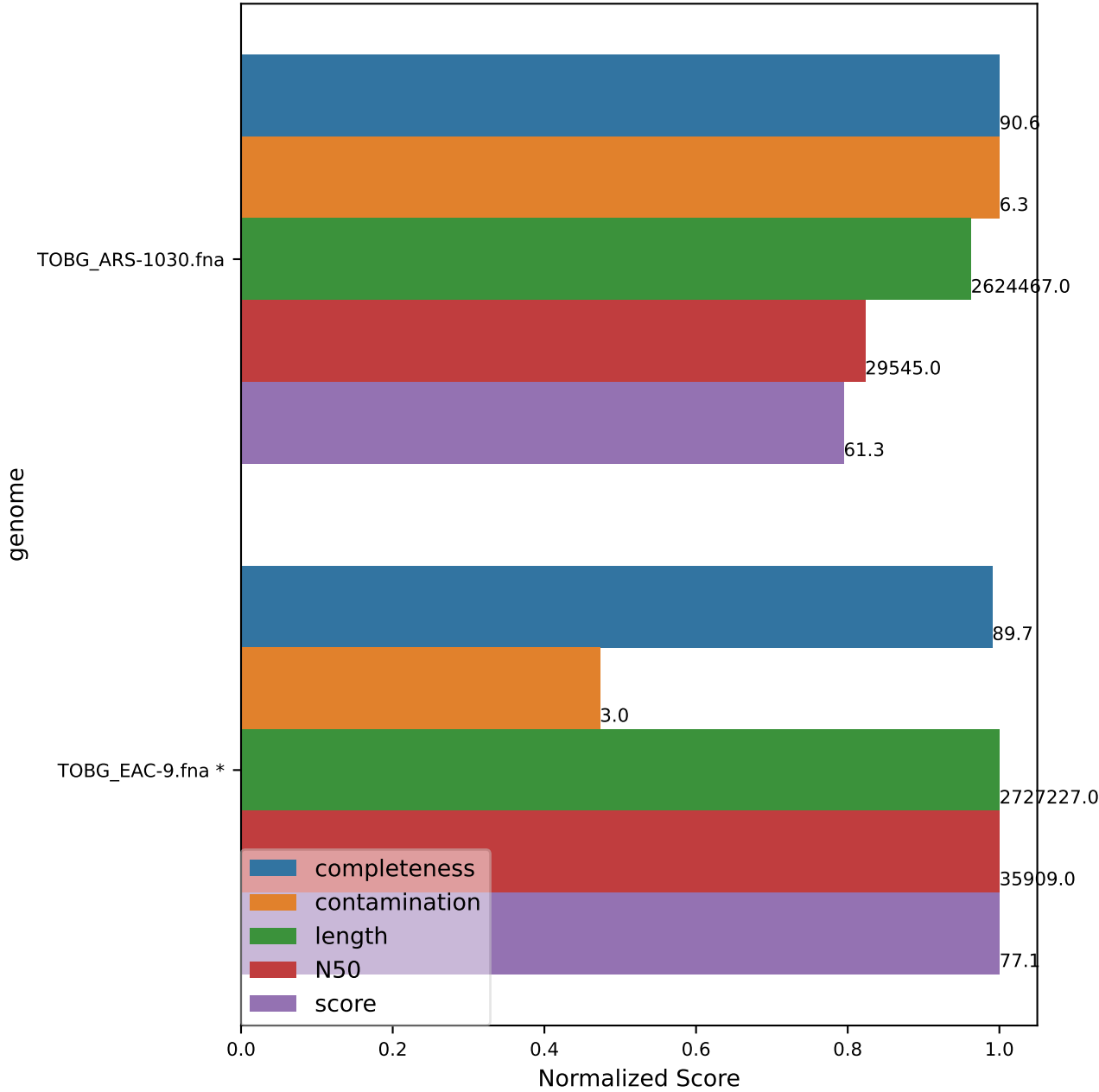
TOBG\_NP-966.fna \*



Scoring of cluster 153\_0



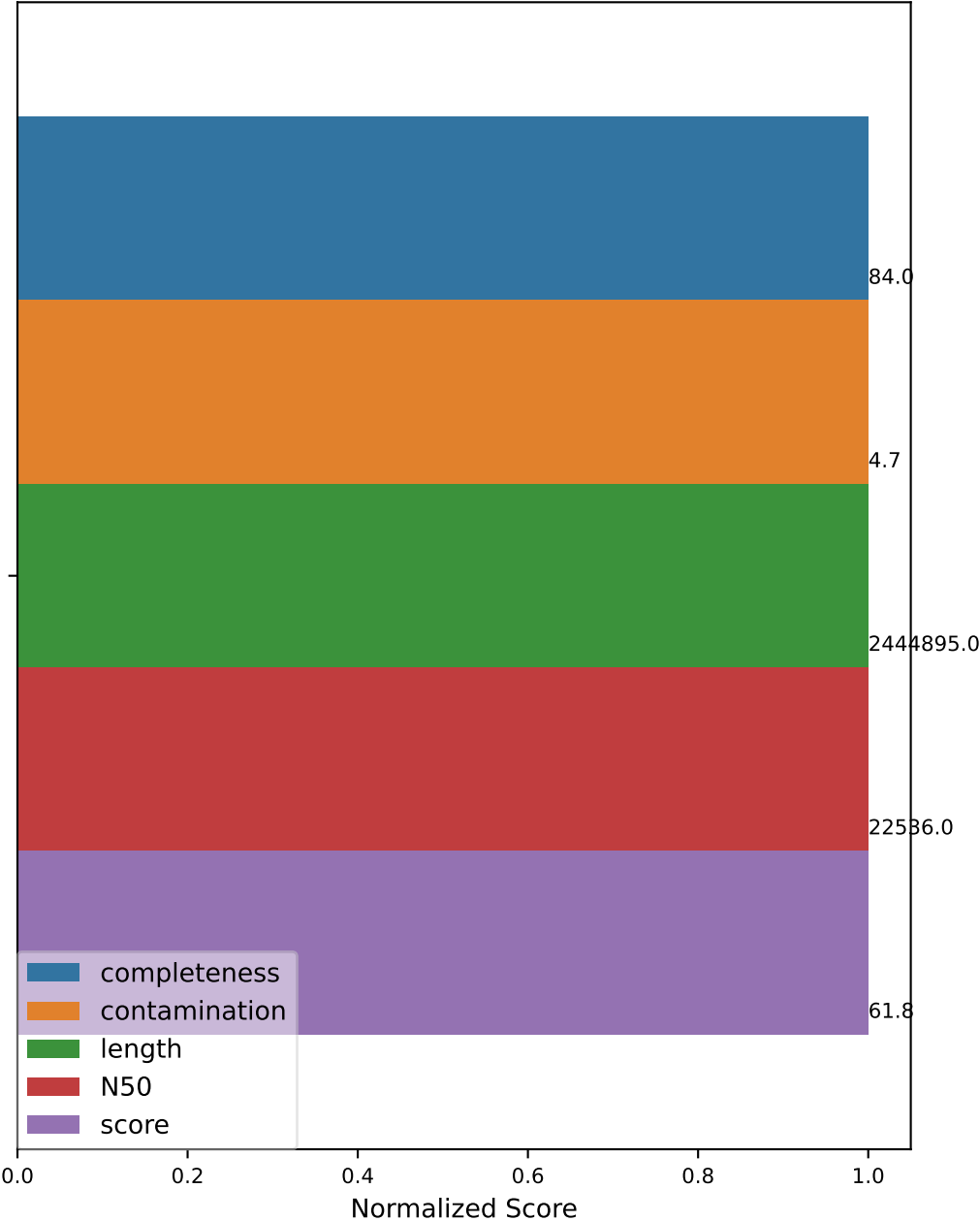
Scoring of cluster 154\_1



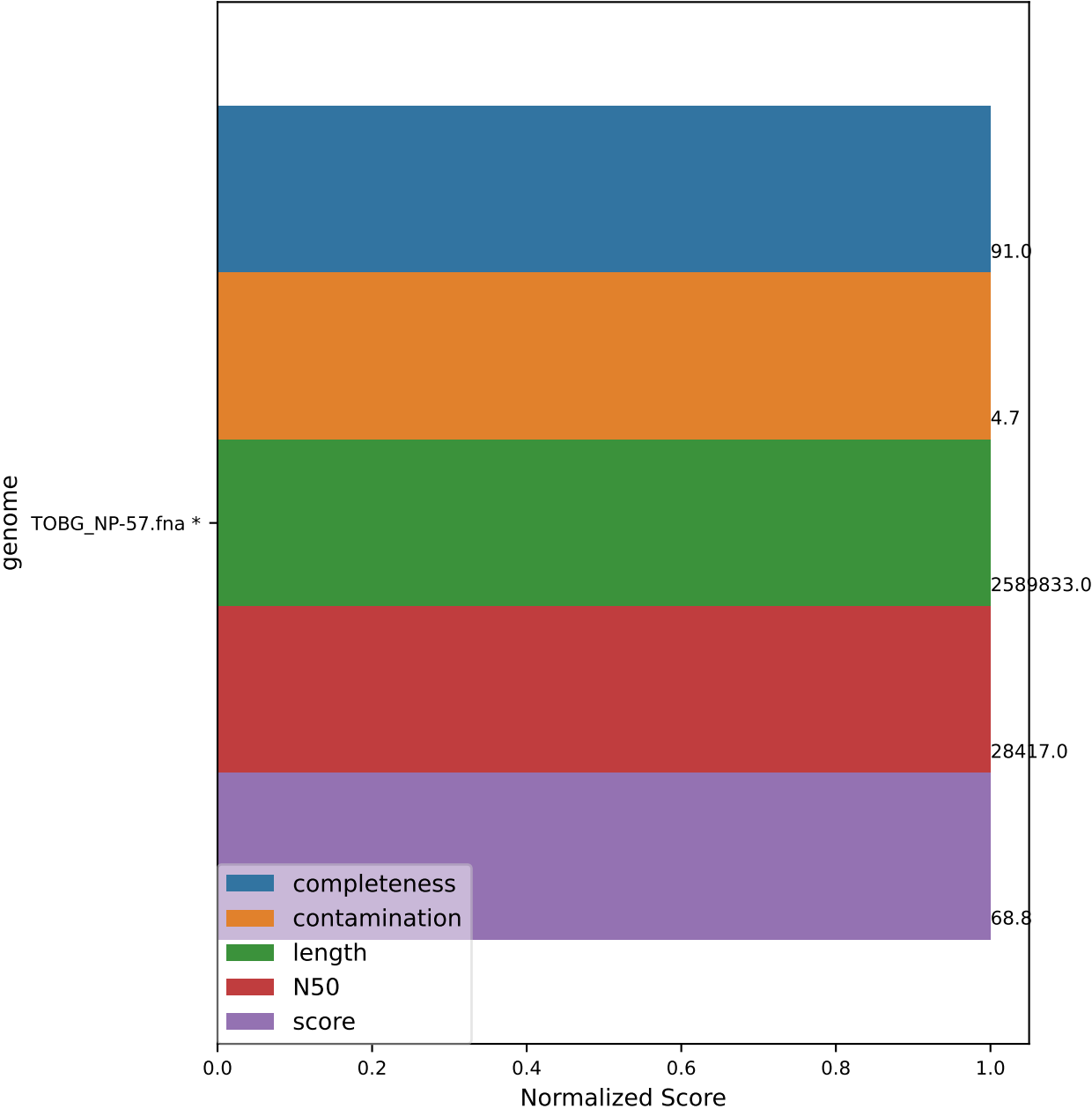
Scoring of cluster 154\_2

genome

TOBG\_NAT-108.fna \*



Scoring of cluster 154\_3

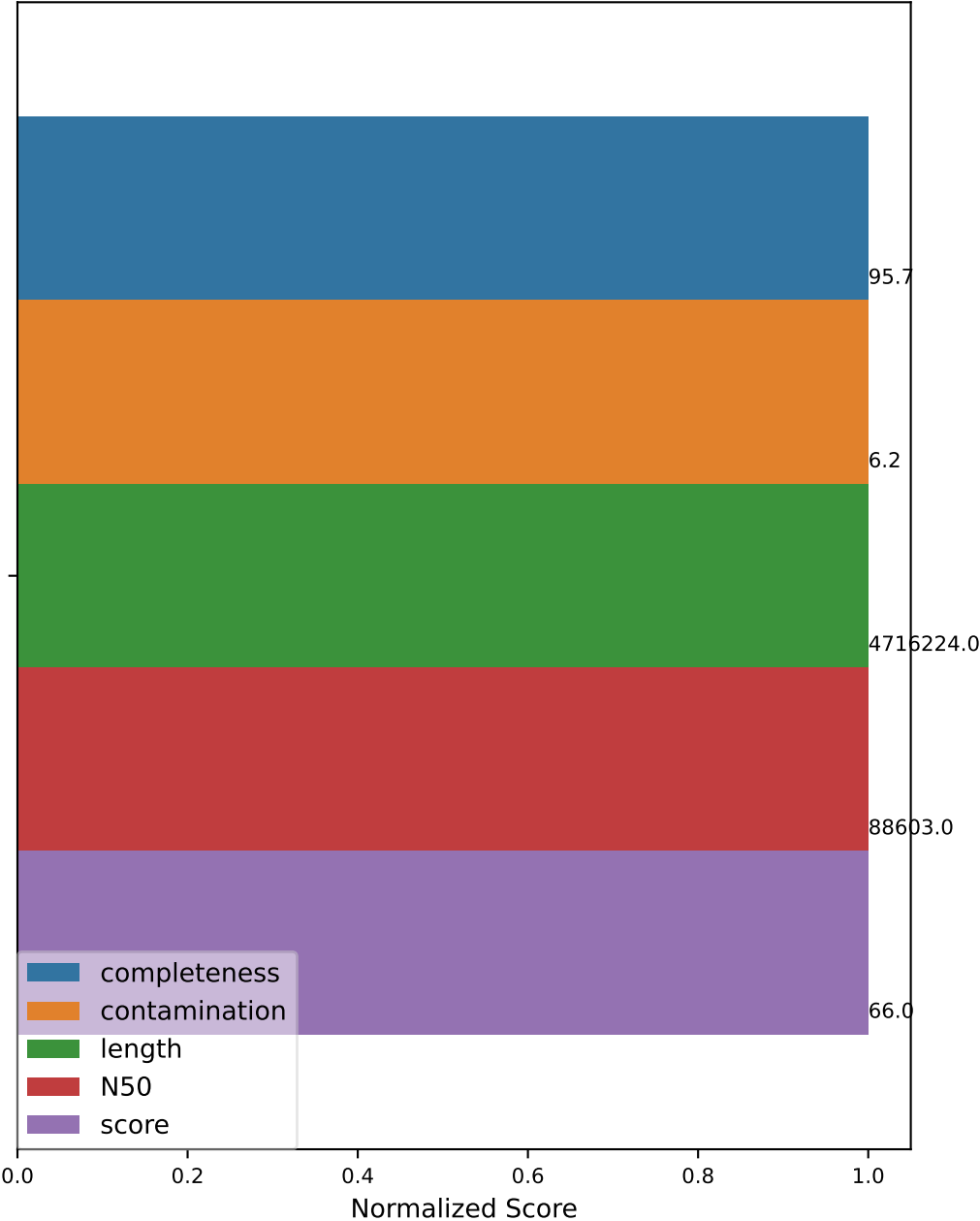




Scoring of cluster 155\_1

genome

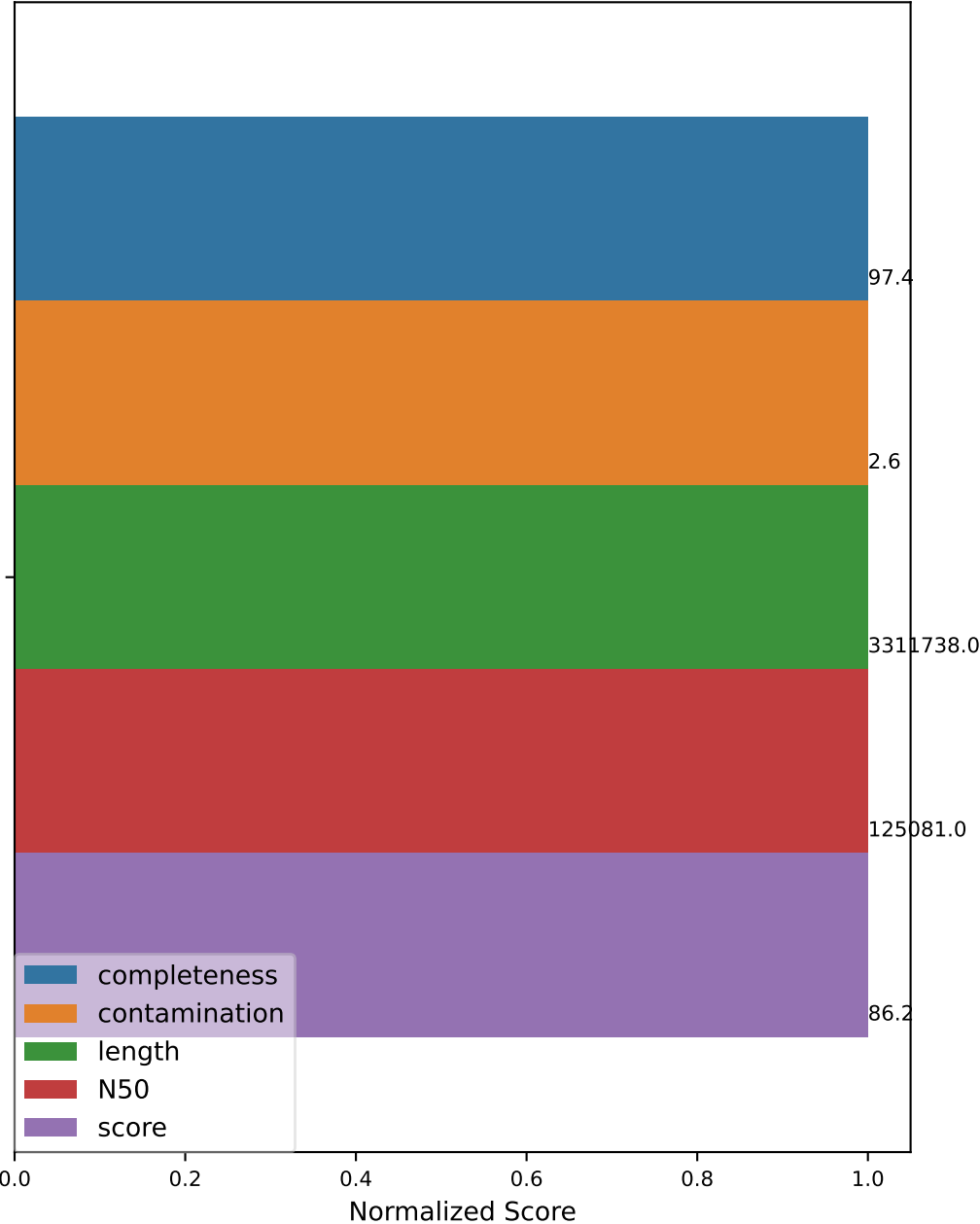
TOBG\_ARS-17.fna \*



Scoring of cluster 155\_2

genome

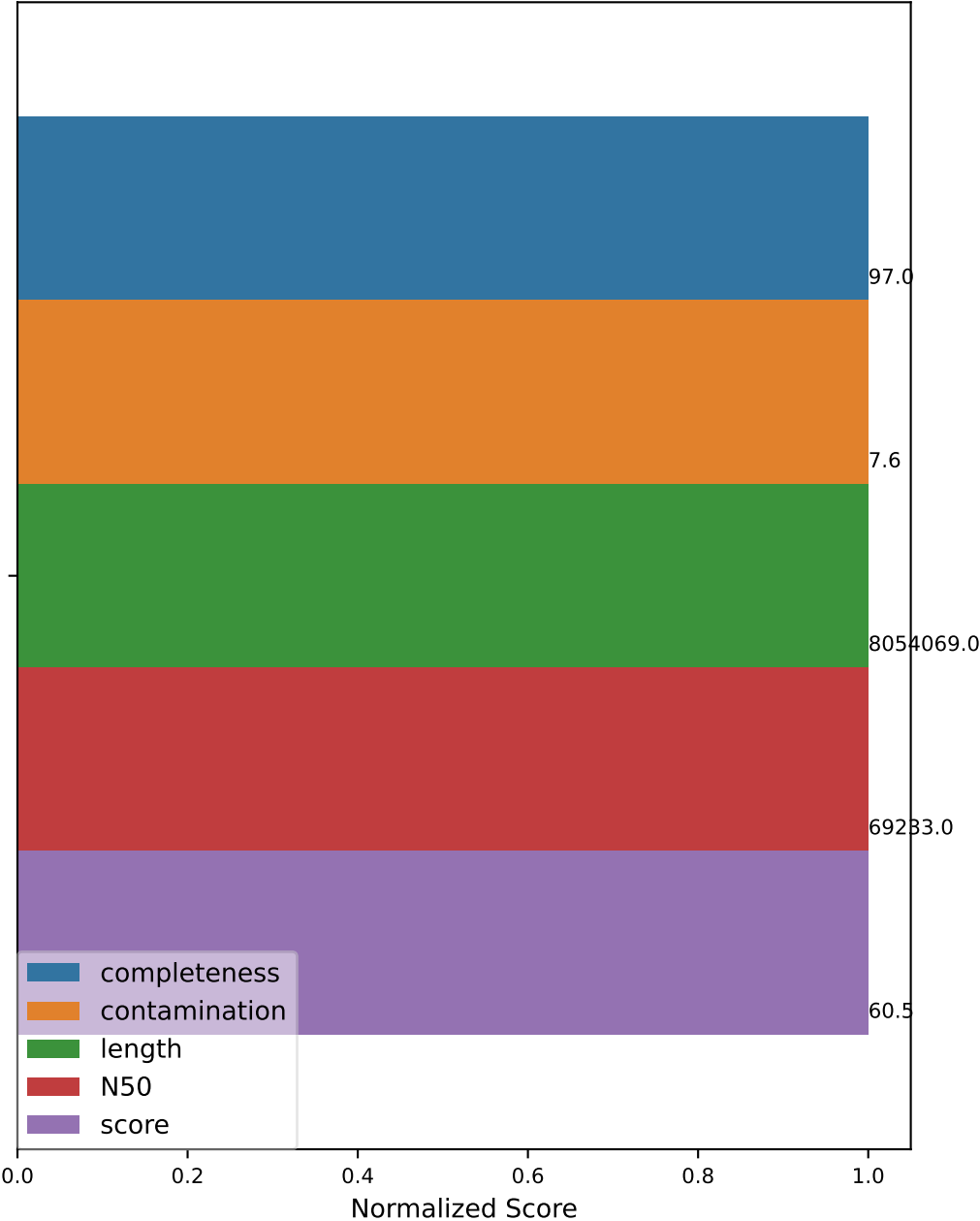
TOBG\_NP-133.fna \*



Scoring of cluster 156\_0

genome

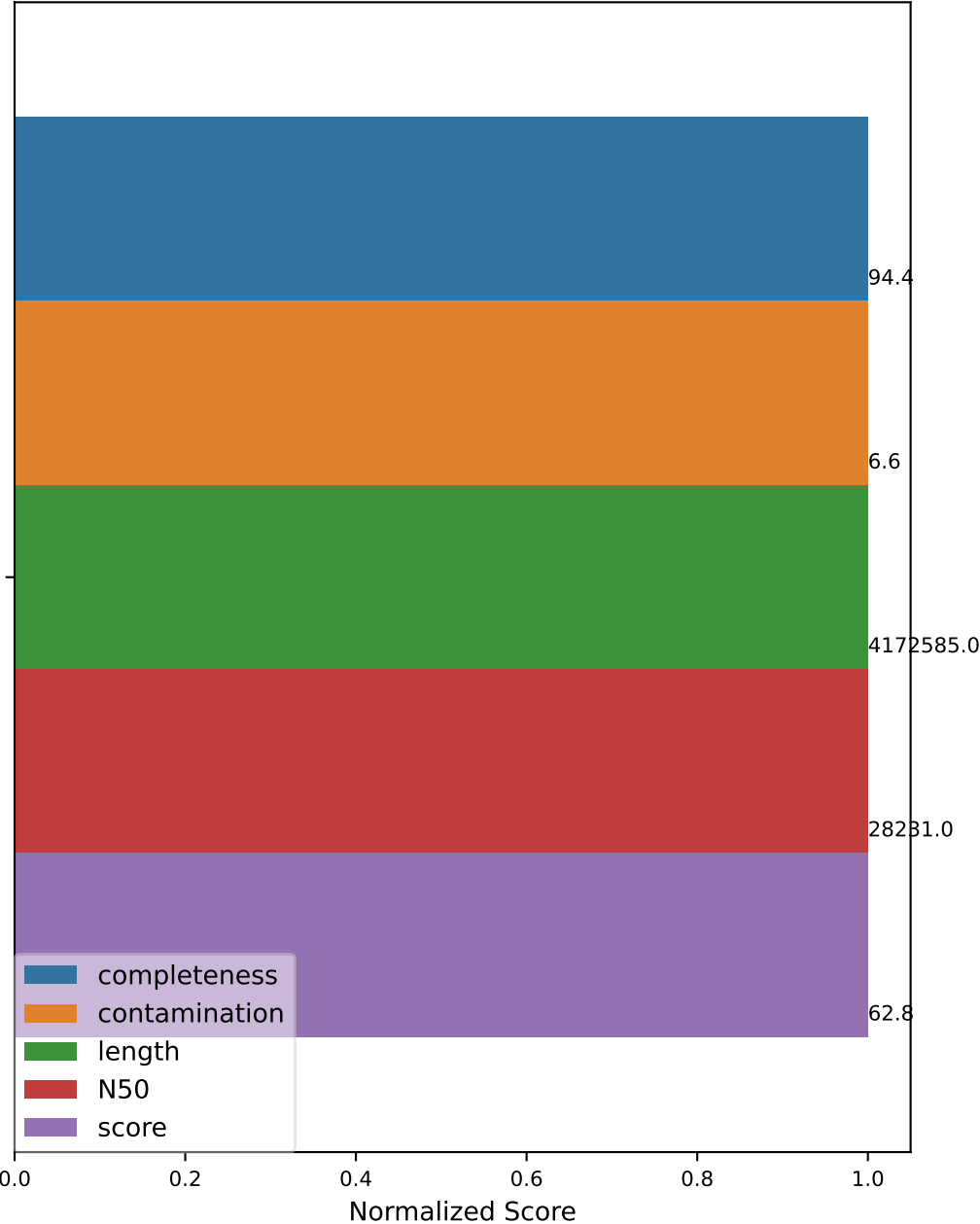
TOBG\_NAT-123.fna \*



Scoring of cluster 157\_0

genome

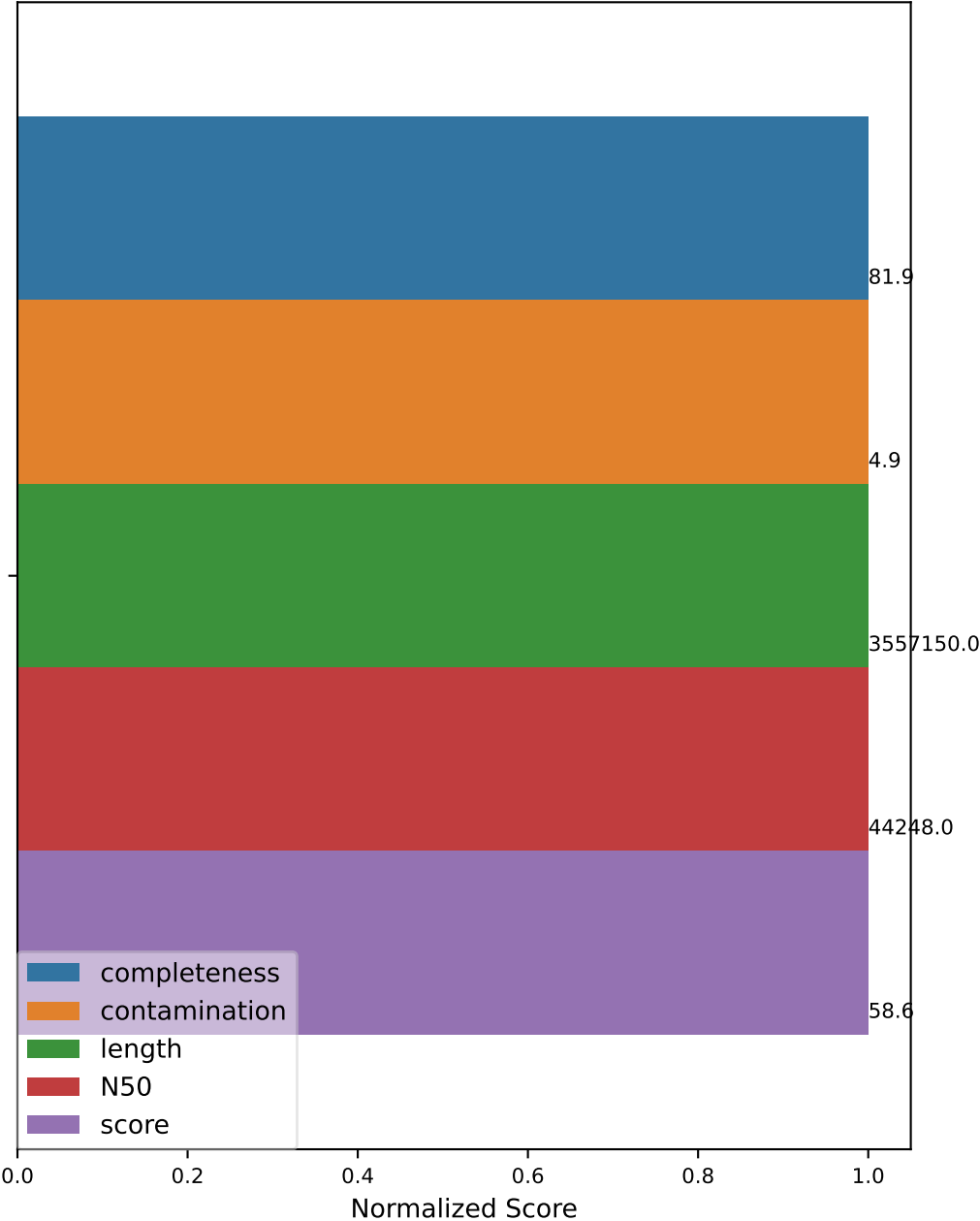
TOBG\_RS-456.fna \*



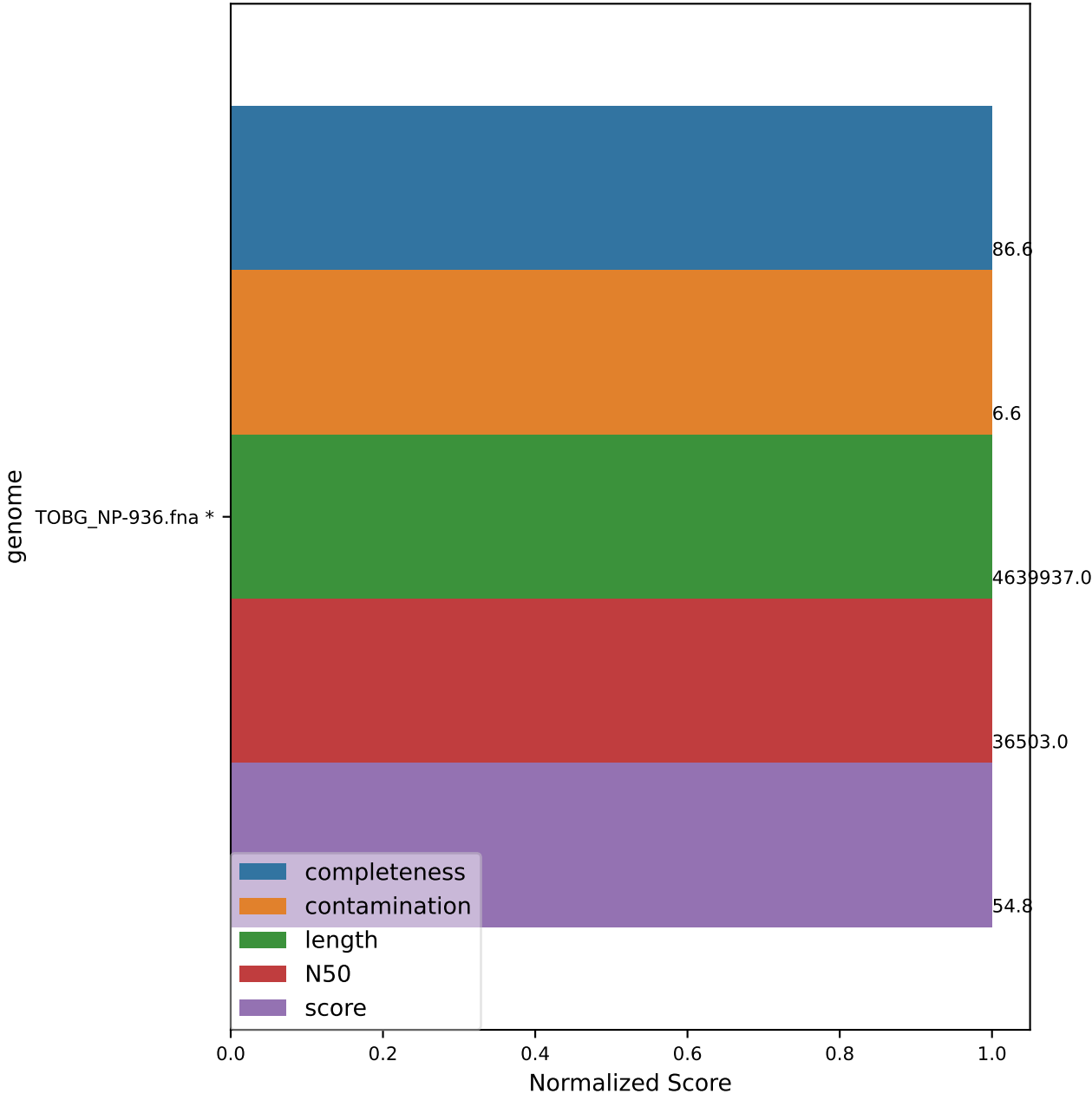
Scoring of cluster 158\_0

genome

TOBG\_SP-203.fna \*



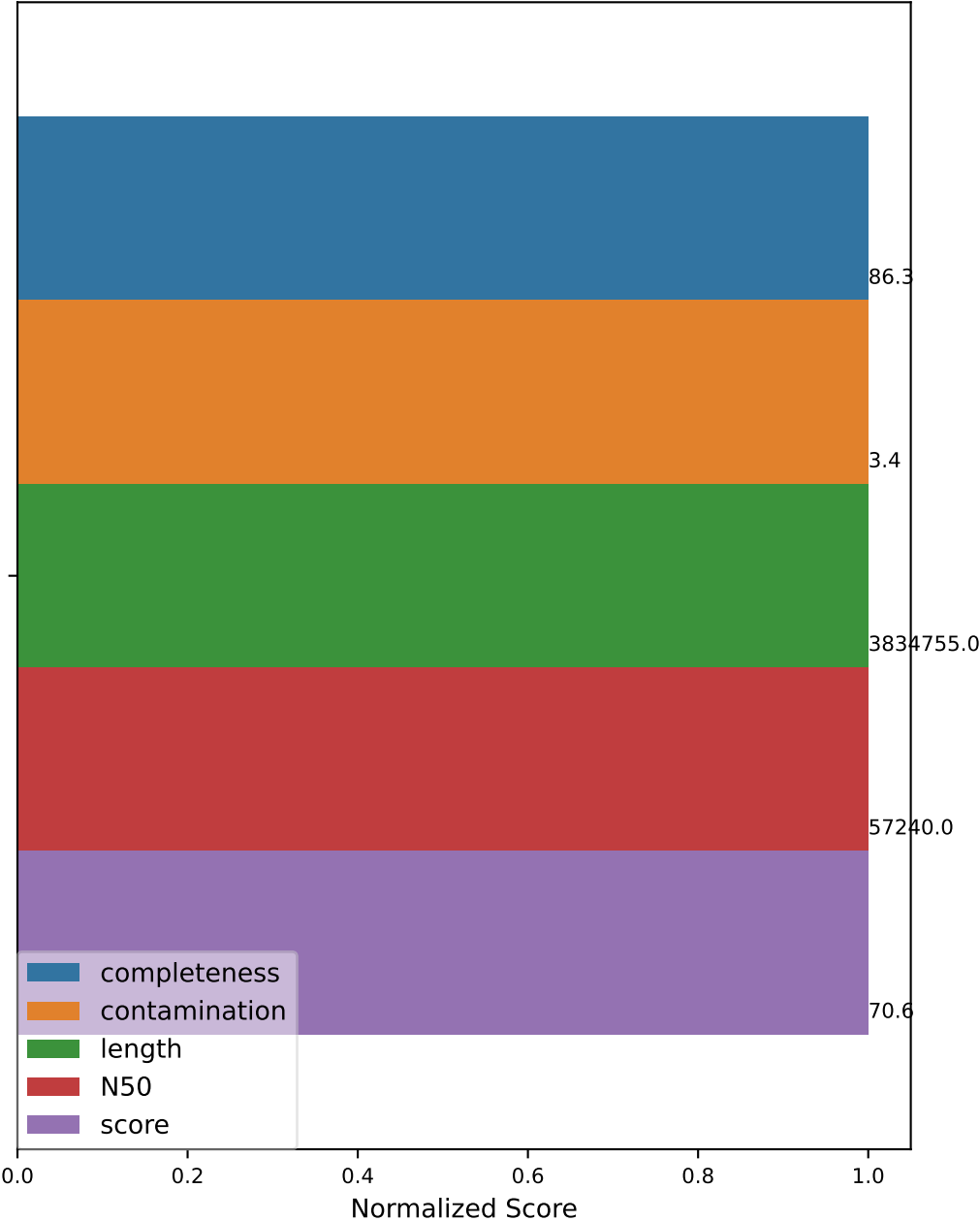
Scoring of cluster 159\_0



Scoring of cluster 160\_0

genome

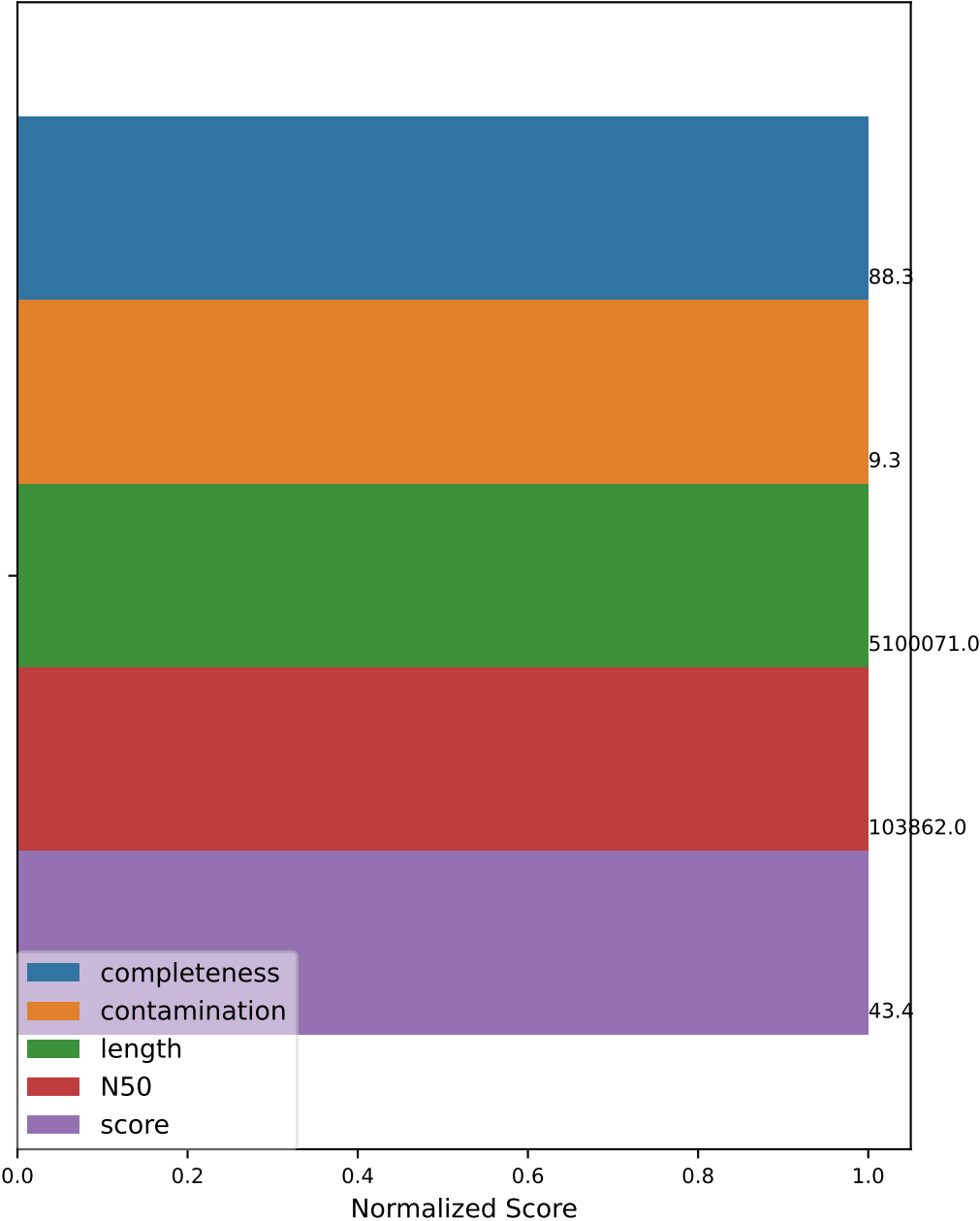
TOBG\_SAT-150.fna \*



Scoring of cluster 161\_0

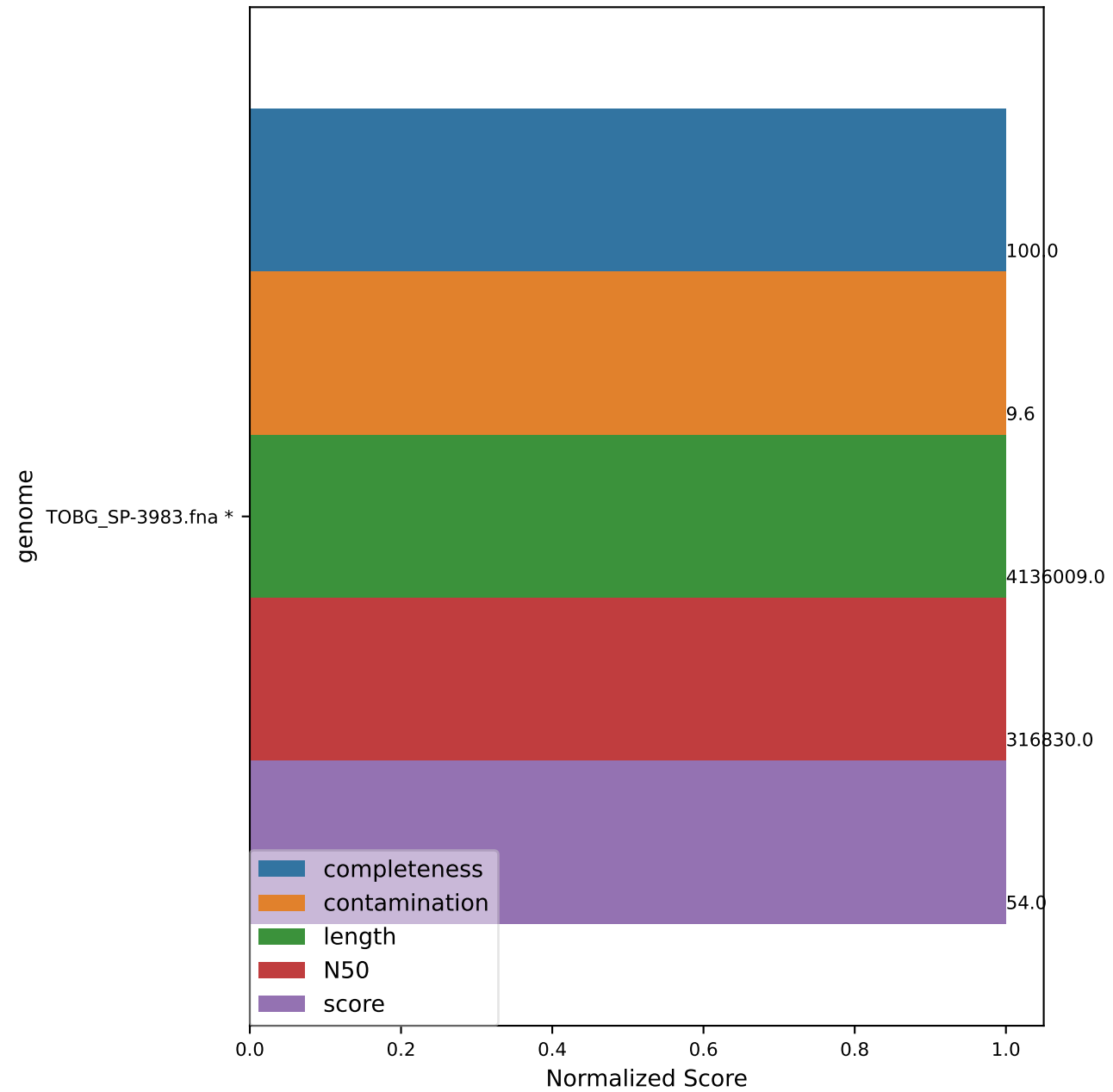
genome

TOBG\_RS-615.fna \*





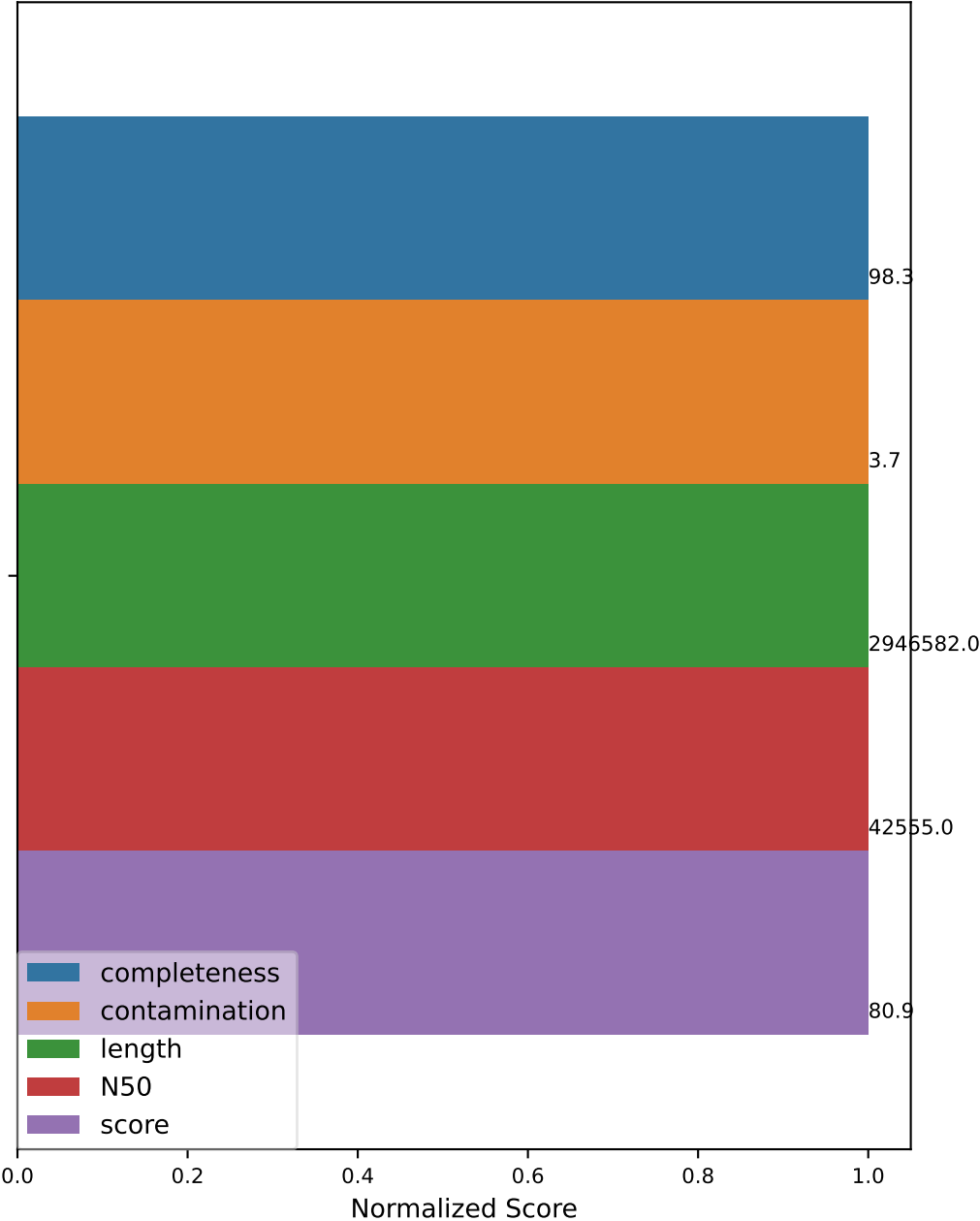
Scoring of cluster 162\_0



Scoring of cluster 163\_0

genome

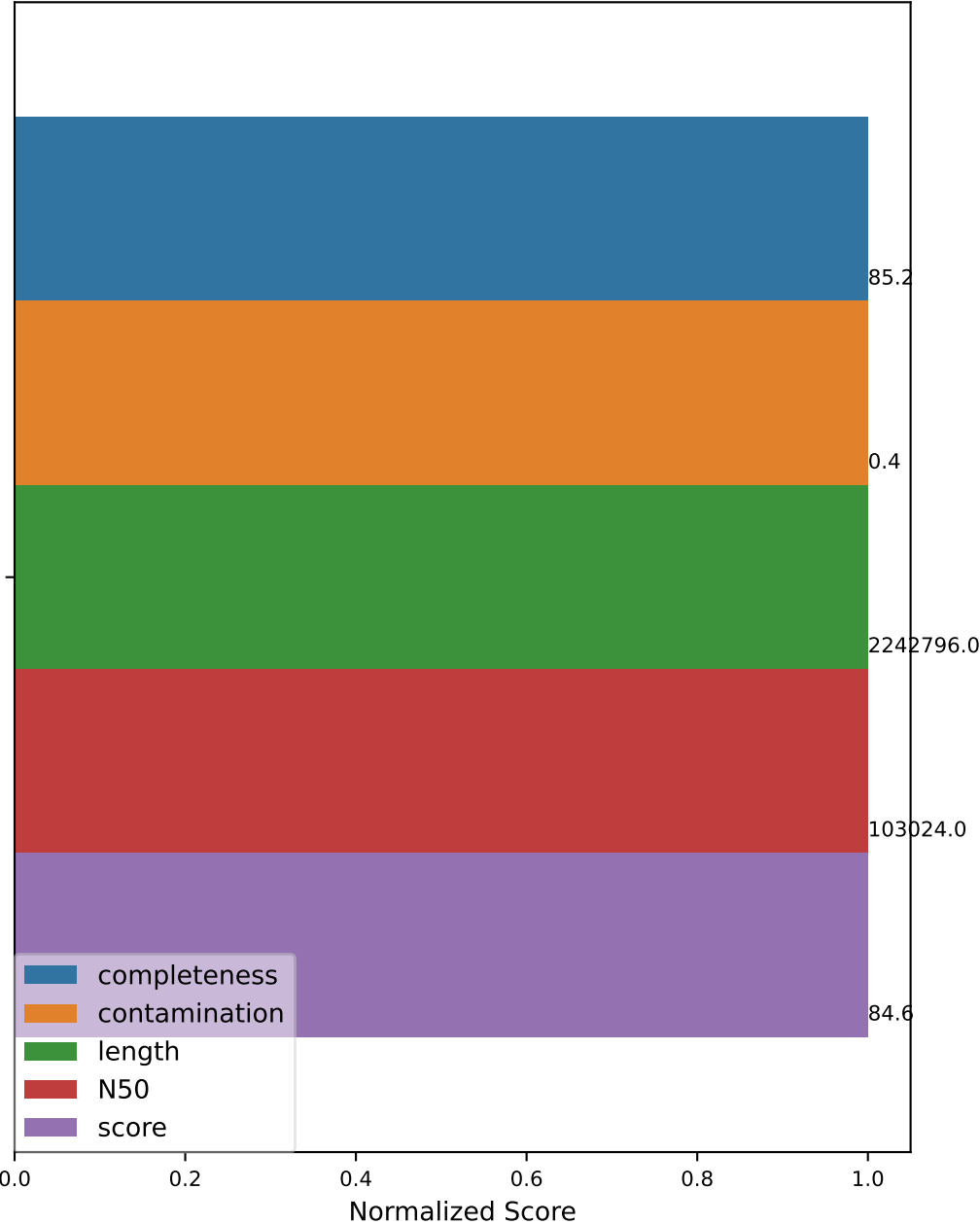
TOBG\_RS-361.fna \*



Scoring of cluster 164\_0

genome

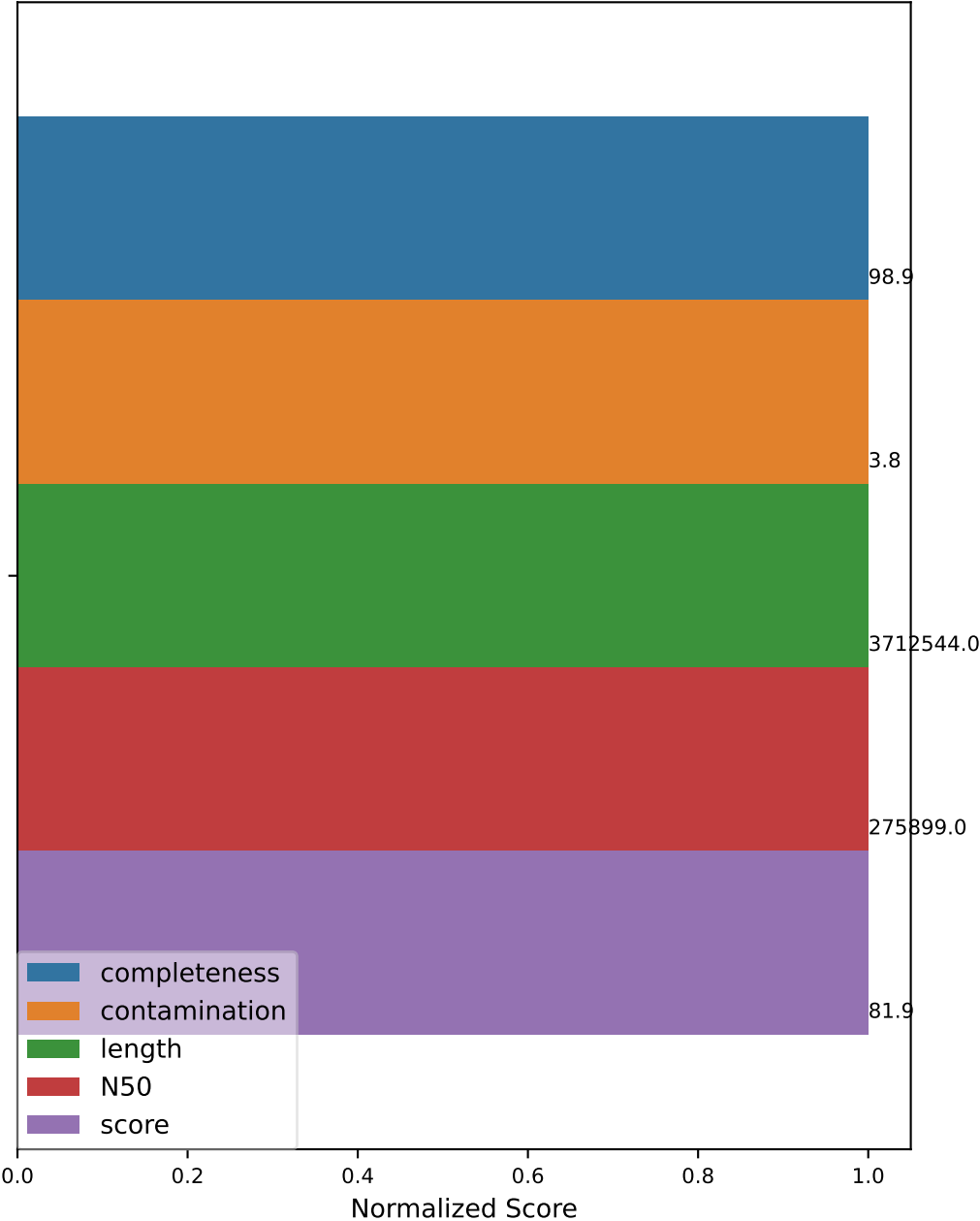
TOBG\_RS-797.fna \*



Scoring of cluster 165\_0

genome

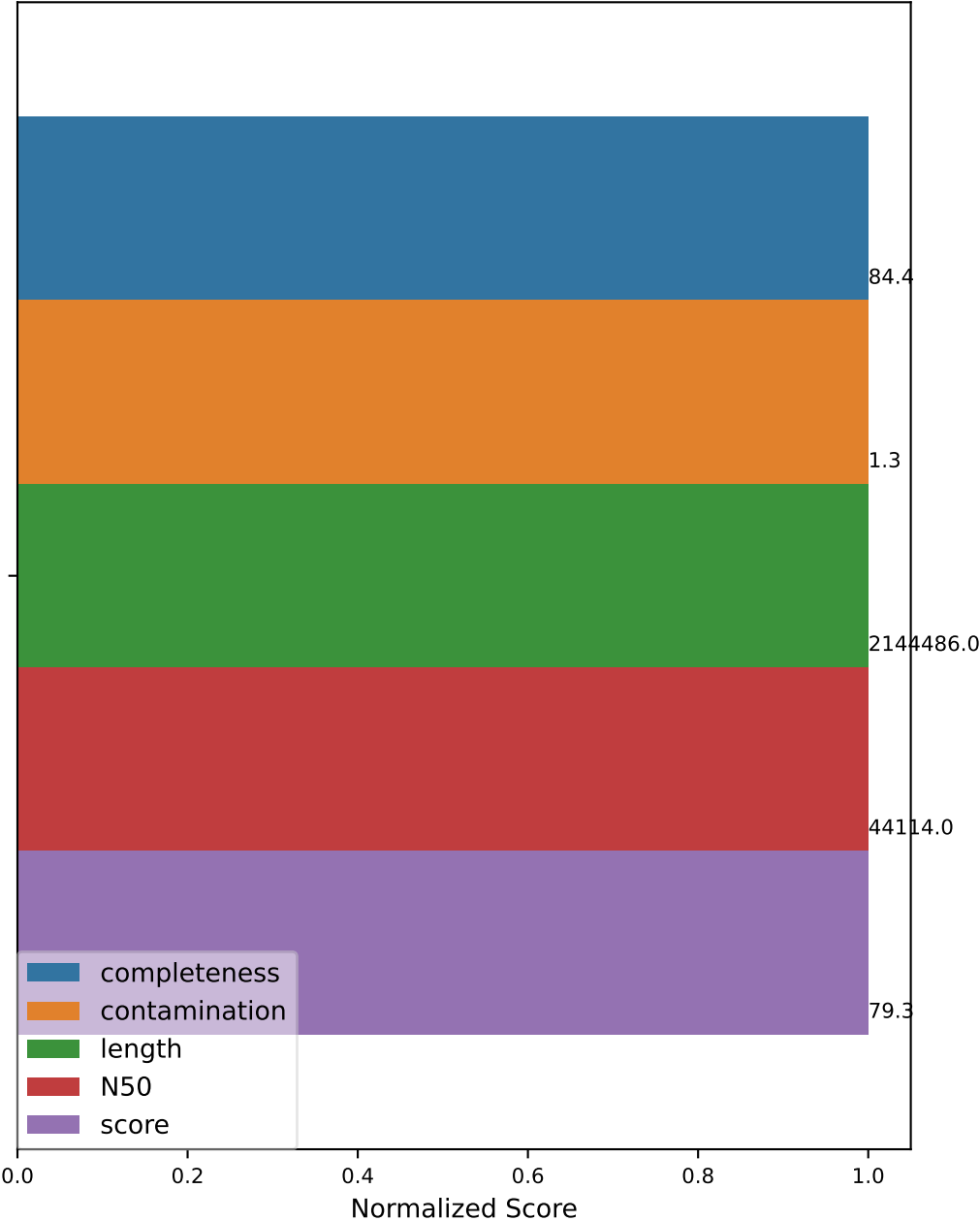
TOBG\_SP-197.fna \*



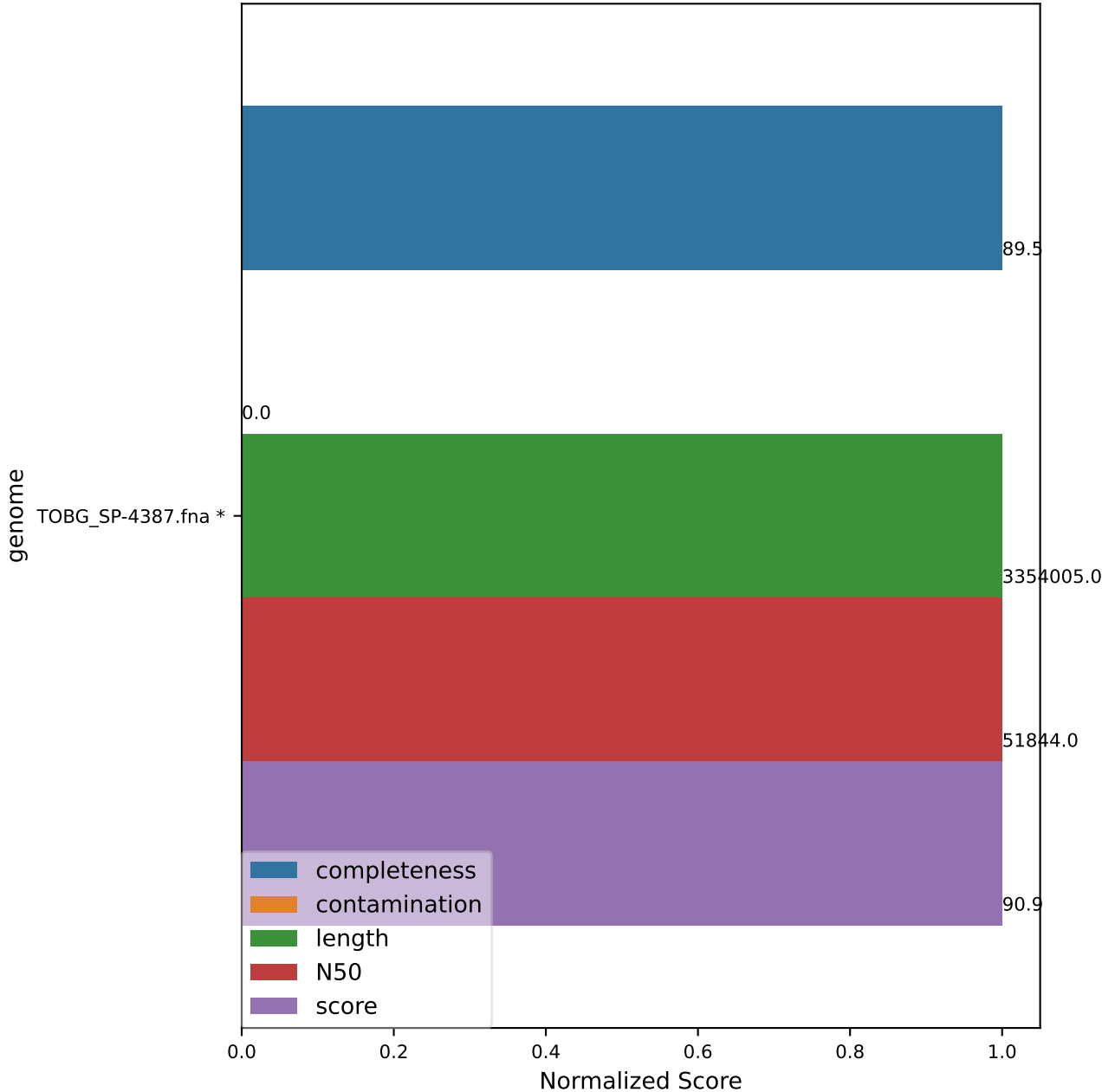
Scoring of cluster 166\_0

genome

TOBG\_SP-218.fna \*



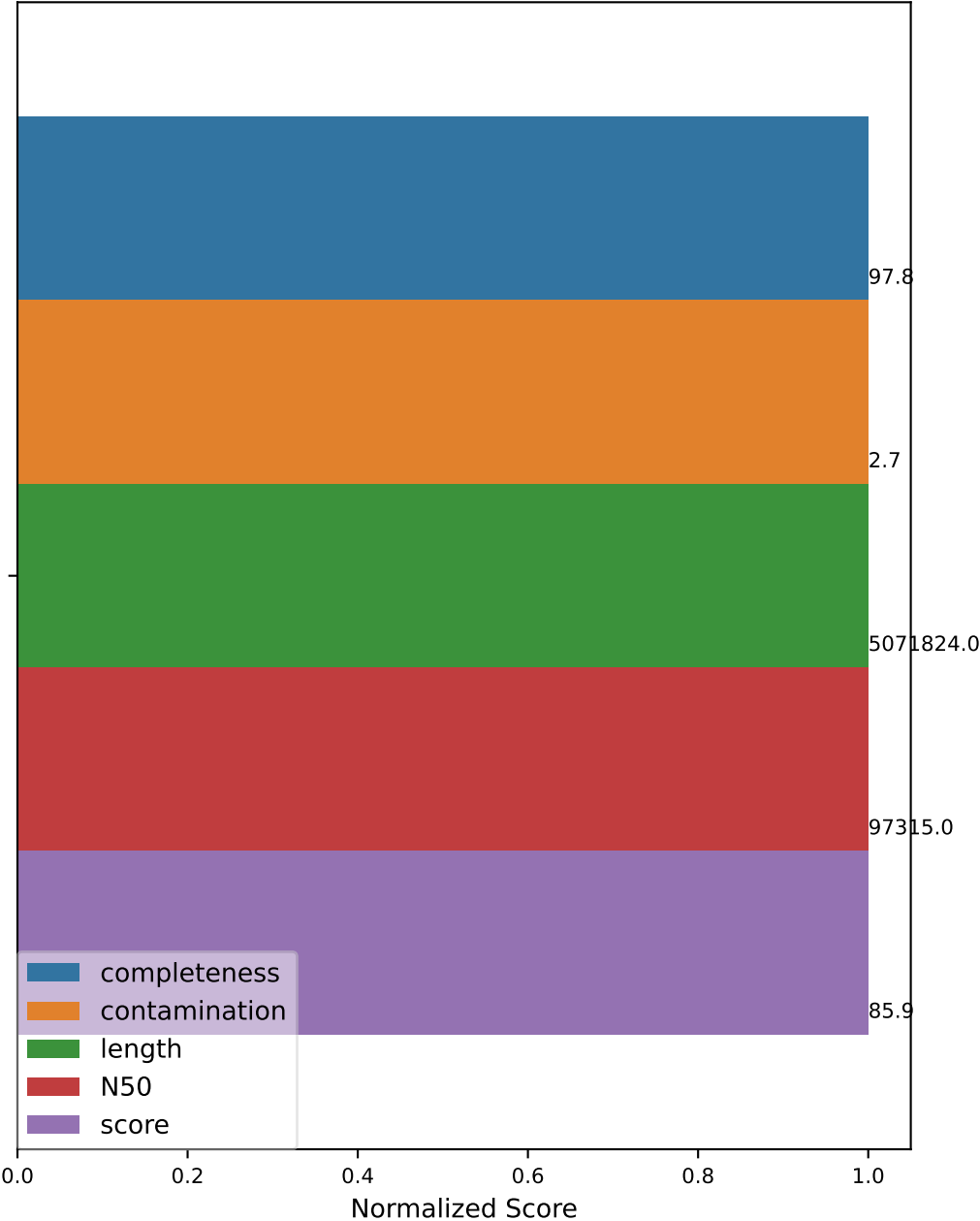
Scoring of cluster 167\_0



Scoring of cluster 168\_0

genome

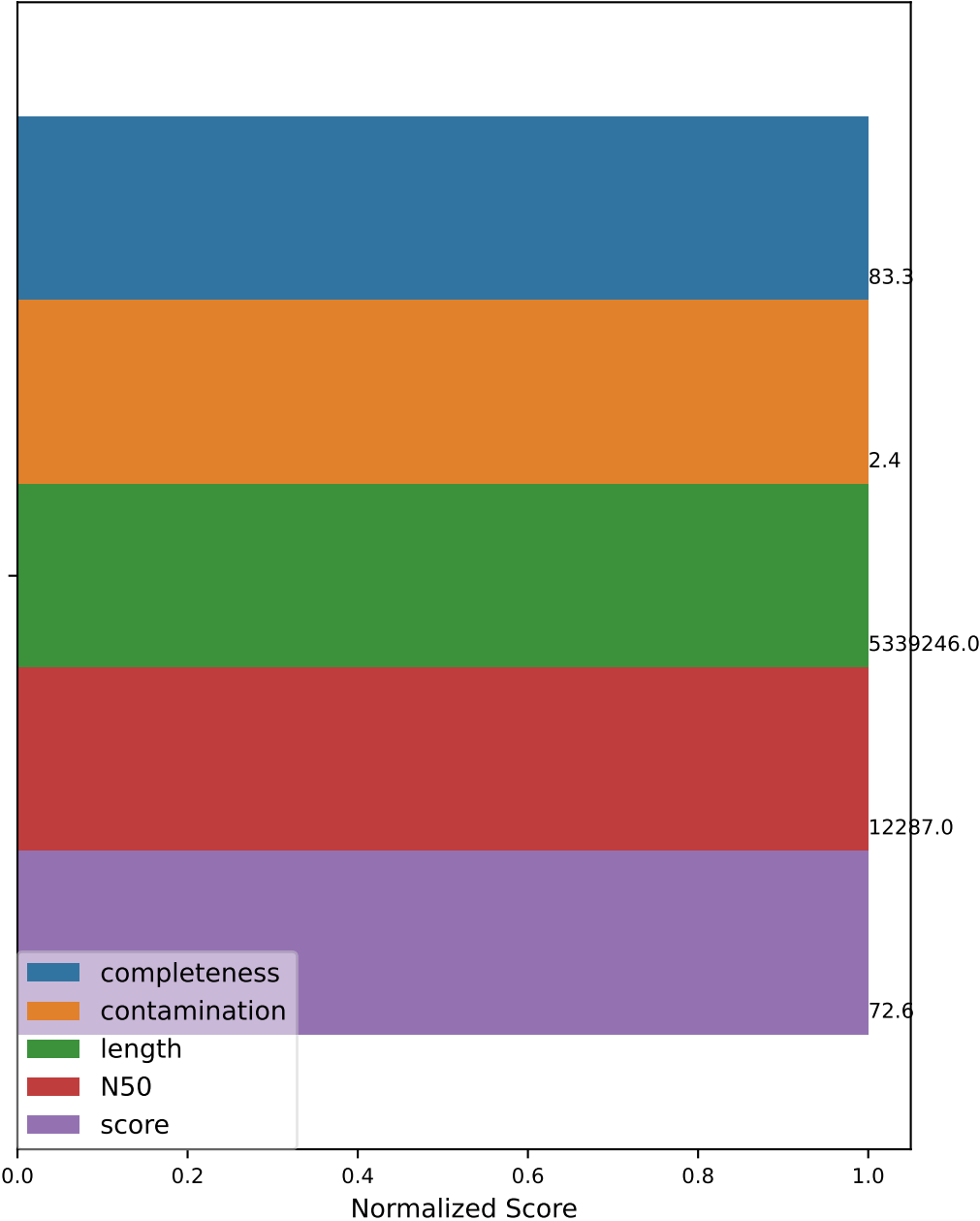
TOBG\_ARS-15.fna \*



Scoring of cluster 169\_0

genome

TOBG\_ARS-61.fna \*

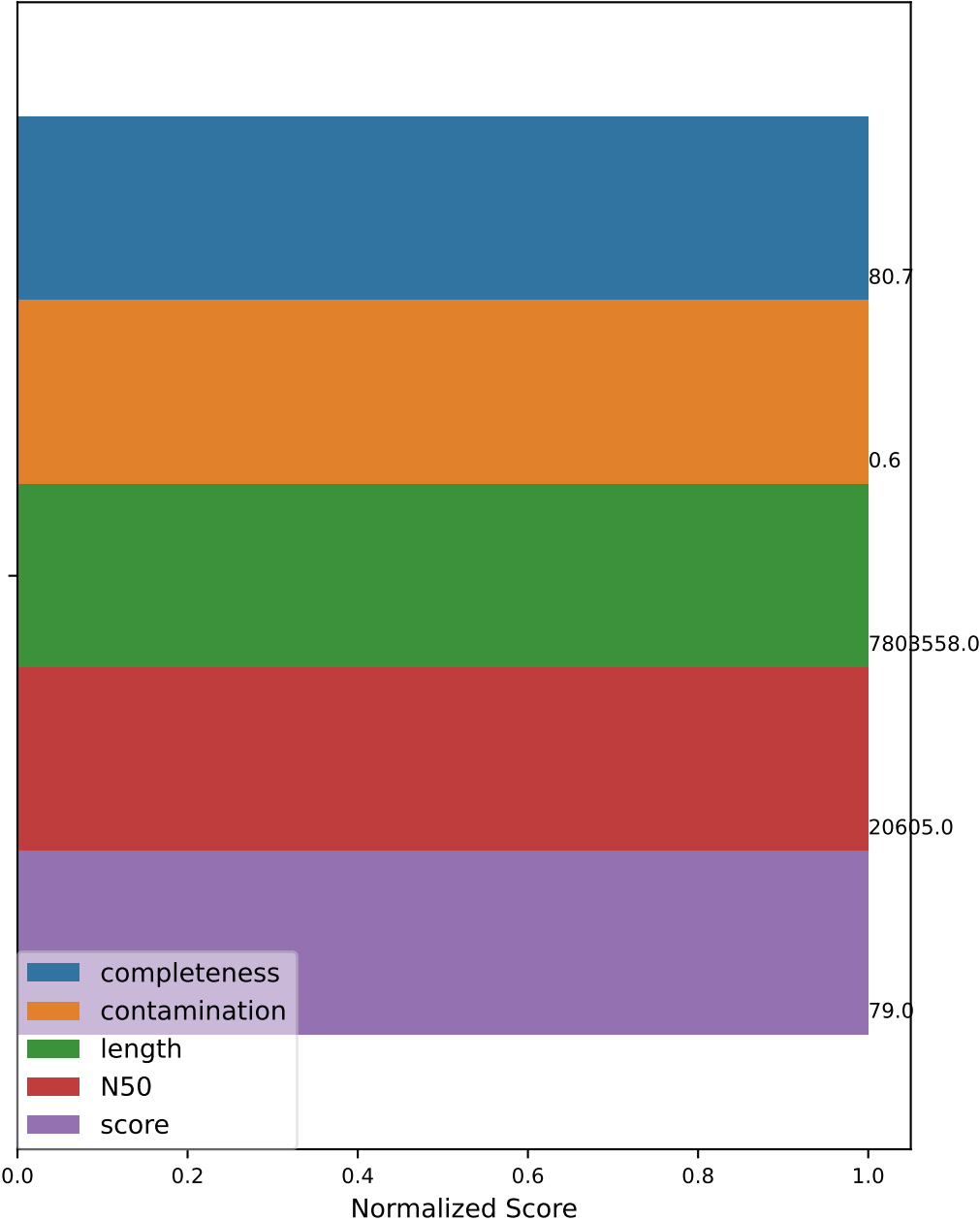


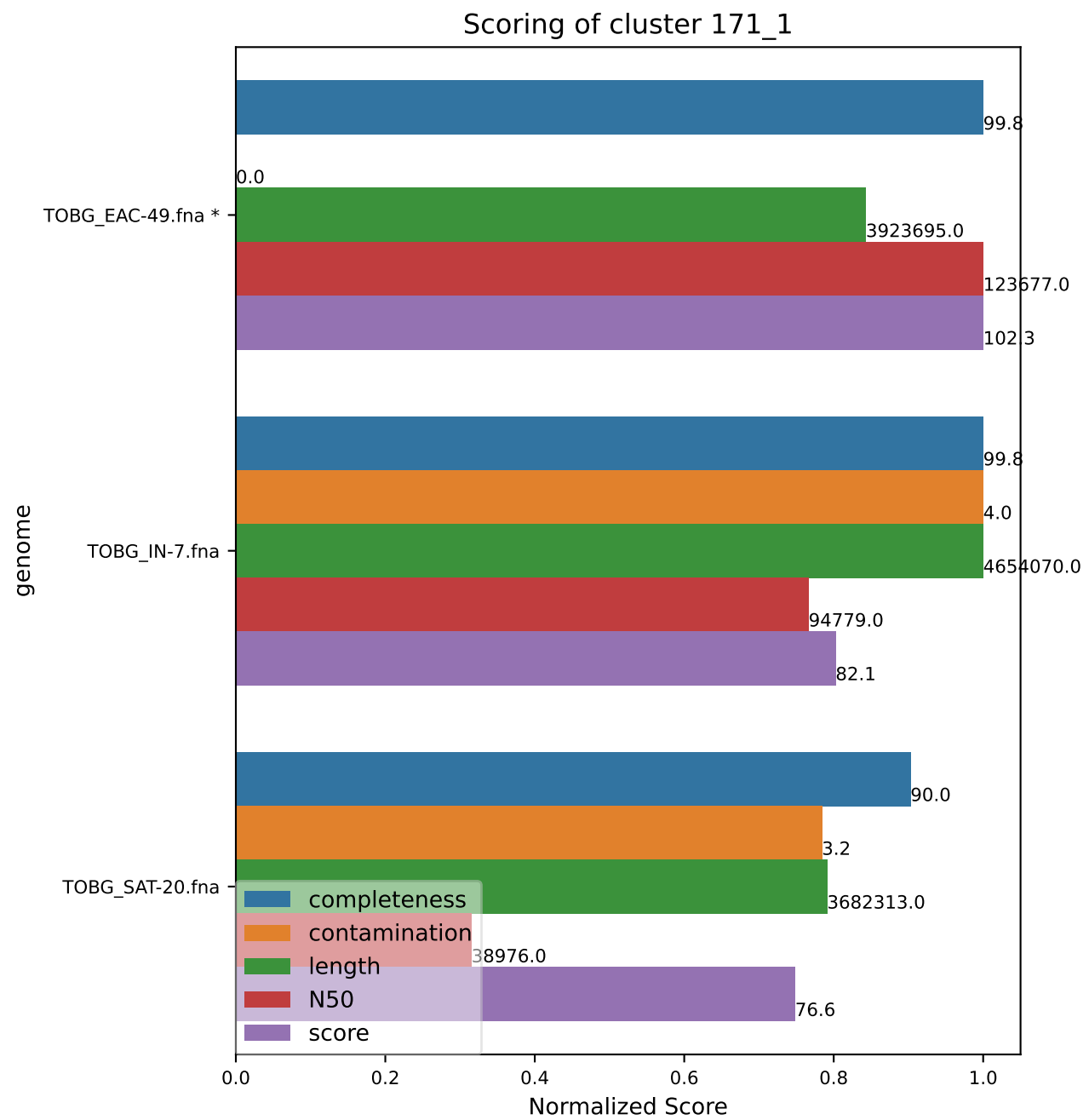


Scoring of cluster 170\_0

genome

TOBG\_ARS-65.fna \*

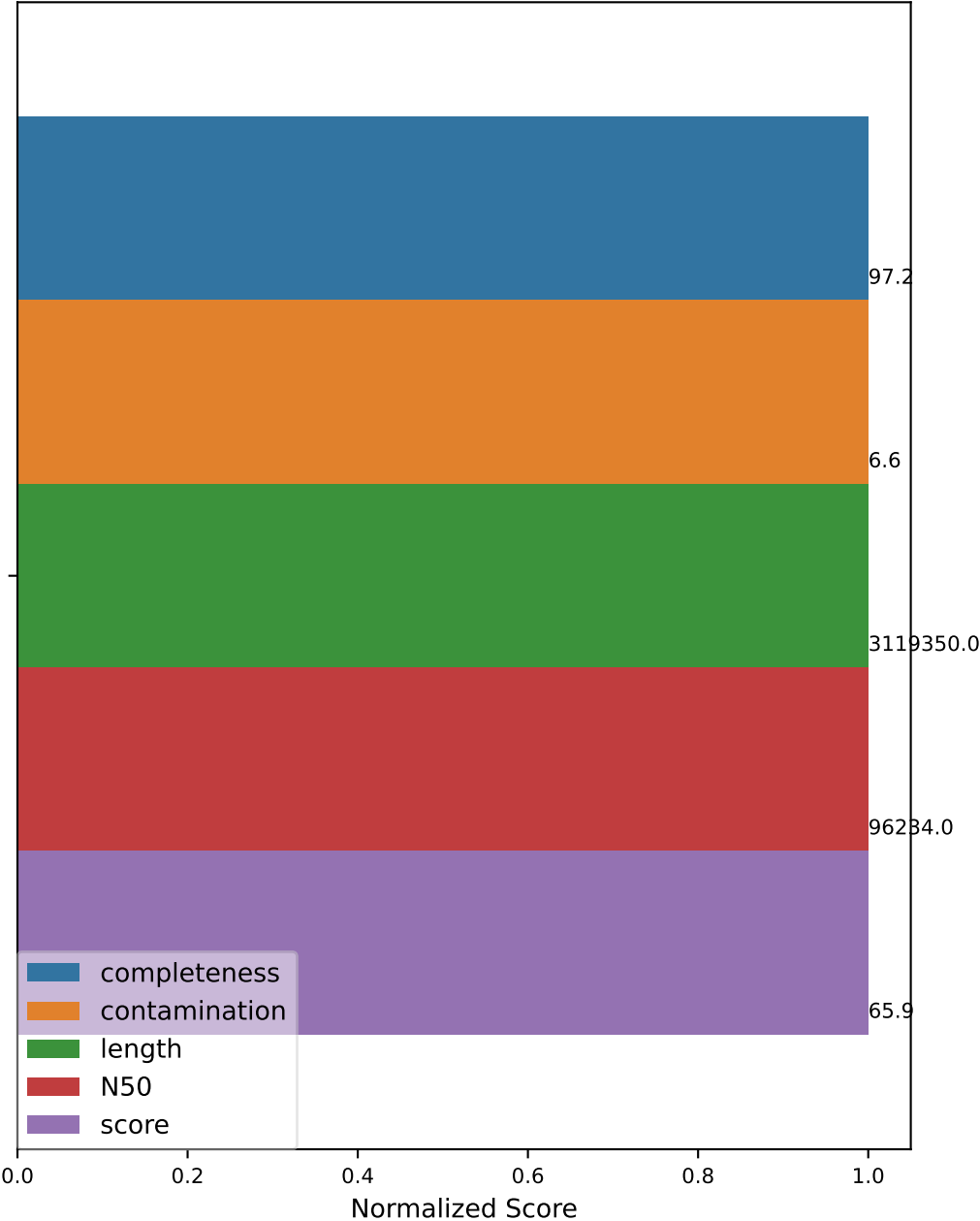




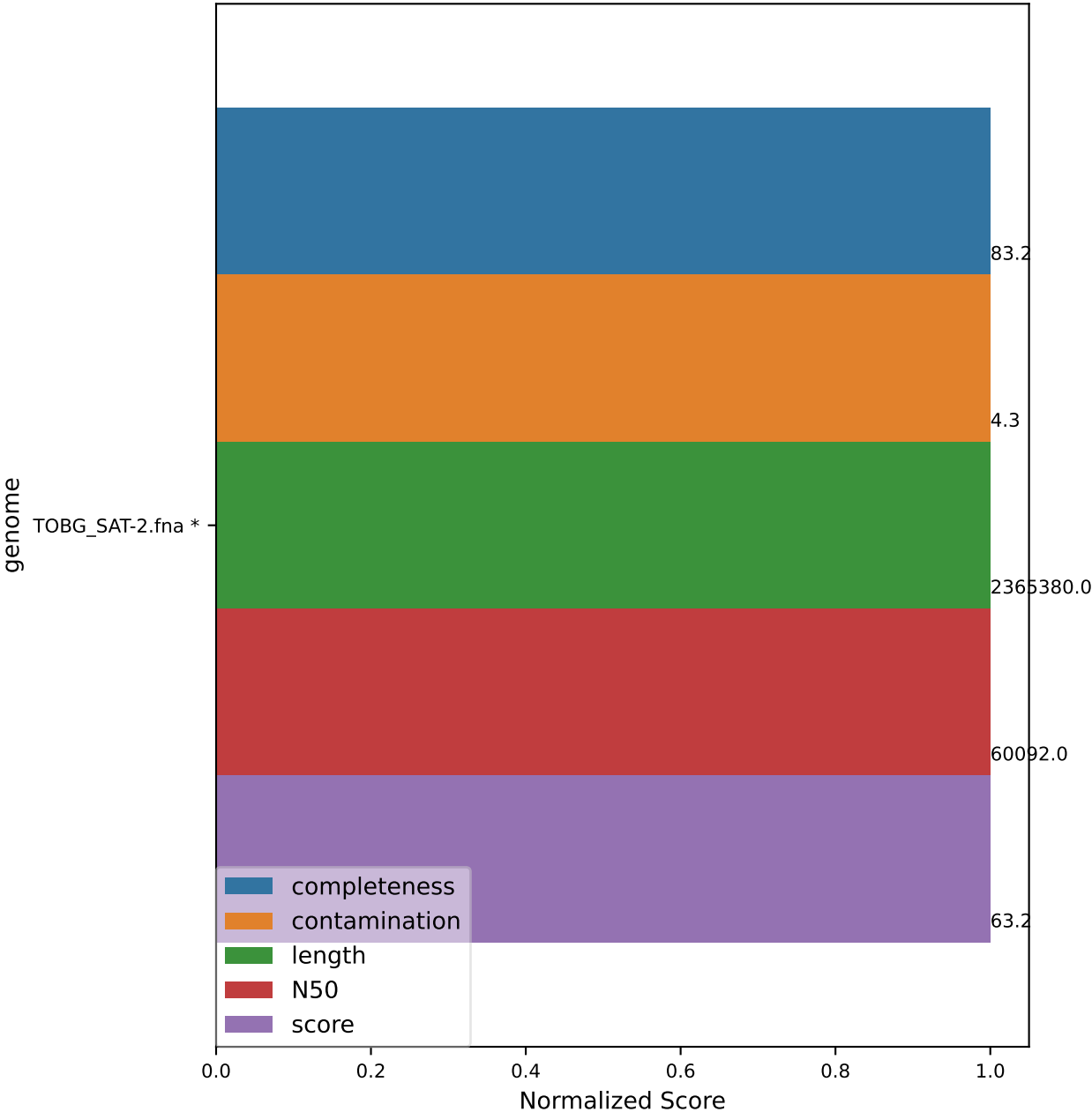
Scoring of cluster 172\_0

genome

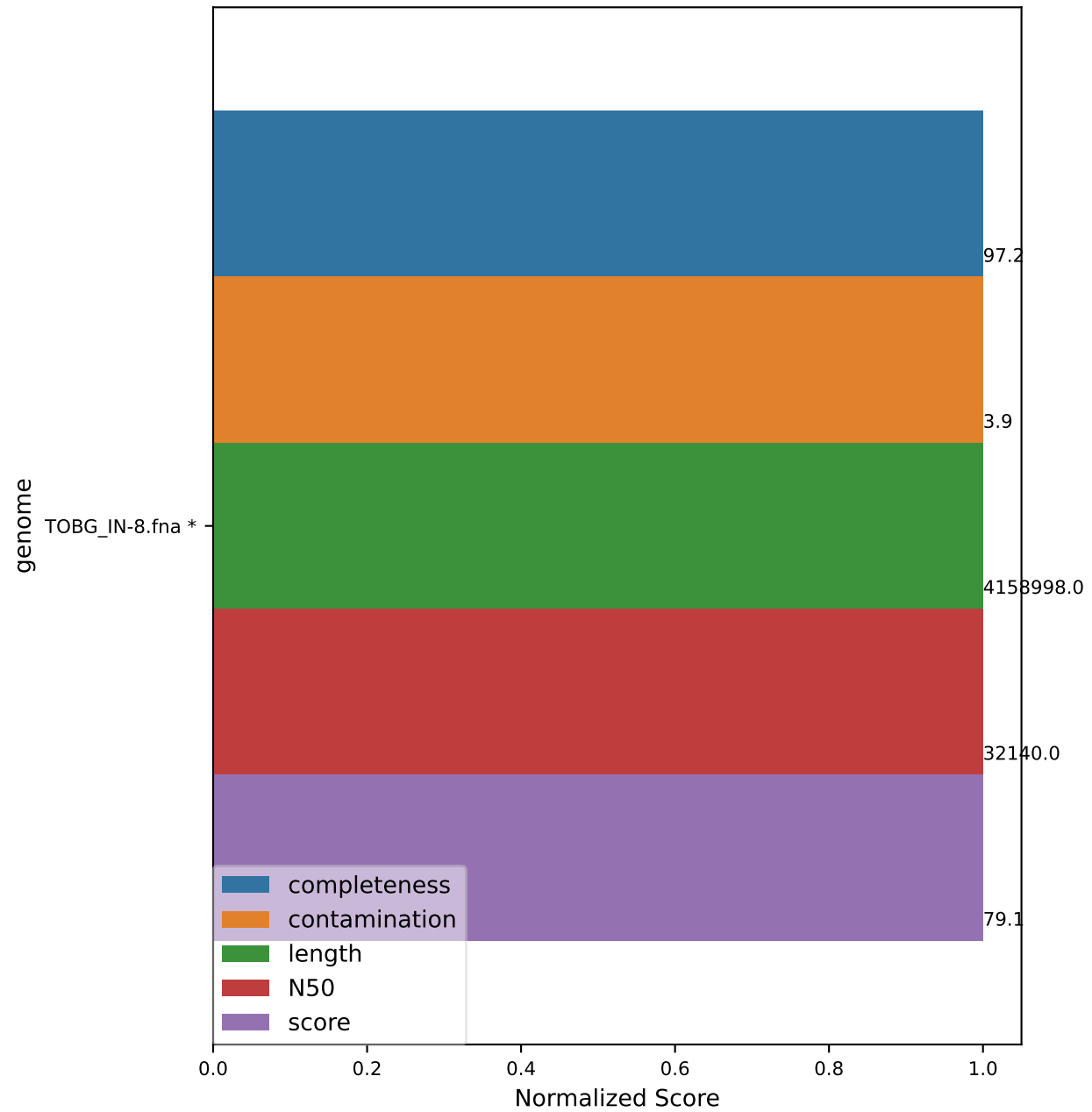
TOBG\_SAT-110.fna \*



Scoring of cluster 173\_0



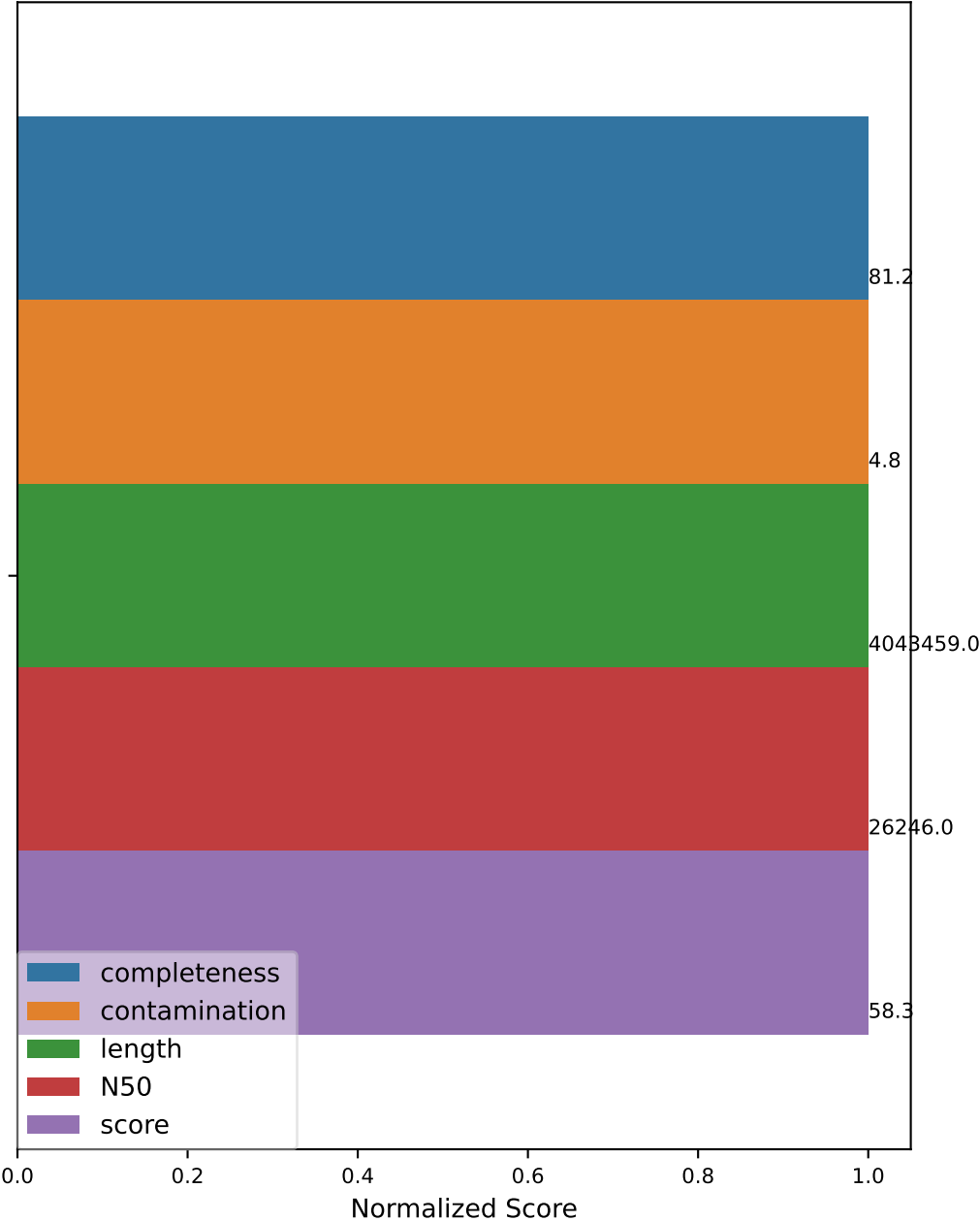
Scoring of cluster 174\_0



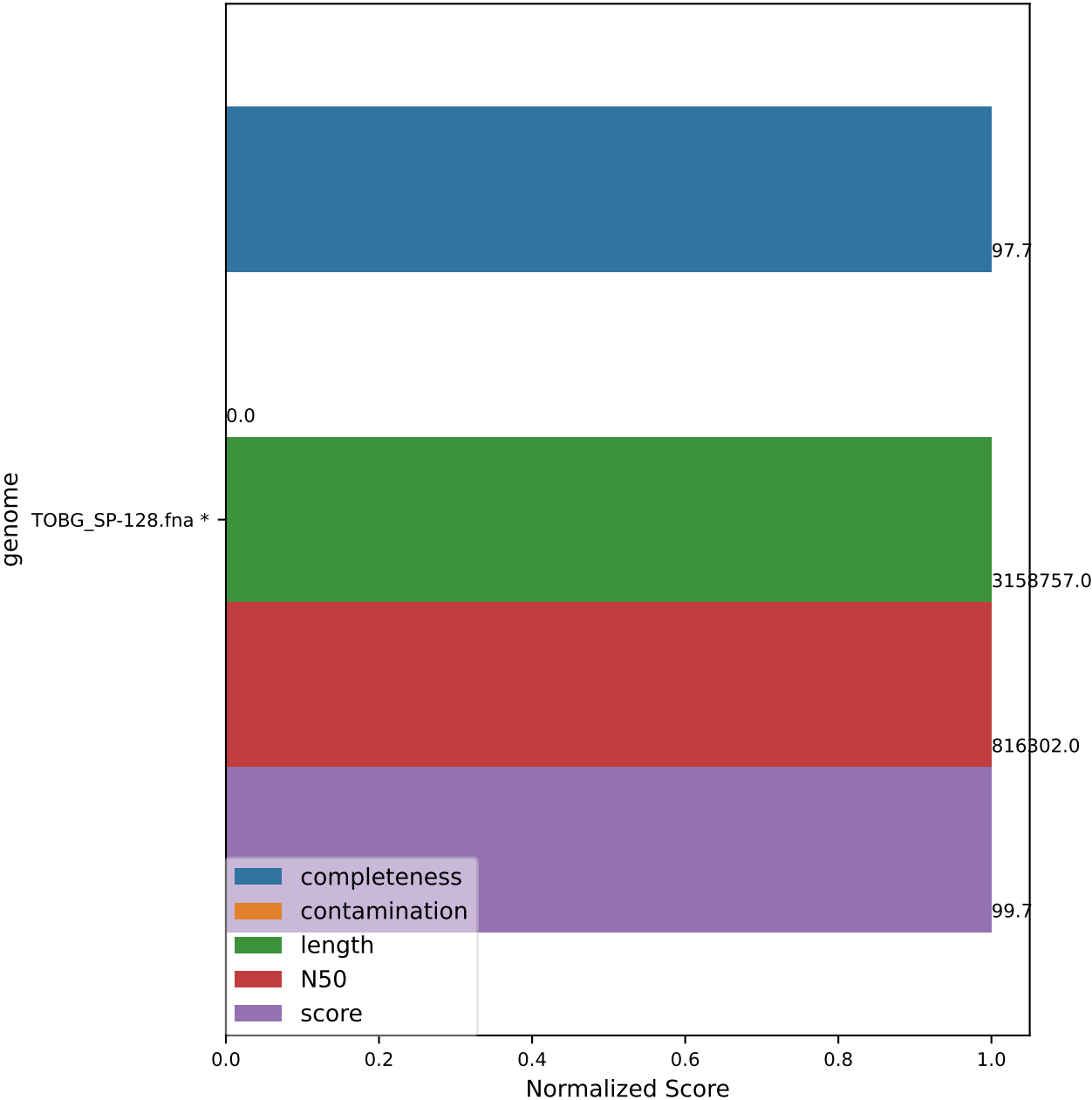
Scoring of cluster 175\_0

genome

TOBG\_MED-672.fna \*



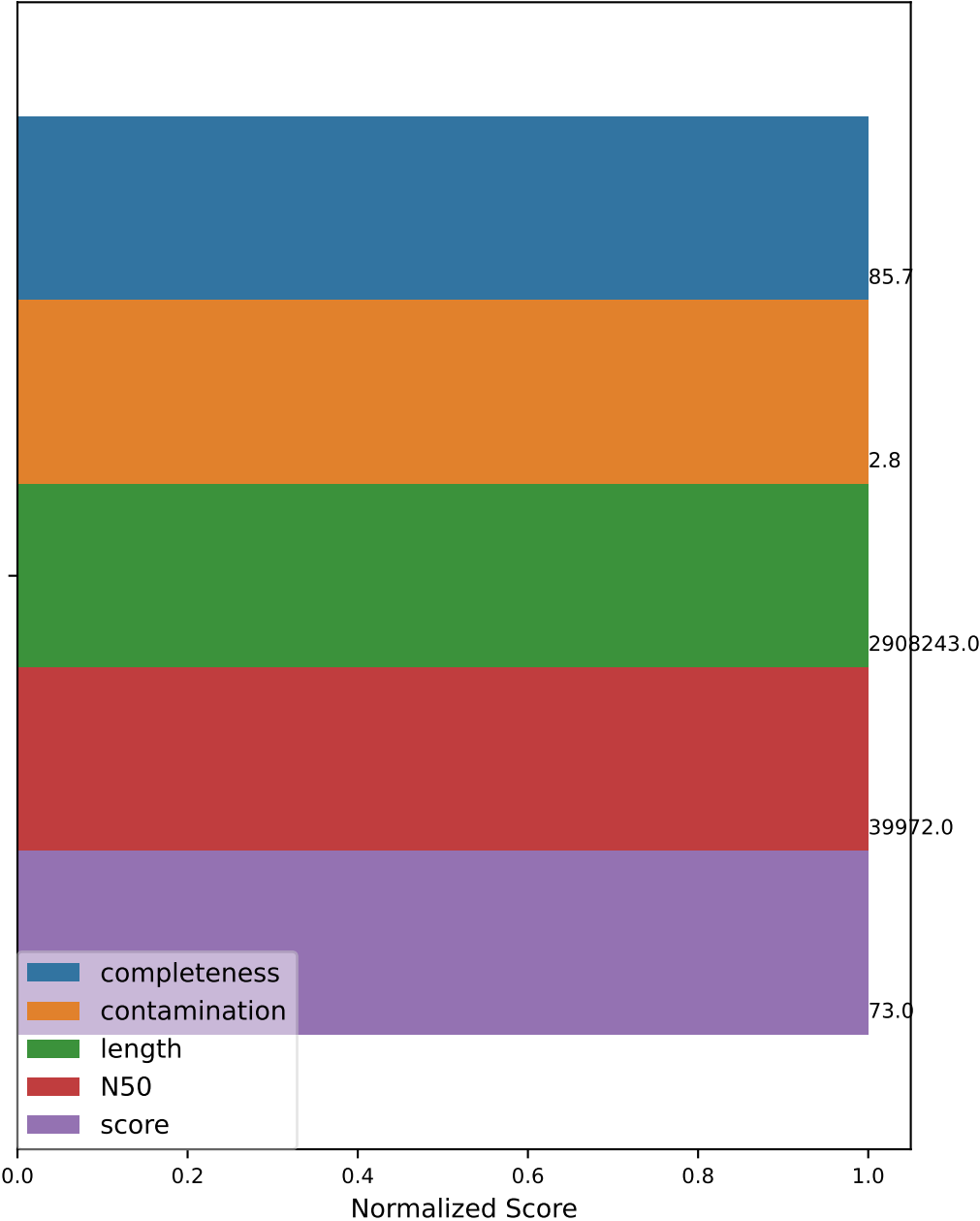
Scoring of cluster 176\_0



Scoring of cluster 177\_0

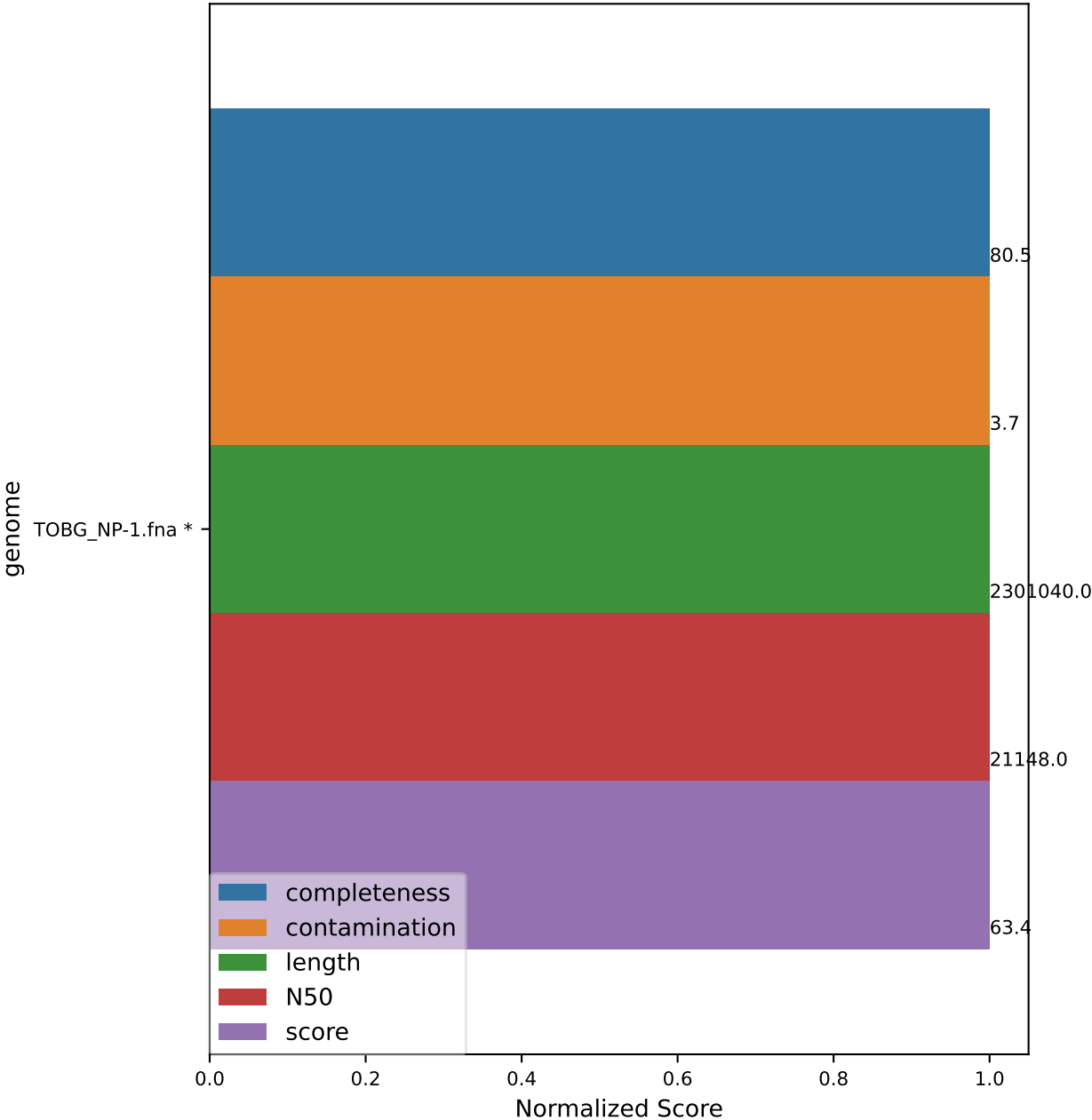
genome

TOBG\_CPC-58.fna \*





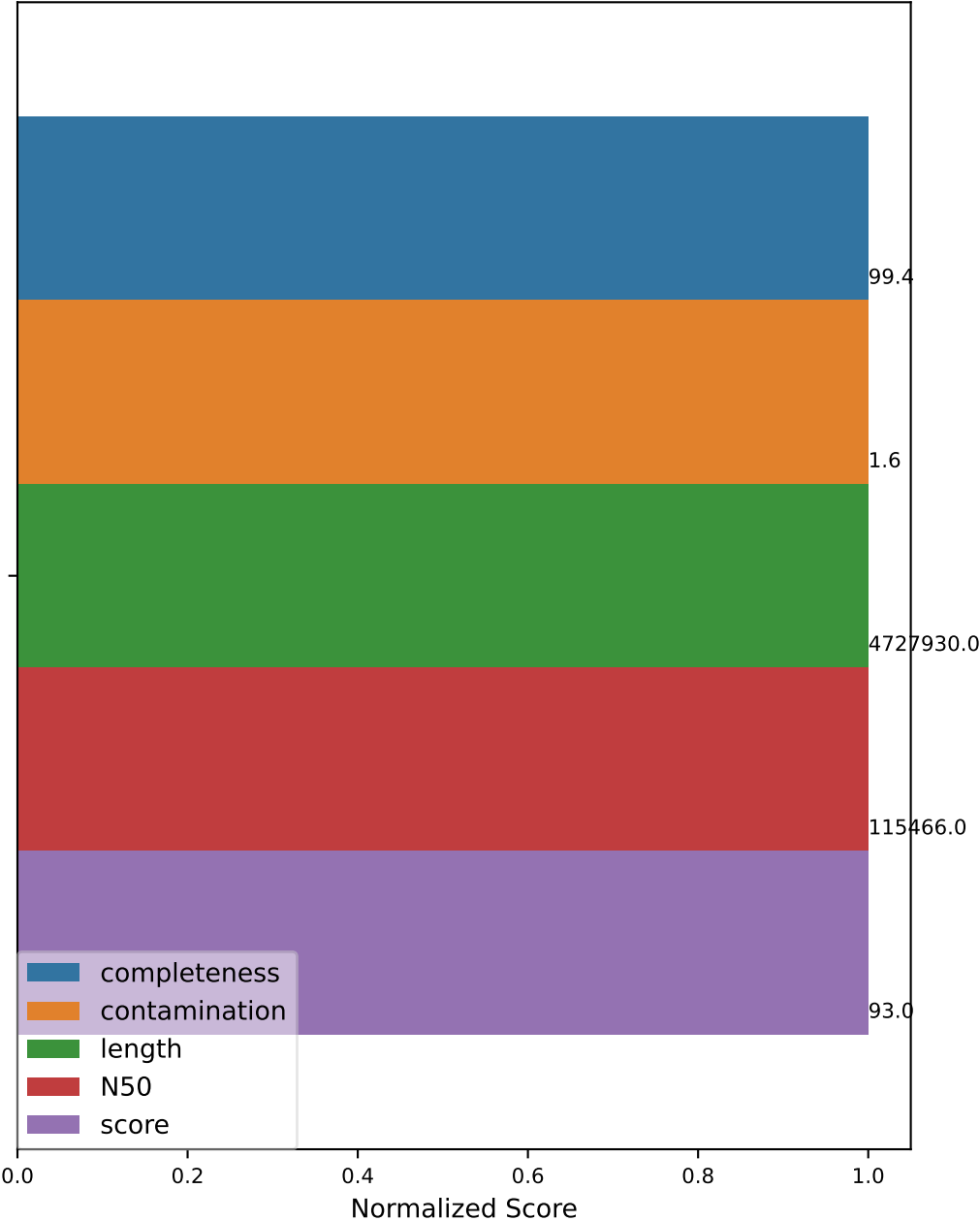
Scoring of cluster 178\_0



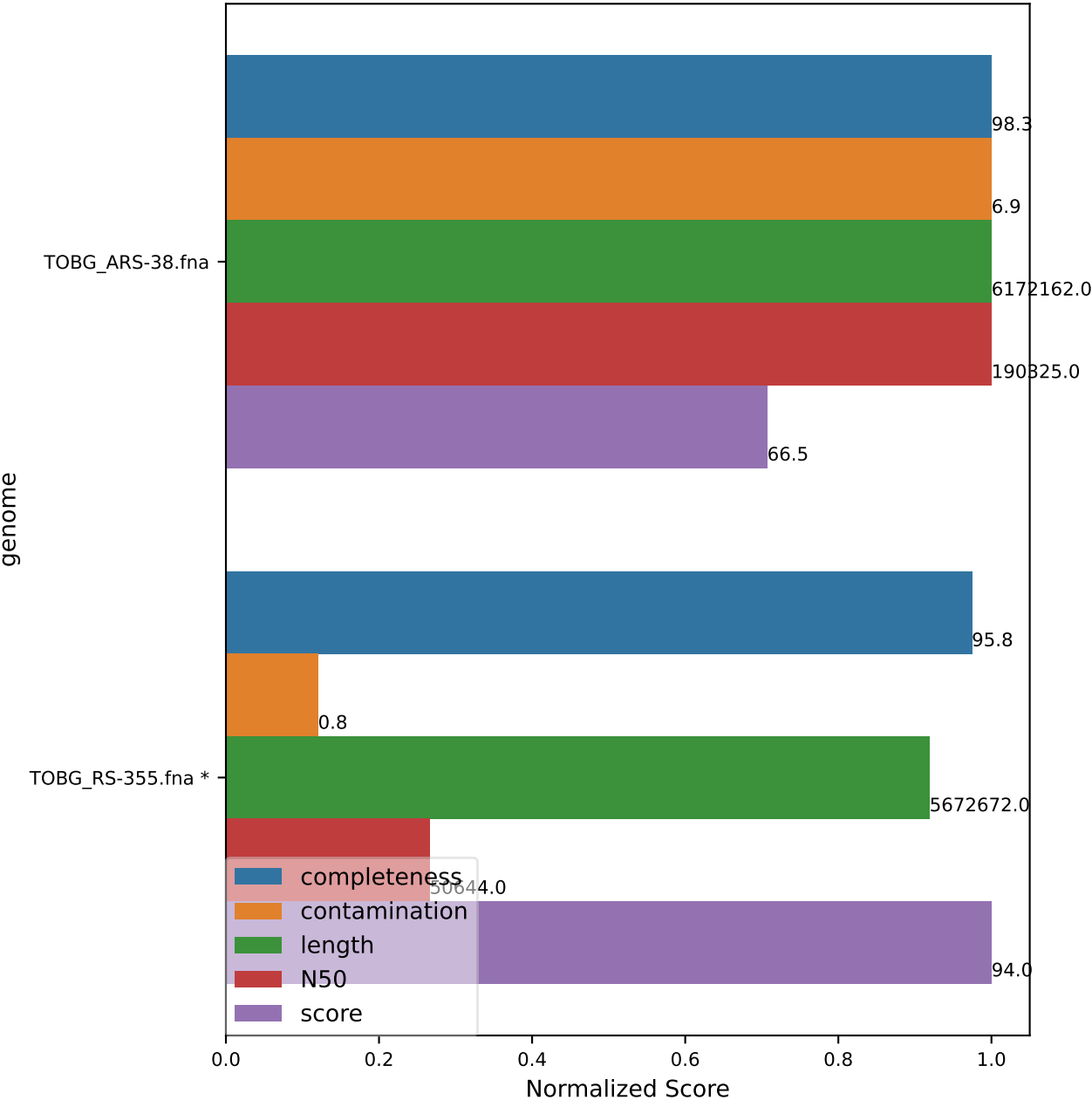
Scoring of cluster 179\_0

genome

TOBG\_SAT-111.fna \*



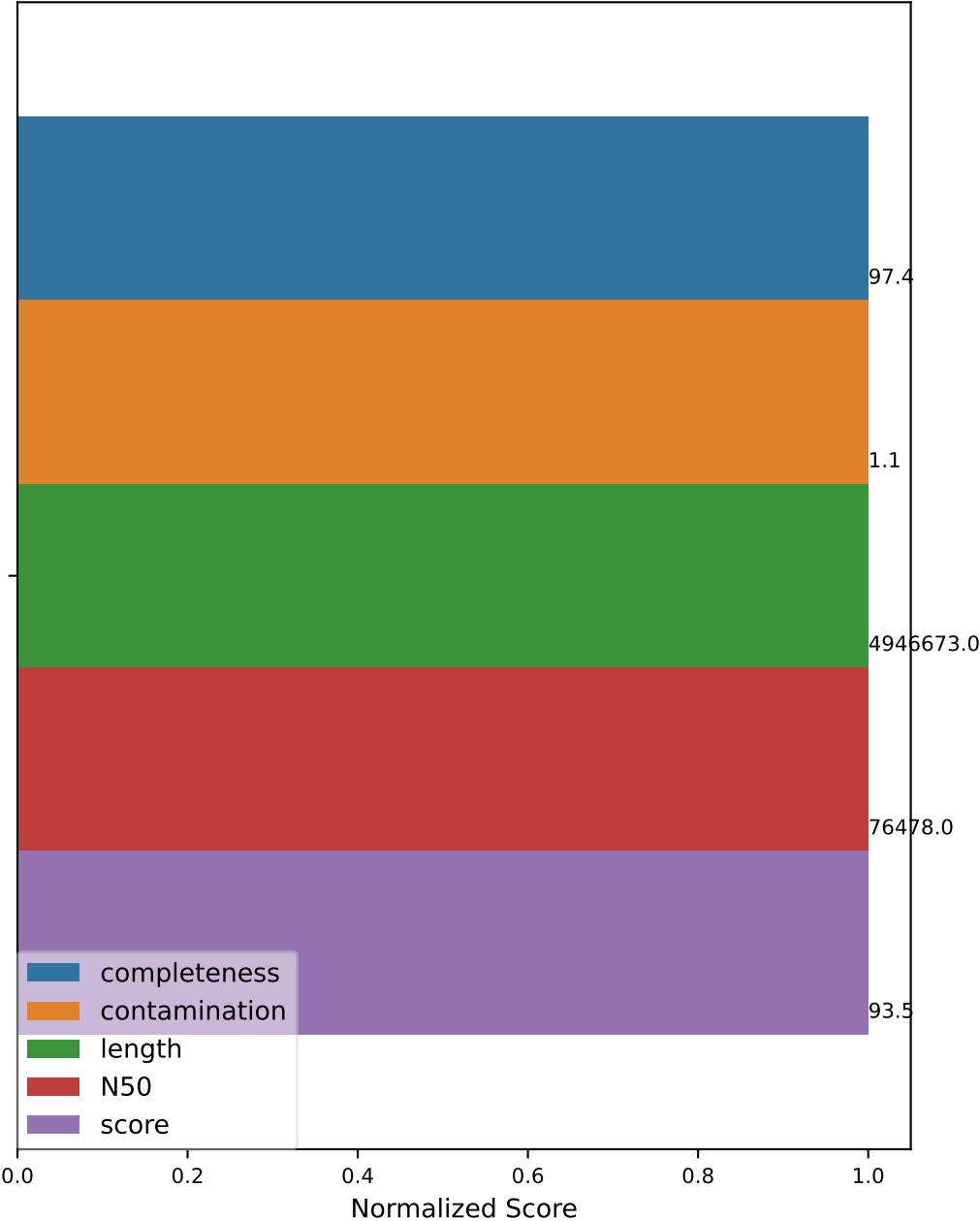
Scoring of cluster 180\_1



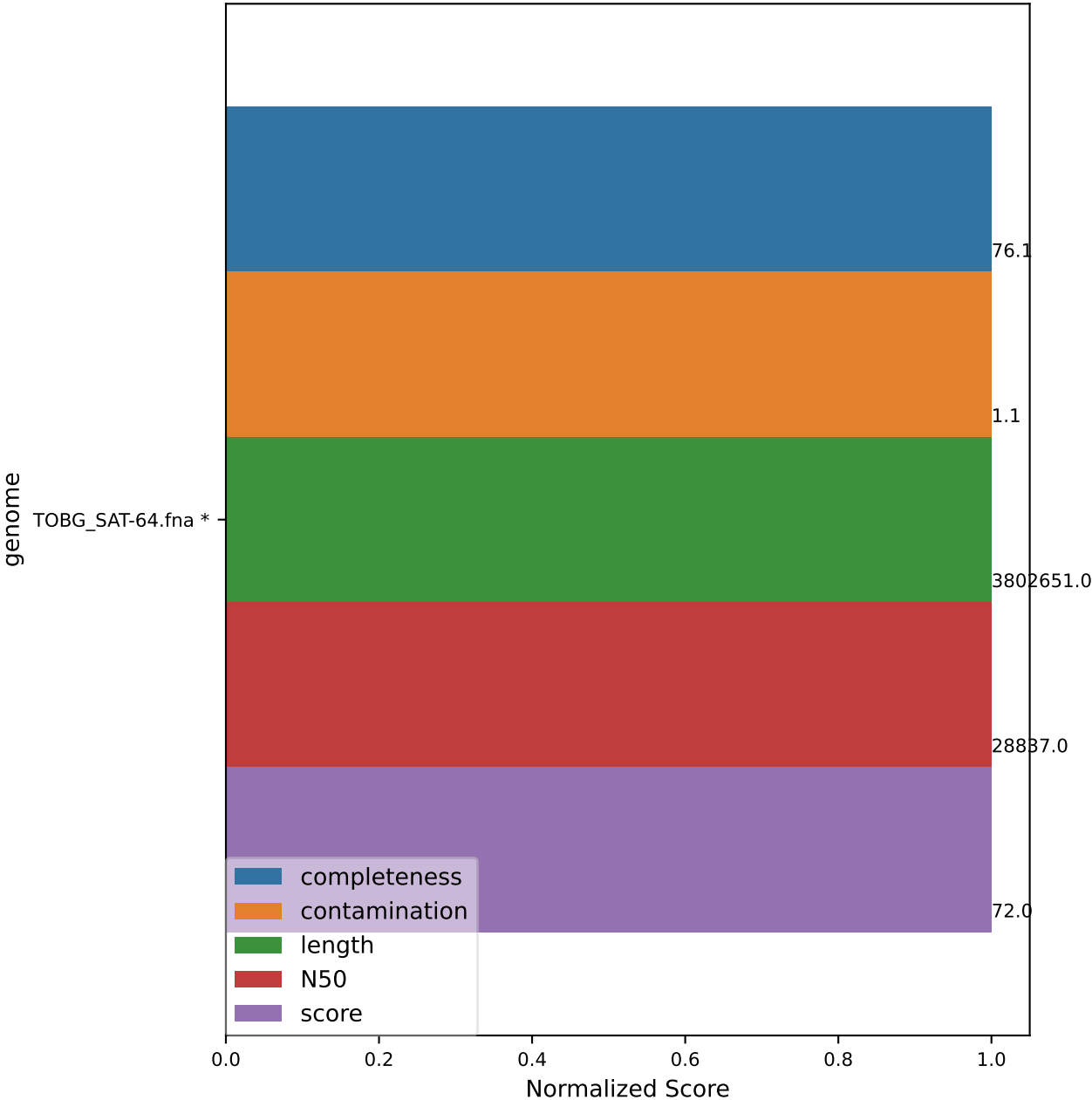
Scoring of cluster 181\_1

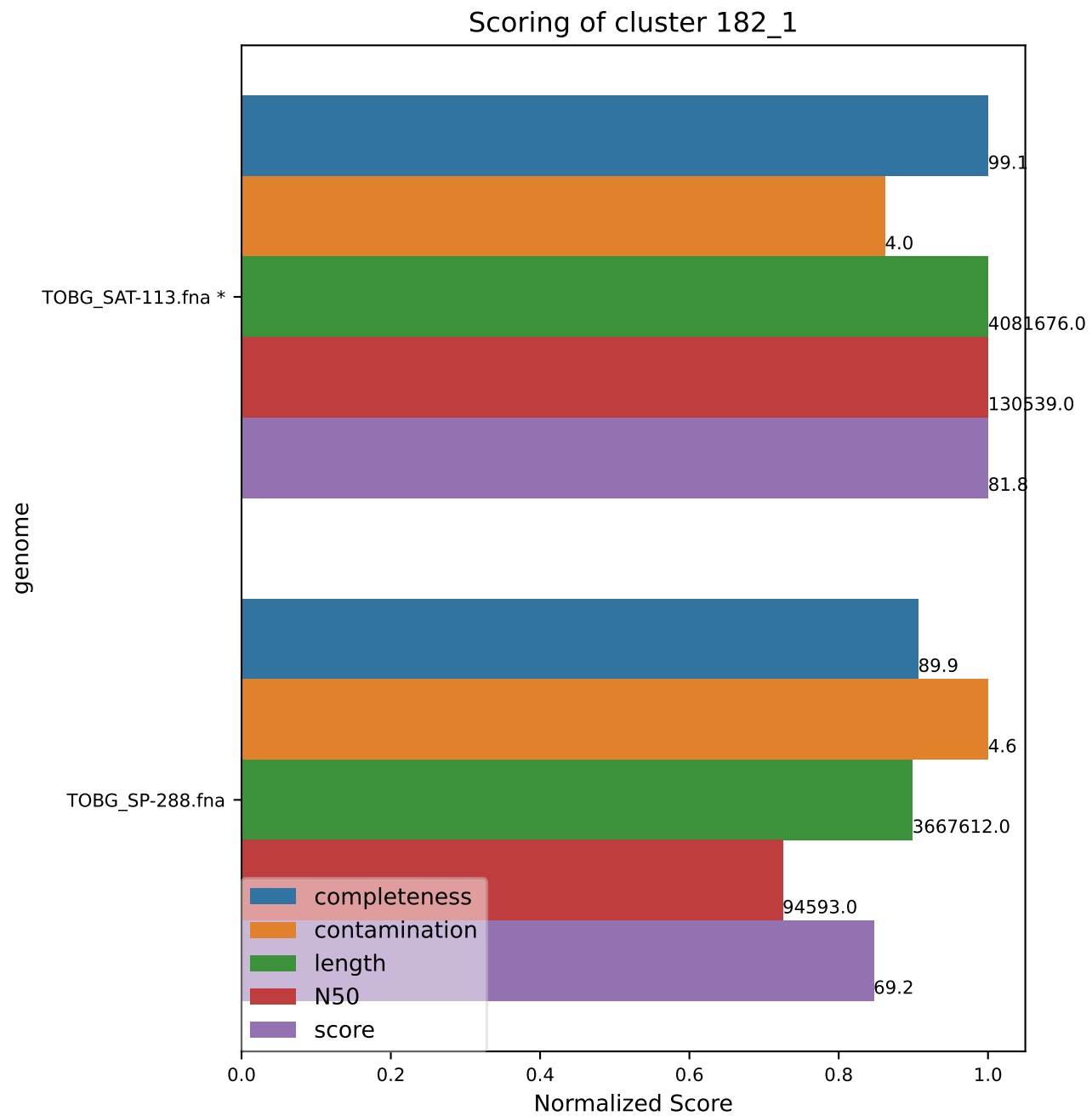
genome

TOBG\_NAT-30.fna \*

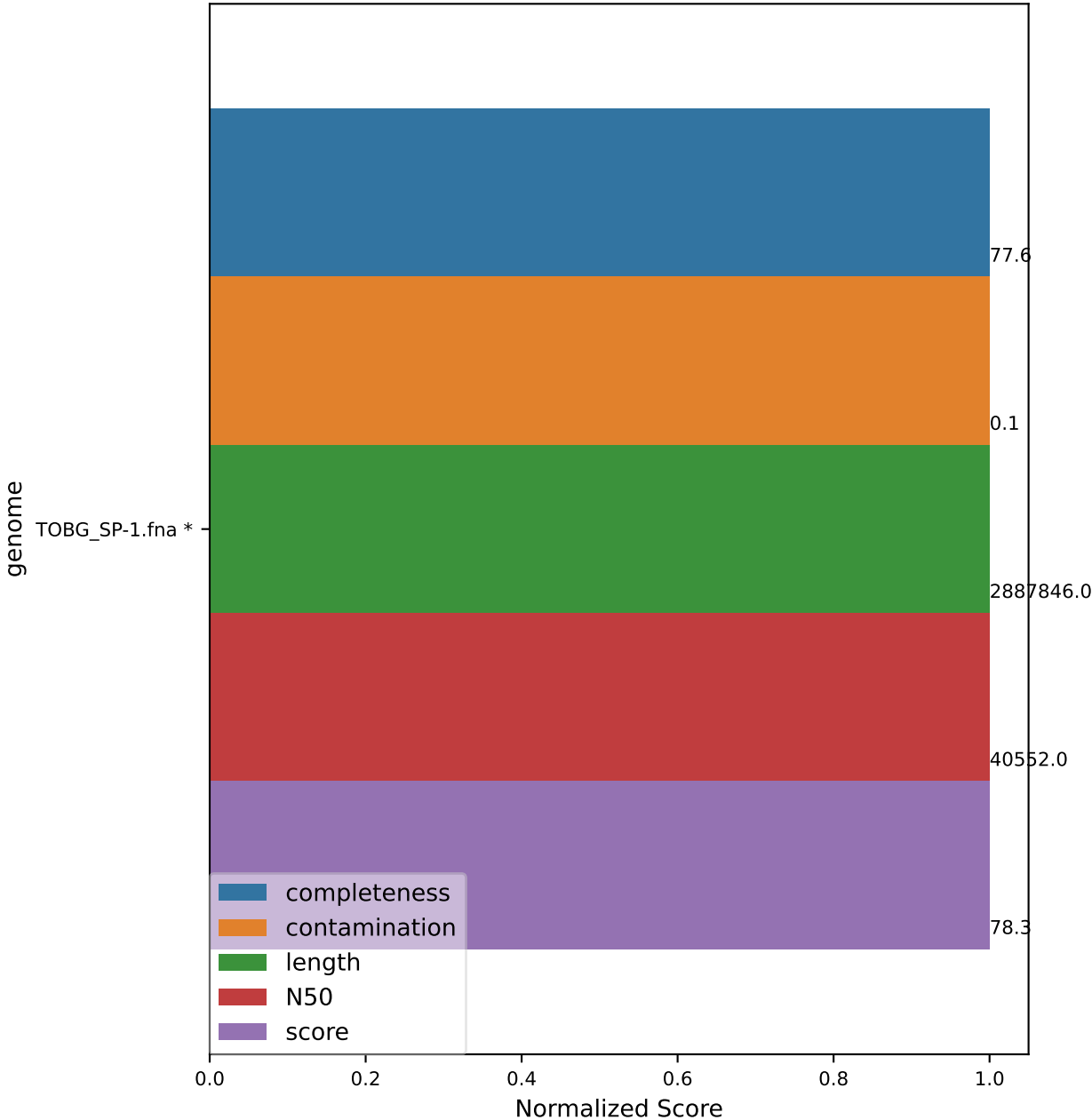


Scoring of cluster 181\_2

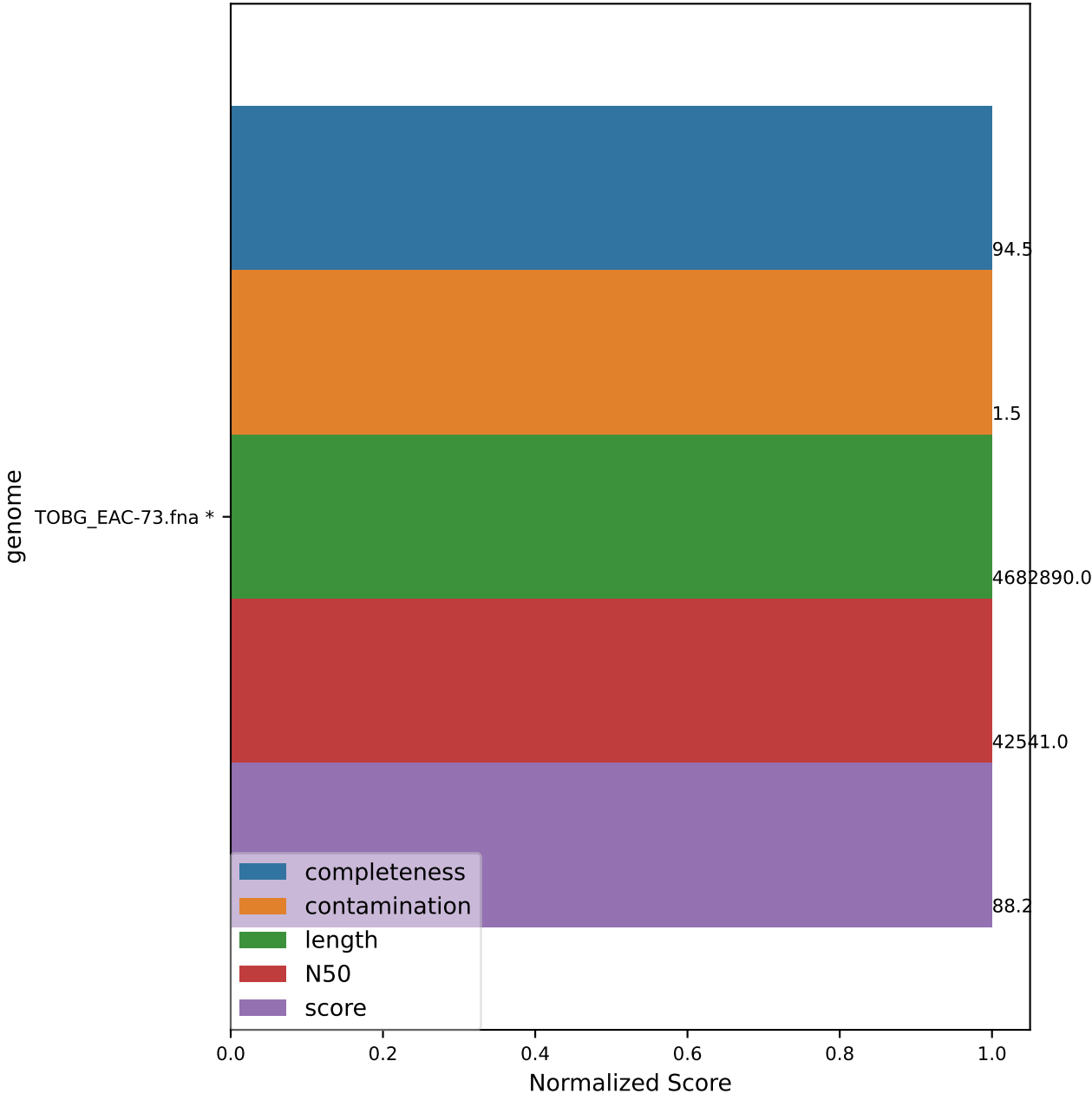




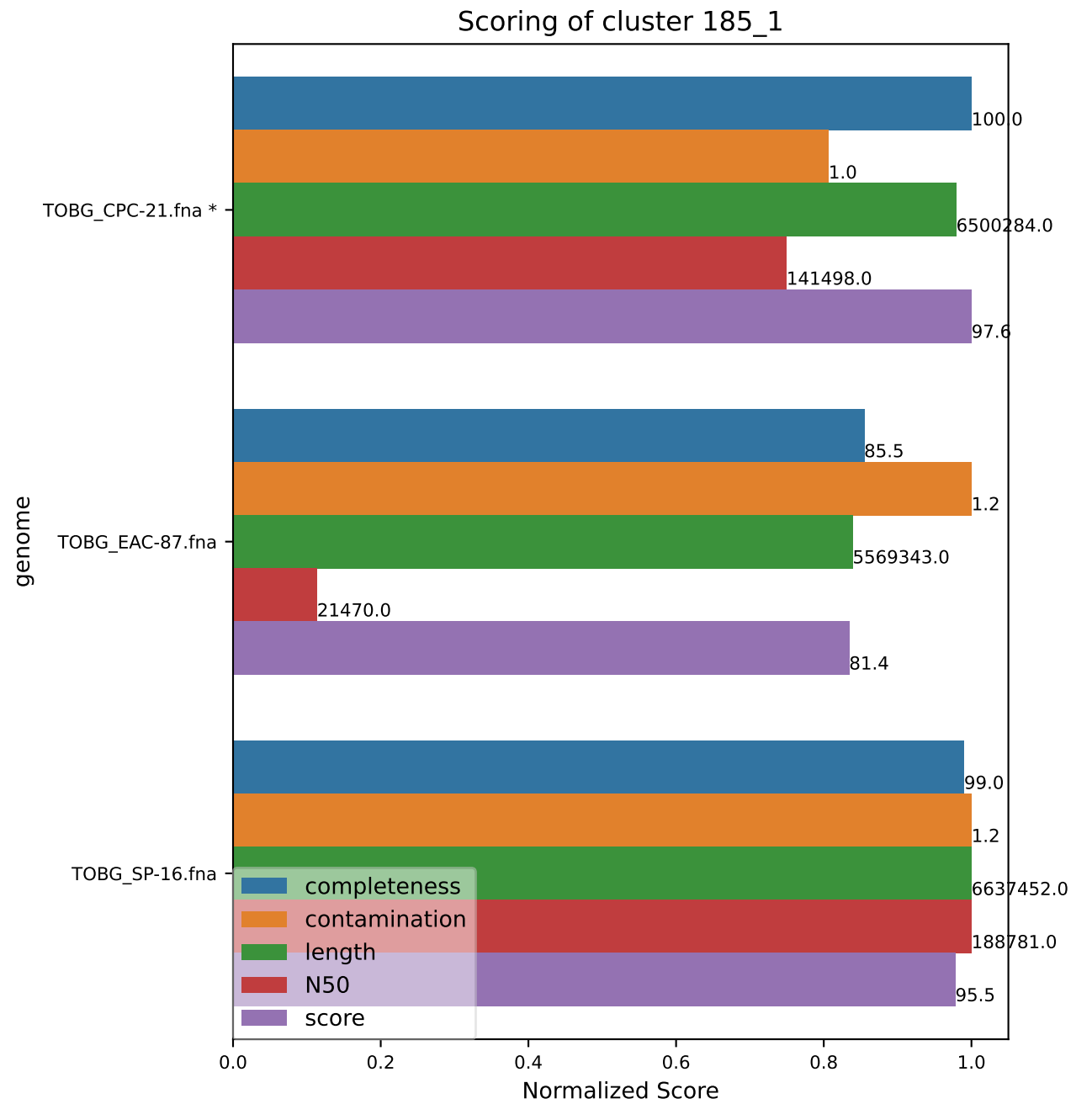
Scoring of cluster 183\_0



Scoring of cluster 184\_0



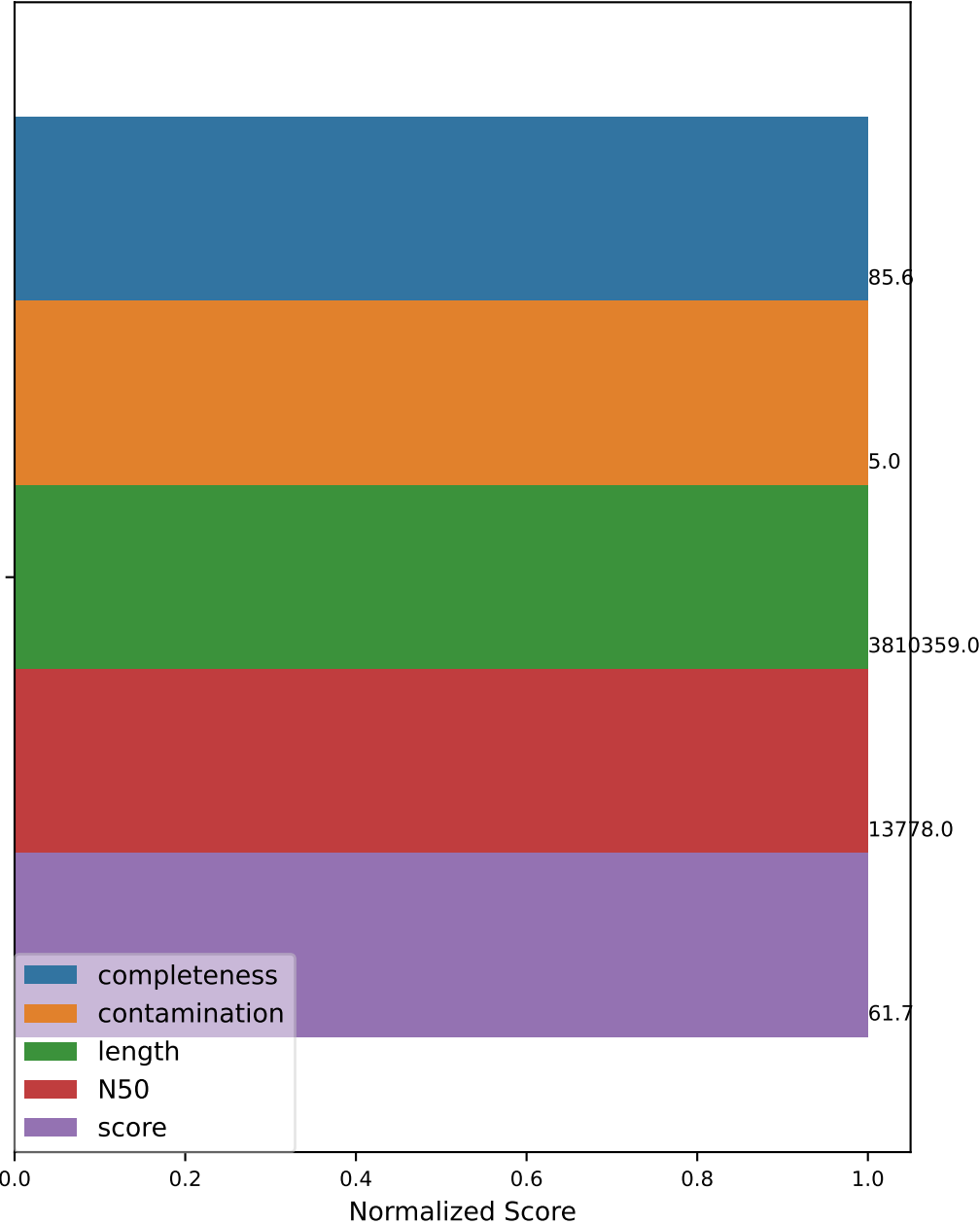




Scoring of cluster 186\_0

genome

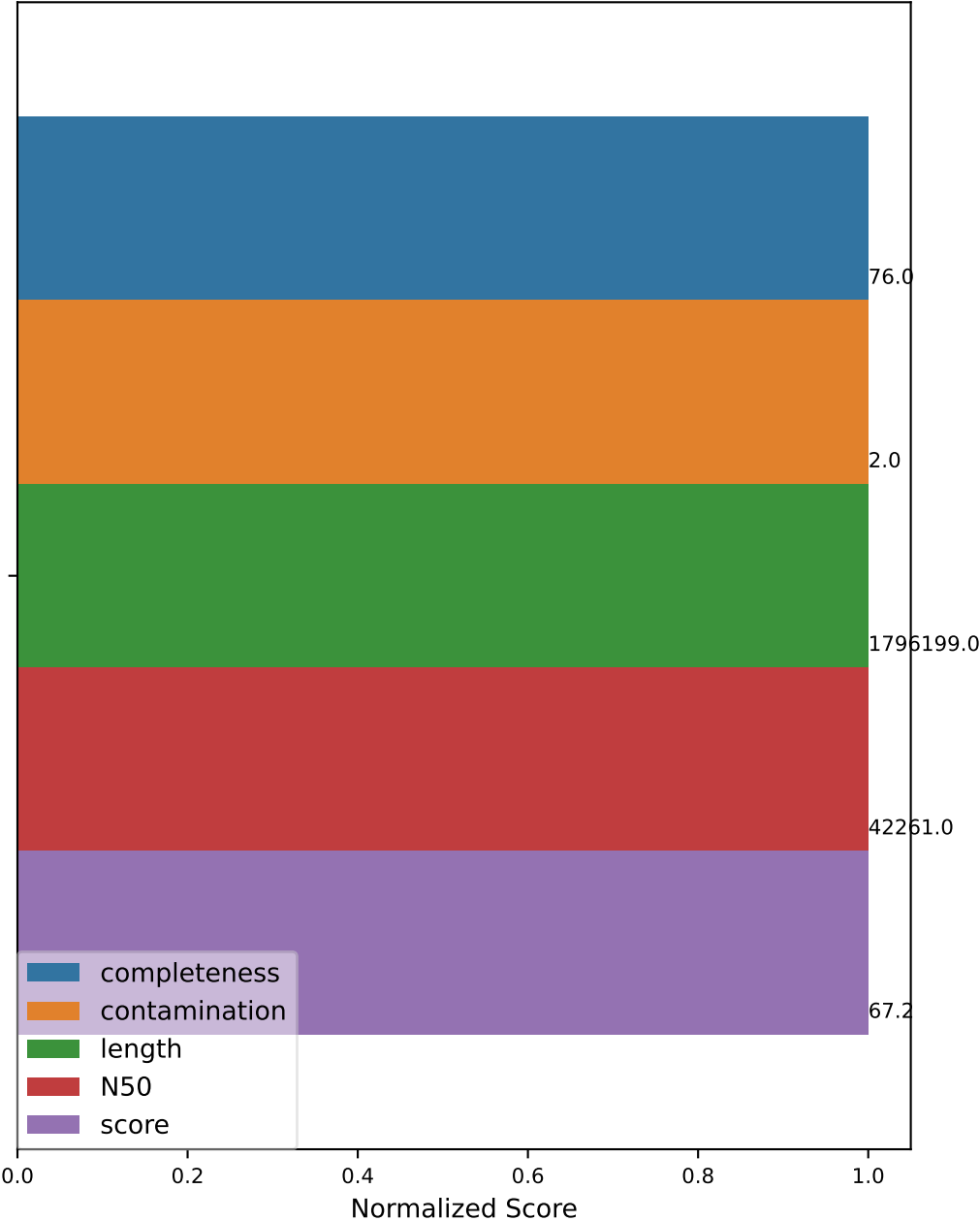
TOBG\_NP-952.fna \*



Scoring of cluster 187\_1

genome

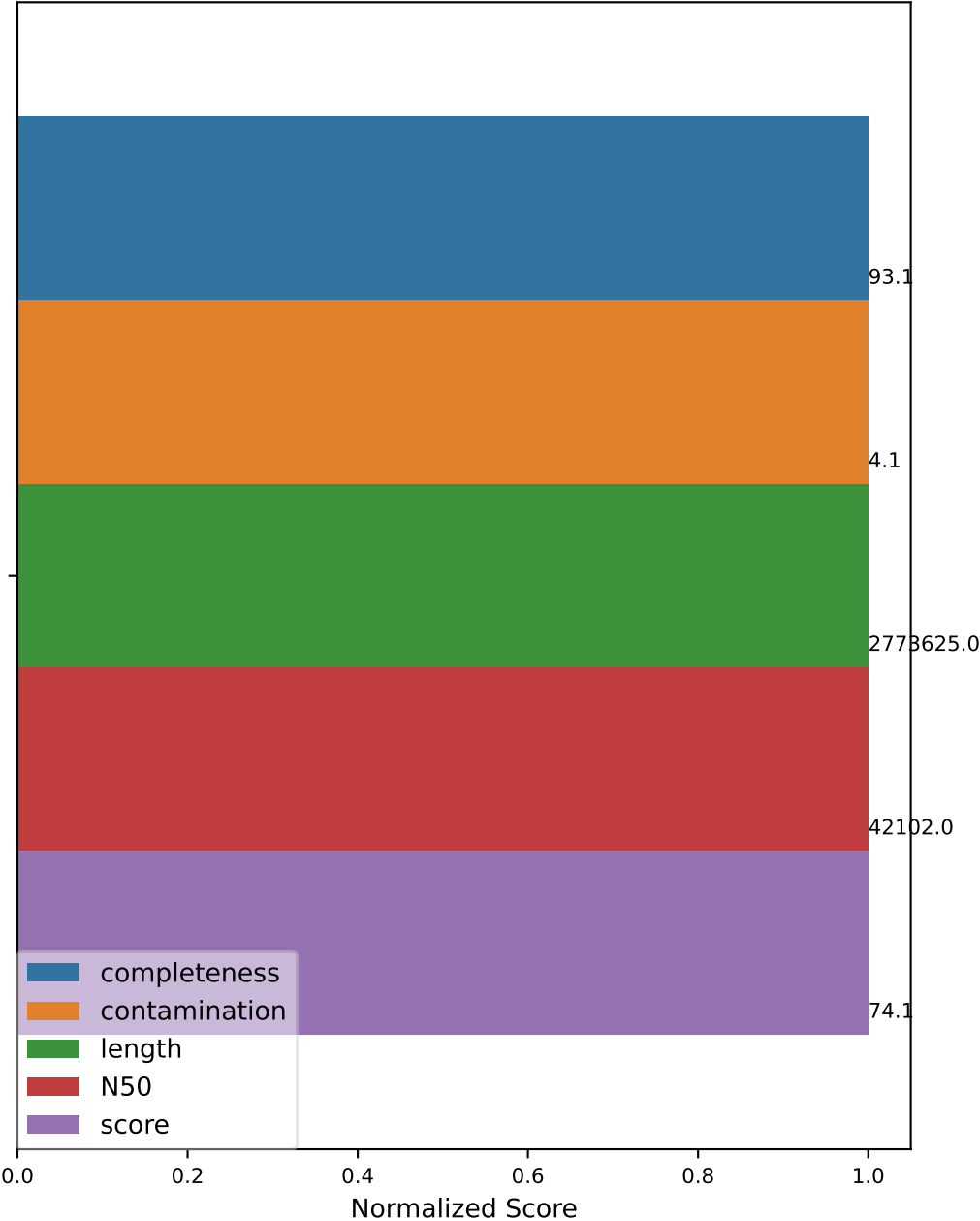
TOBG\_MED-856.fna \*



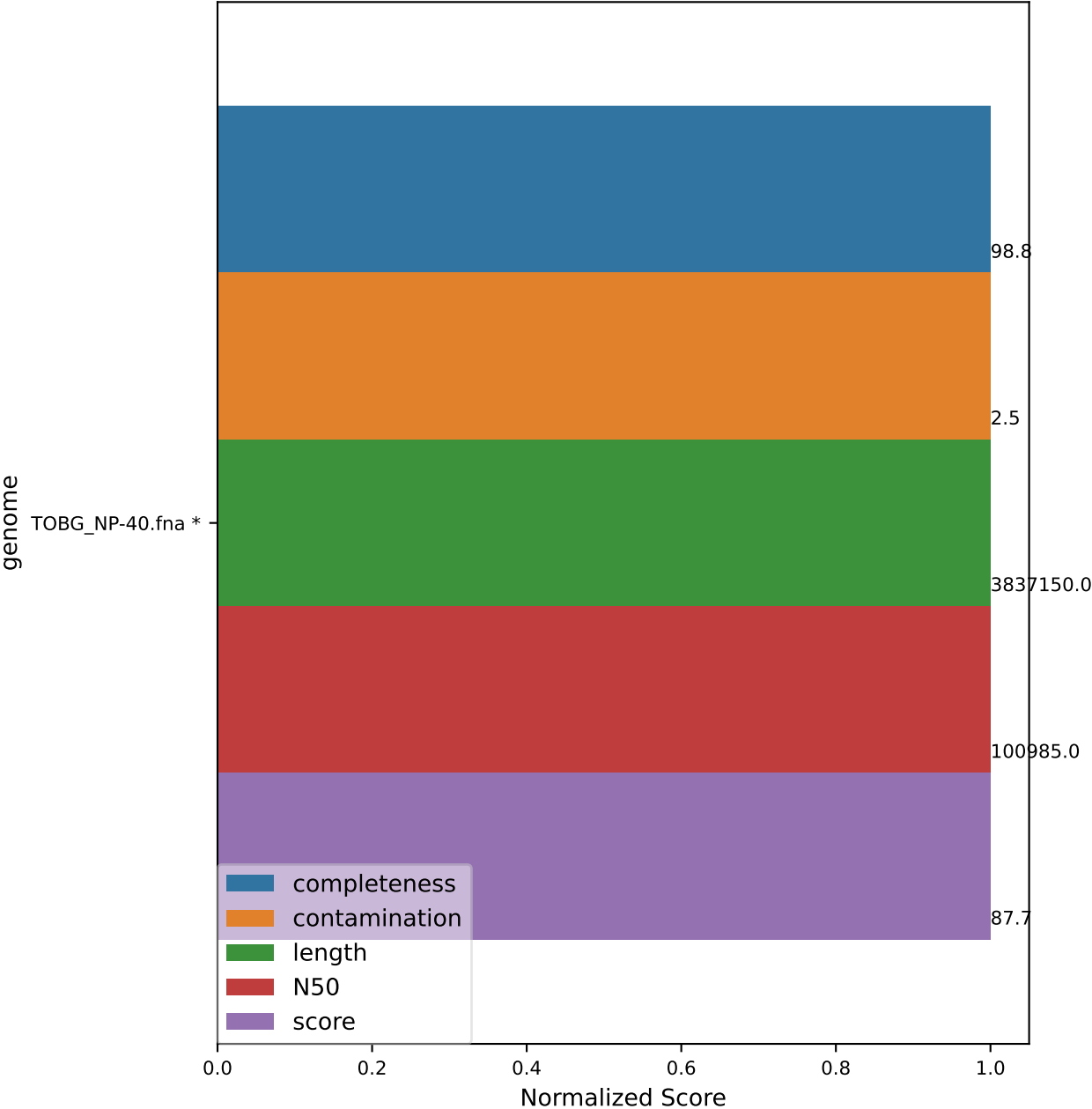
Scoring of cluster 187\_2

genome

TOBG\_SP-237.fna \*



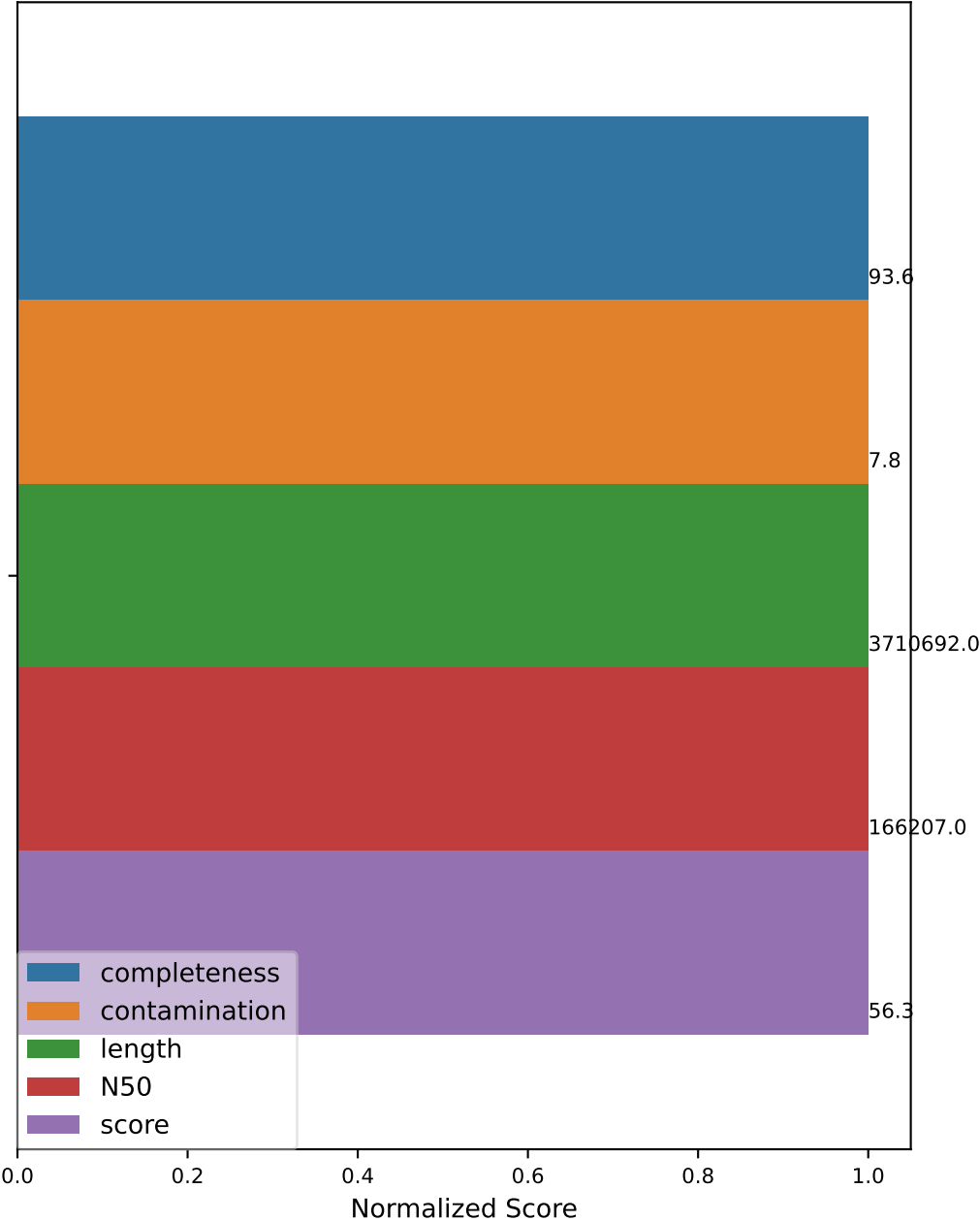
Scoring of cluster 188\_1



Scoring of cluster 188\_2

genome

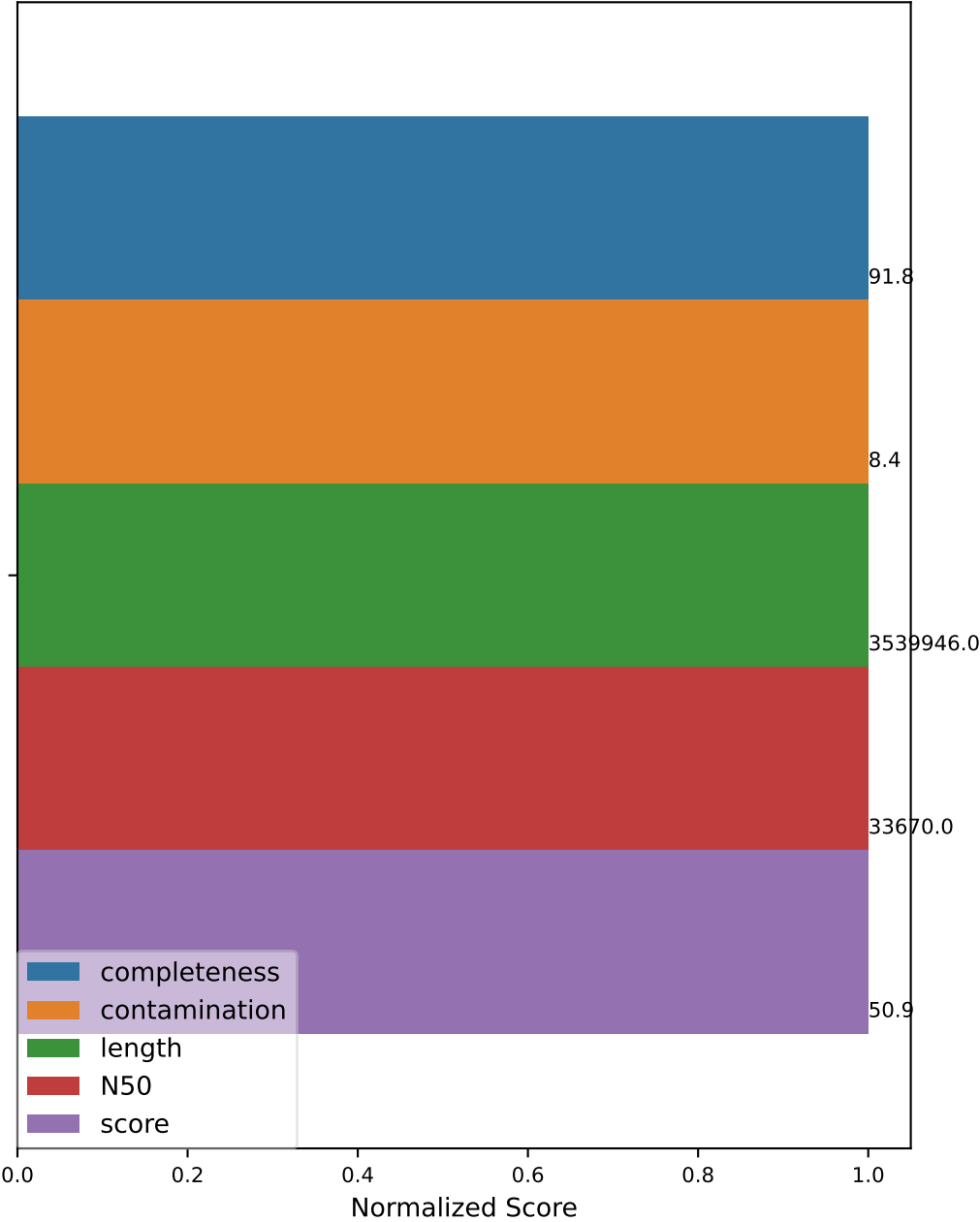
TOBG\_SP-3094.fna \*



Scoring of cluster 189\_0

genome

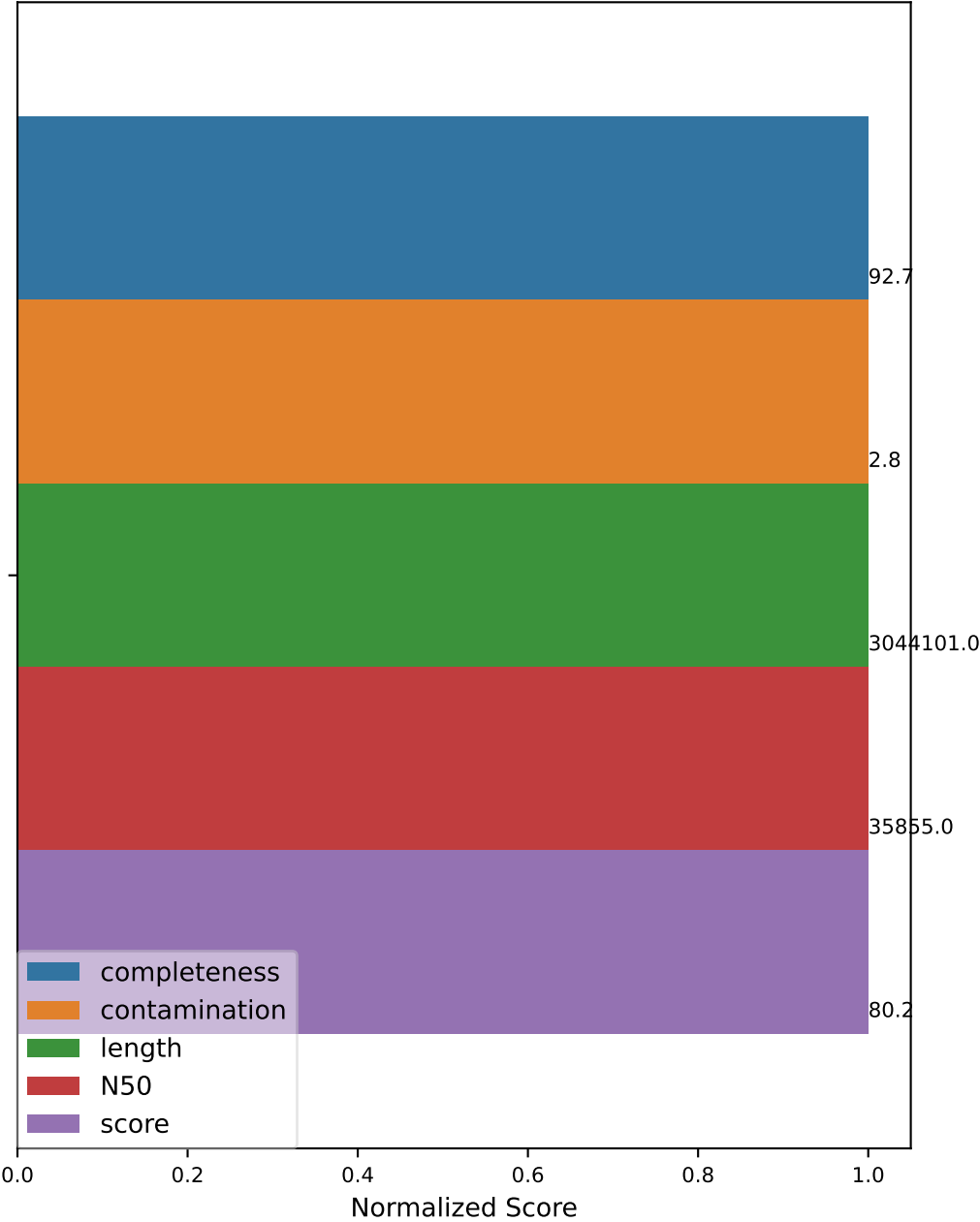
TOBG\_NAT-276.fna \*



Scoring of cluster 190\_0

genome

TOBG\_NAT-46.fna \*

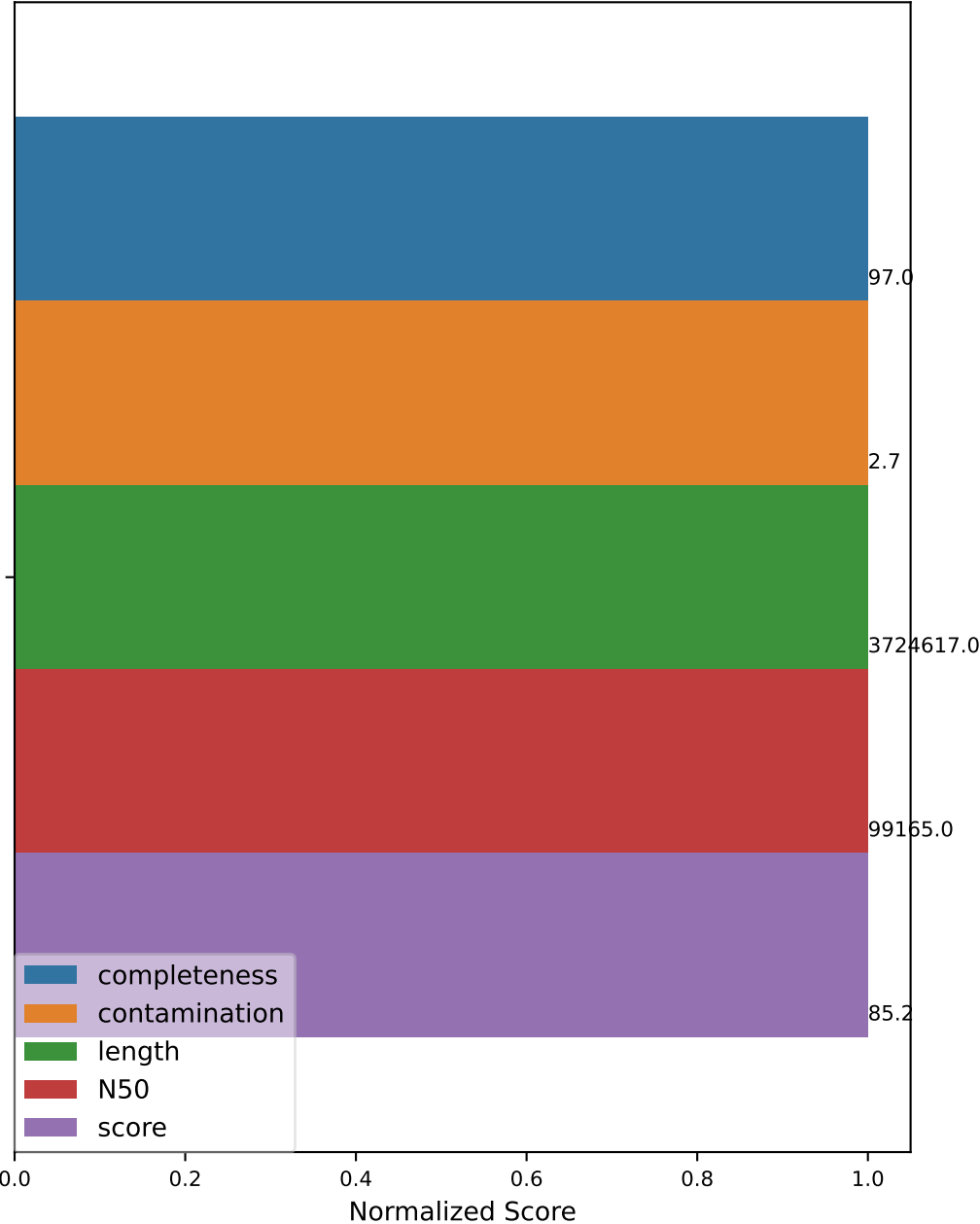




Scoring of cluster 191\_0

genome

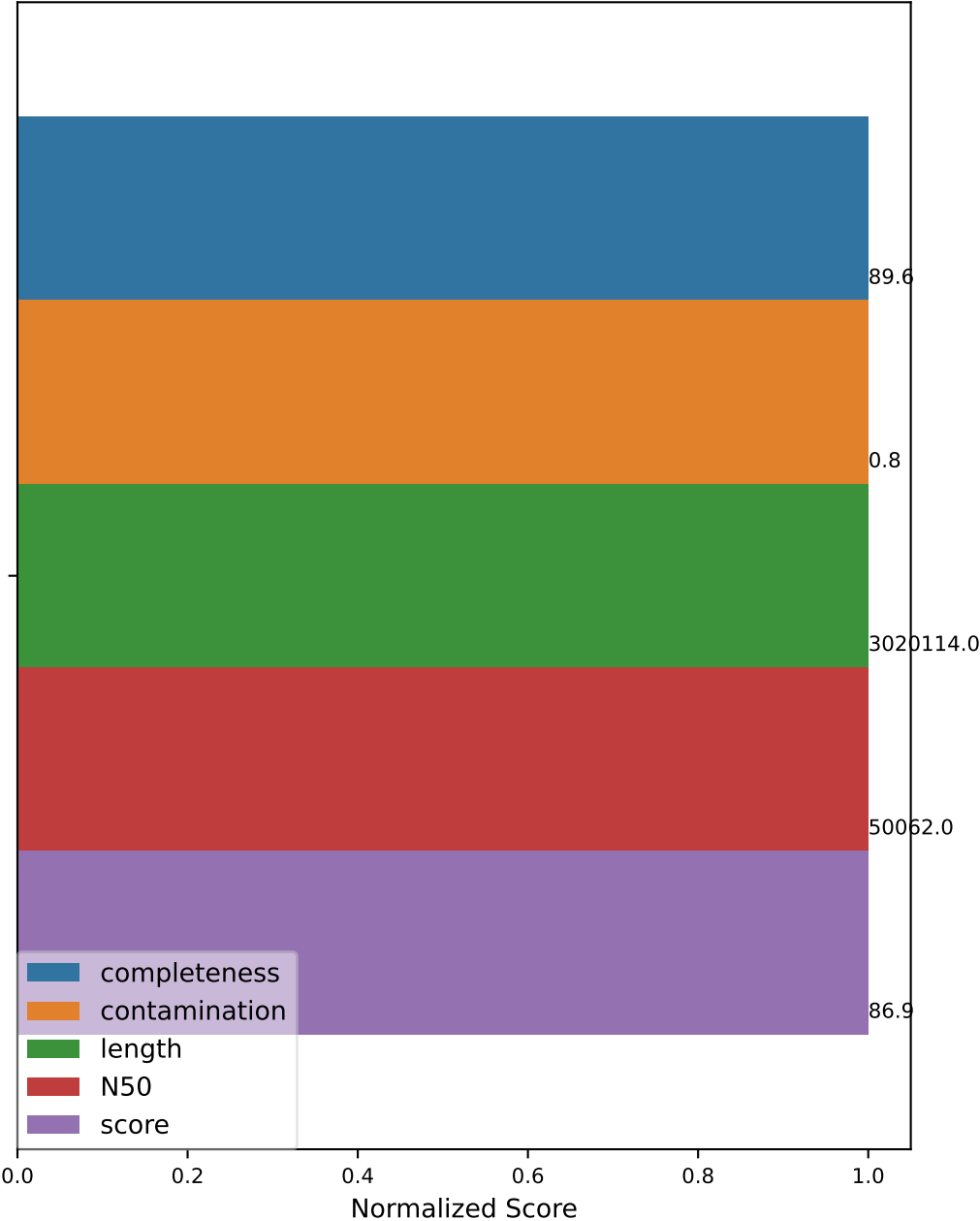
TOBG\_CPC-72.fna \*



Scoring of cluster 192\_0

genome

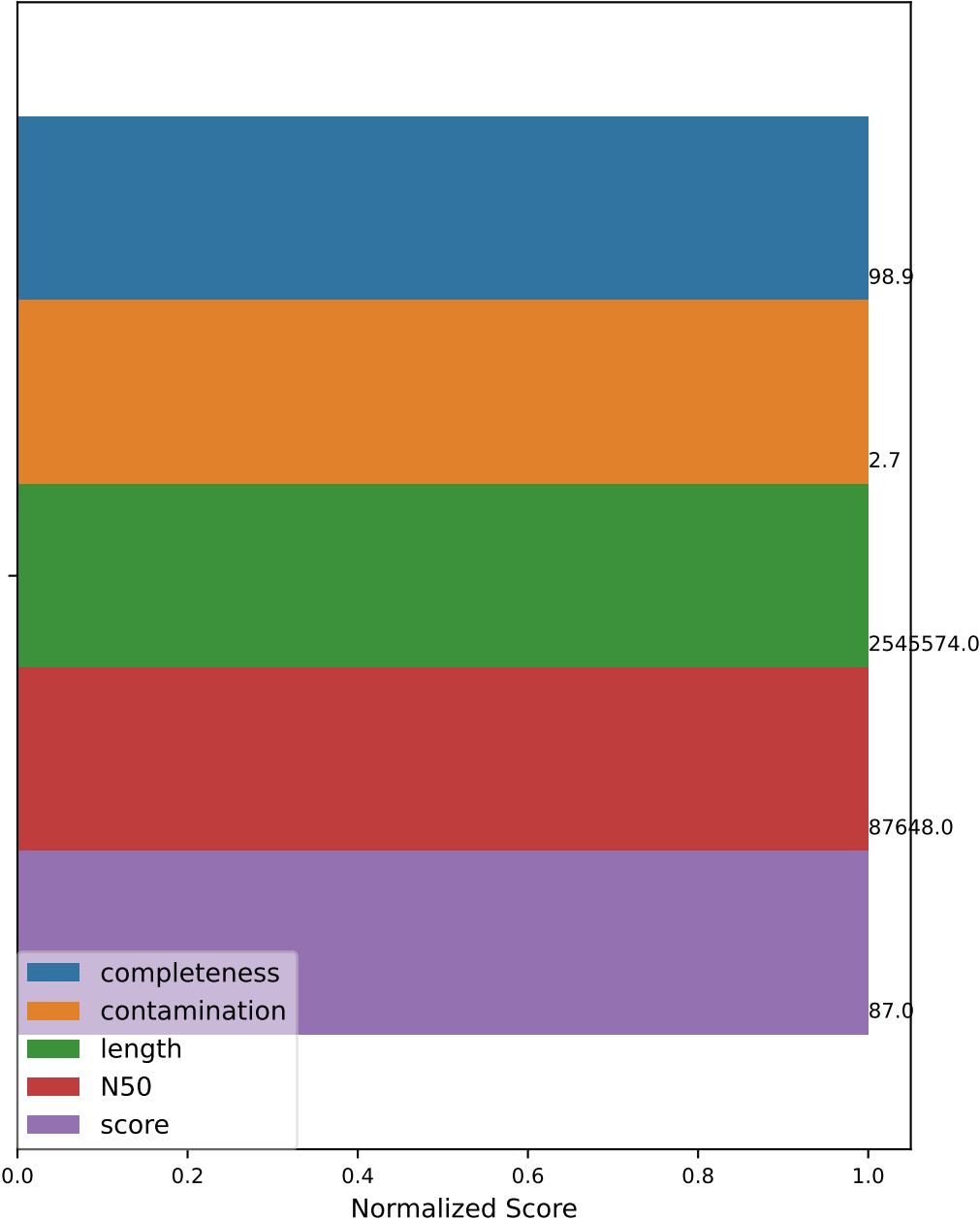
TOBG\_SP-179.fna \*



Scoring of cluster 193\_0

genome

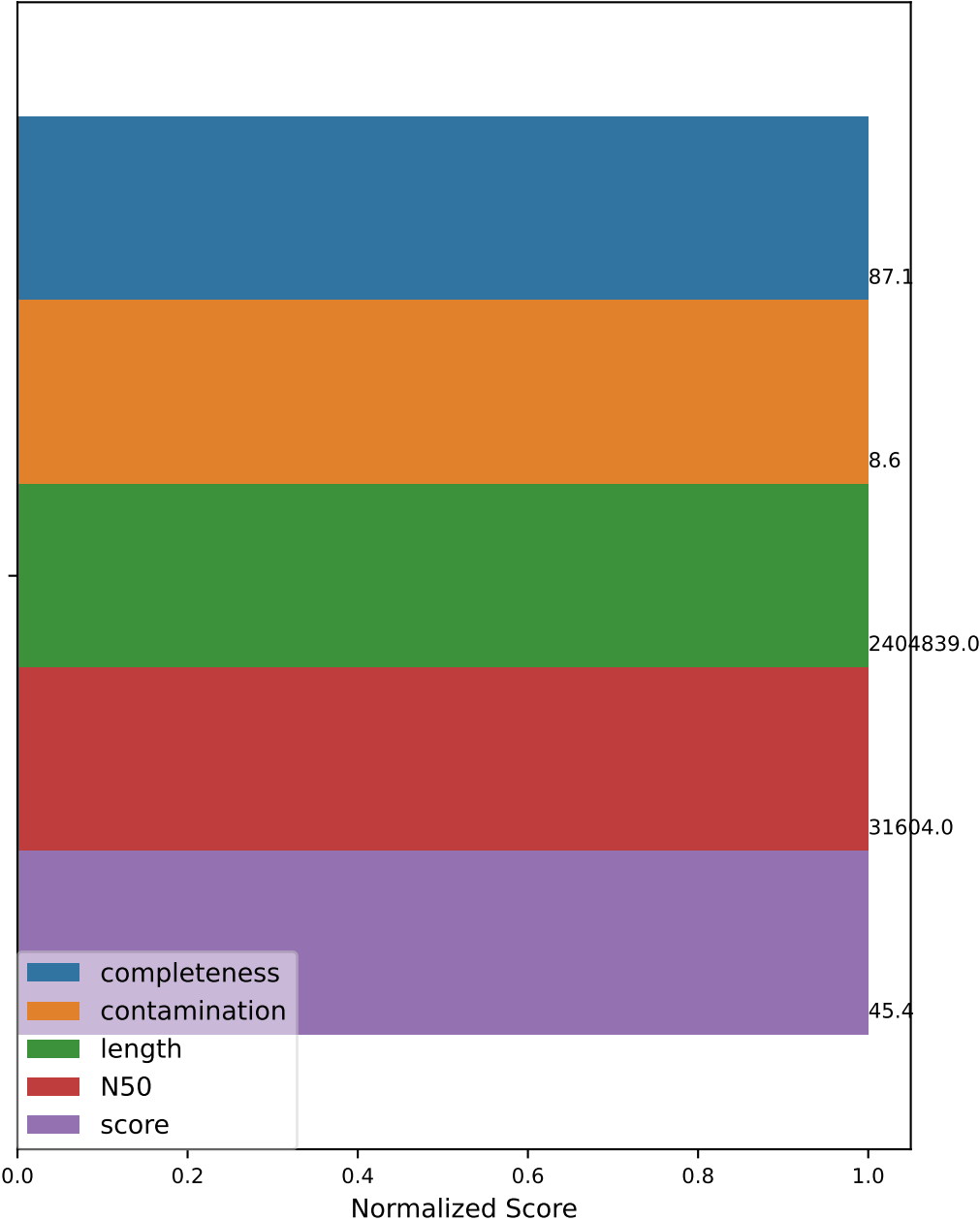
TOBG\_RS-697.fna \*



Scoring of cluster 194\_0

genome

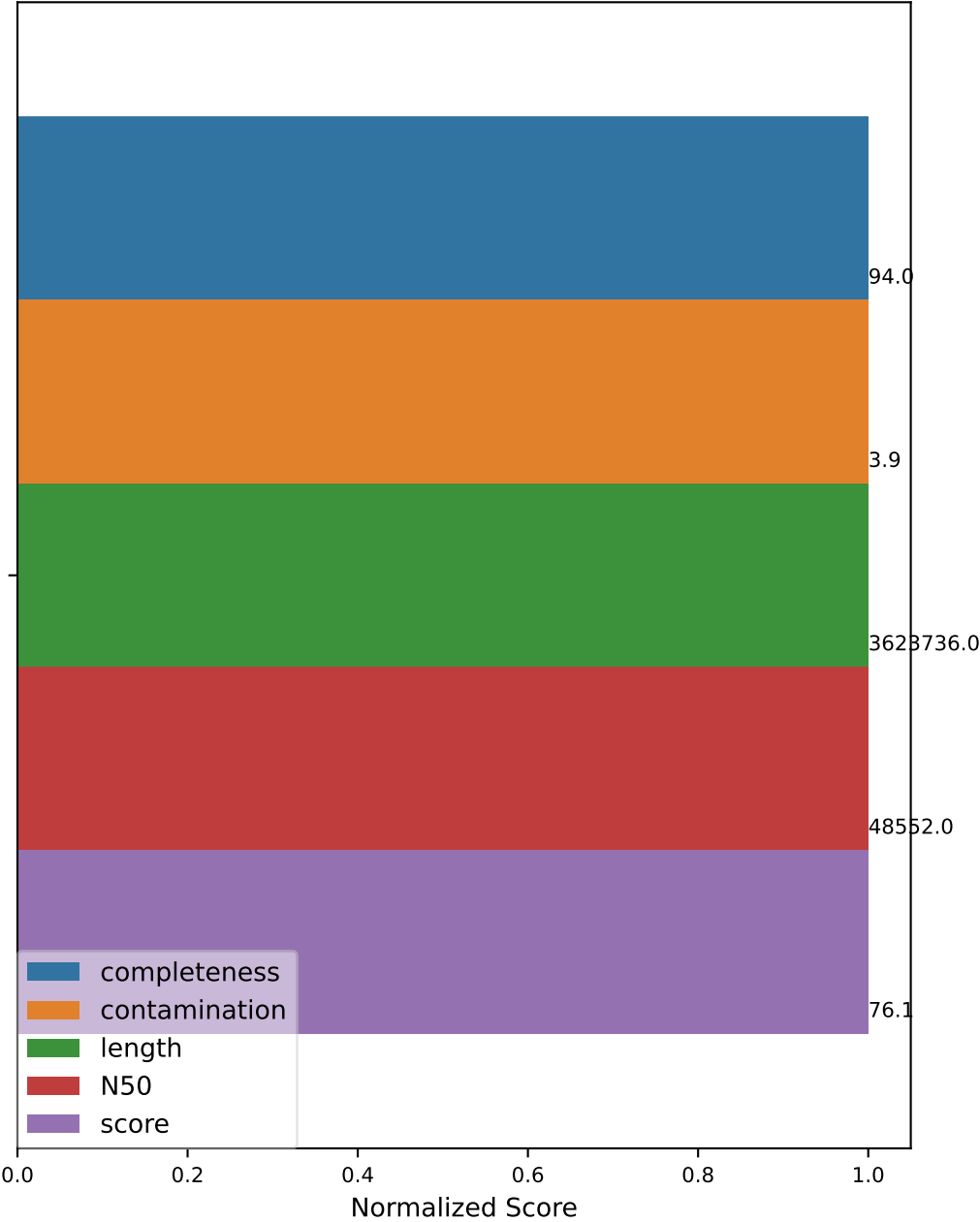
TOBG\_SAT-1434.fna \*



Scoring of cluster 195\_0

genome

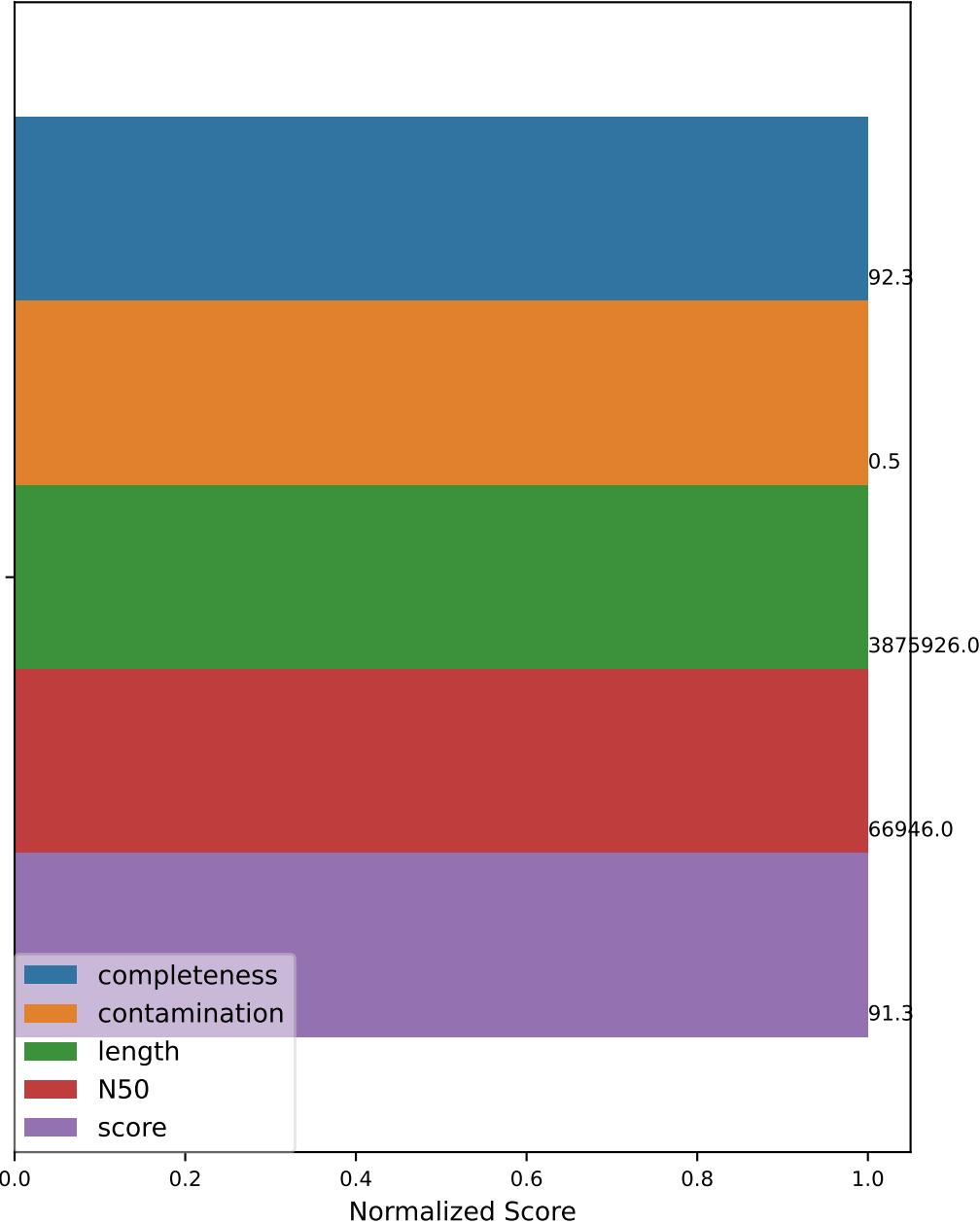
TOBG\_SAT-42.fna \*



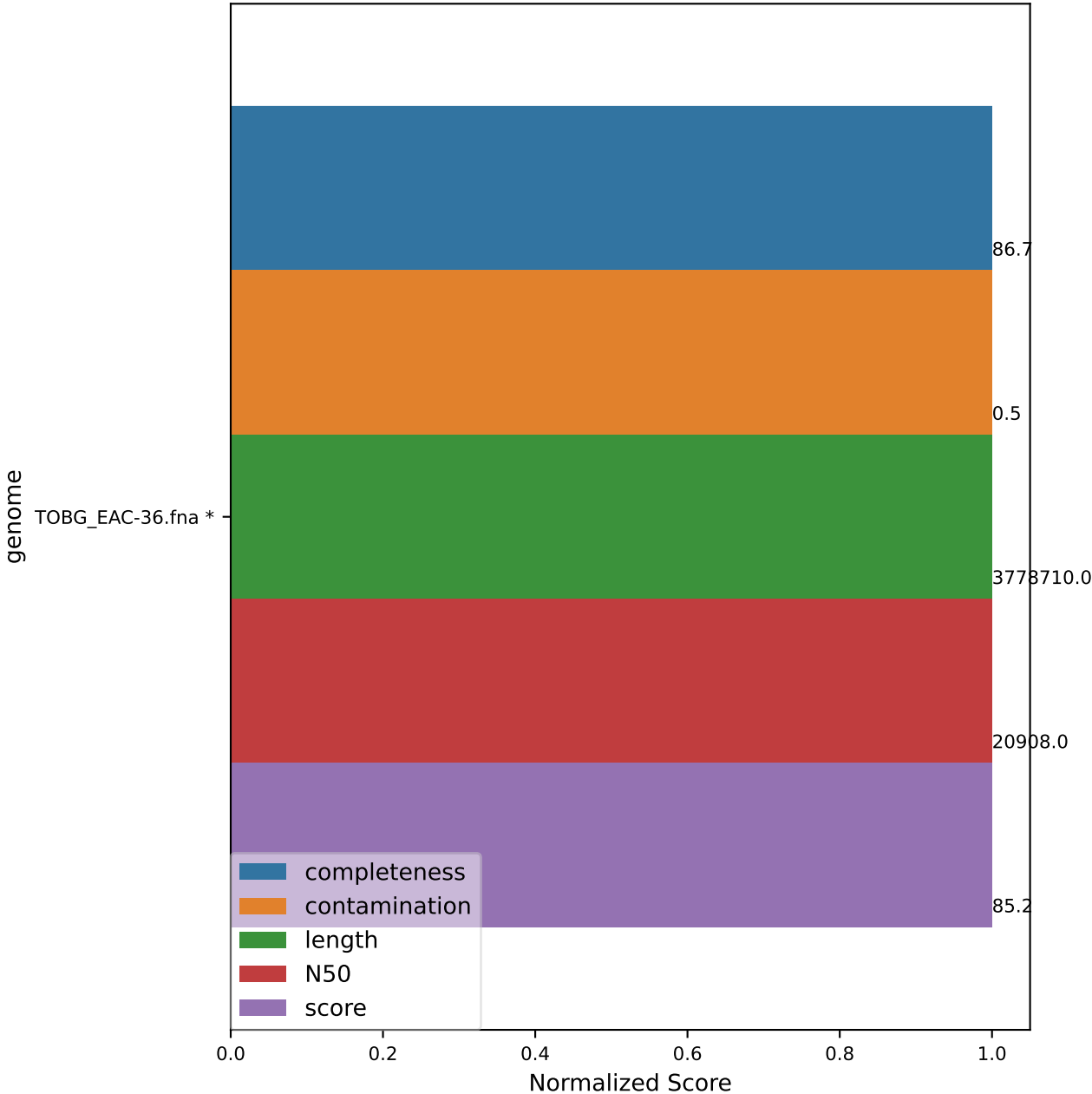
Scoring of cluster 196\_0

genome

TOBG\_SP-125.fna \*



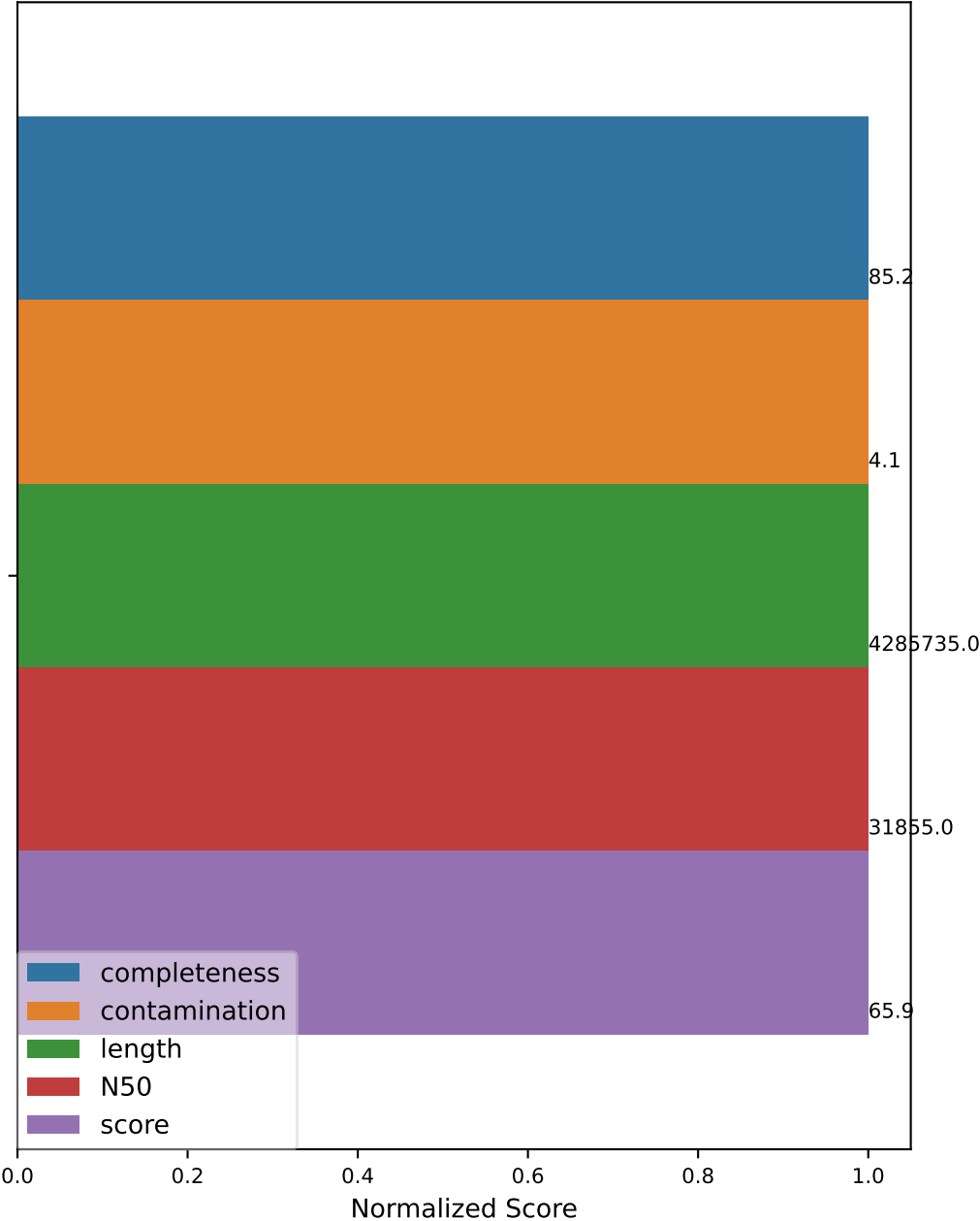
Scoring of cluster 197\_0



Scoring of cluster 198\_0

genome

TOBG\_ARS-31.fna \*

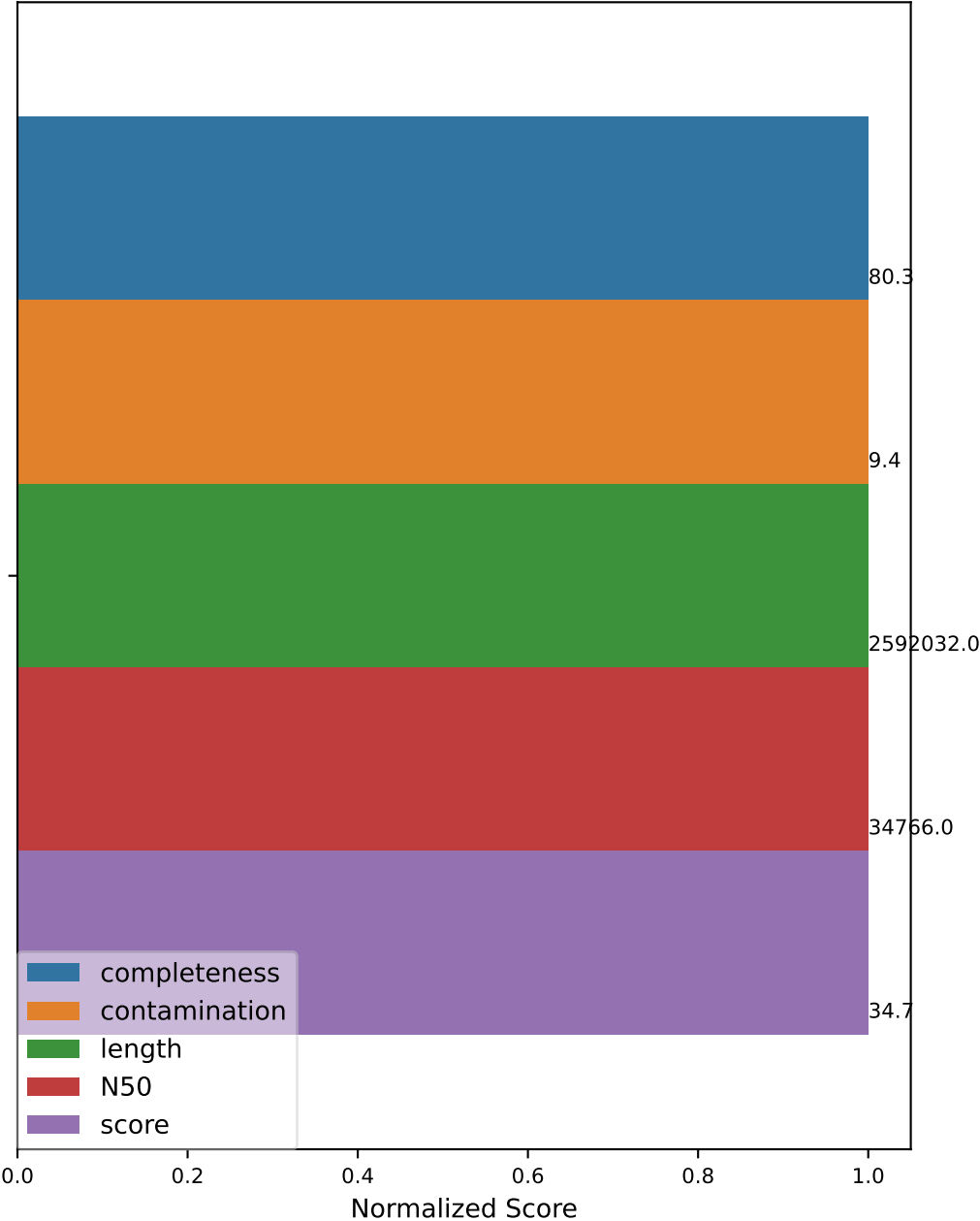




Scoring of cluster 199\_0

genome

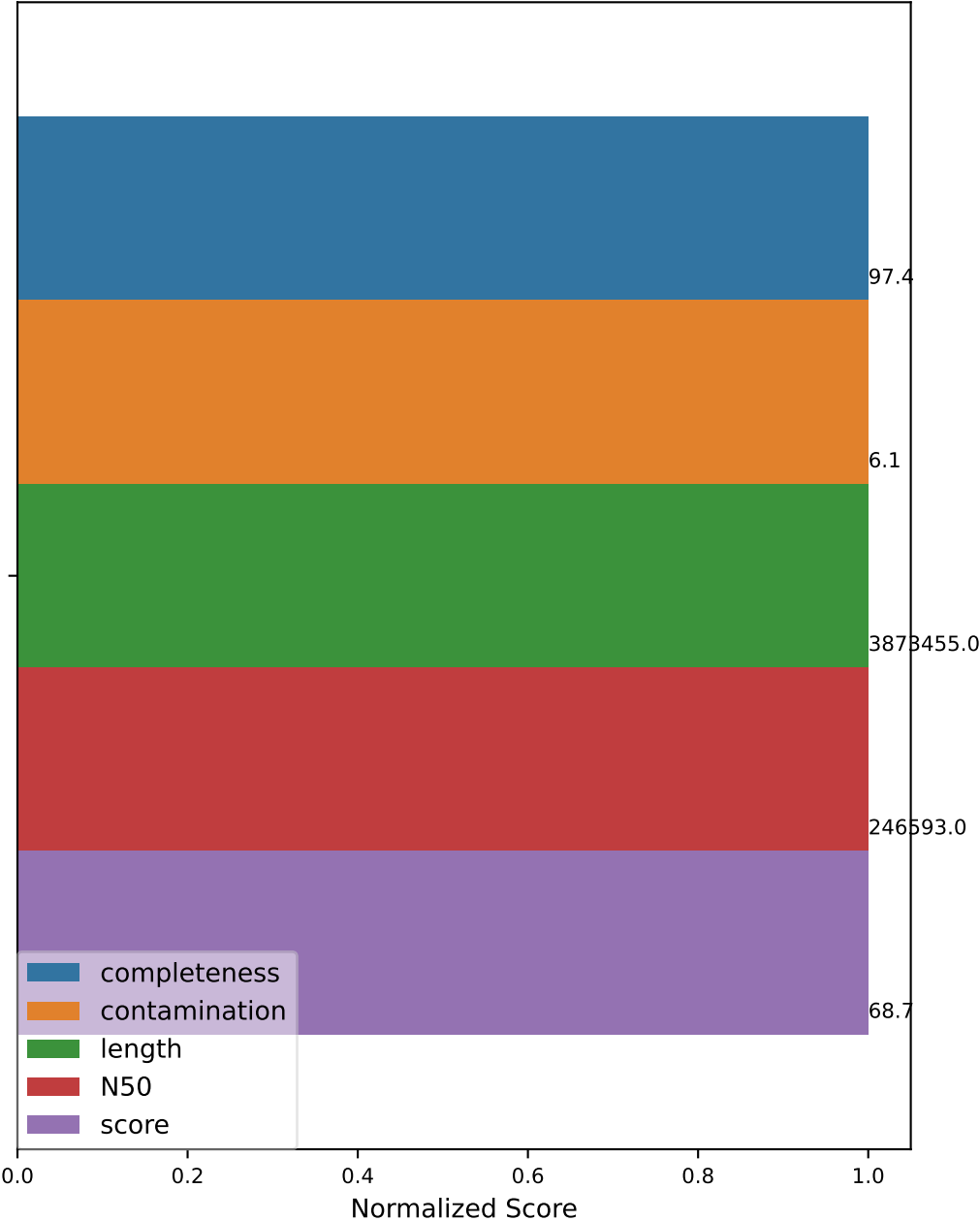
TOBG\_IN-1311.fna \*



Scoring of cluster 200\_0

genome

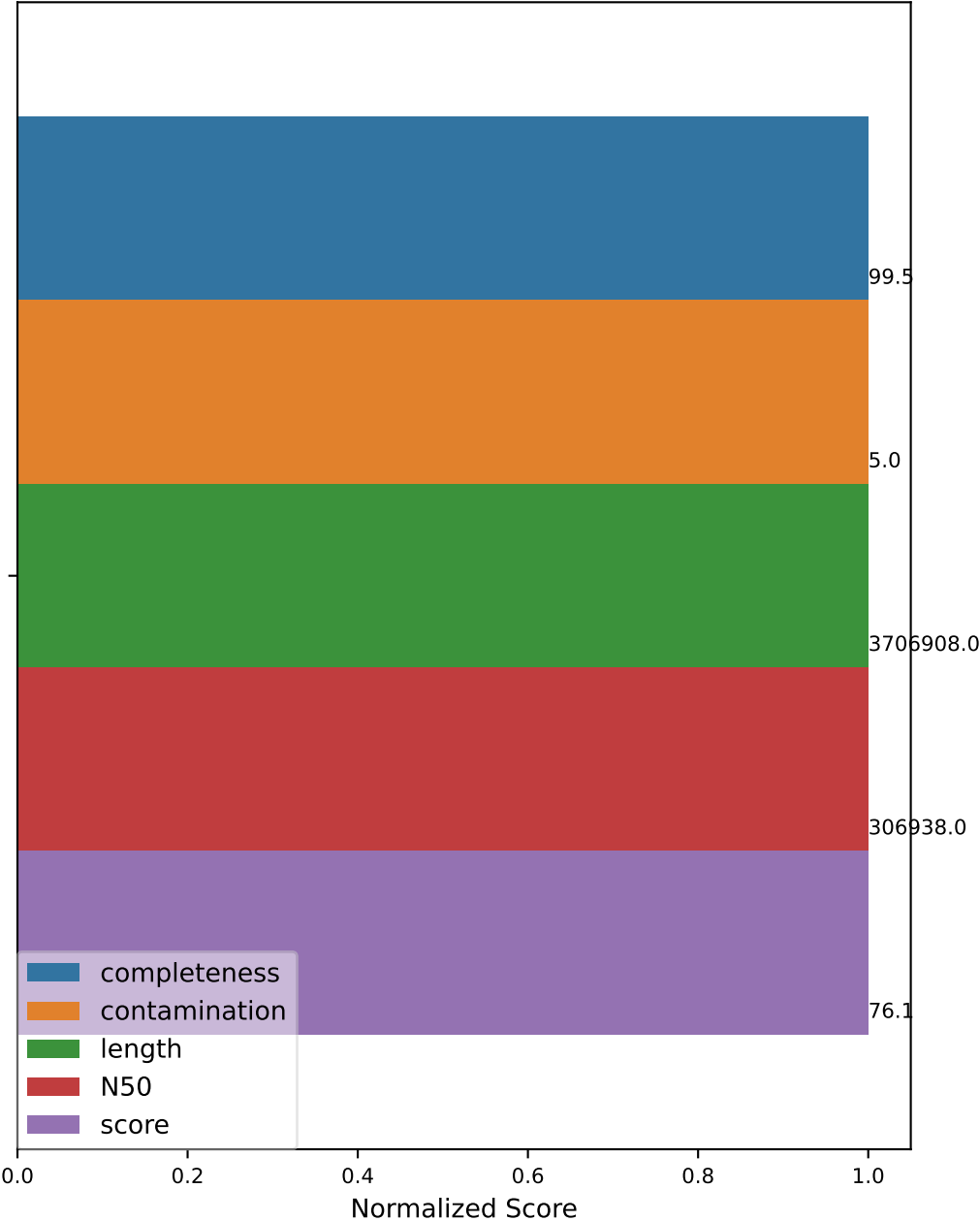
TOBG\_SP-275.fna \*



Scoring of cluster 201\_1

genome

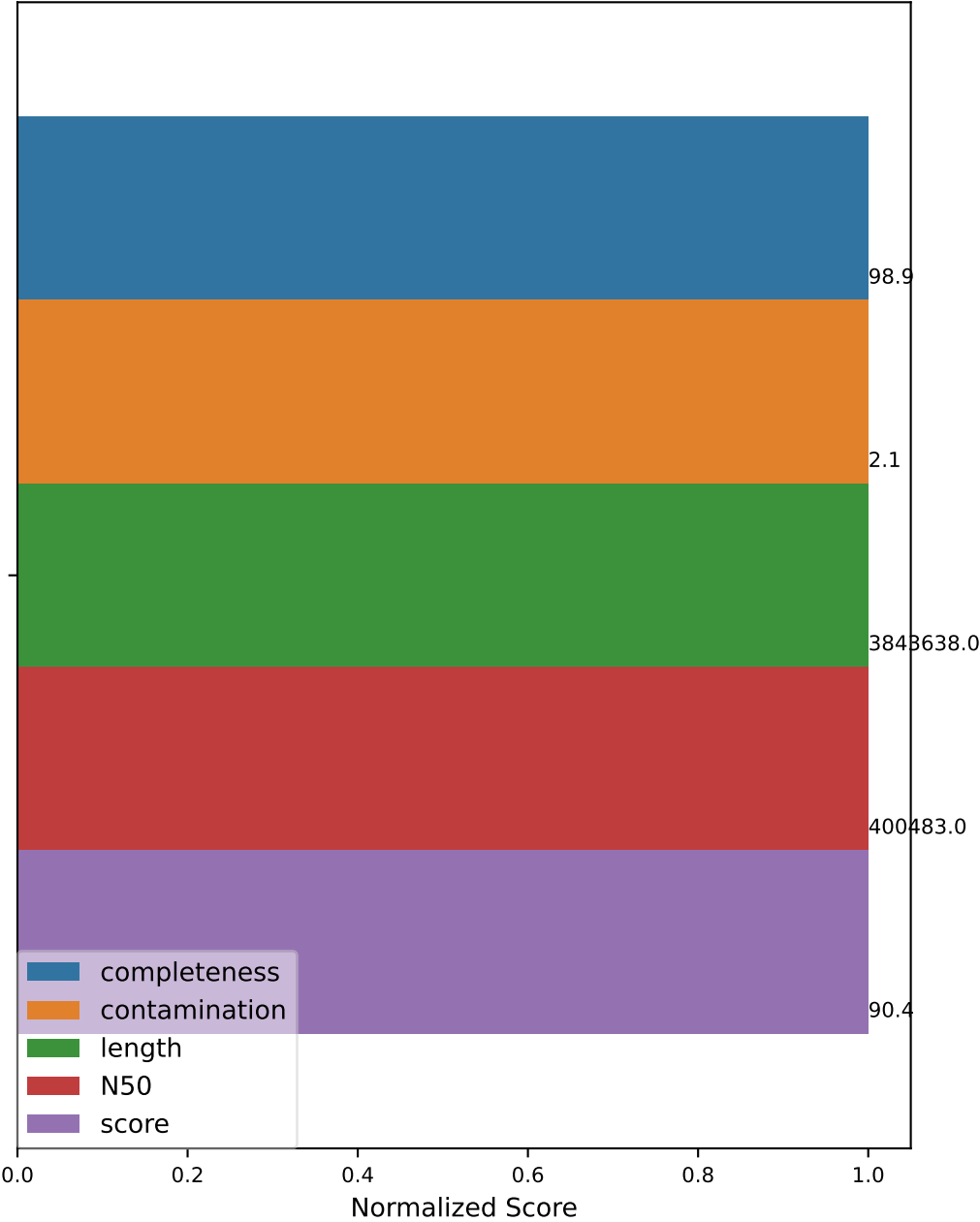
TOBG\_MED-624.fna \*



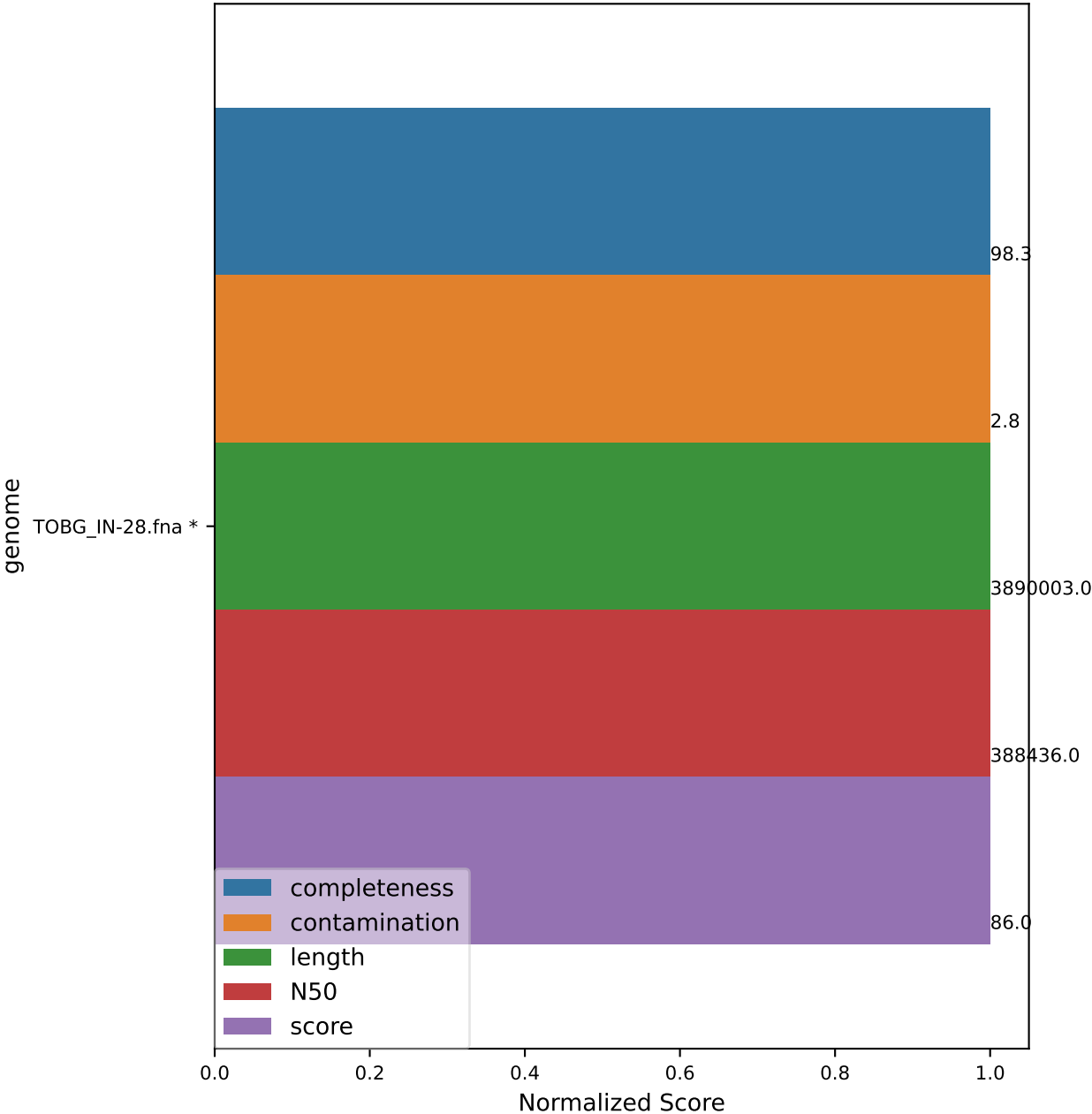
Scoring of cluster 201\_2

genome

TOBG\_SP-186.fna \*



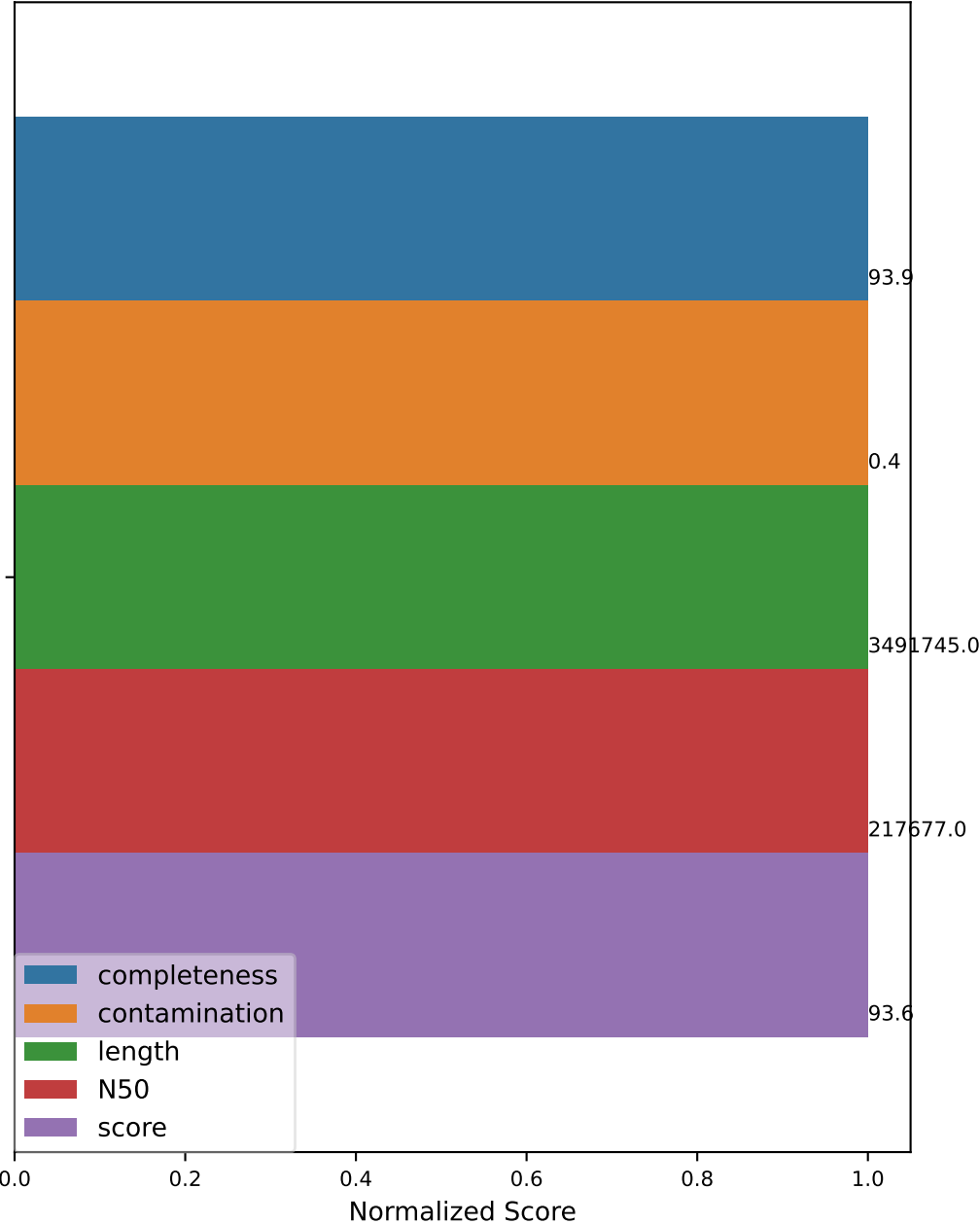
Scoring of cluster 202\_0



Scoring of cluster 203\_0

genome

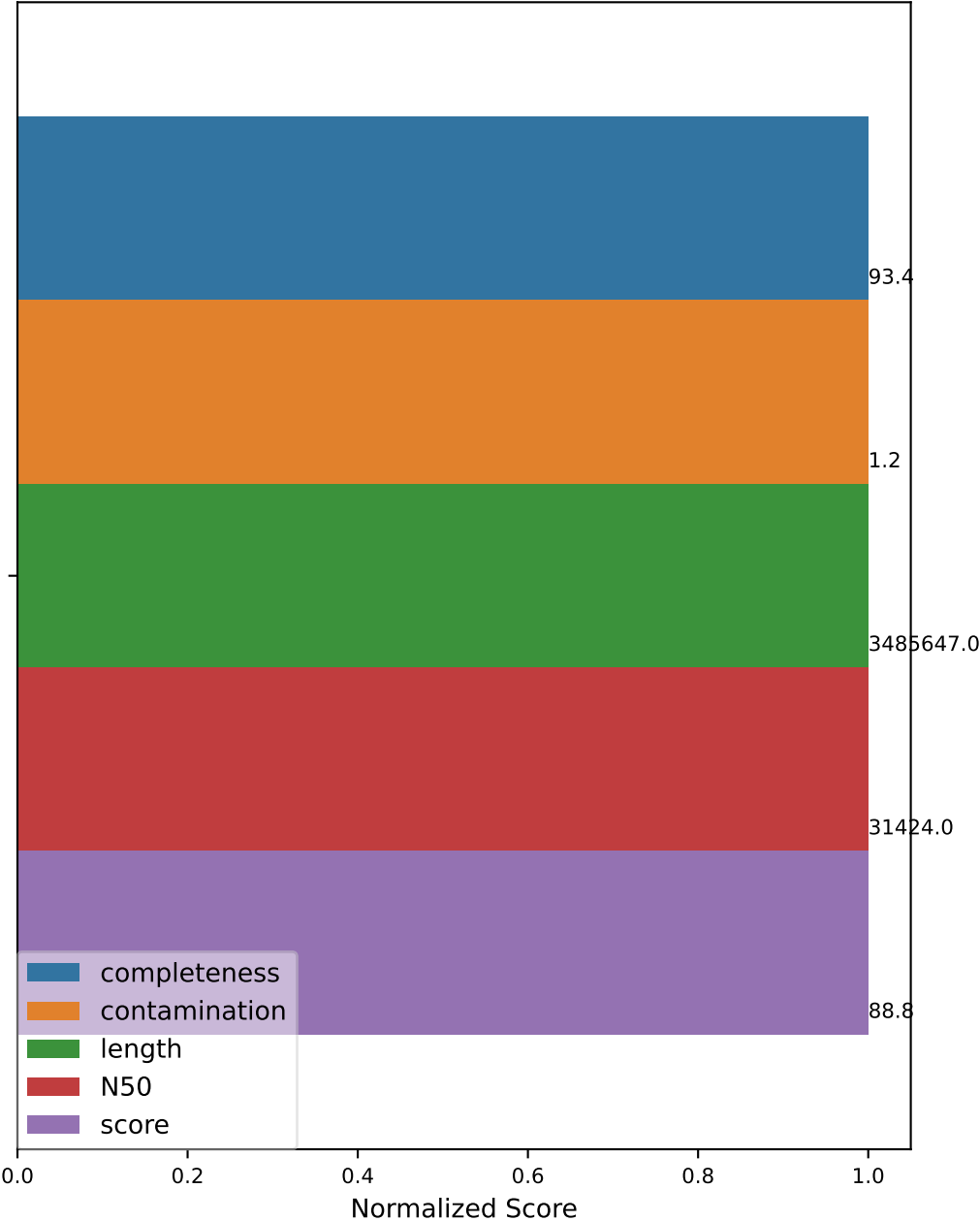
TOBG\_MED-653.fna \*

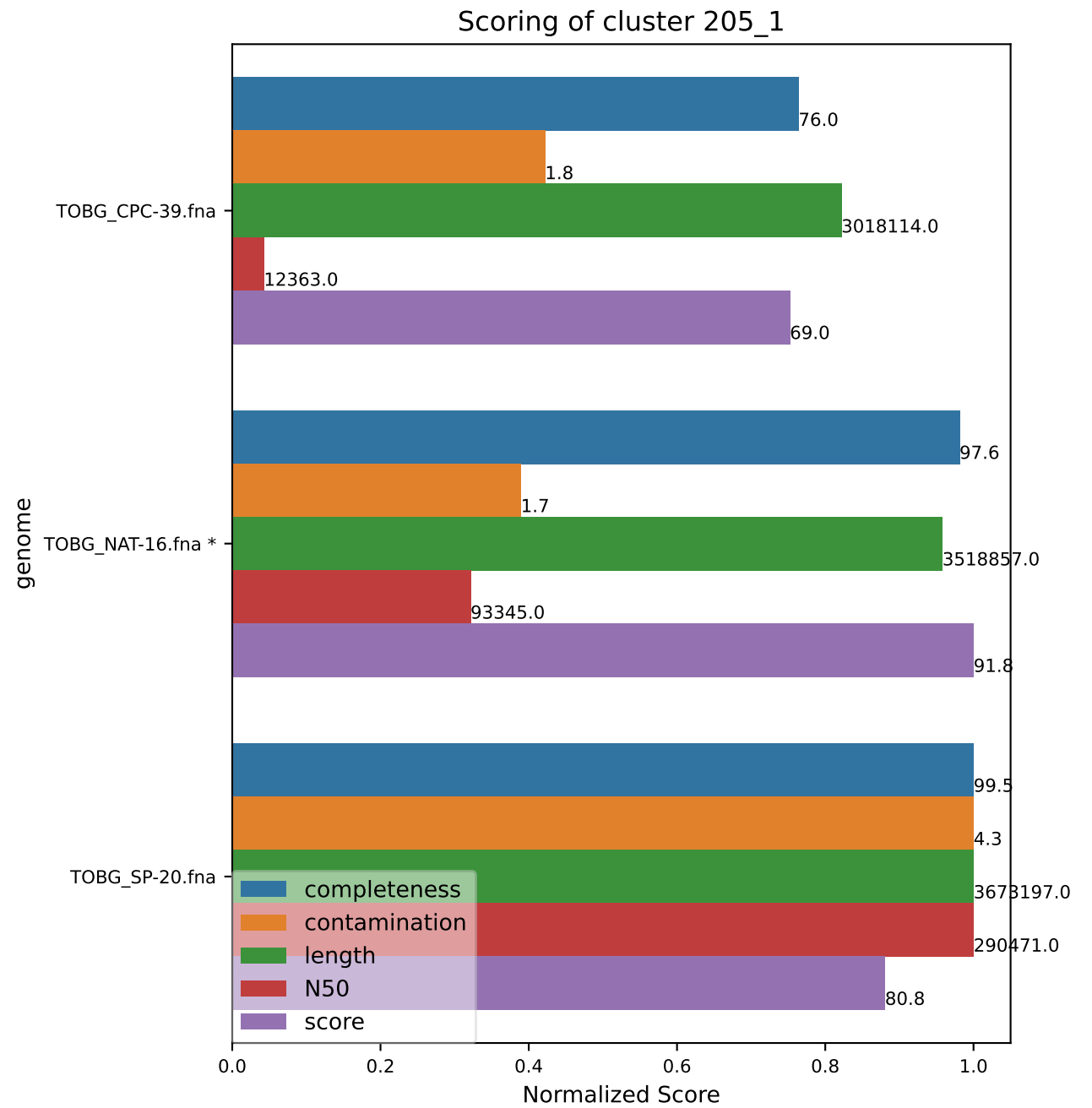


Scoring of cluster 204\_0

genome

TOBG\_NAT-89.fna \*



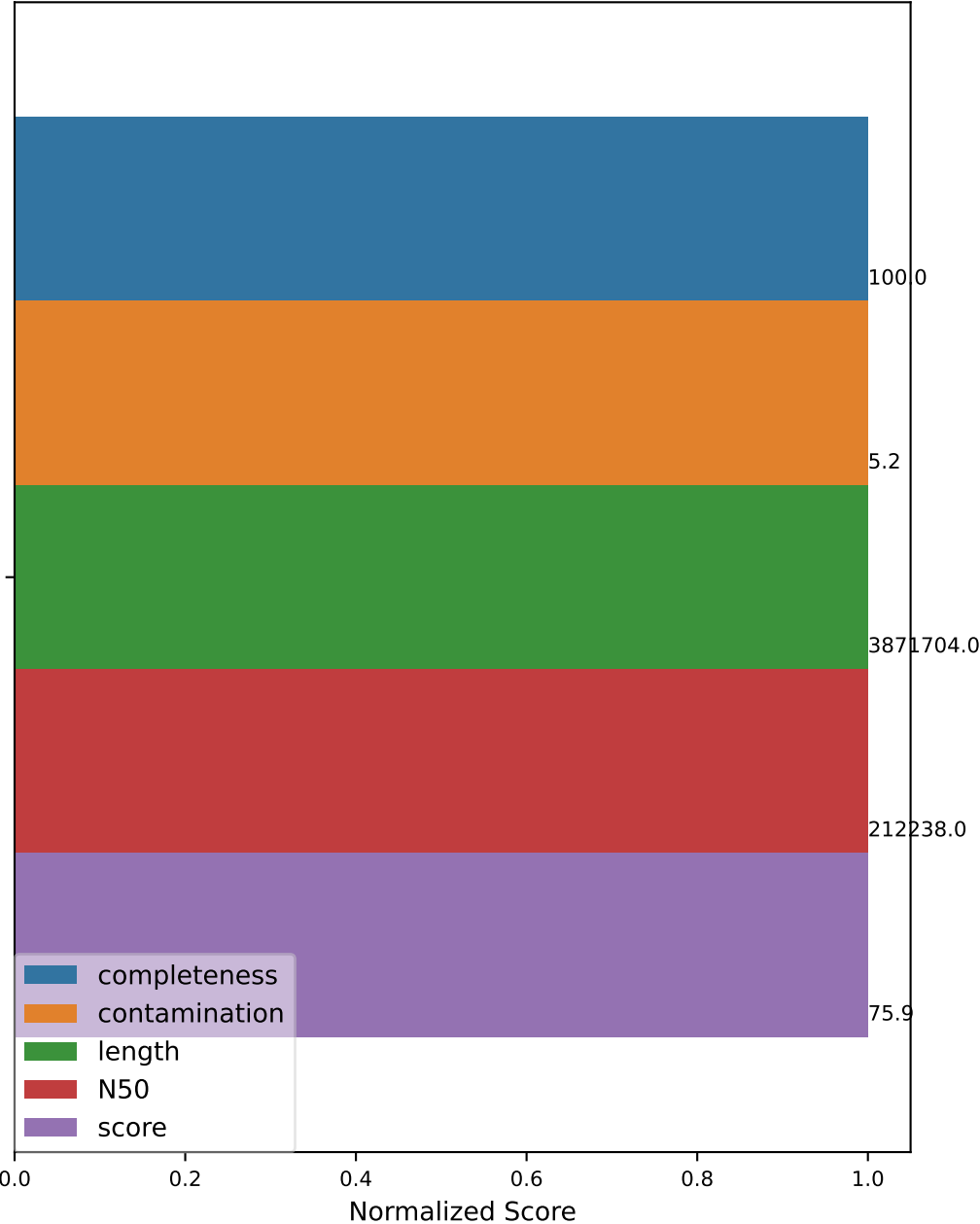




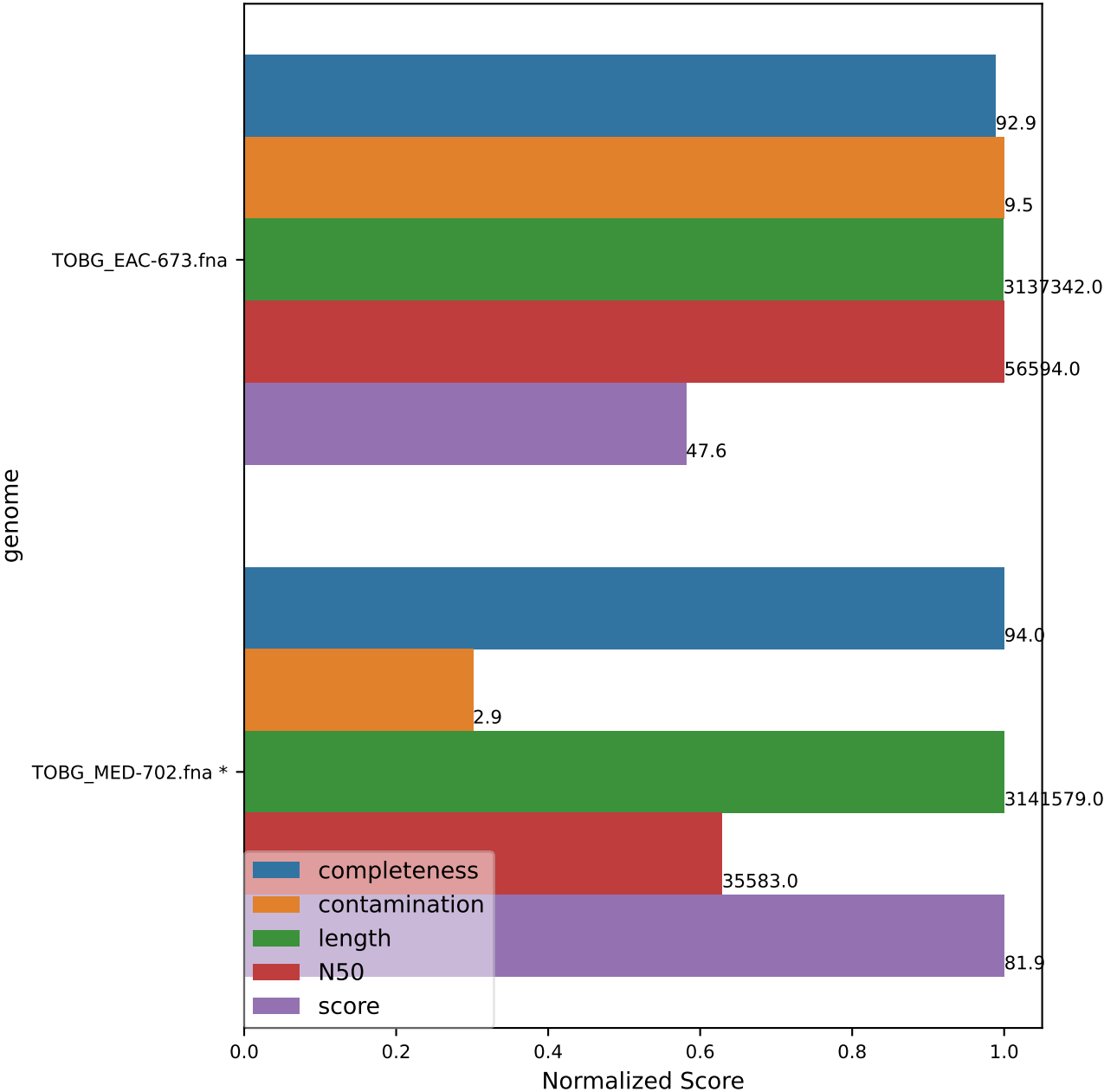
Scoring of cluster 206\_0

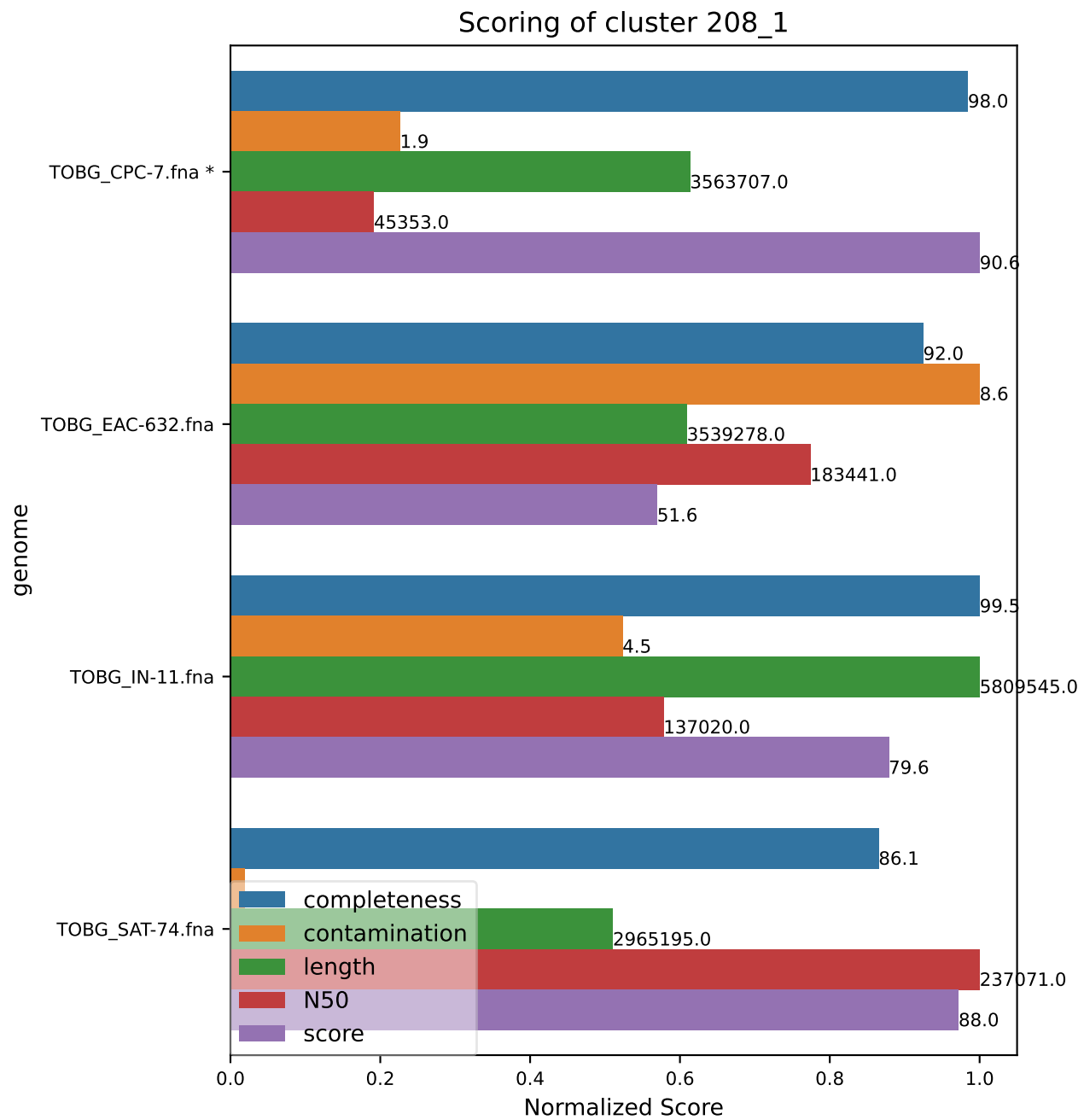
genome

TOBG\_SP-144.fna \*



Scoring of cluster 207\_1

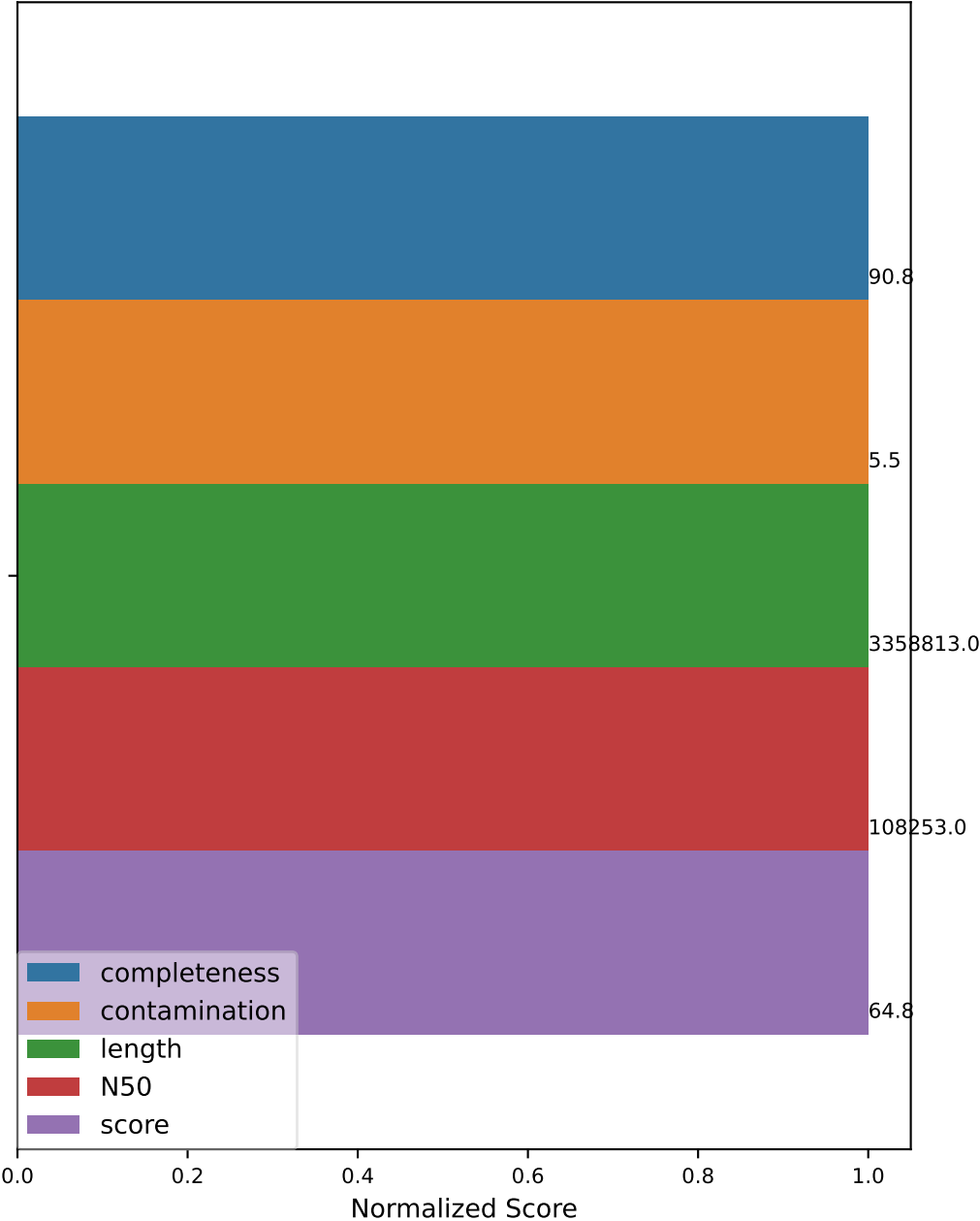


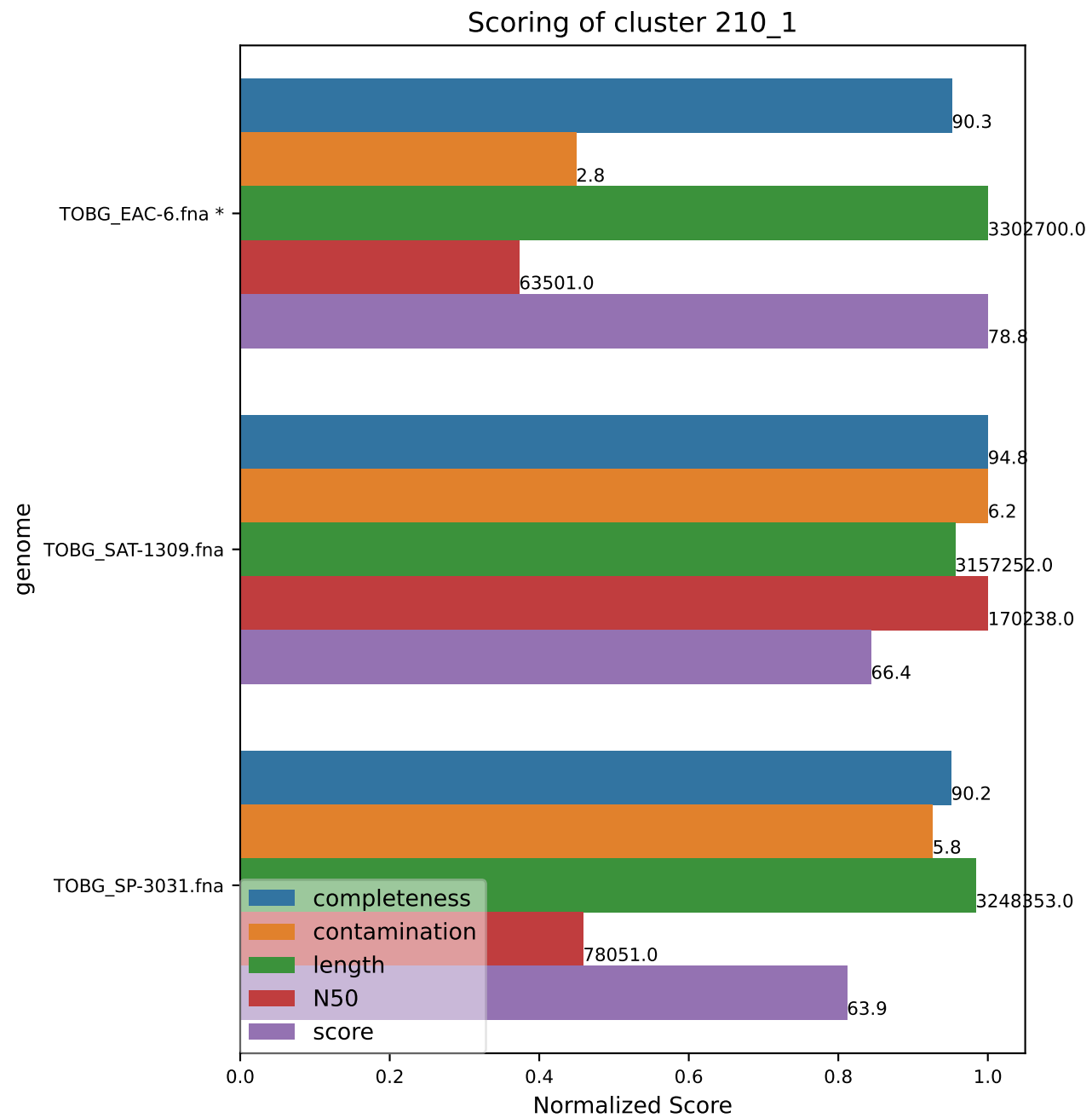


Scoring of cluster 209\_0

genome

TOBG\_EAC-631.fna \*

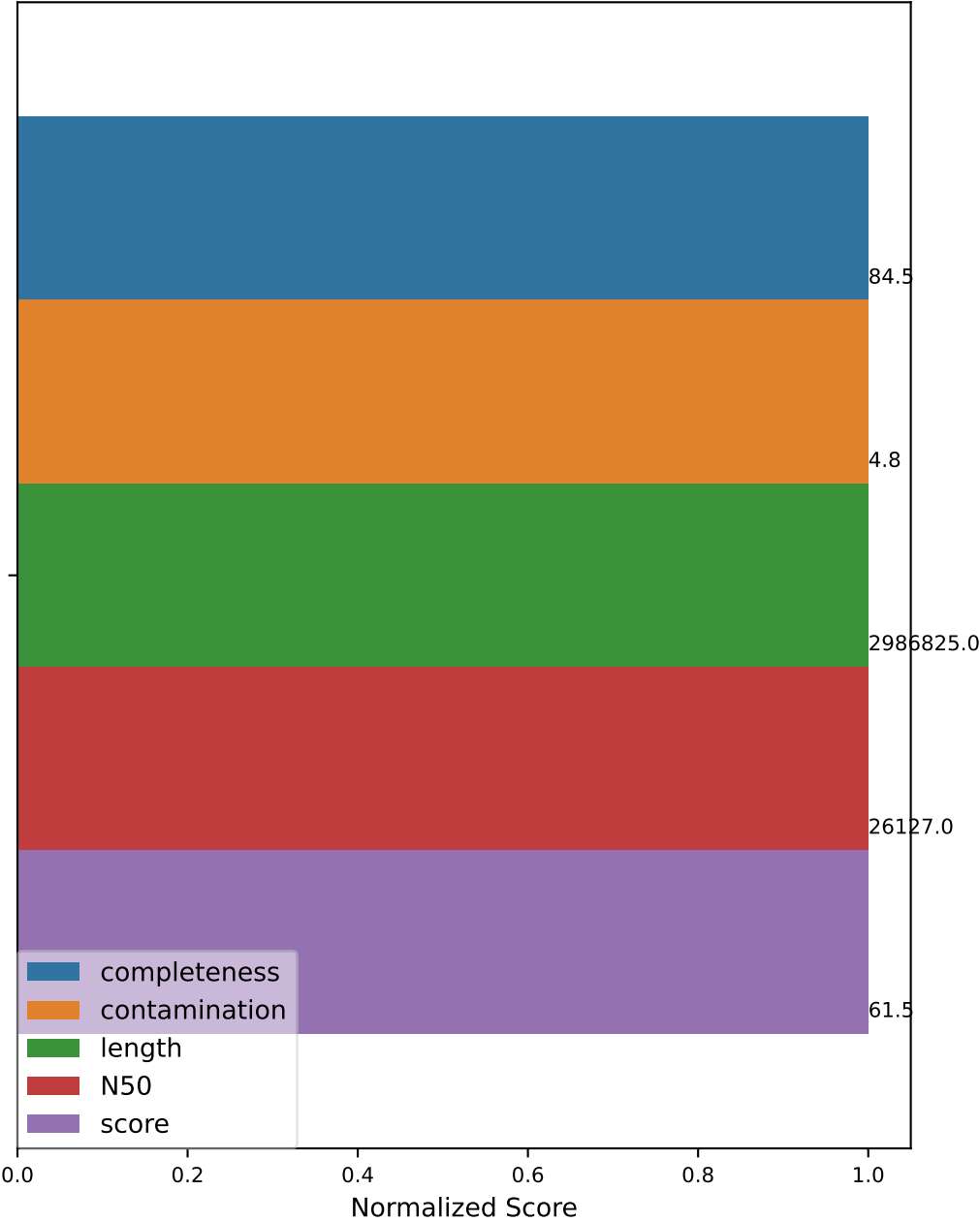




Scoring of cluster 211\_0

genome

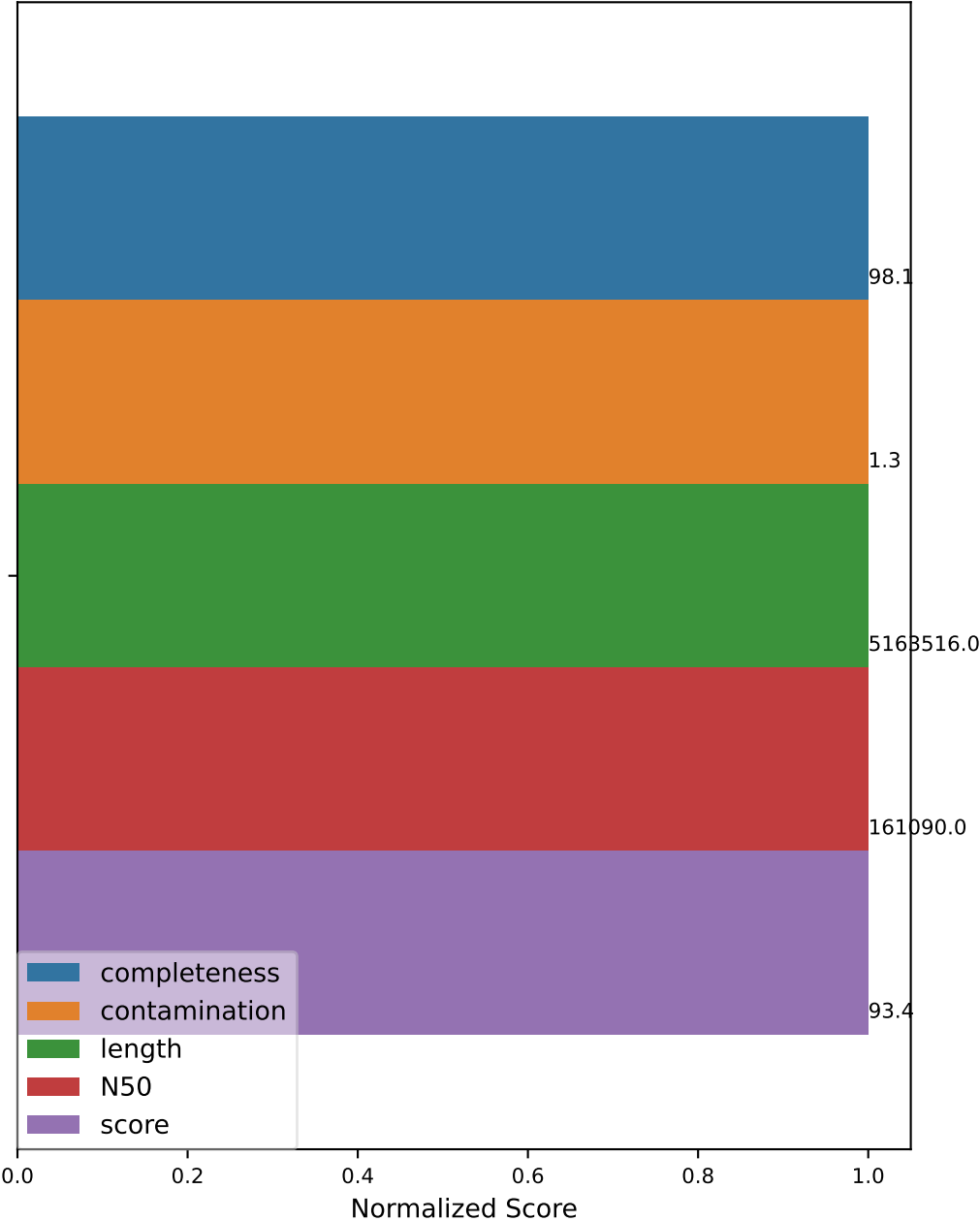
TOBG\_NAT-113.fna \*



Scoring of cluster 212\_0

genome

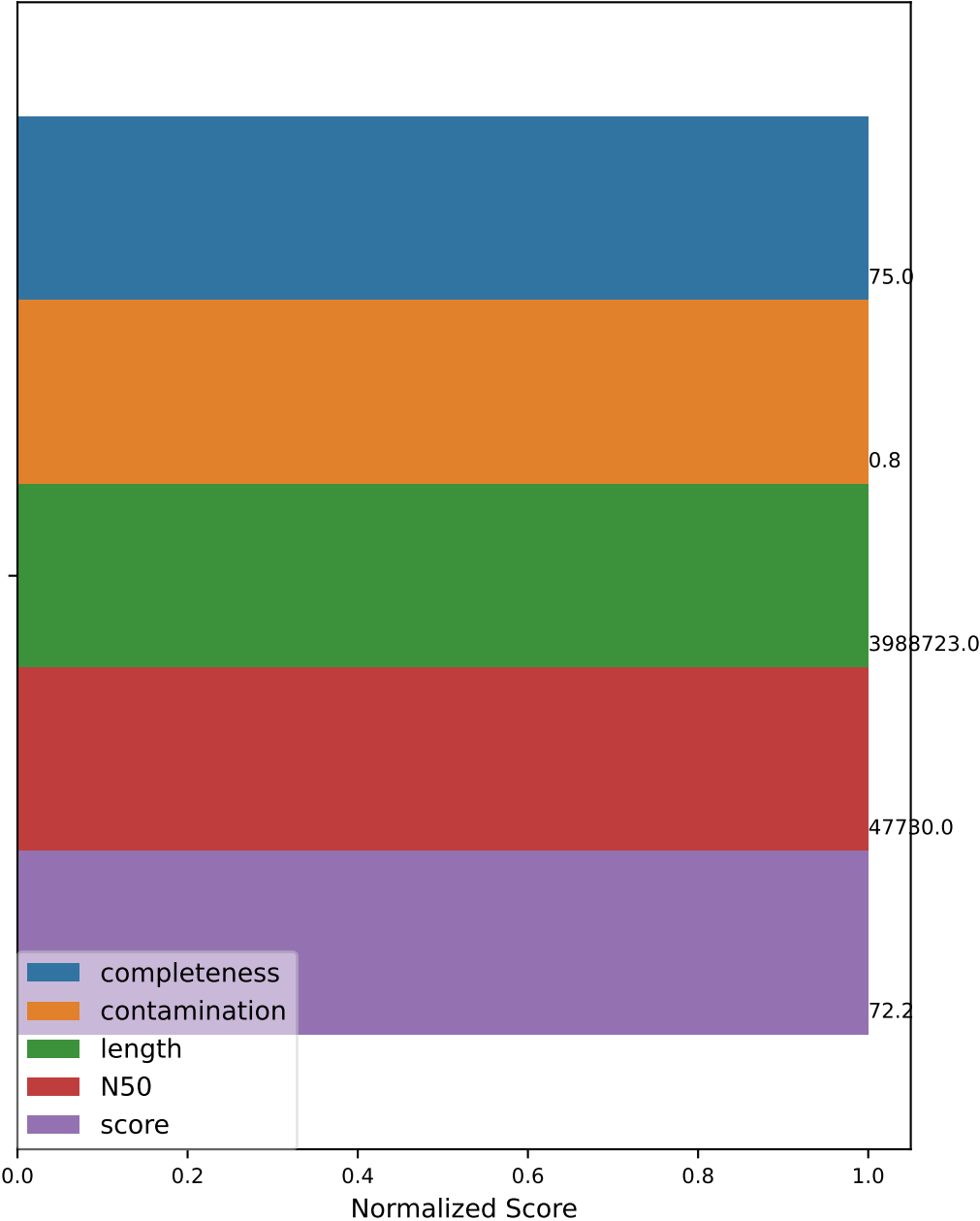
TOBG\_MED-728.fna \*



Scoring of cluster 213\_0

genome

TOBG\_SP-124.fna \*

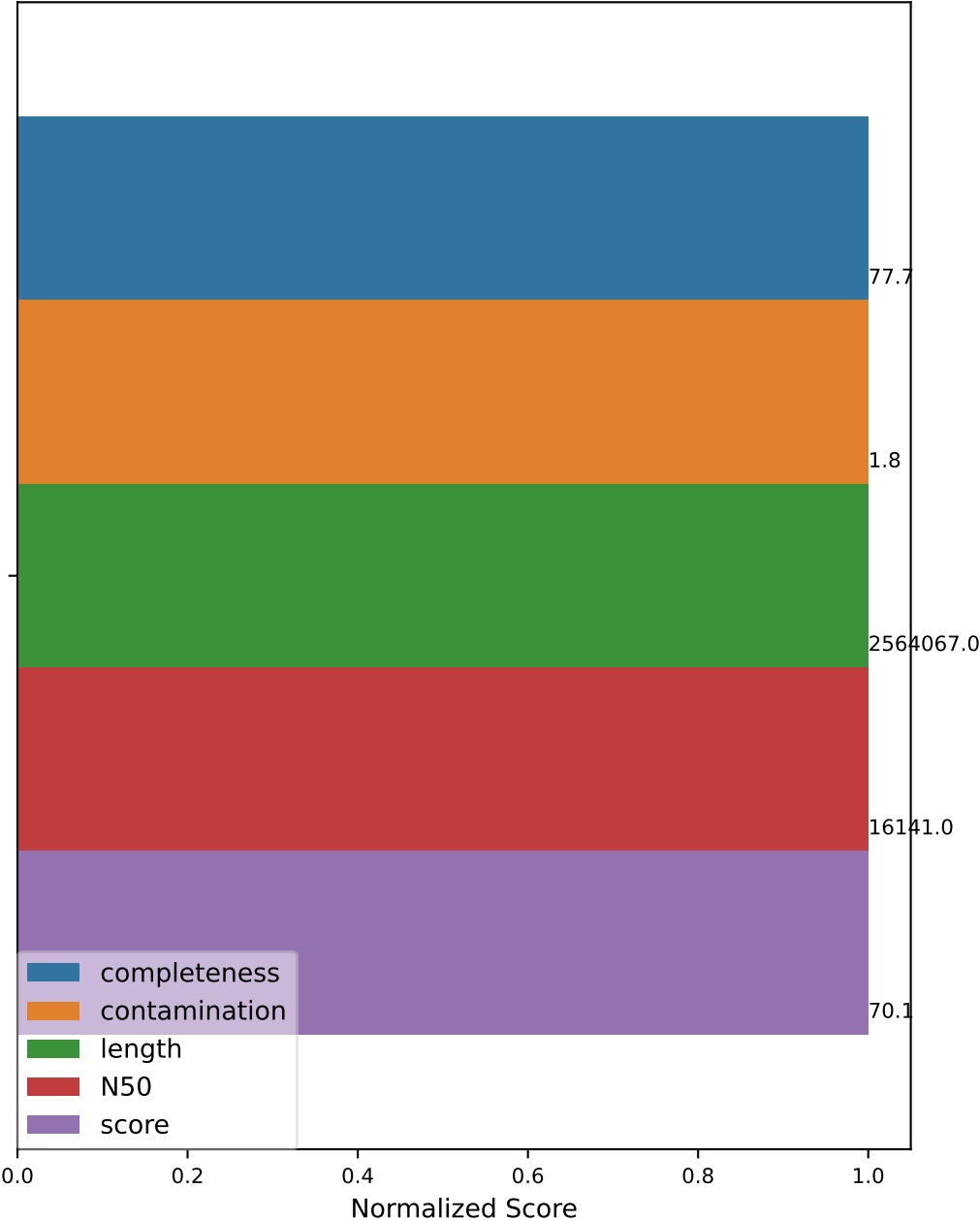




Scoring of cluster 214\_0

genome

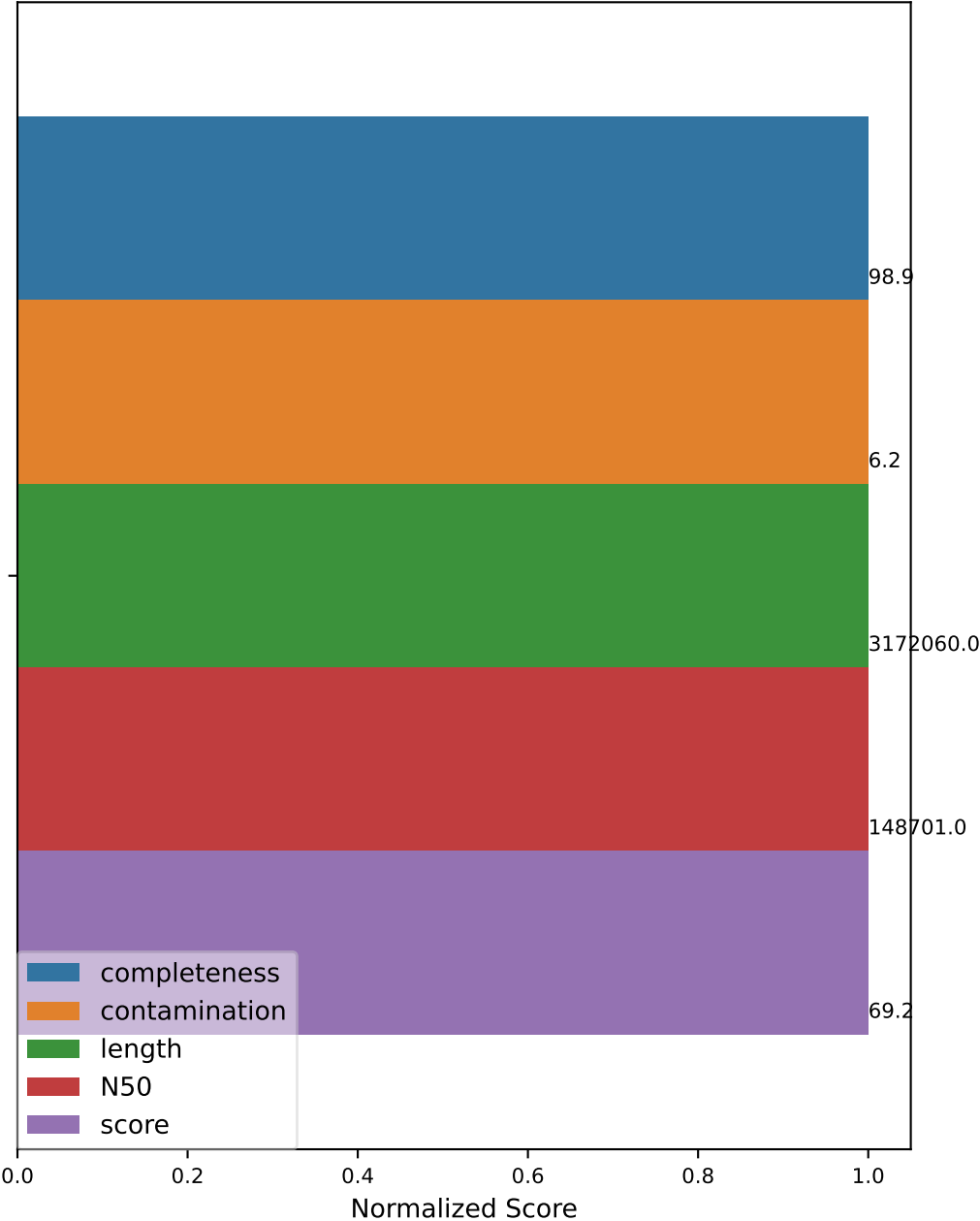
TOBG\_CPC-54.fna \*



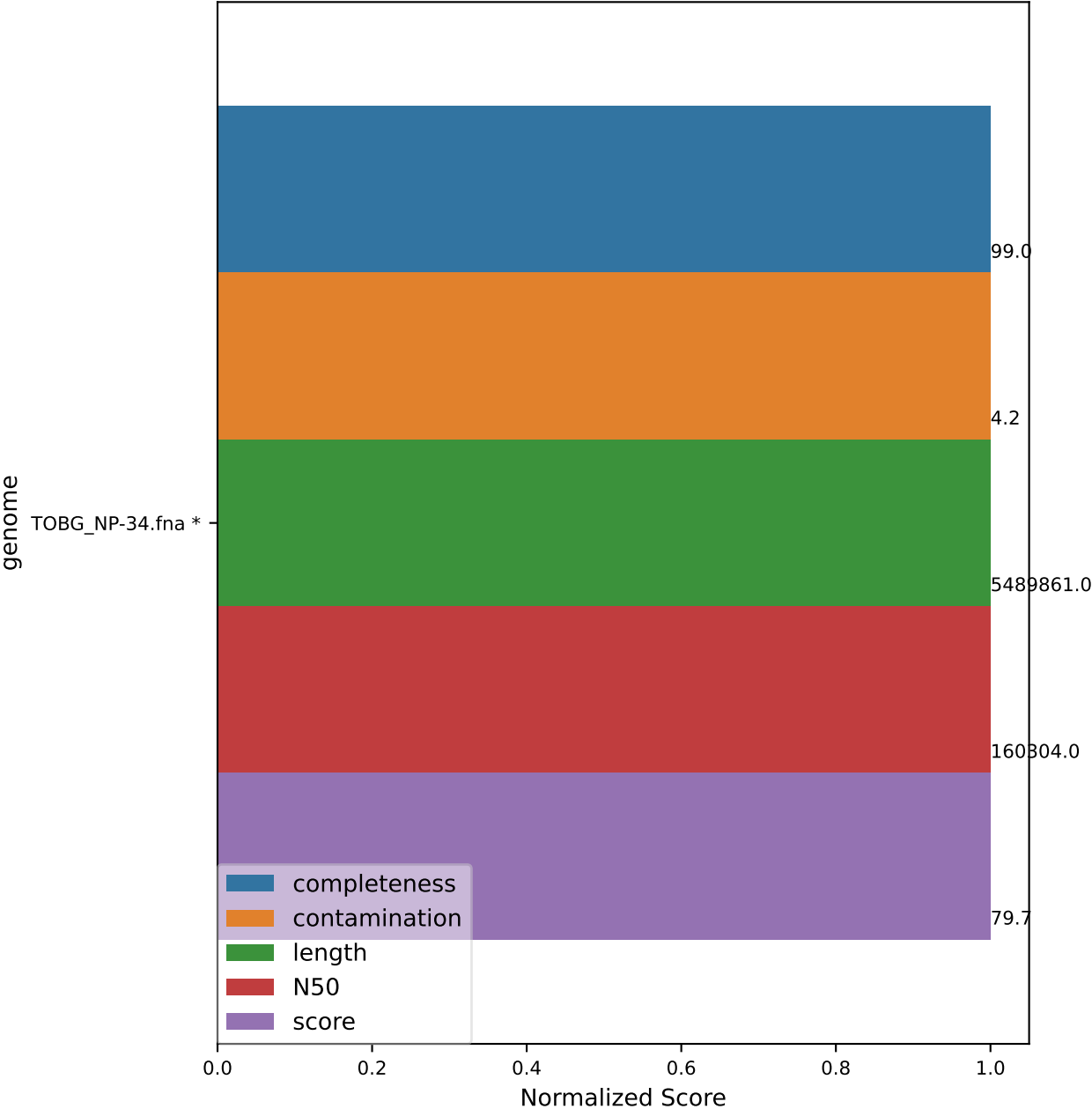
Scoring of cluster 215\_0

genome

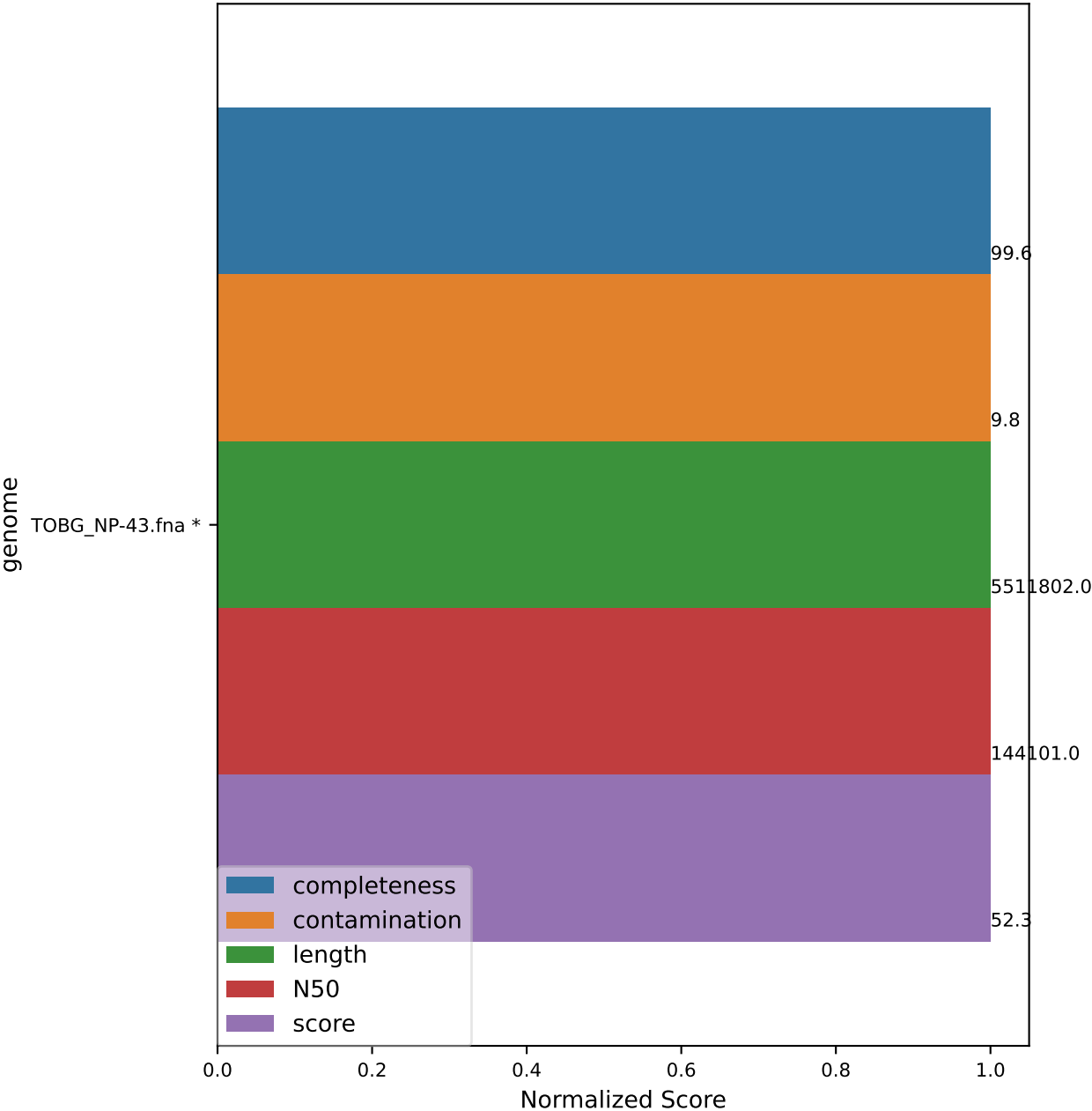
TOBG\_NAT-149.fna \*



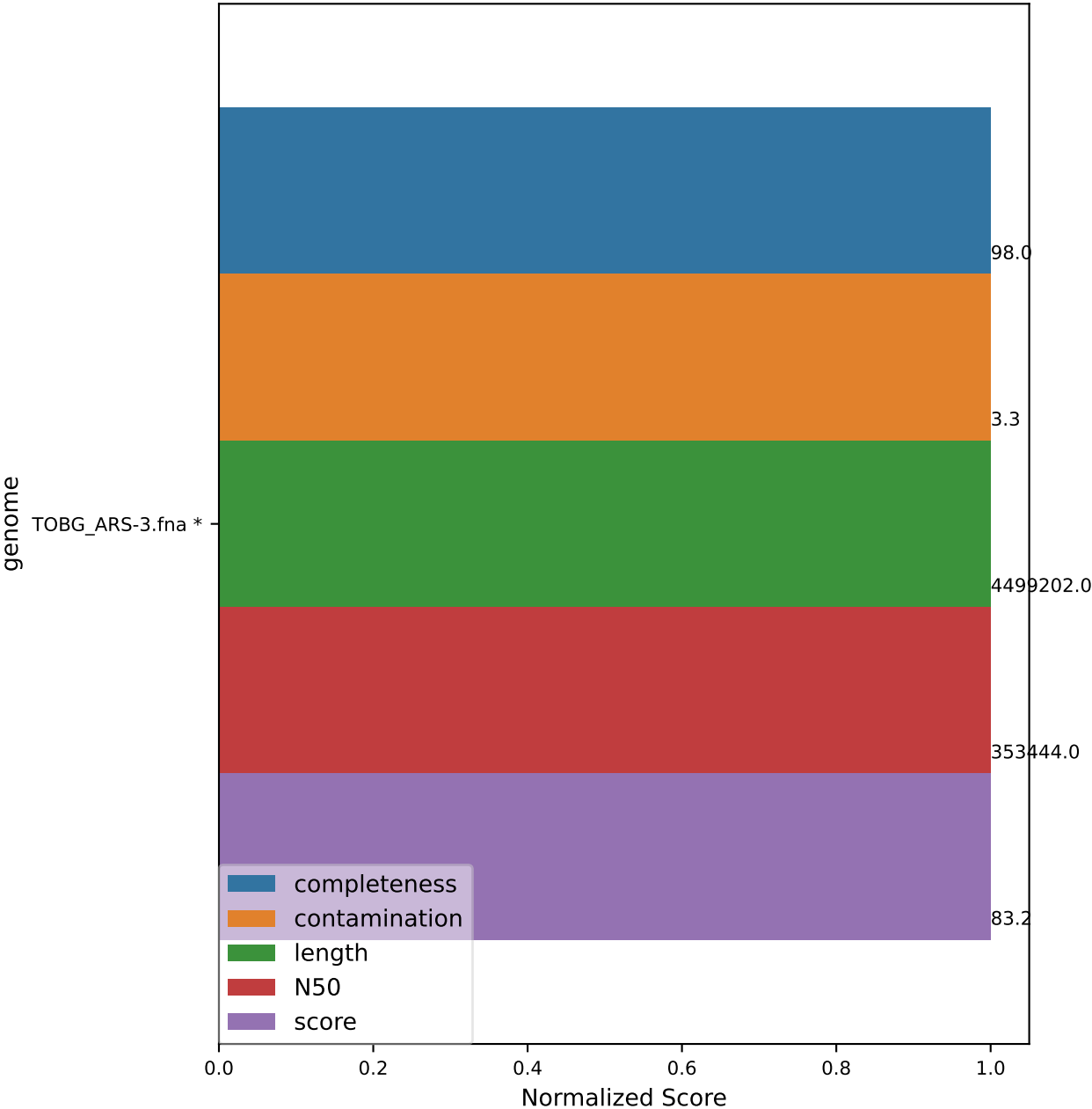
Scoring of cluster 216\_0



Scoring of cluster 217\_0



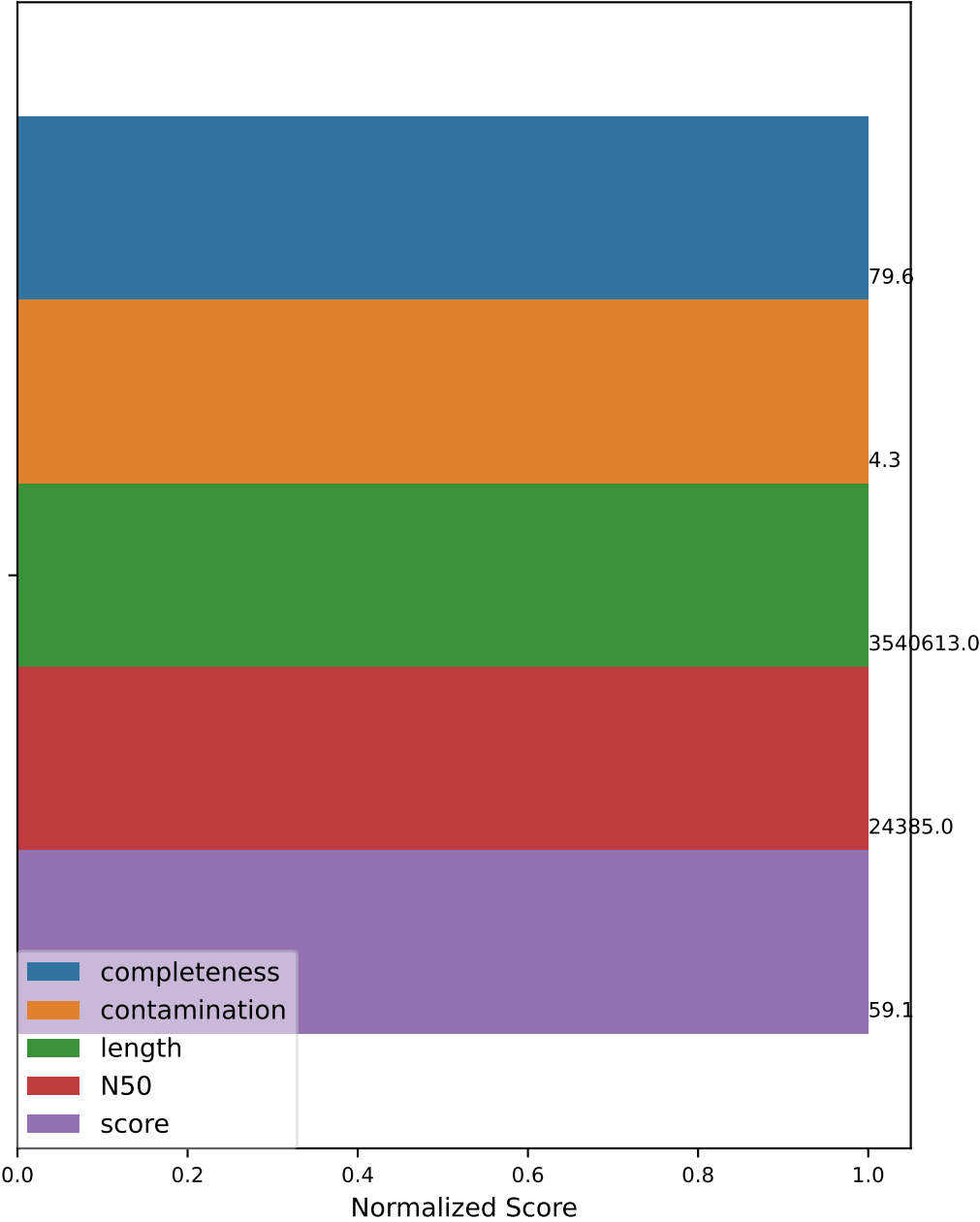
Scoring of cluster 218\_0

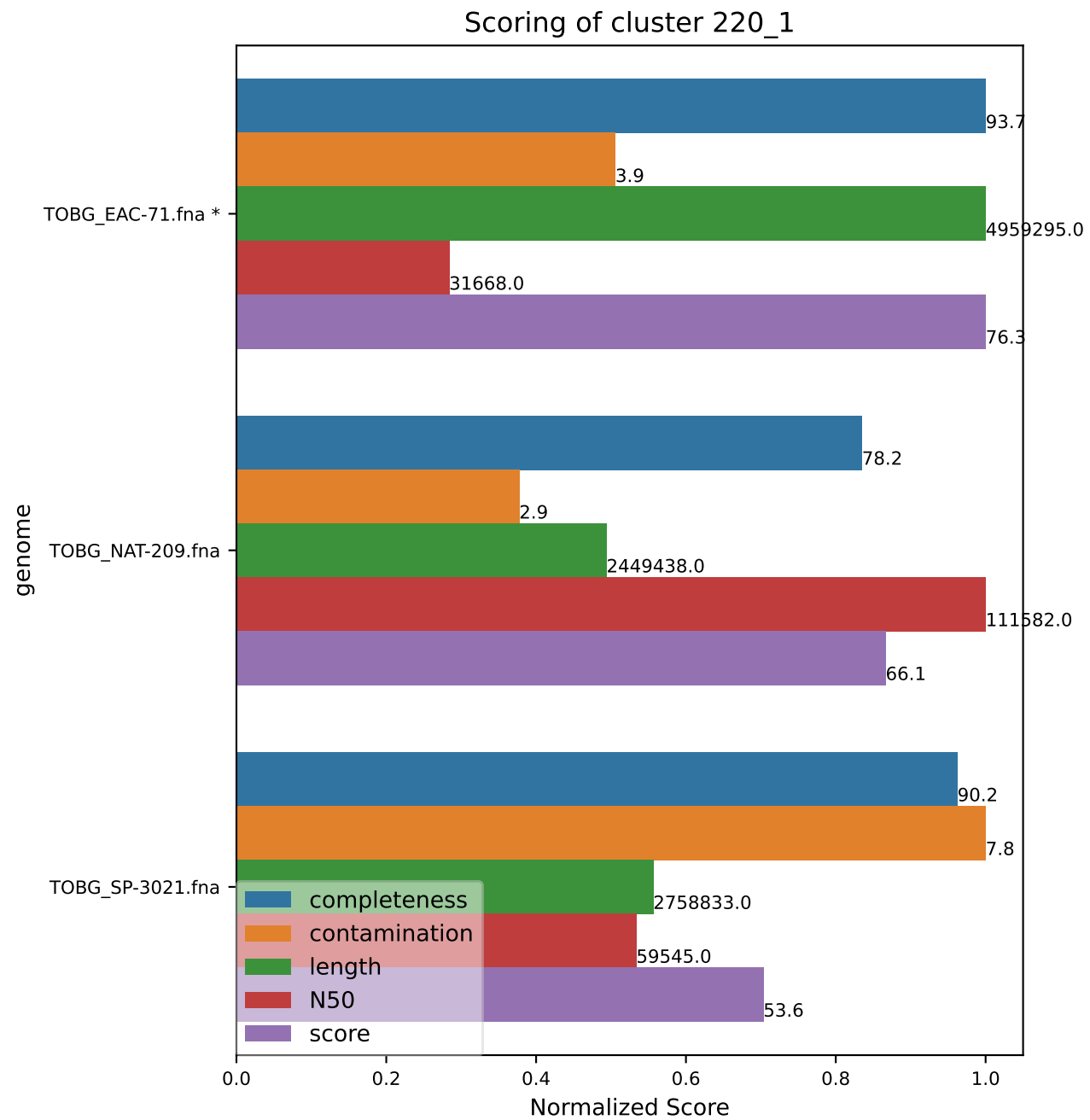


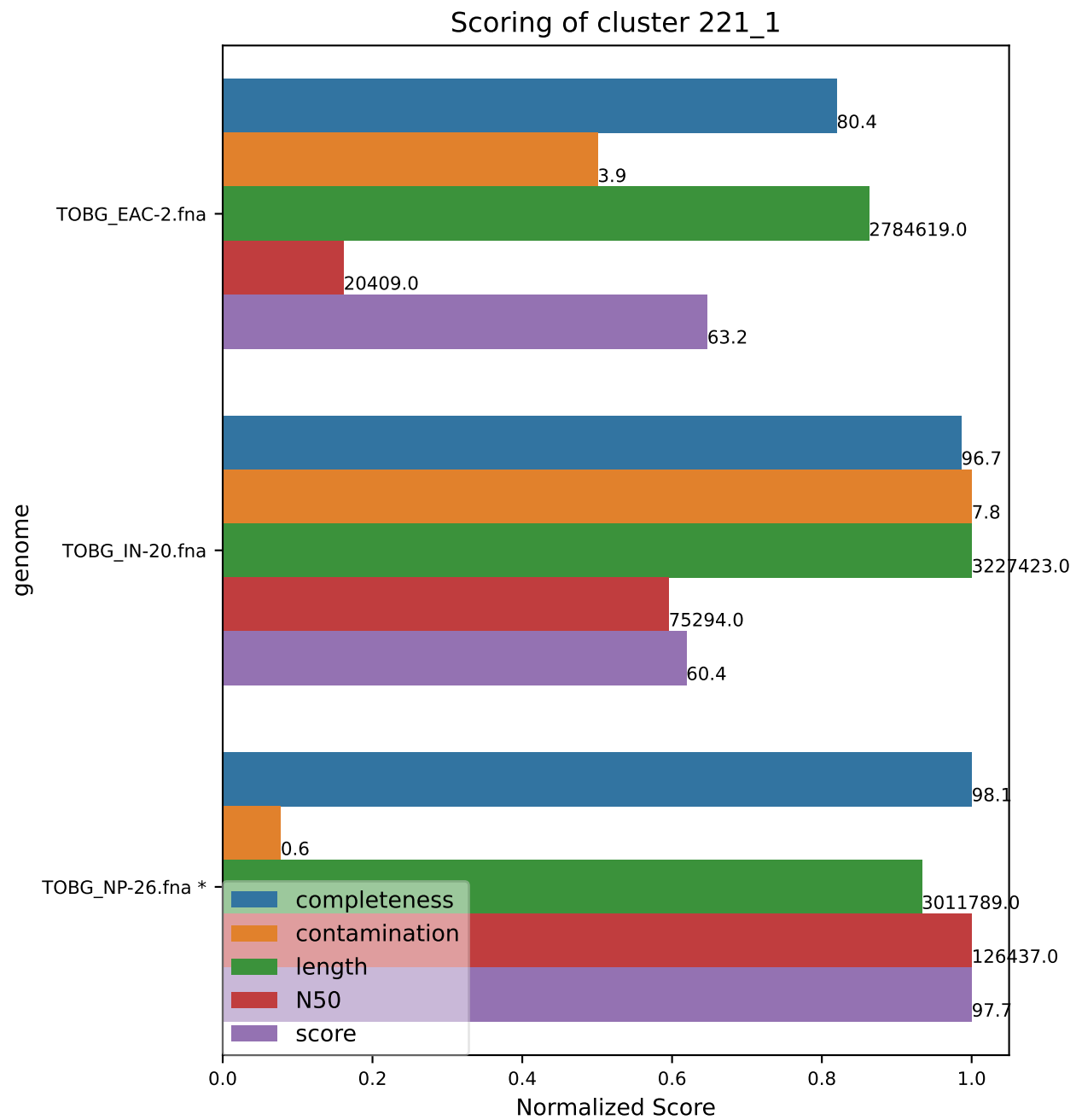
Scoring of cluster 219\_0

genome

TOBG\_NAT-212.fna \*

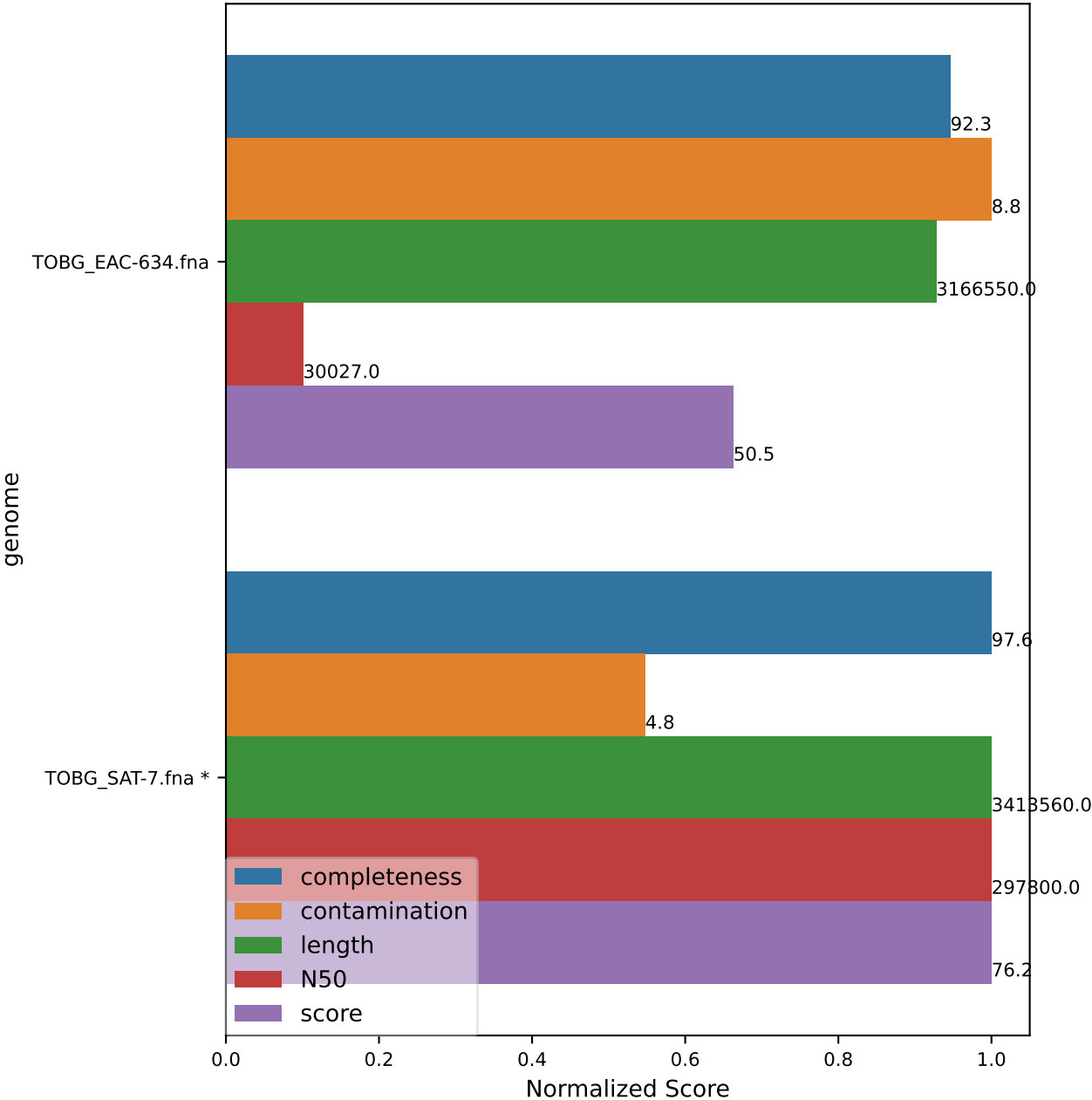






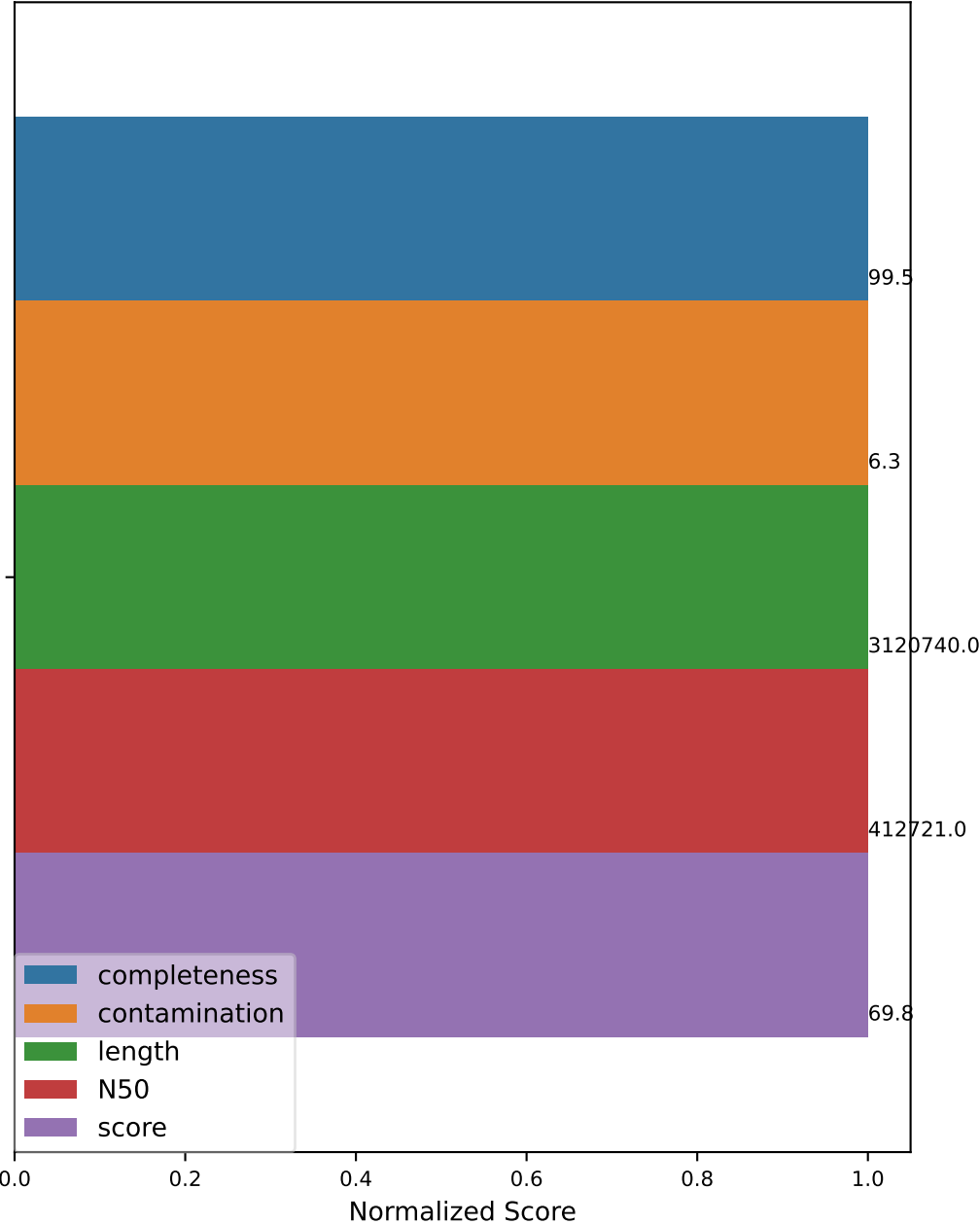


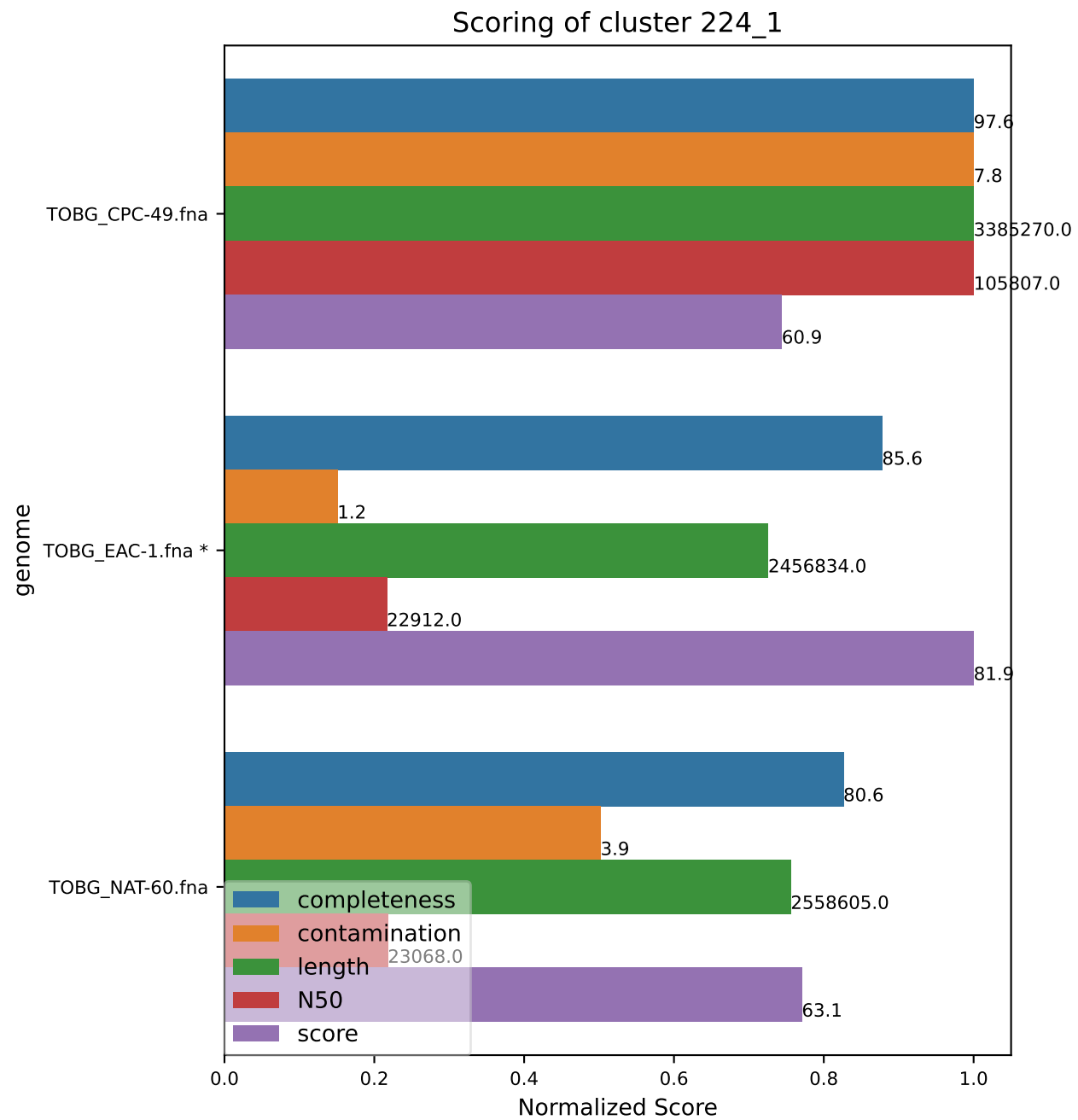
Scoring of cluster 222\_1

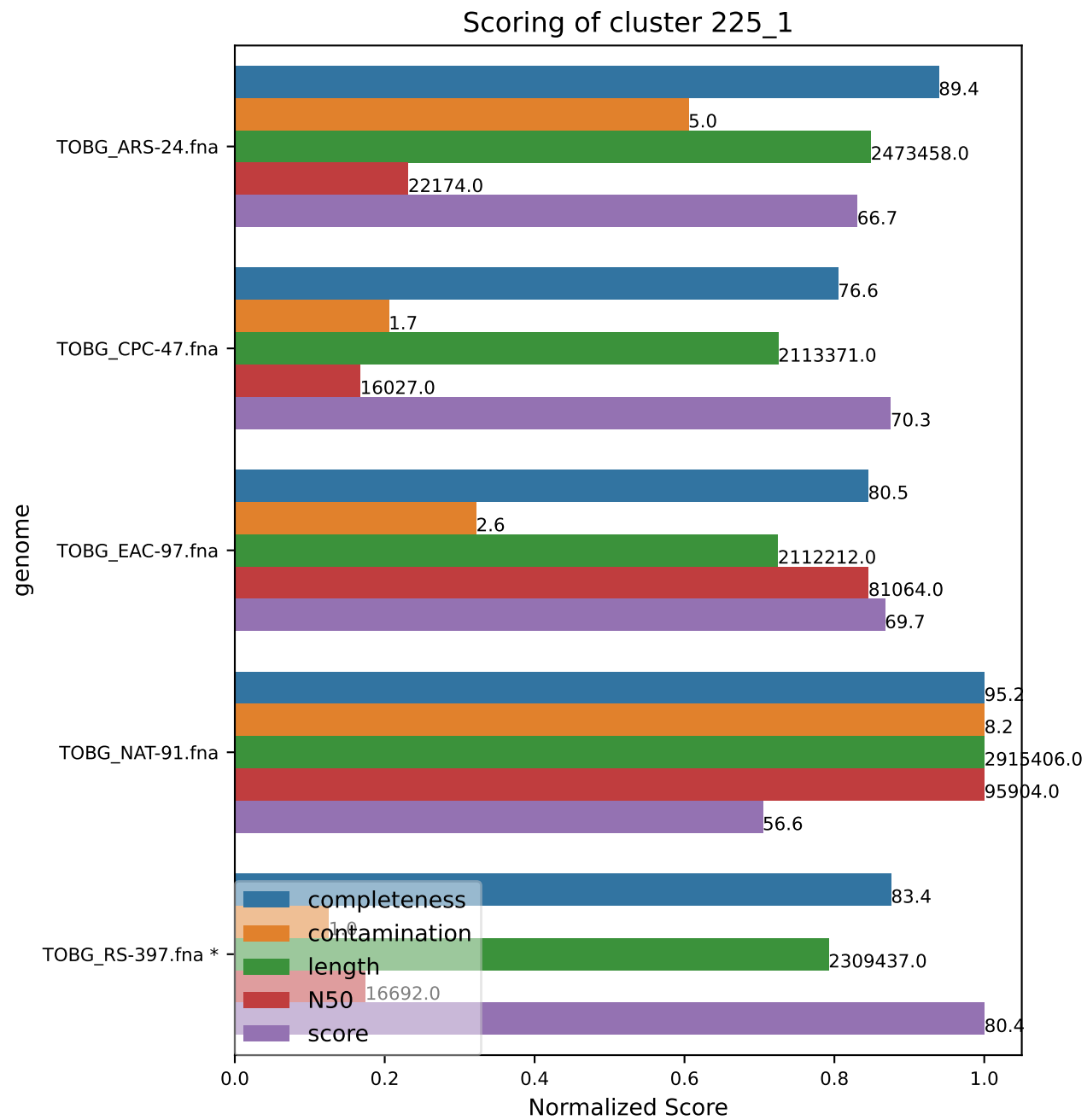


Scoring of cluster 223\_0

genome  
TOBG\_RS-367.fna \*



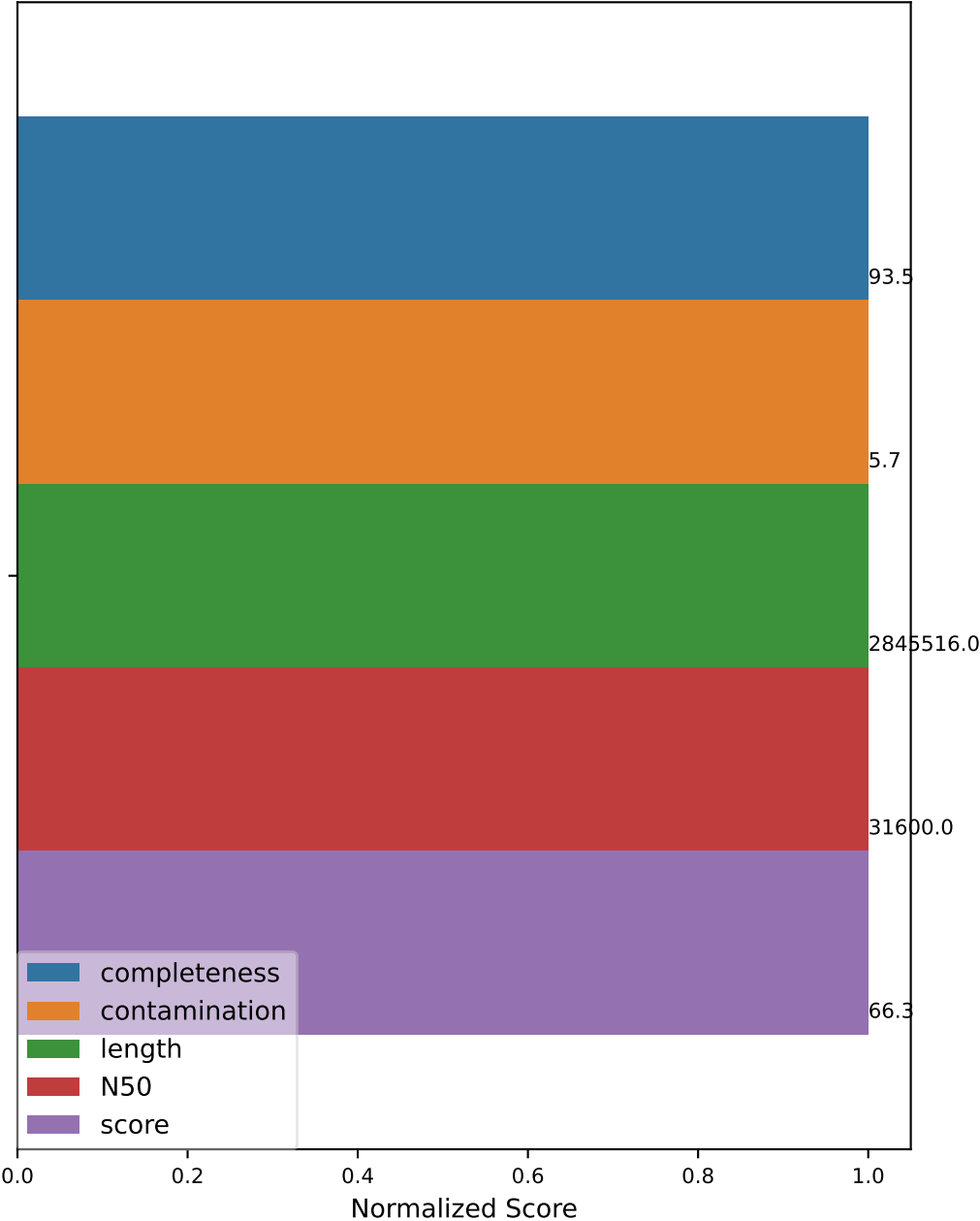




Scoring of cluster 226\_0

genome

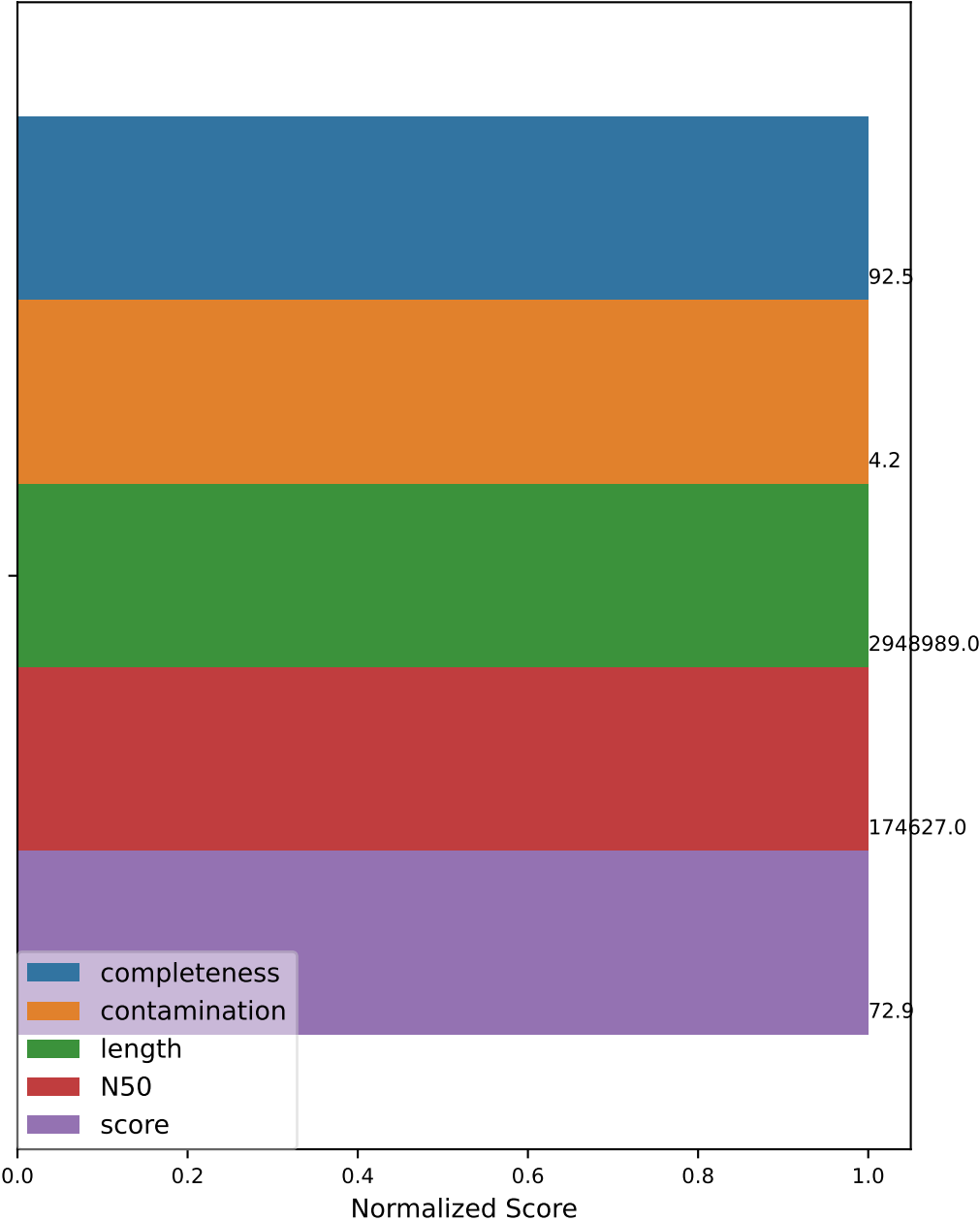
TOBG\_ARS-1036.fna \*



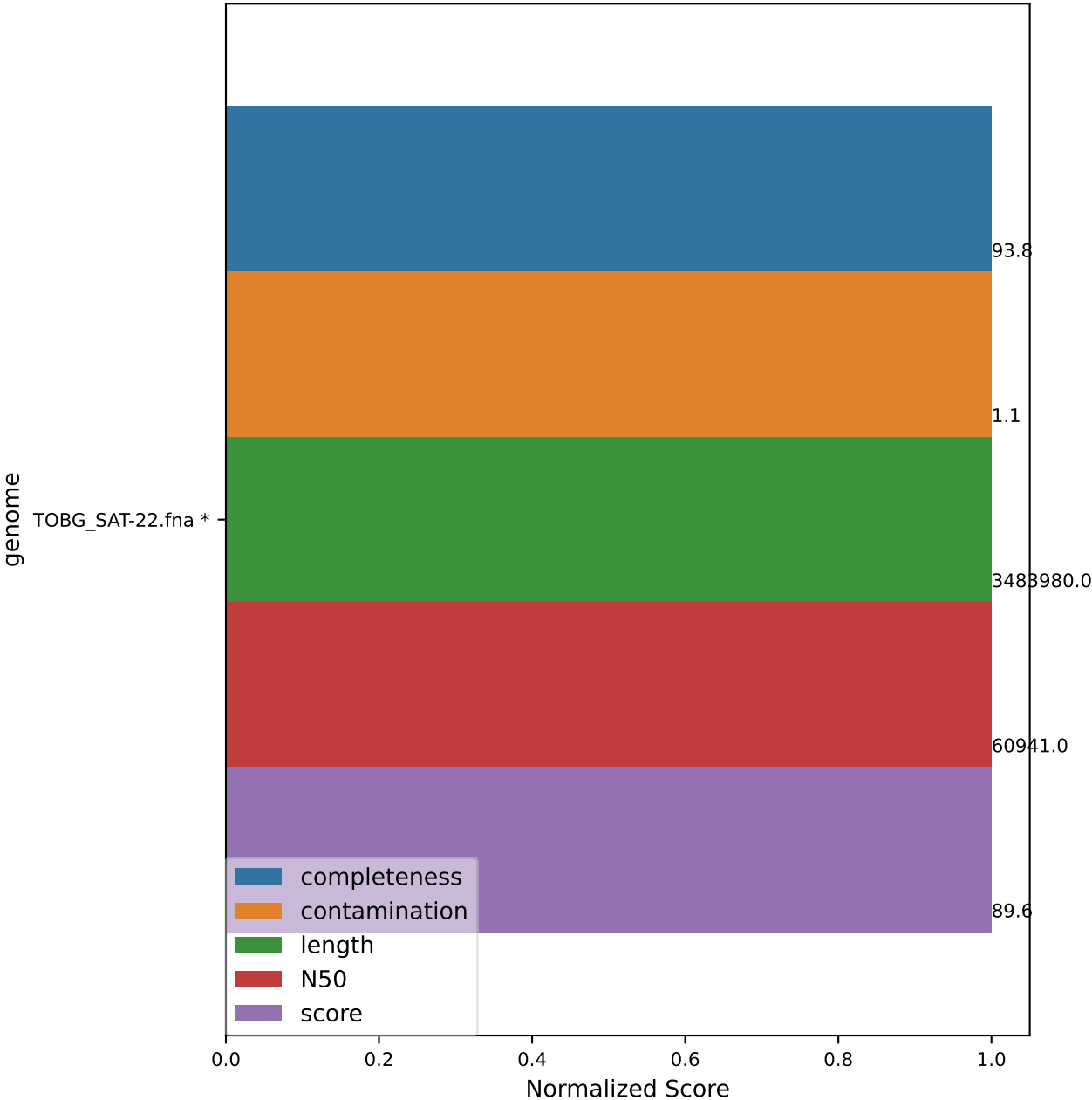
Scoring of cluster 227\_0

genome

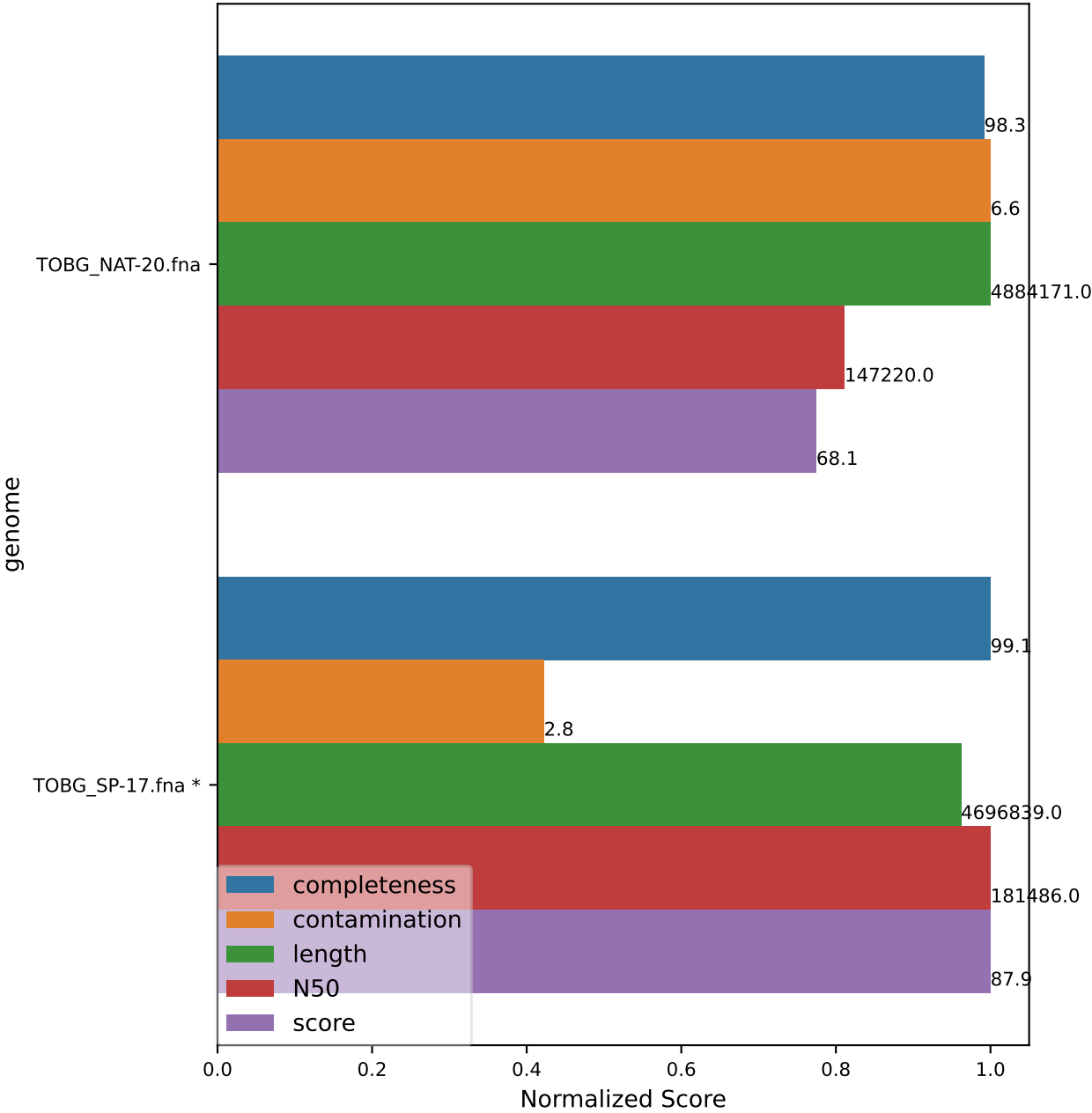
TOBG\_SP-246.fna \*



Scoring of cluster 228\_0

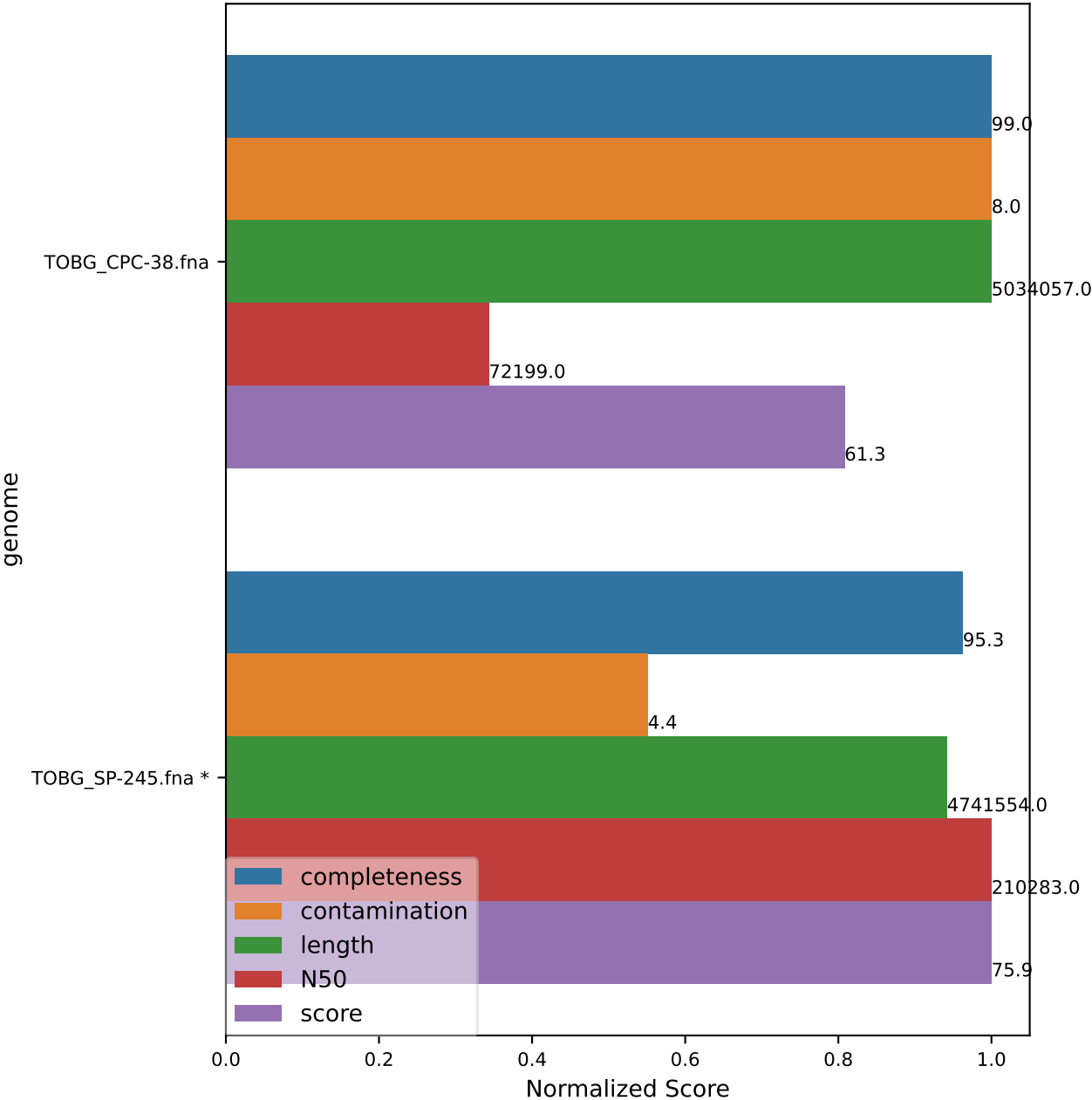


Scoring of cluster 229\_1





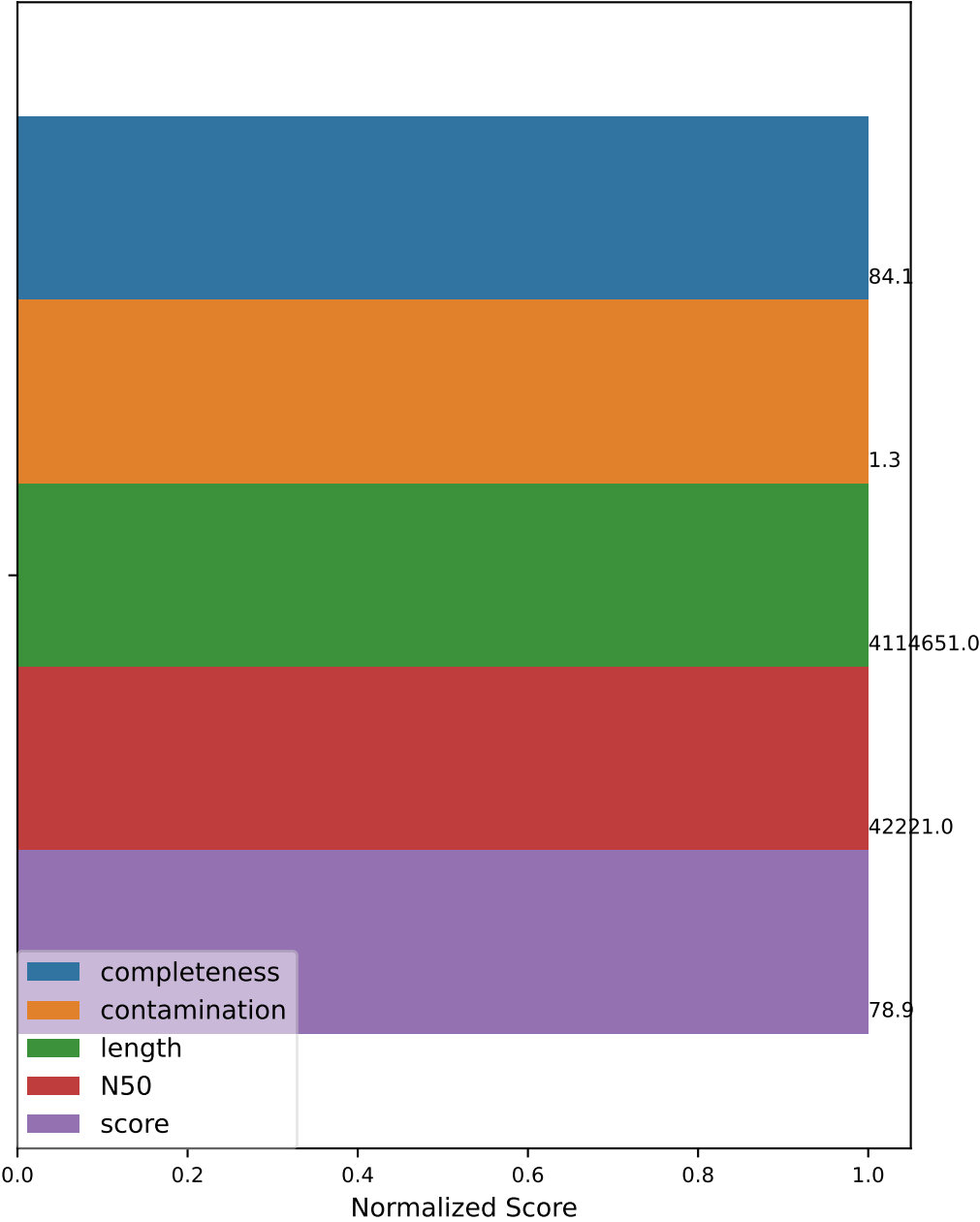
Scoring of cluster 230\_1

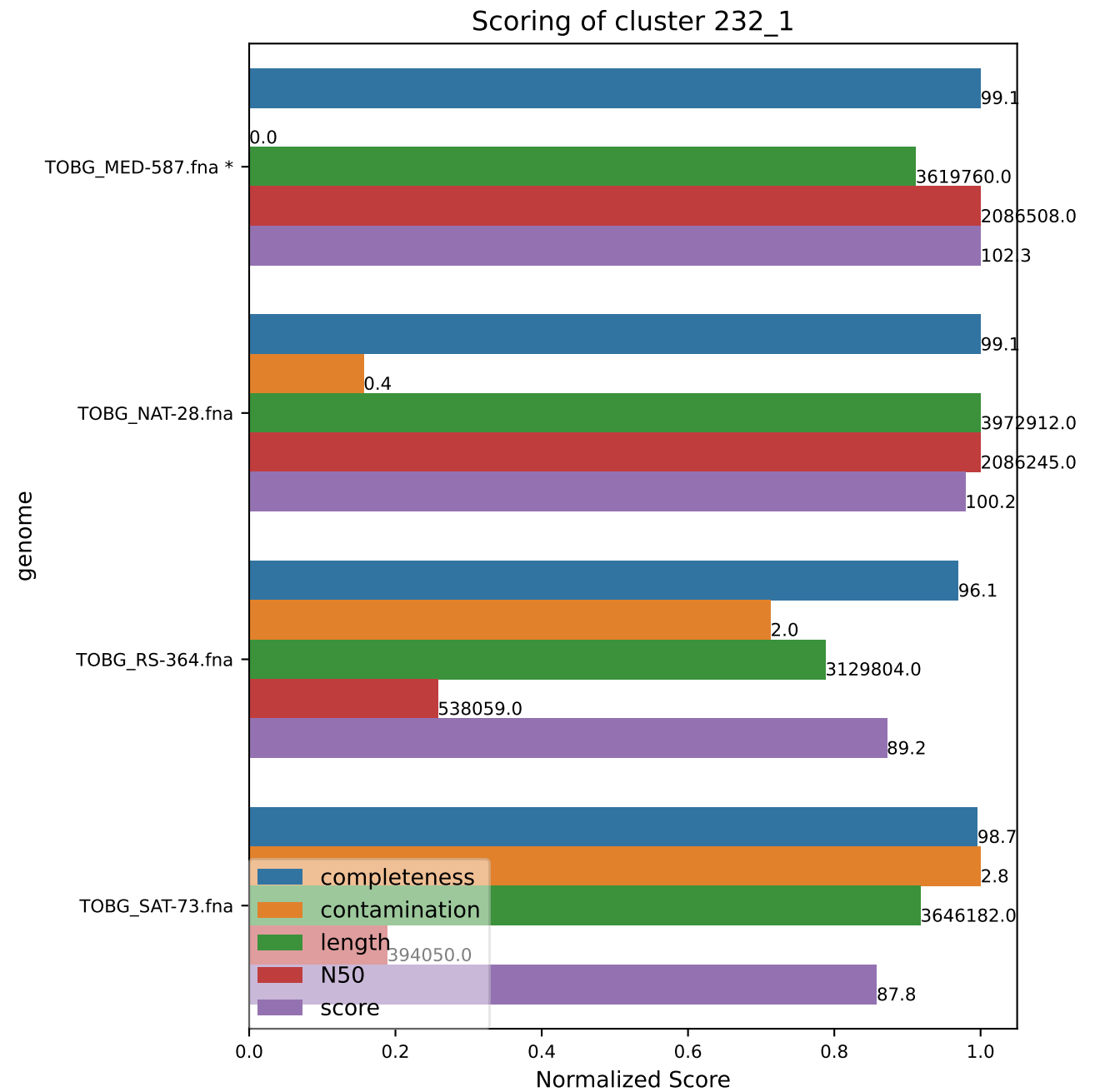


Scoring of cluster 231\_0

genome

TOBG\_SP-118.fna \*

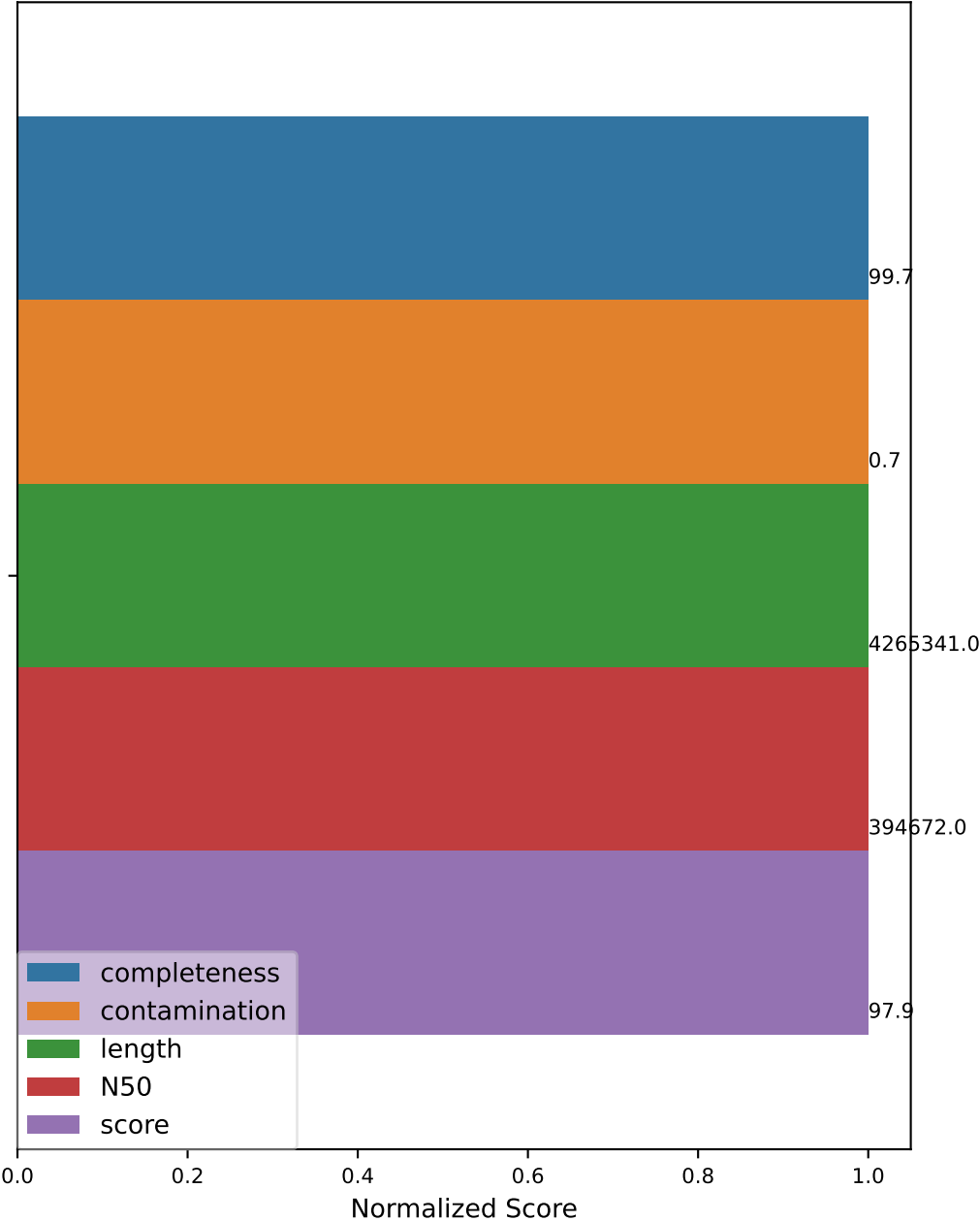




Scoring of cluster 233\_0

genome

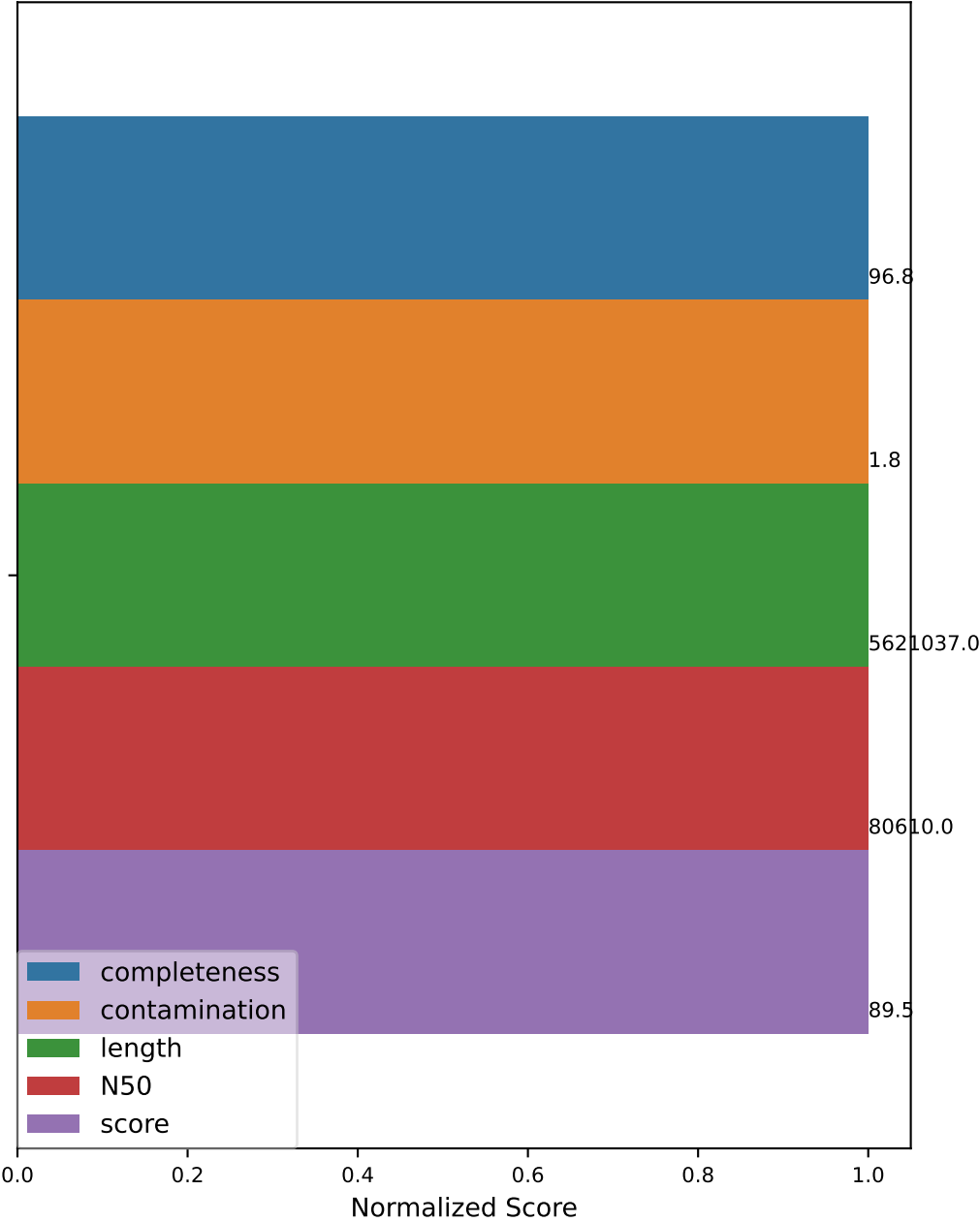
TOBG\_EAC-76.fna \*



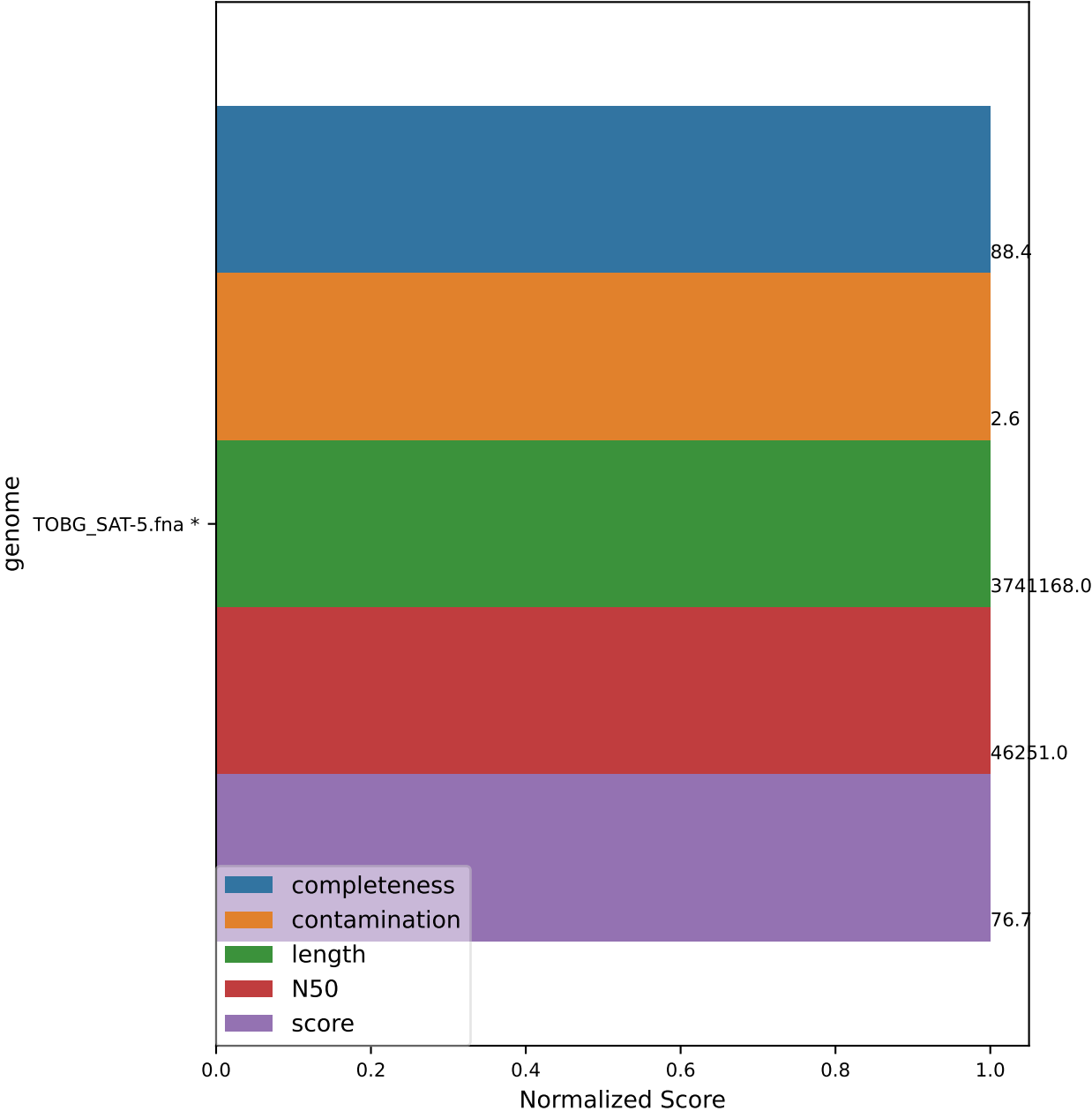
Scoring of cluster 234\_0

genome

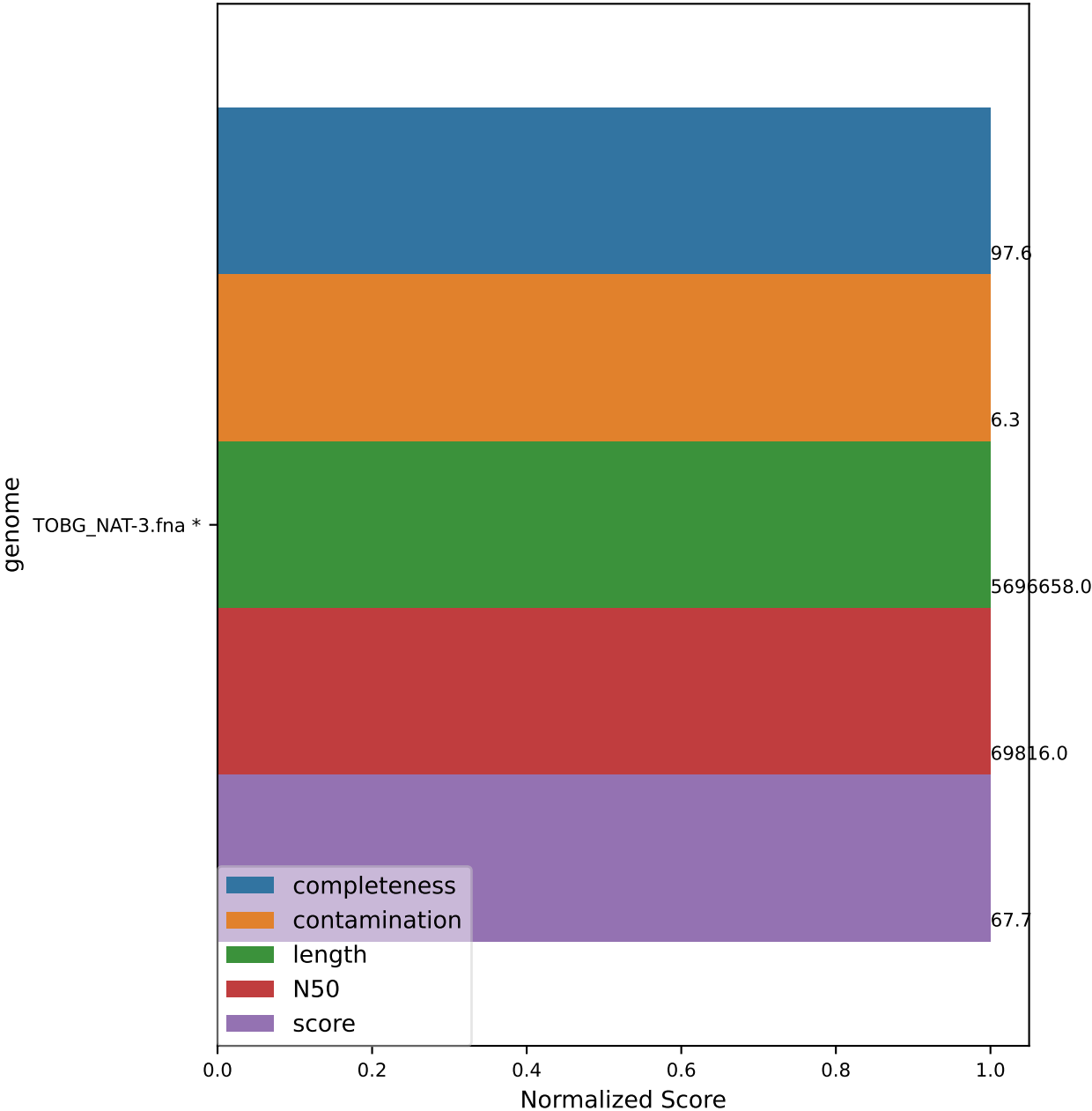
TOBG\_NAT-173.fna \*



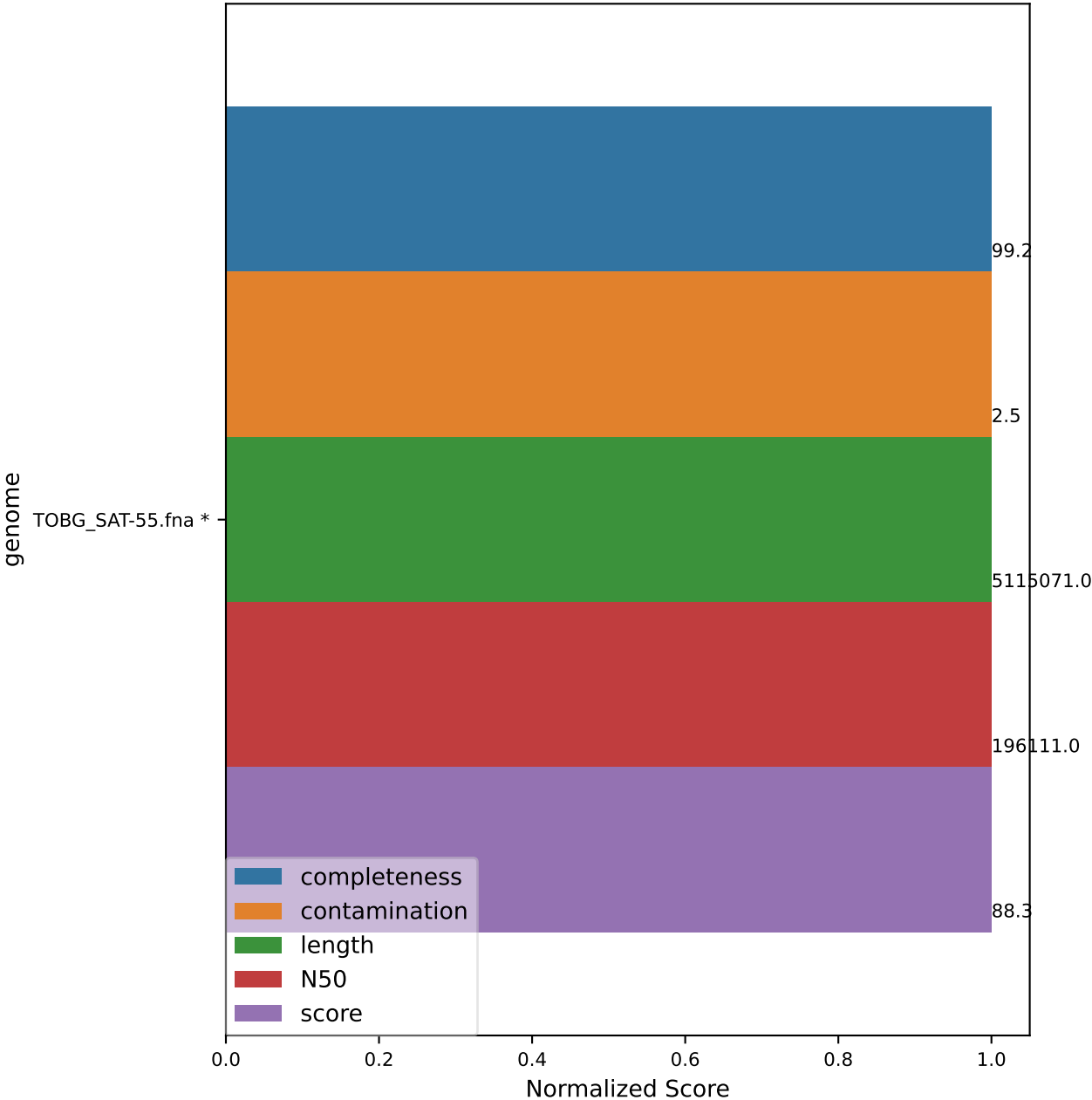
Scoring of cluster 235\_0



Scoring of cluster 236\_0



Scoring of cluster 237\_0

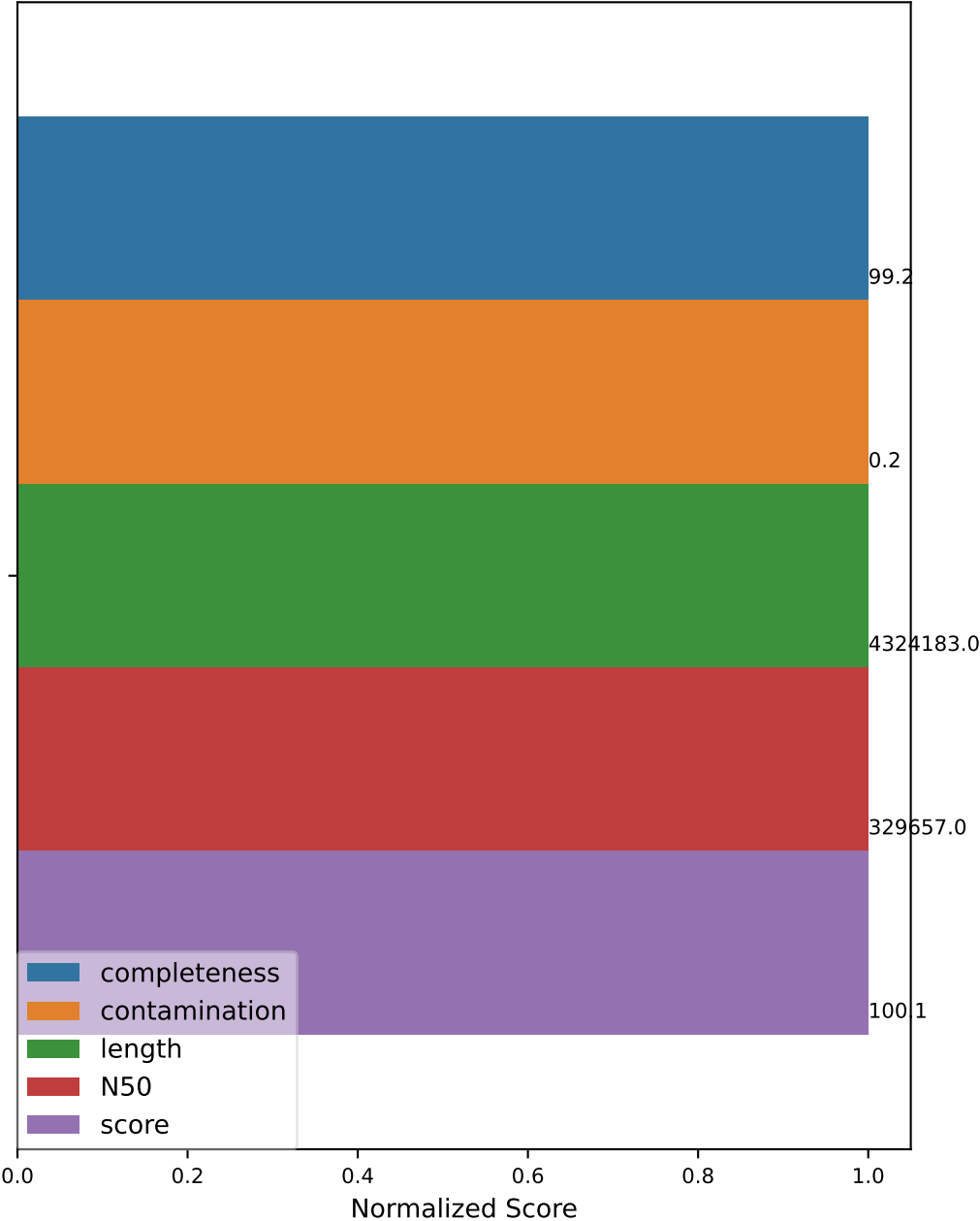




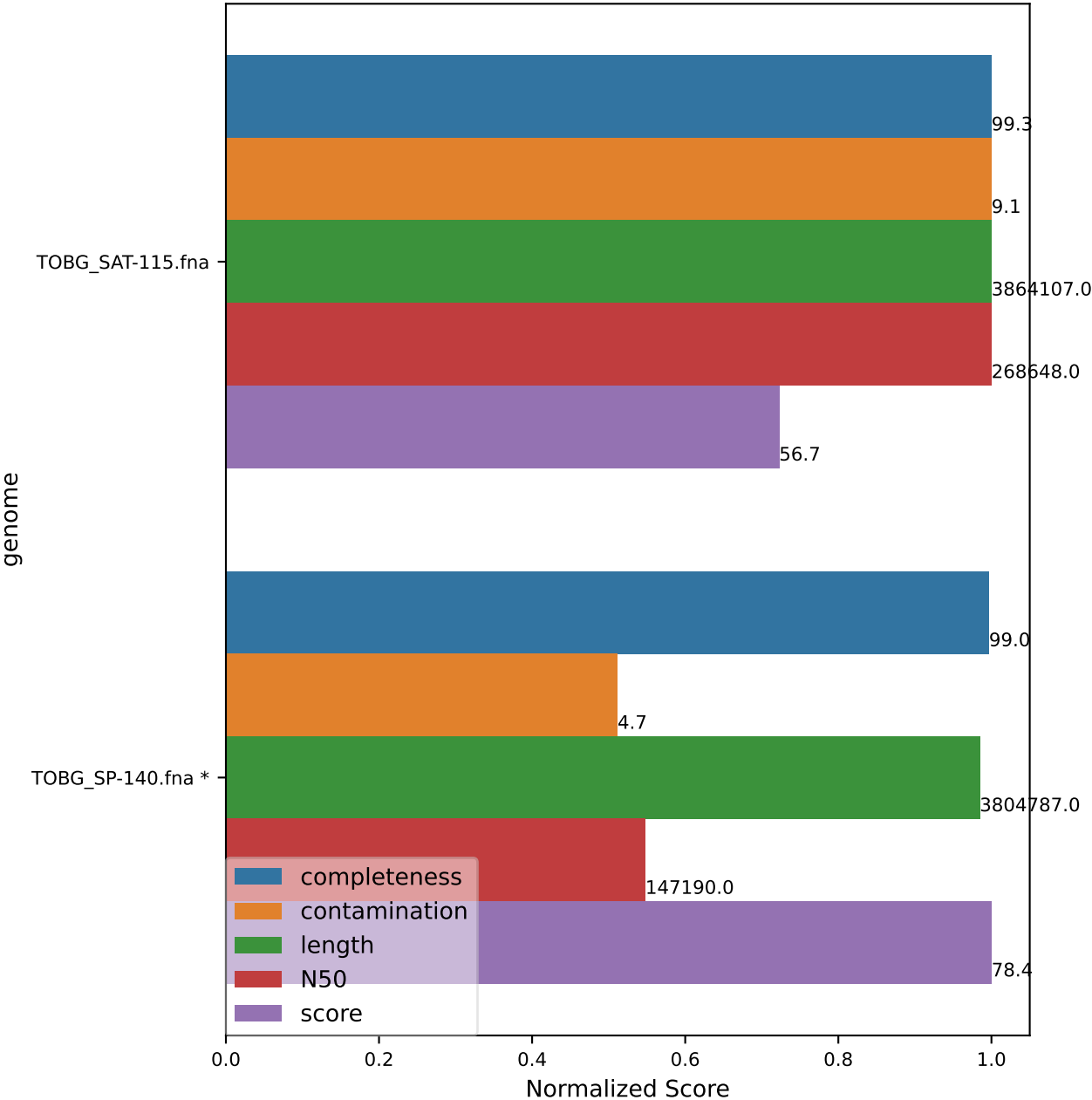
Scoring of cluster 238\_0

genome

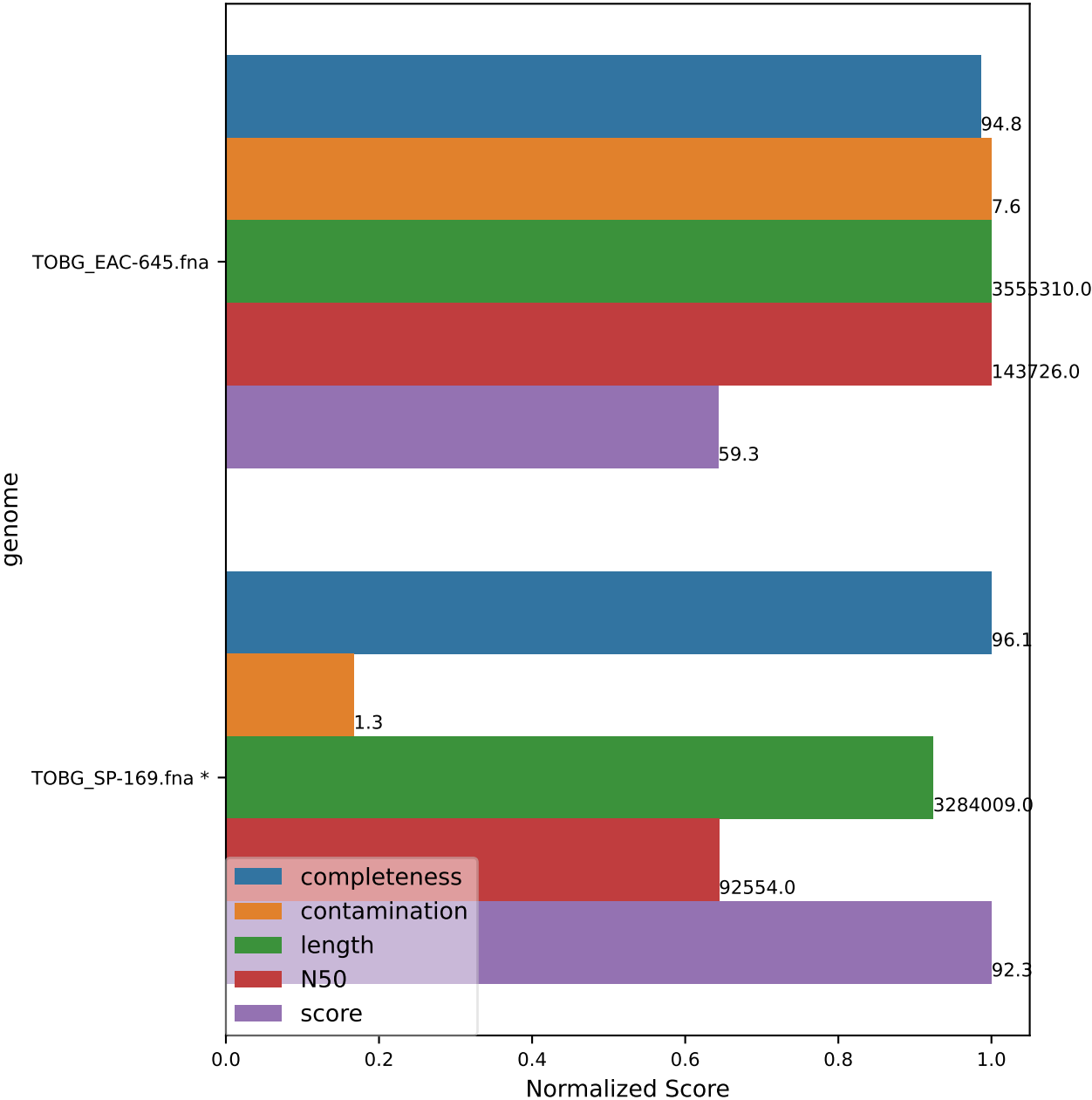
TOBG\_SAT-27.fna \*



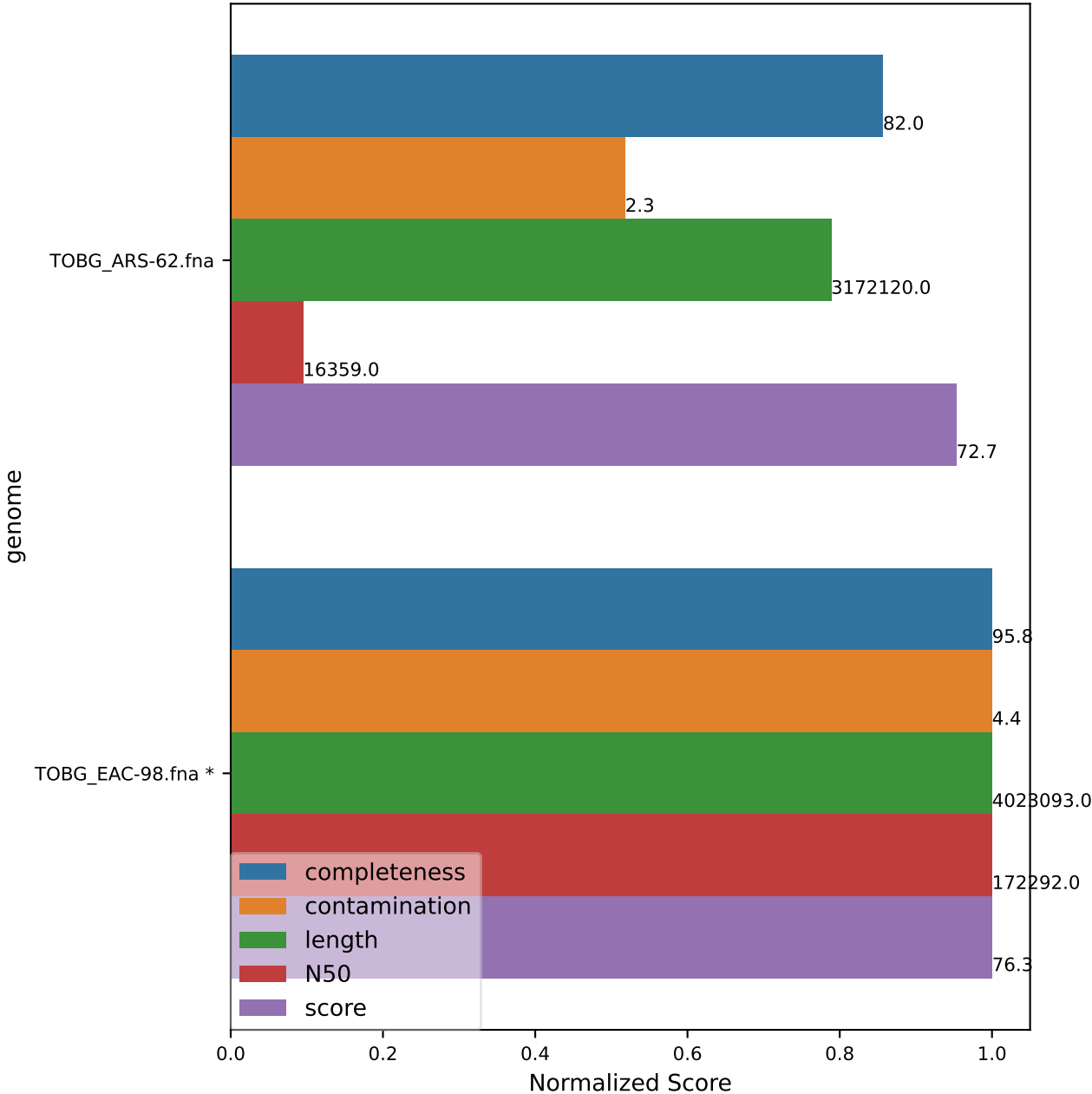
Scoring of cluster 239\_1



Scoring of cluster 240\_1



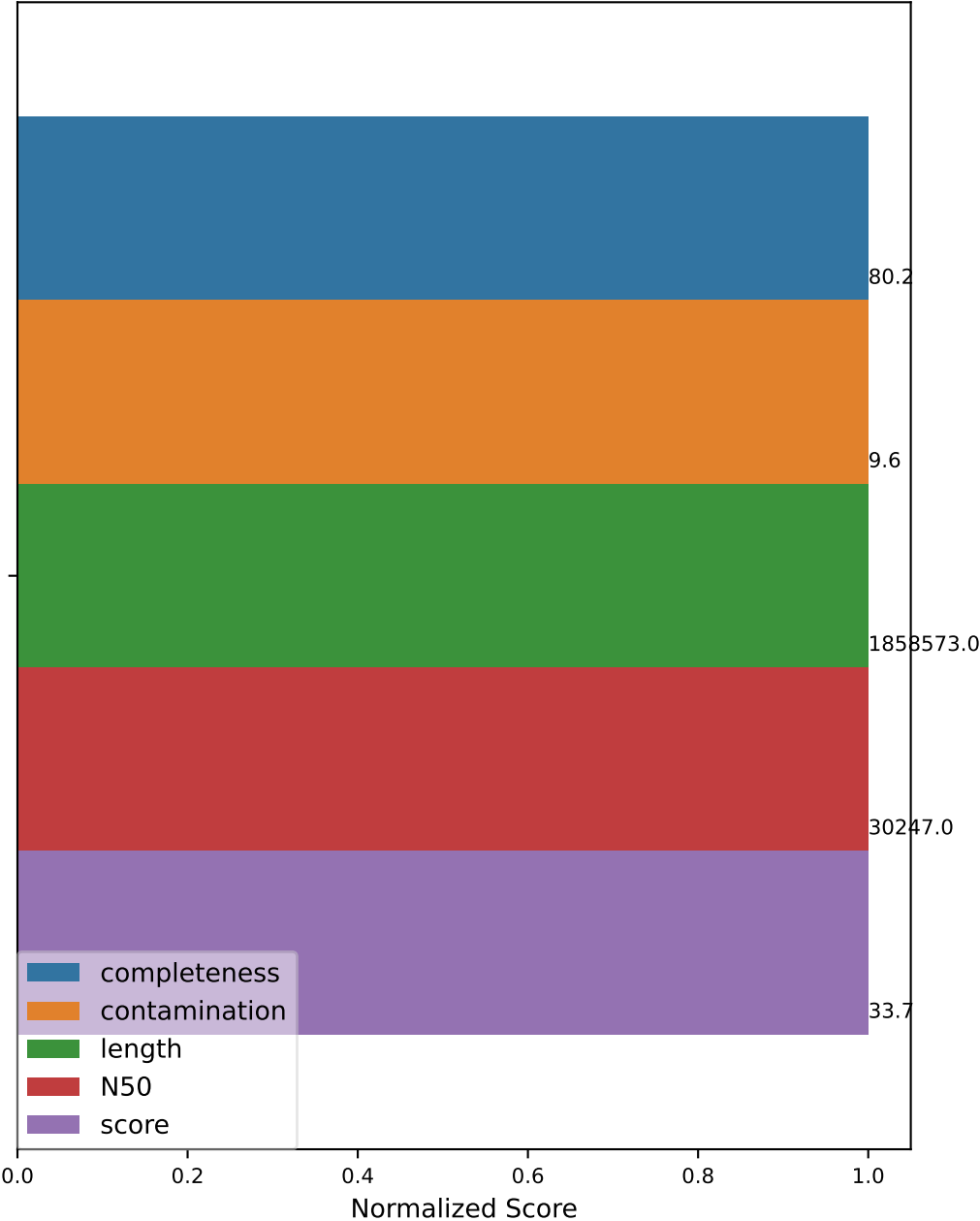
Scoring of cluster 241\_1



Scoring of cluster 242\_0

genome

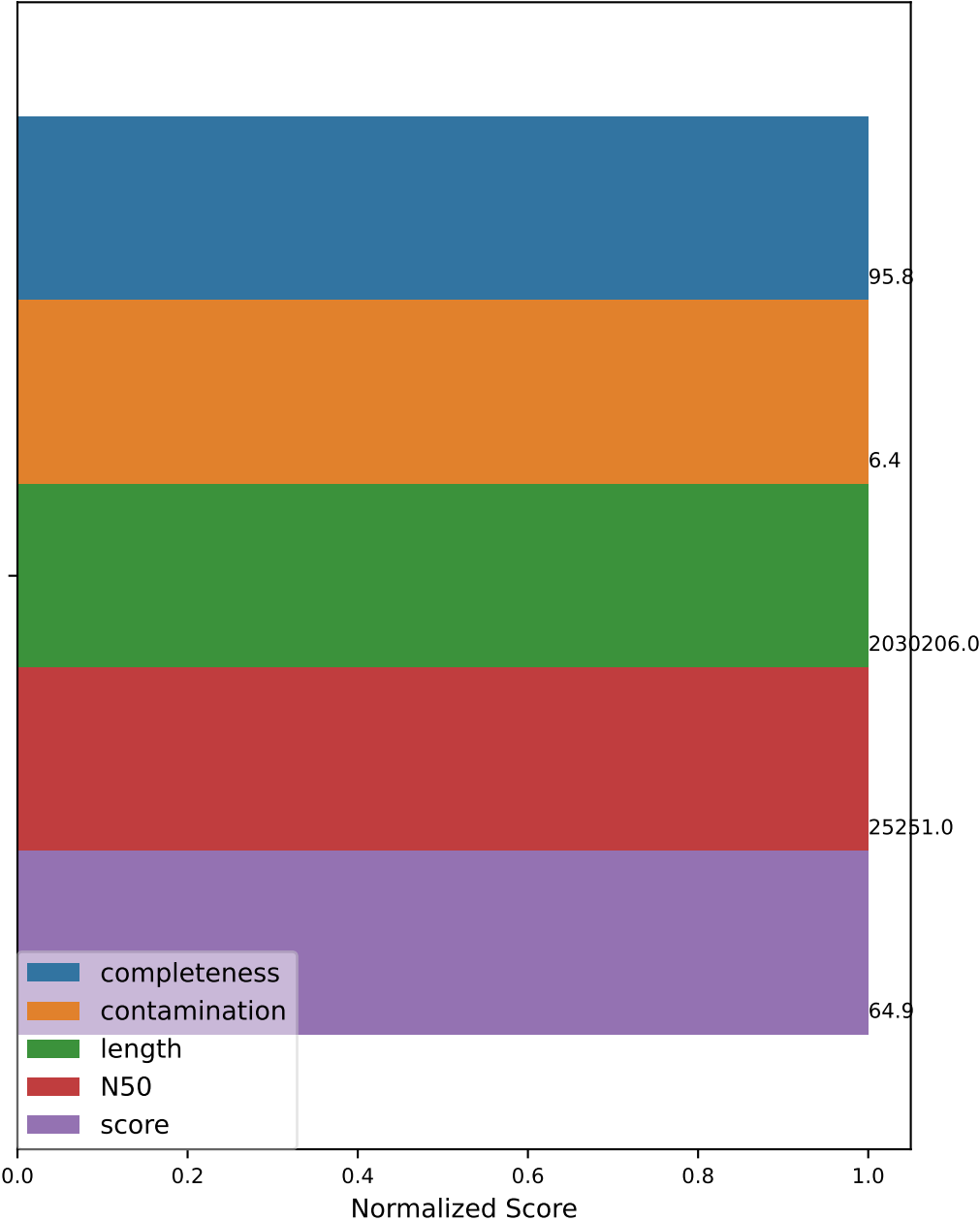
TOBG\_MED-1008.fna \*



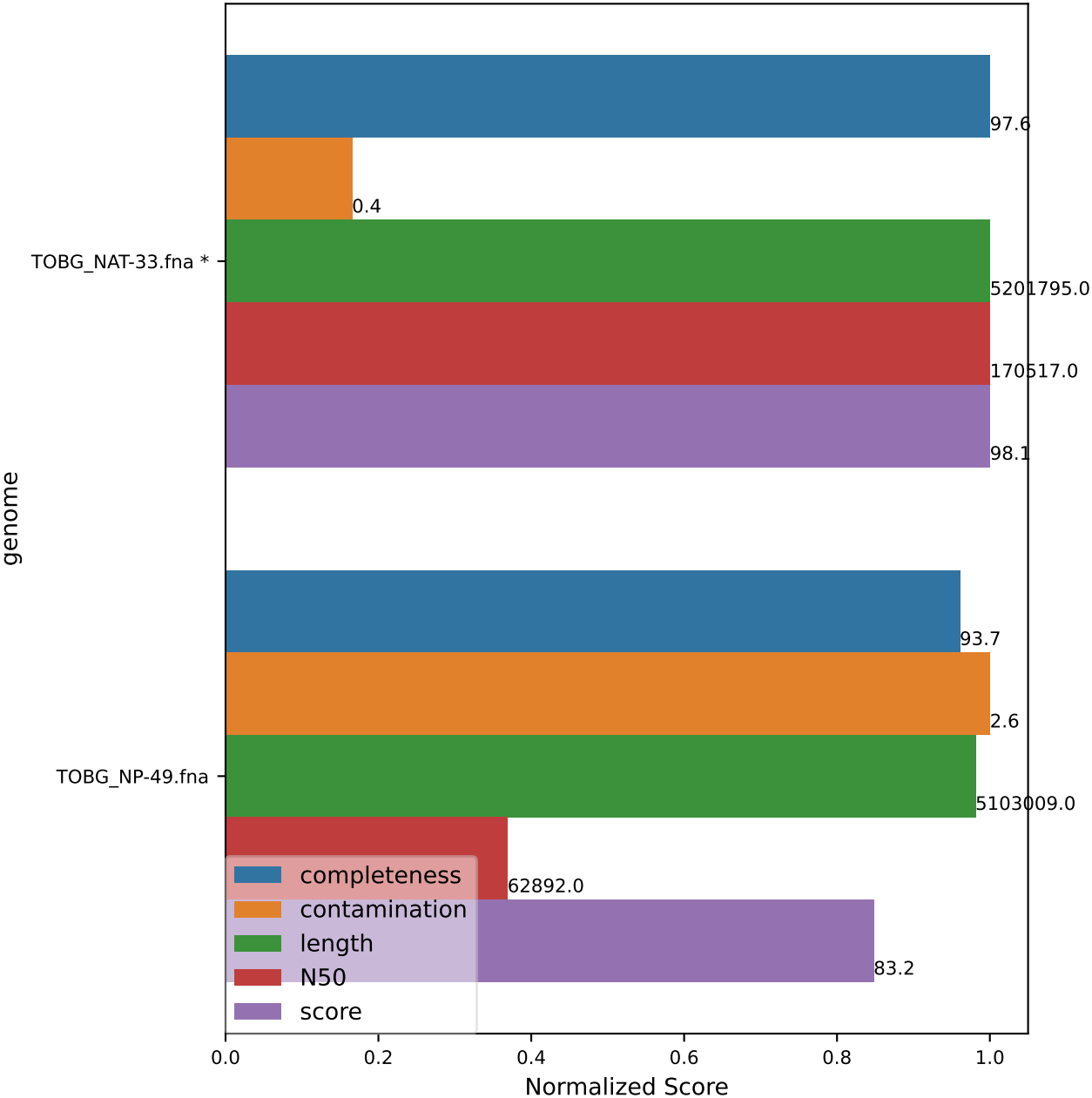
Scoring of cluster 243\_0

genome

TOBG\_RS-422.fna \*



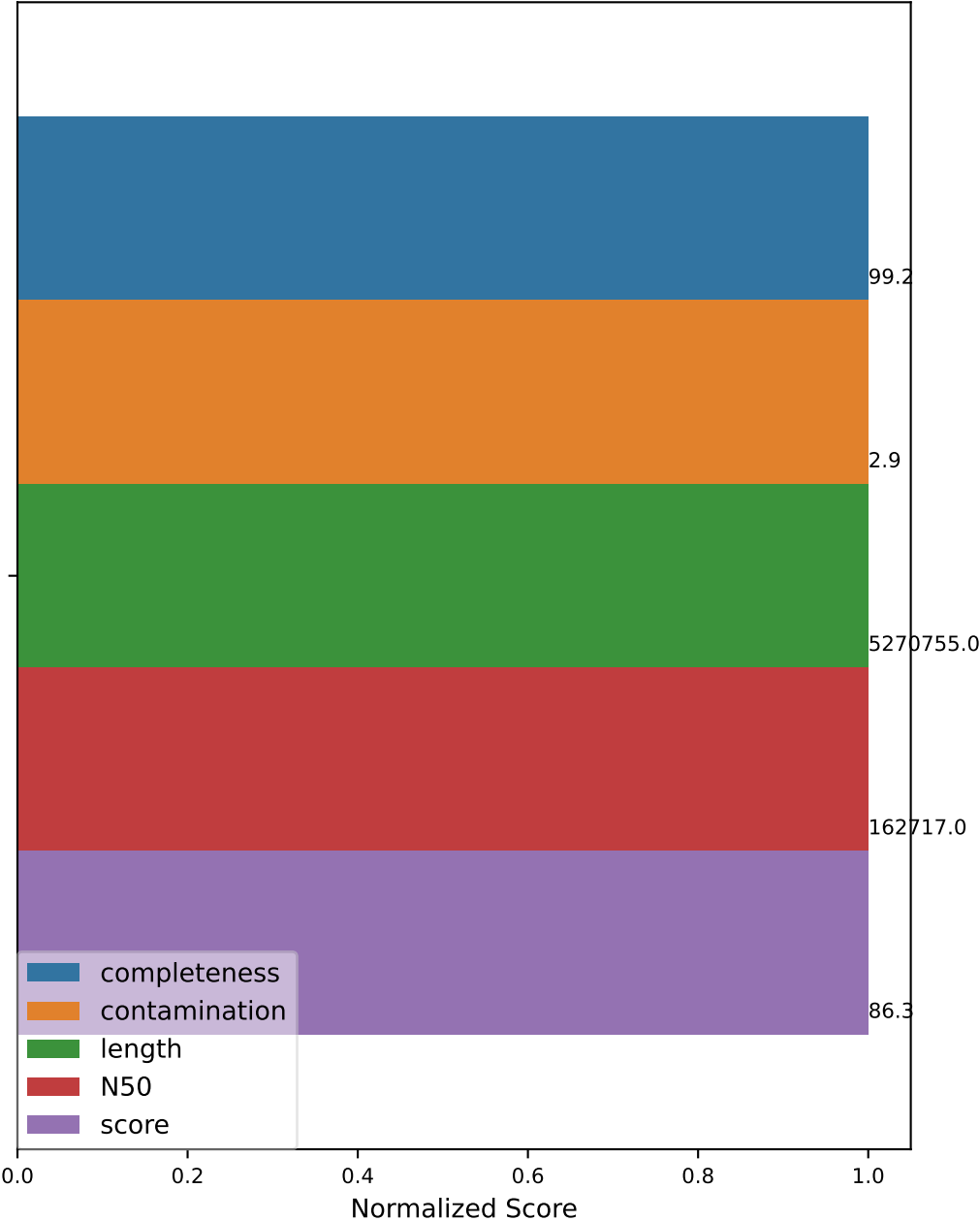
Scoring of cluster 244\_1



Scoring of cluster 245\_0

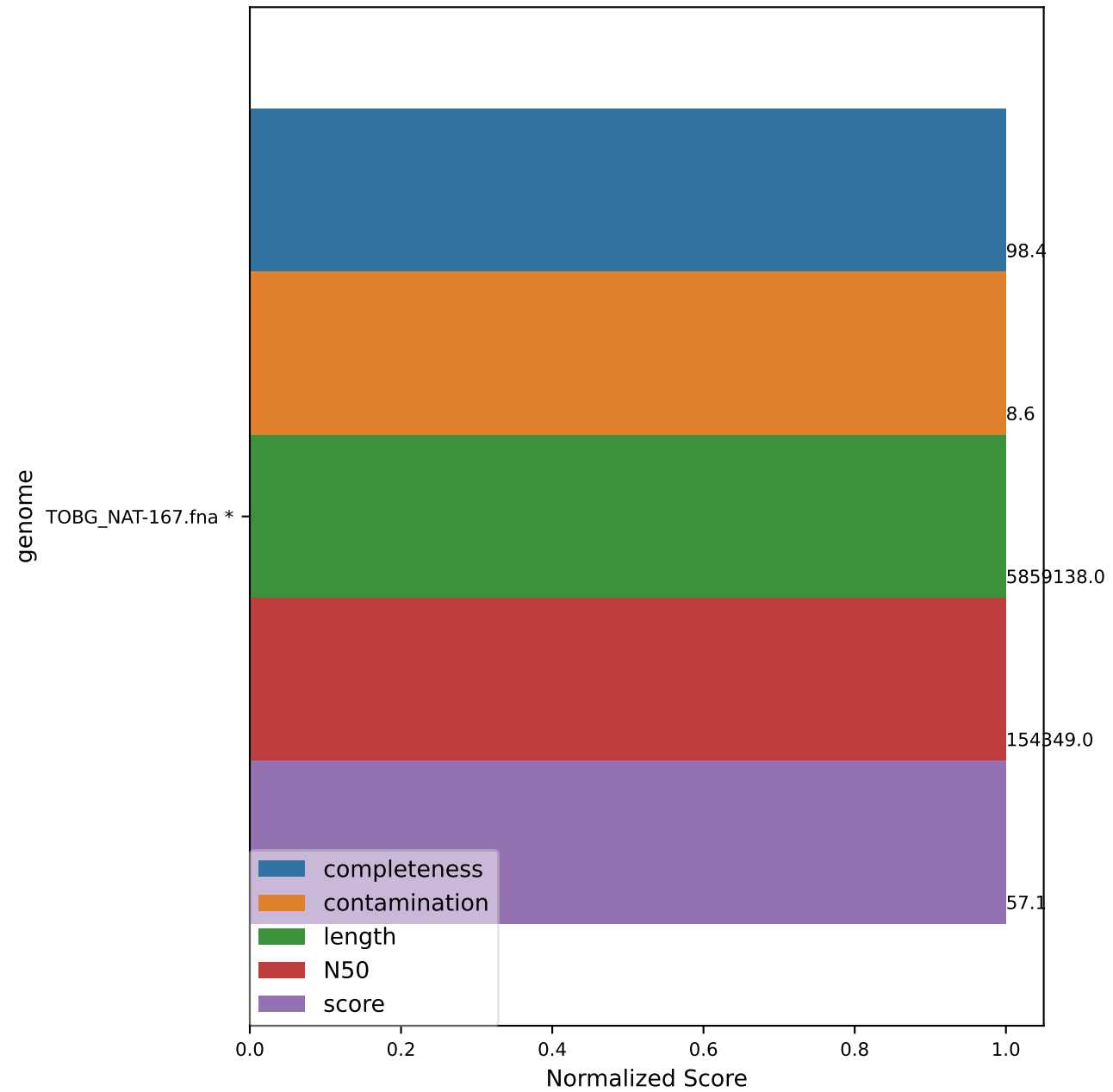
genome

TOBG\_CPC-40.fna \*

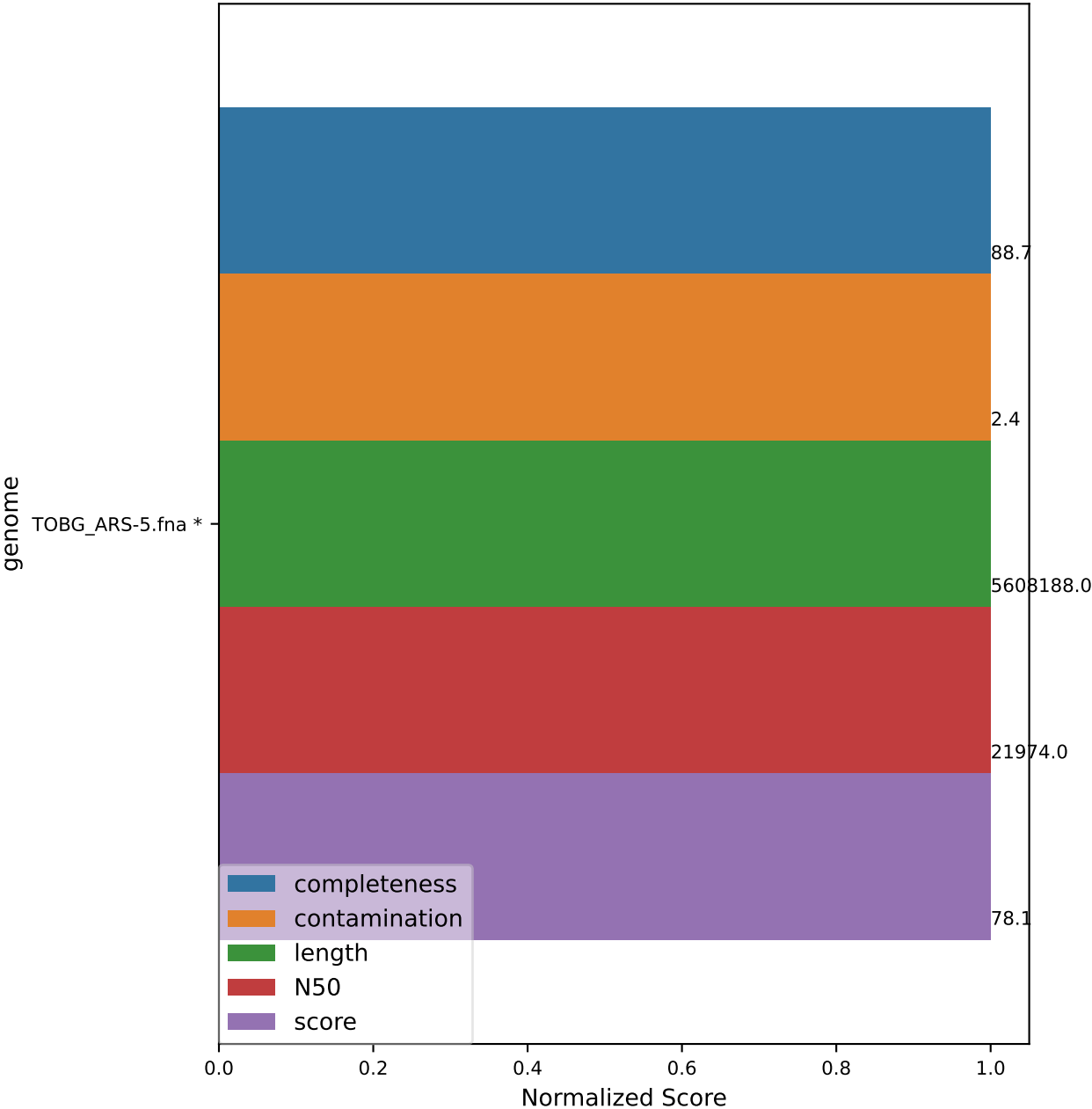




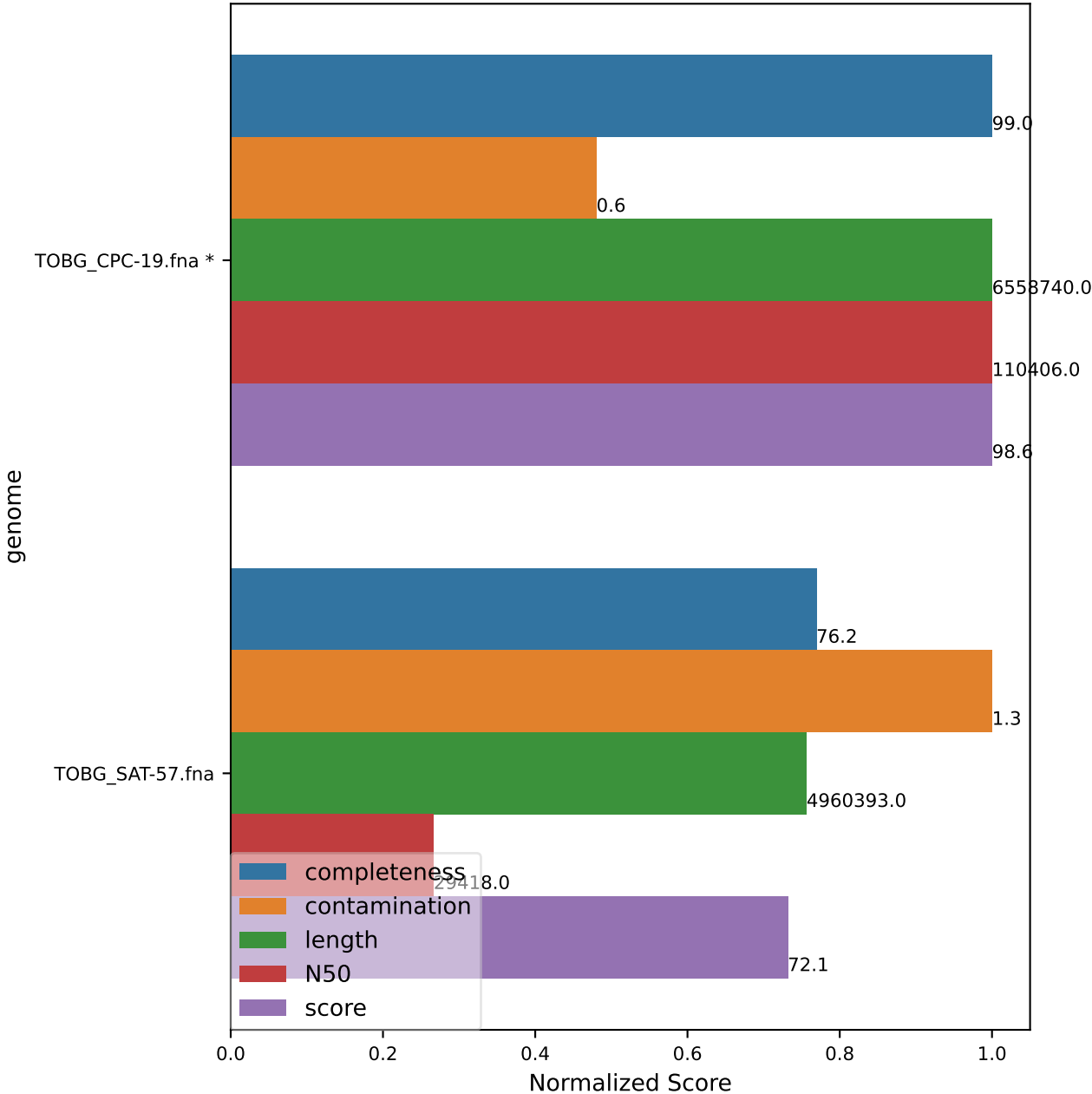
Scoring of cluster 246\_0



Scoring of cluster 247\_0



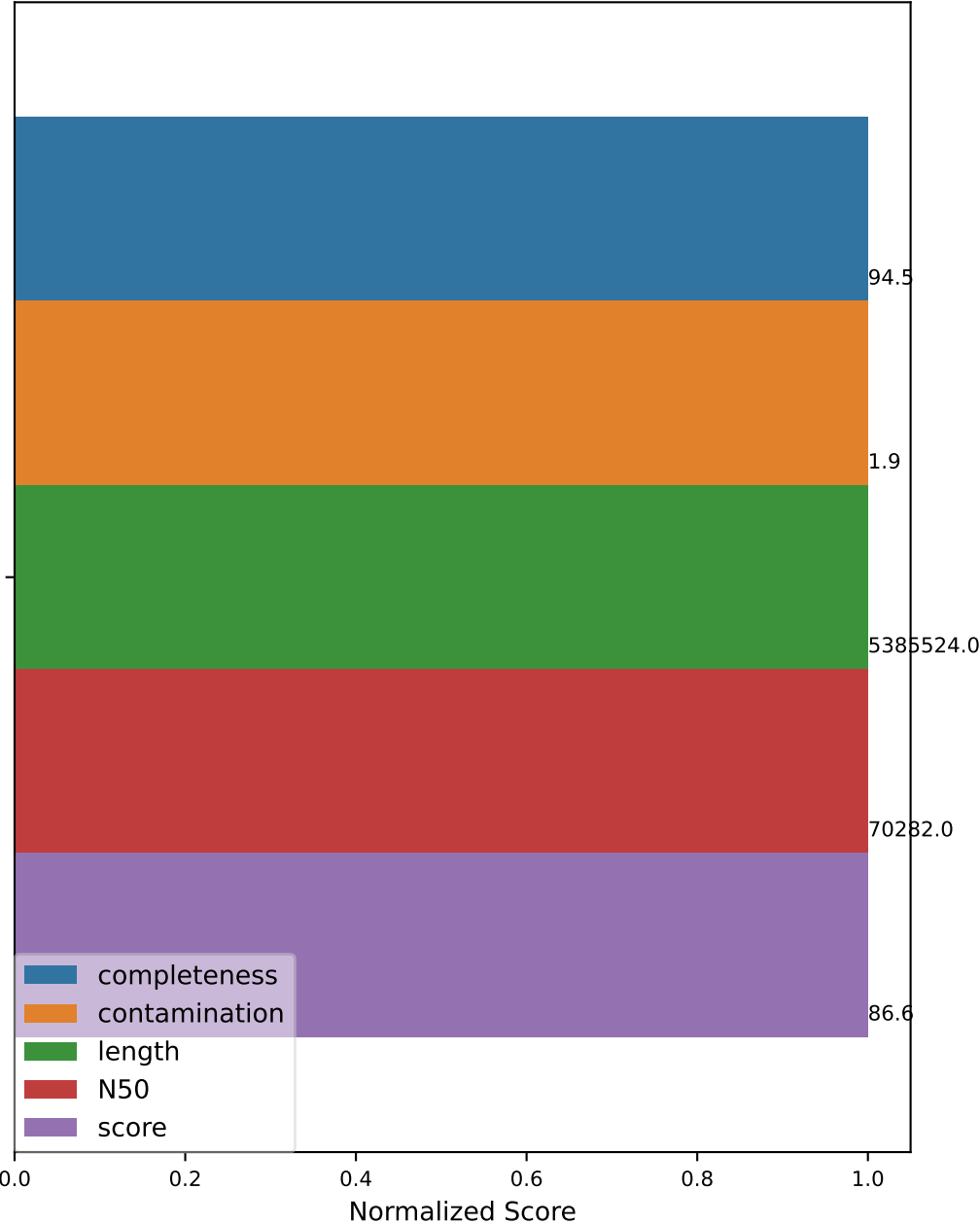
Scoring of cluster 248\_1



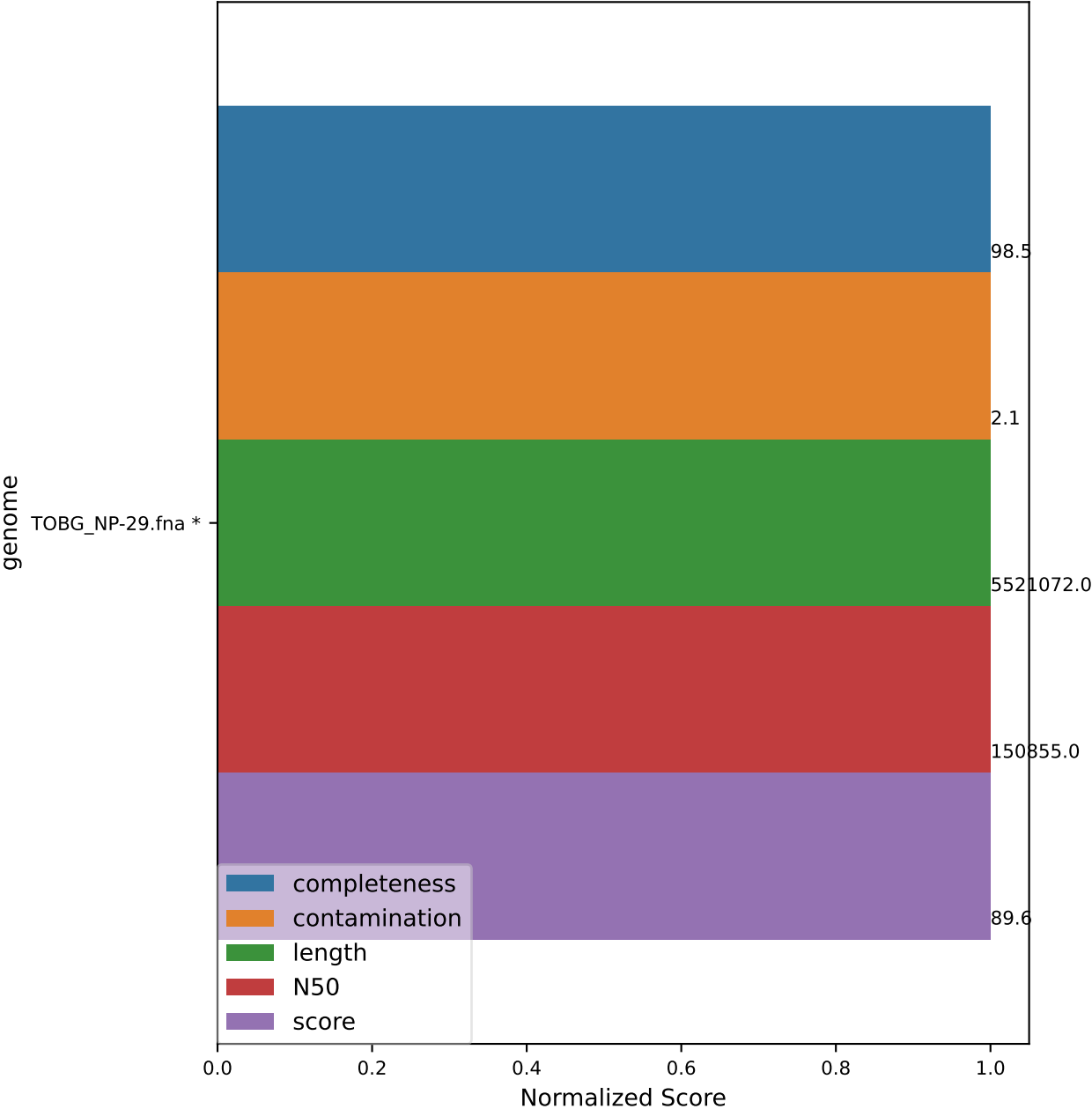
Scoring of cluster 249\_0

genome

TOBG\_SP-126.fna \*



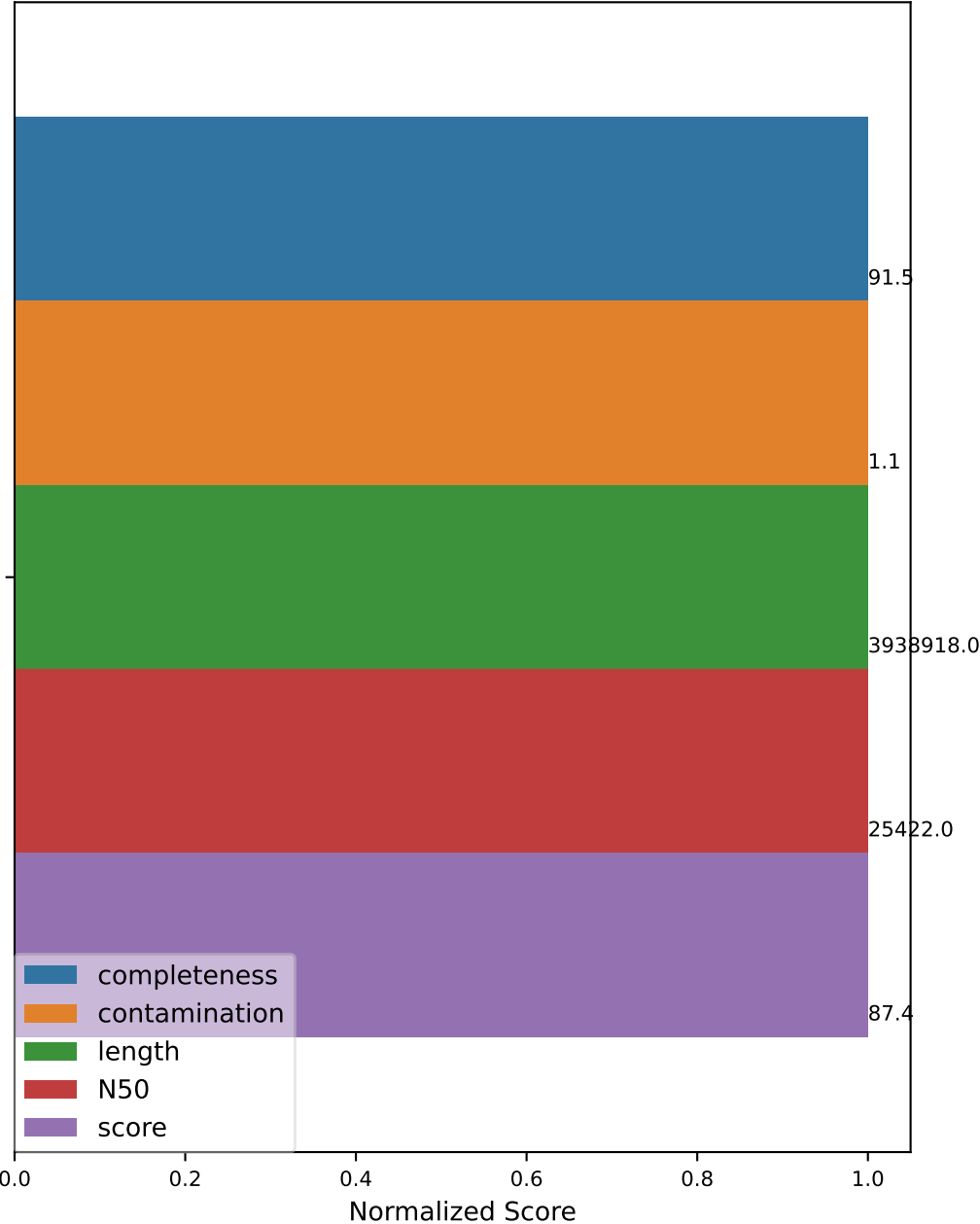
Scoring of cluster 250\_0



Scoring of cluster 251\_0

genome

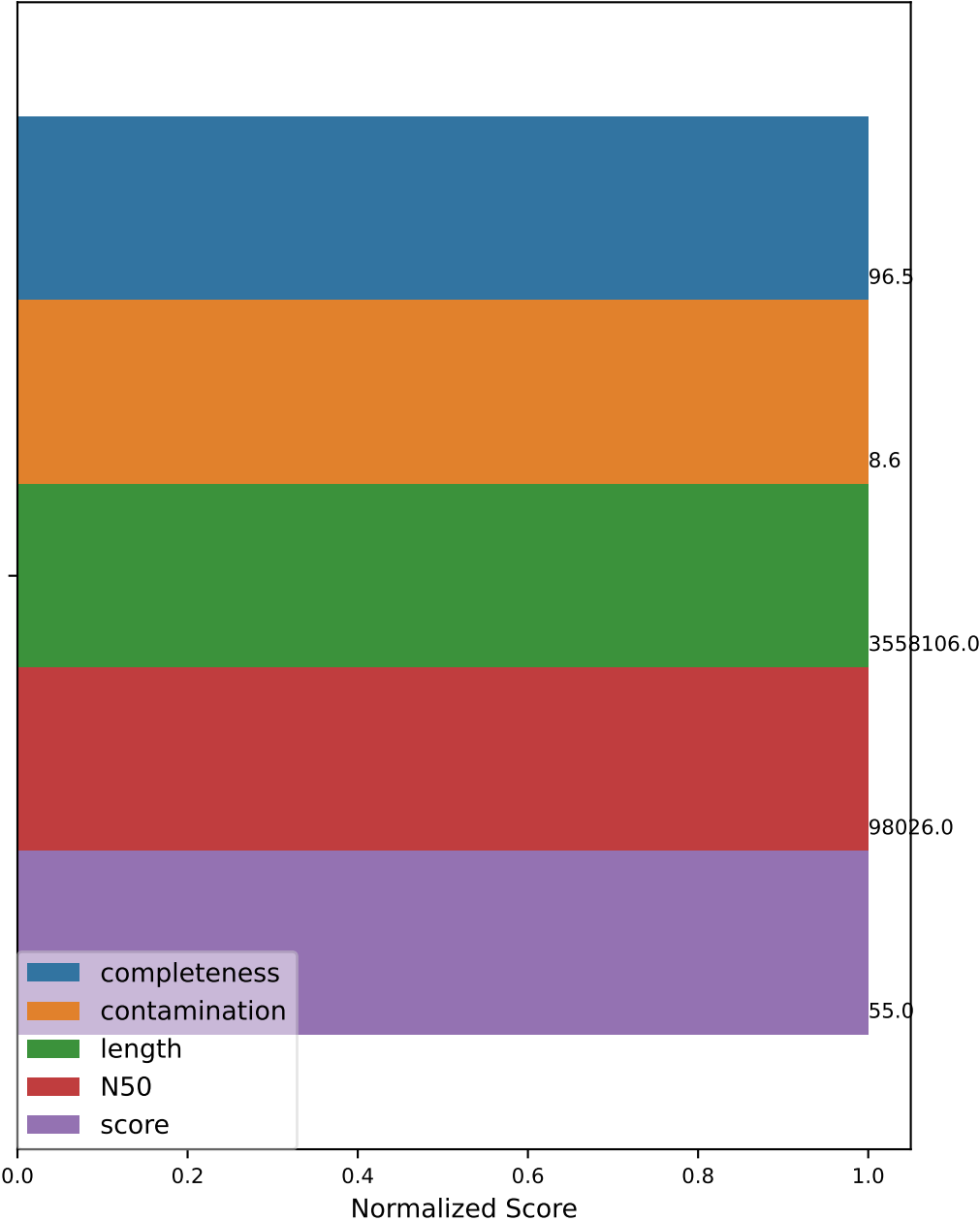
TOBG\_EAC-56.fna \*

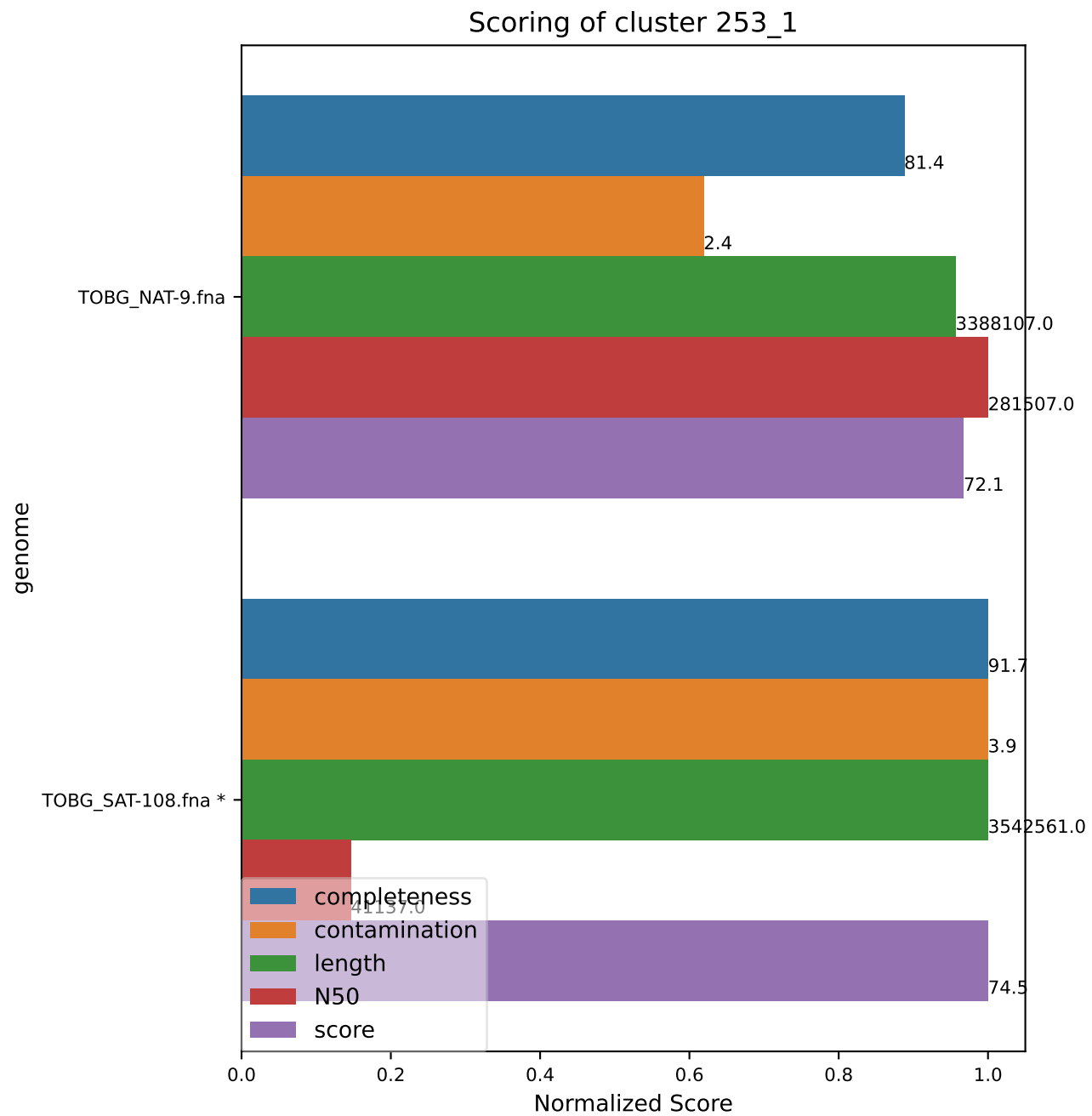


Scoring of cluster 252\_0

genome

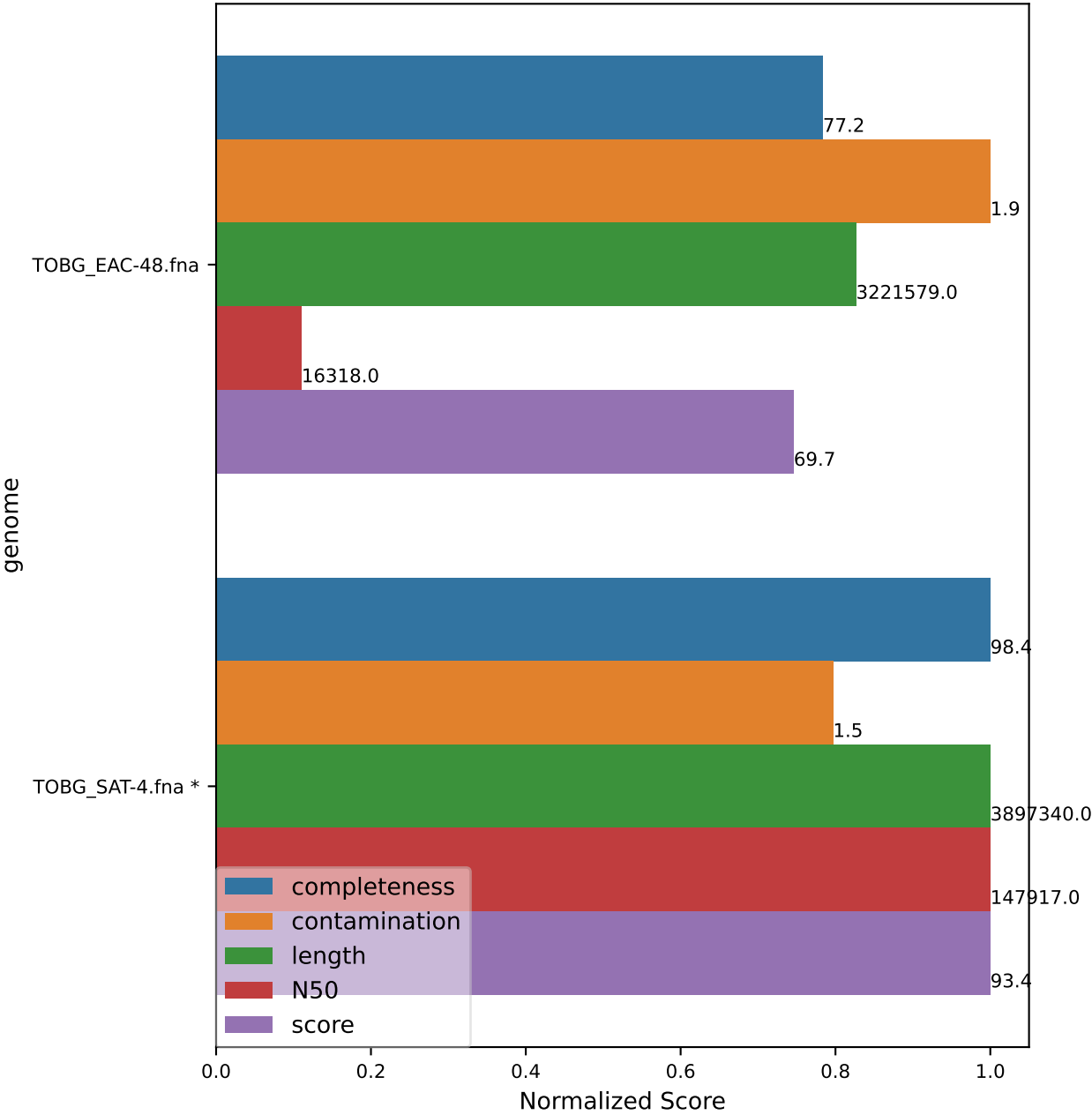
TOBG\_NAT-17.fna \*



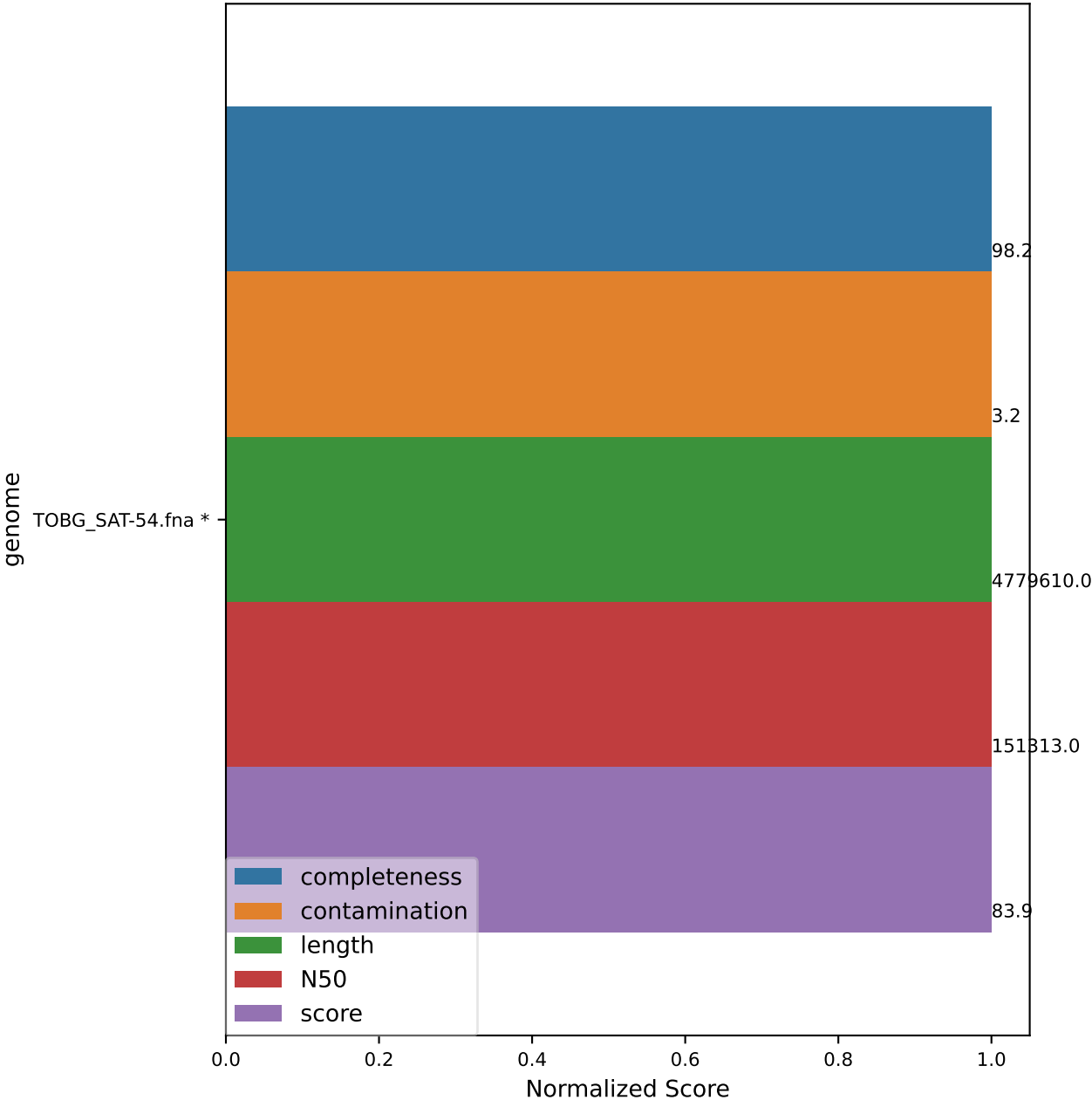




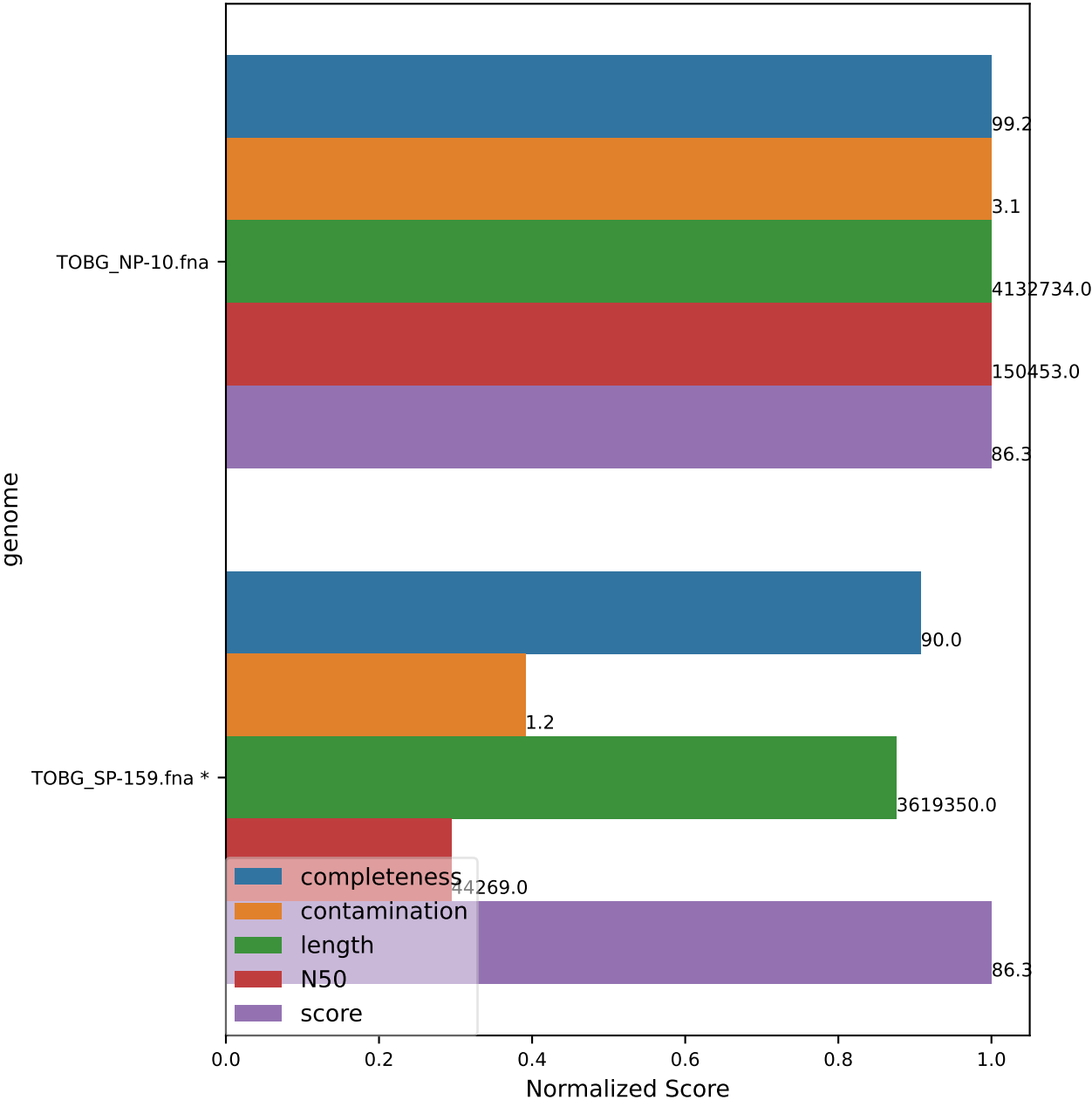
Scoring of cluster 254\_1

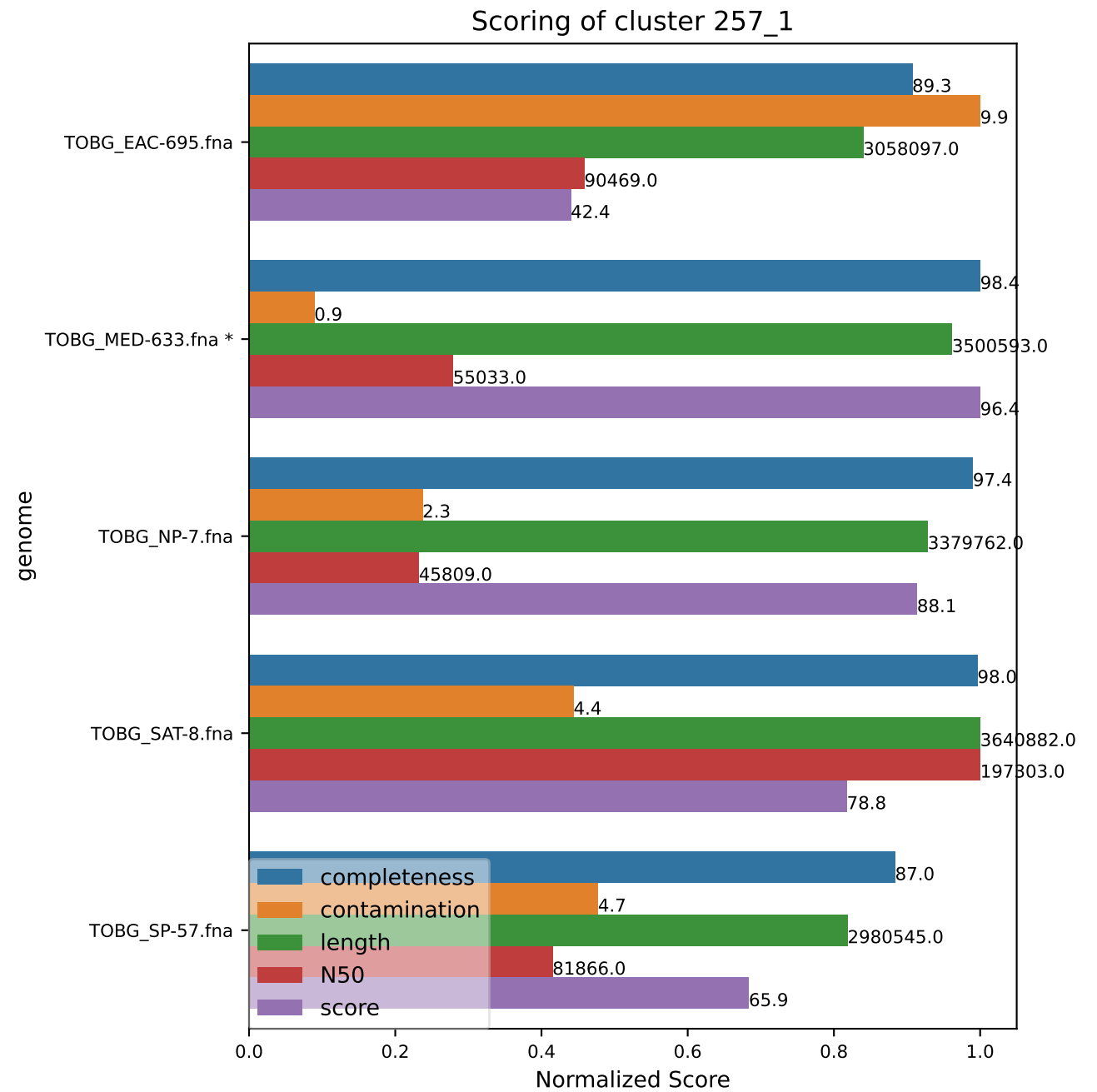


Scoring of cluster 255\_0



Scoring of cluster 256\_1

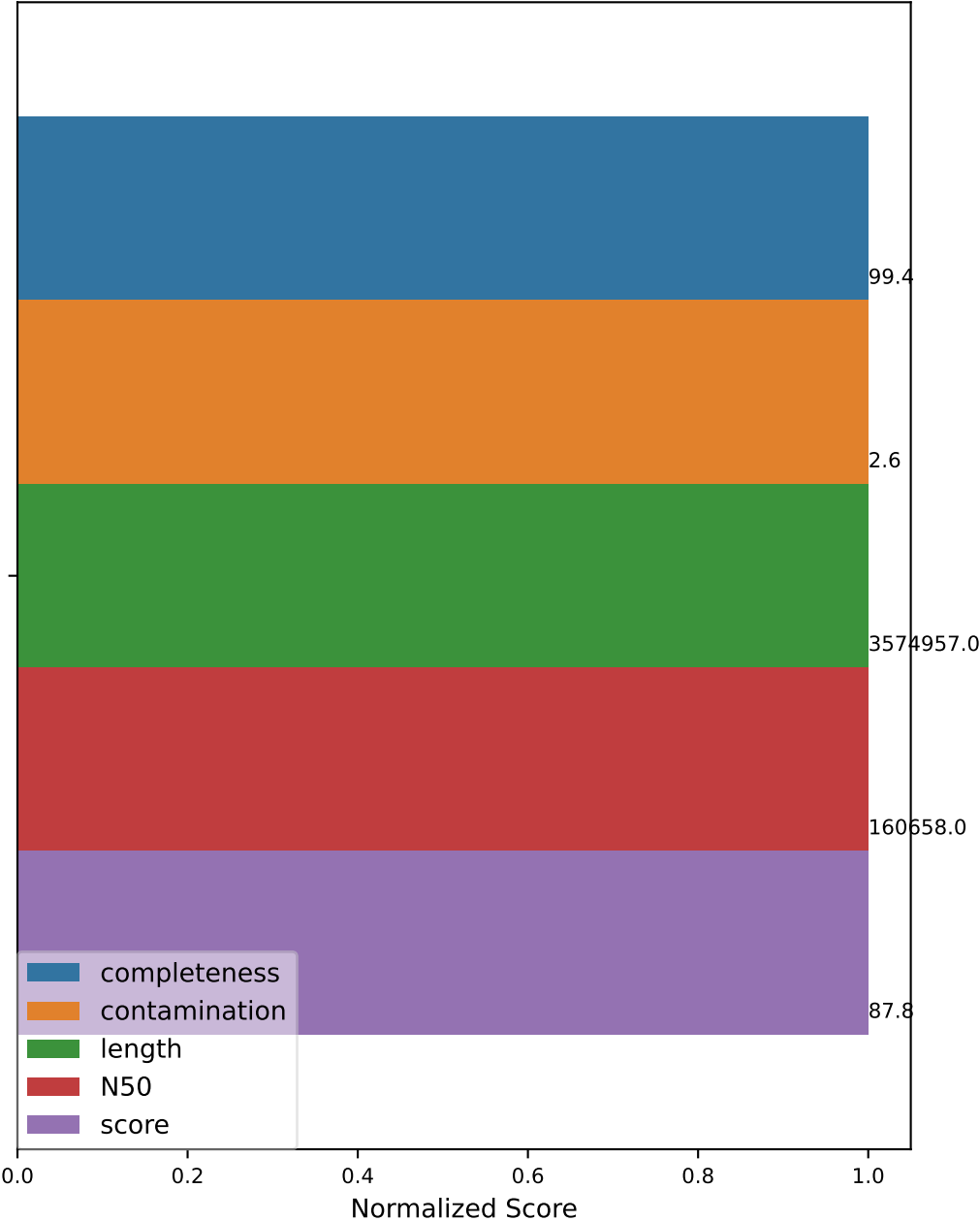




Scoring of cluster 258\_0

genome

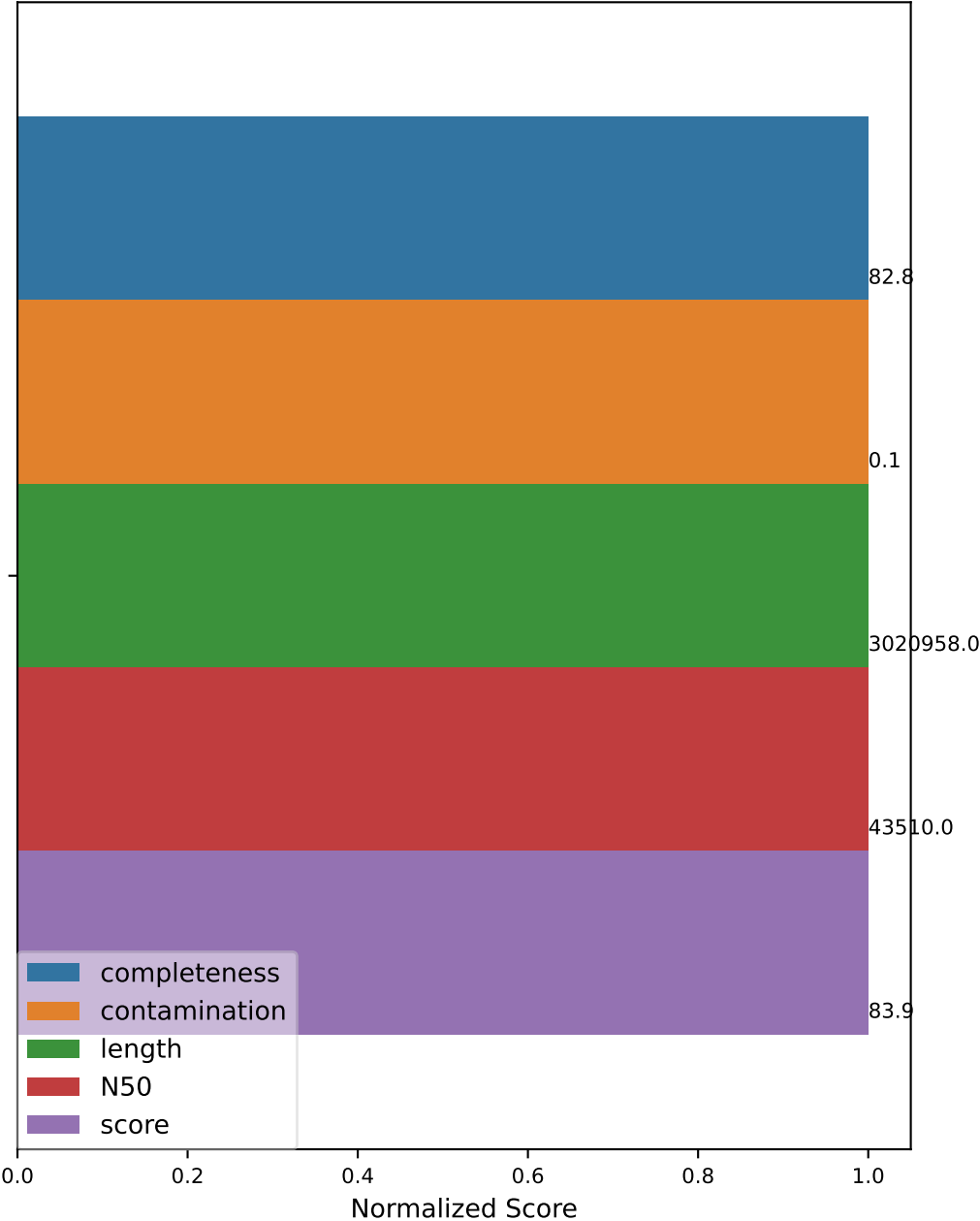
TOBG\_SAT-37.fna \*



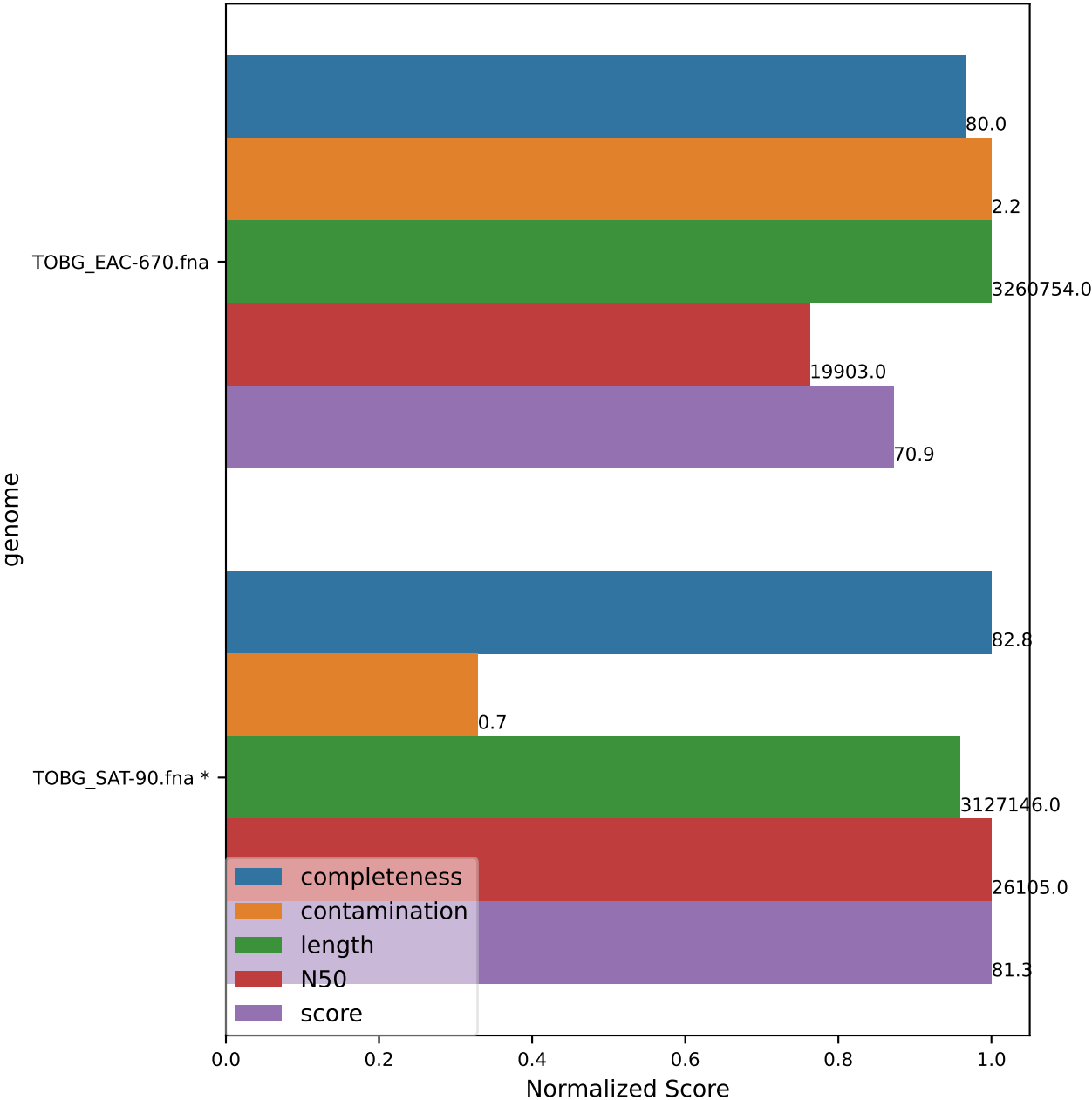
Scoring of cluster 259\_0

genome

TOBG\_SP-158.fna \*



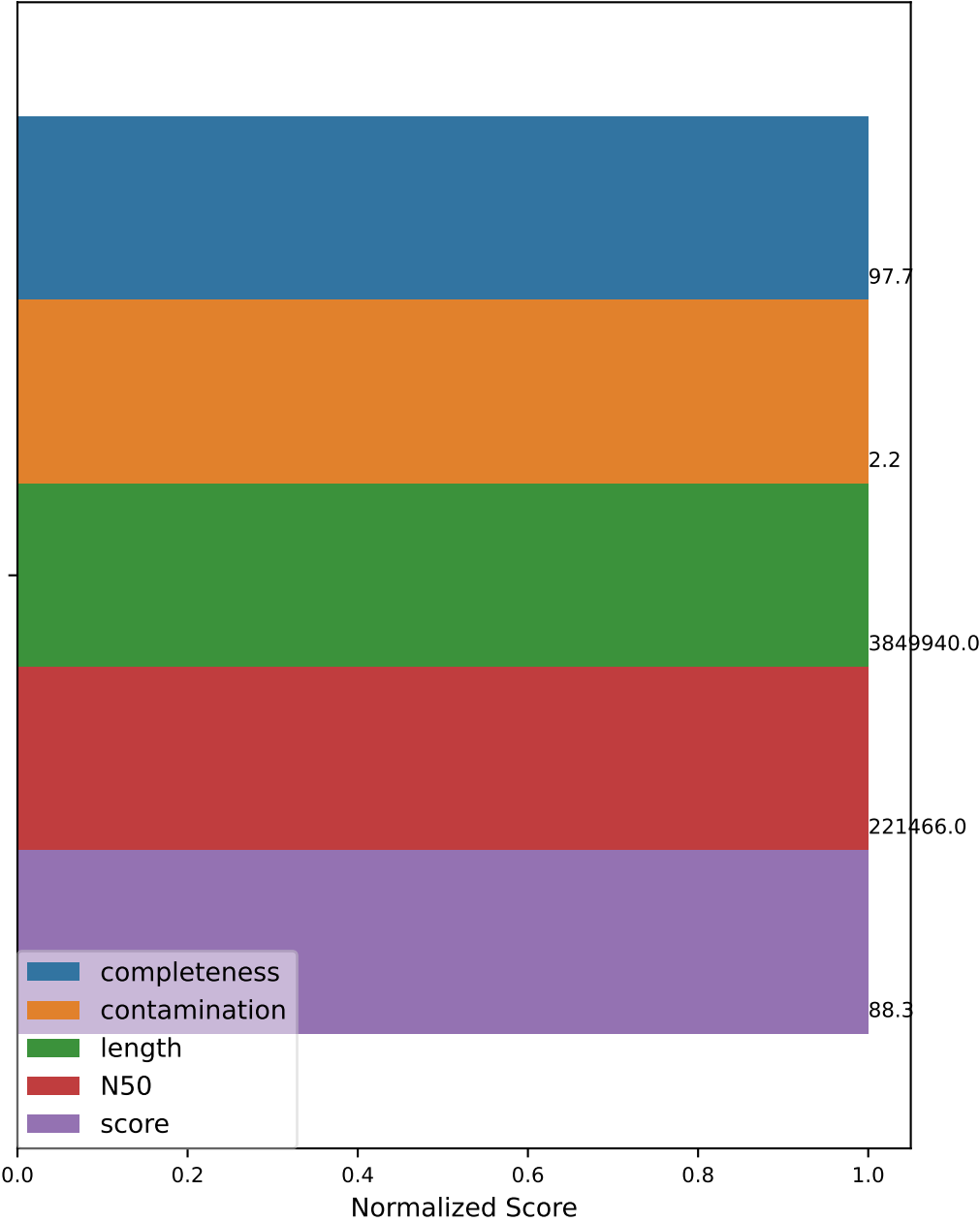
Scoring of cluster 260\_1



Scoring of cluster 261\_0

genome

TOBG\_SAT-198.fna \*

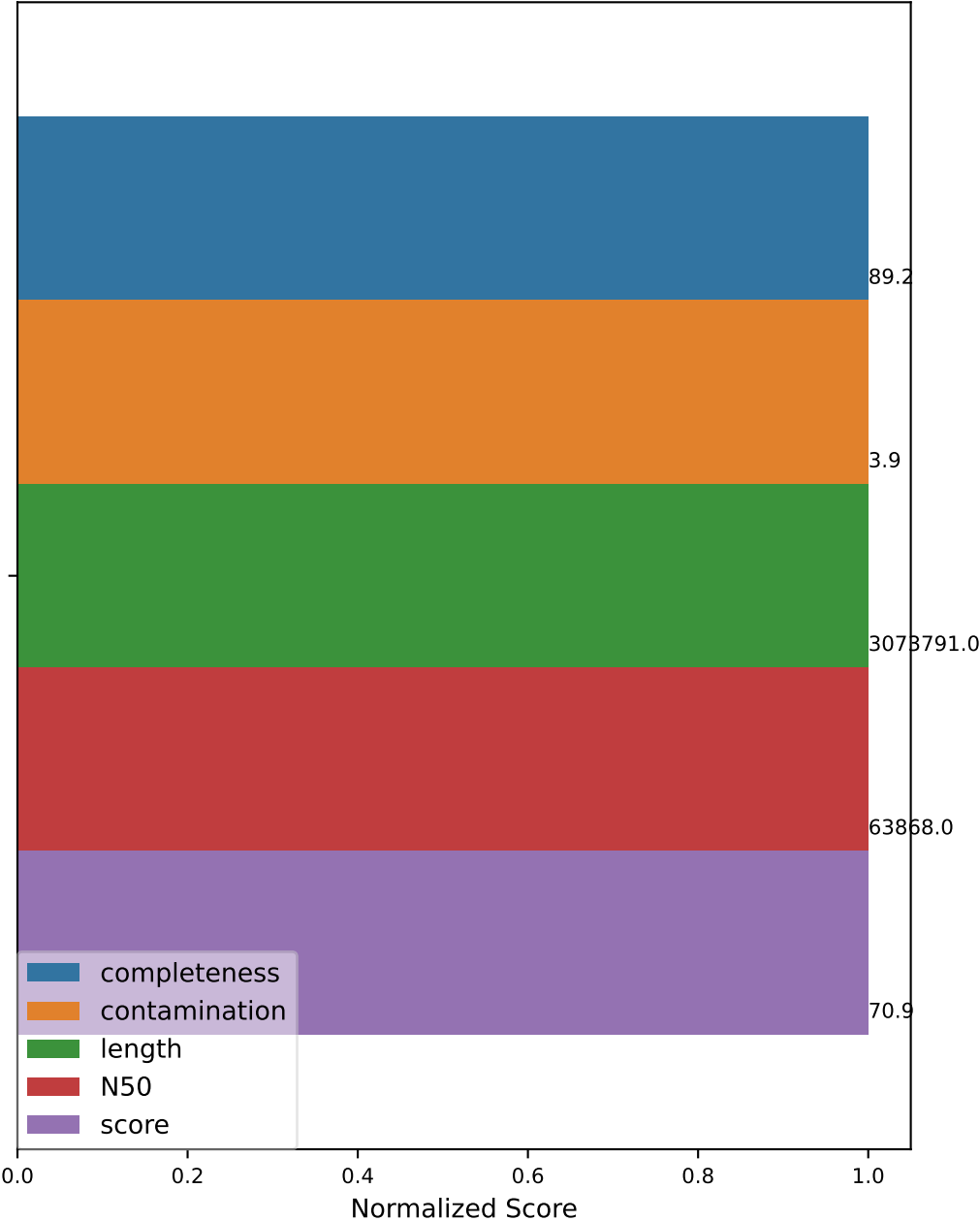




Scoring of cluster 262\_0

genome

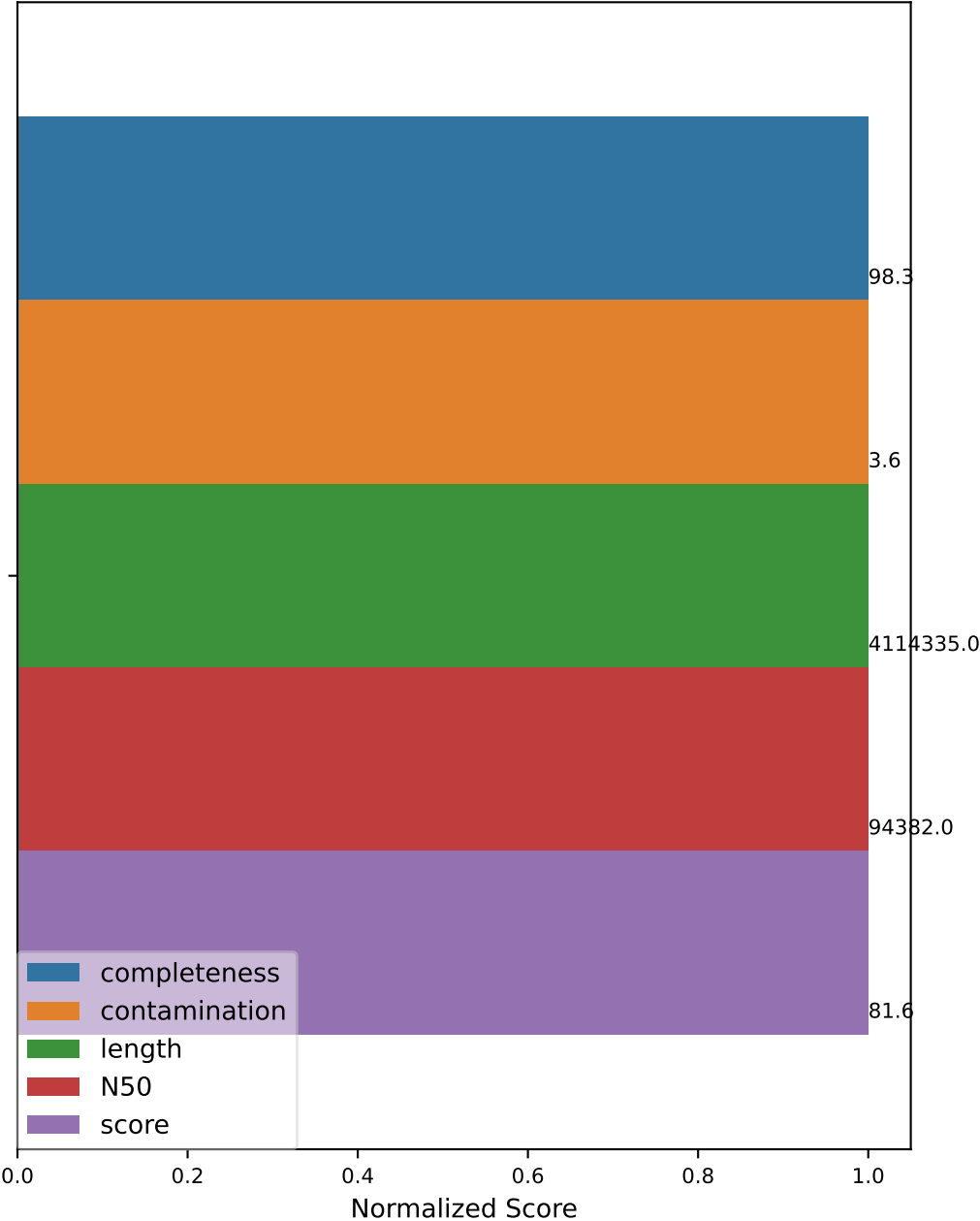
TOBG\_EAC-16.fna \*



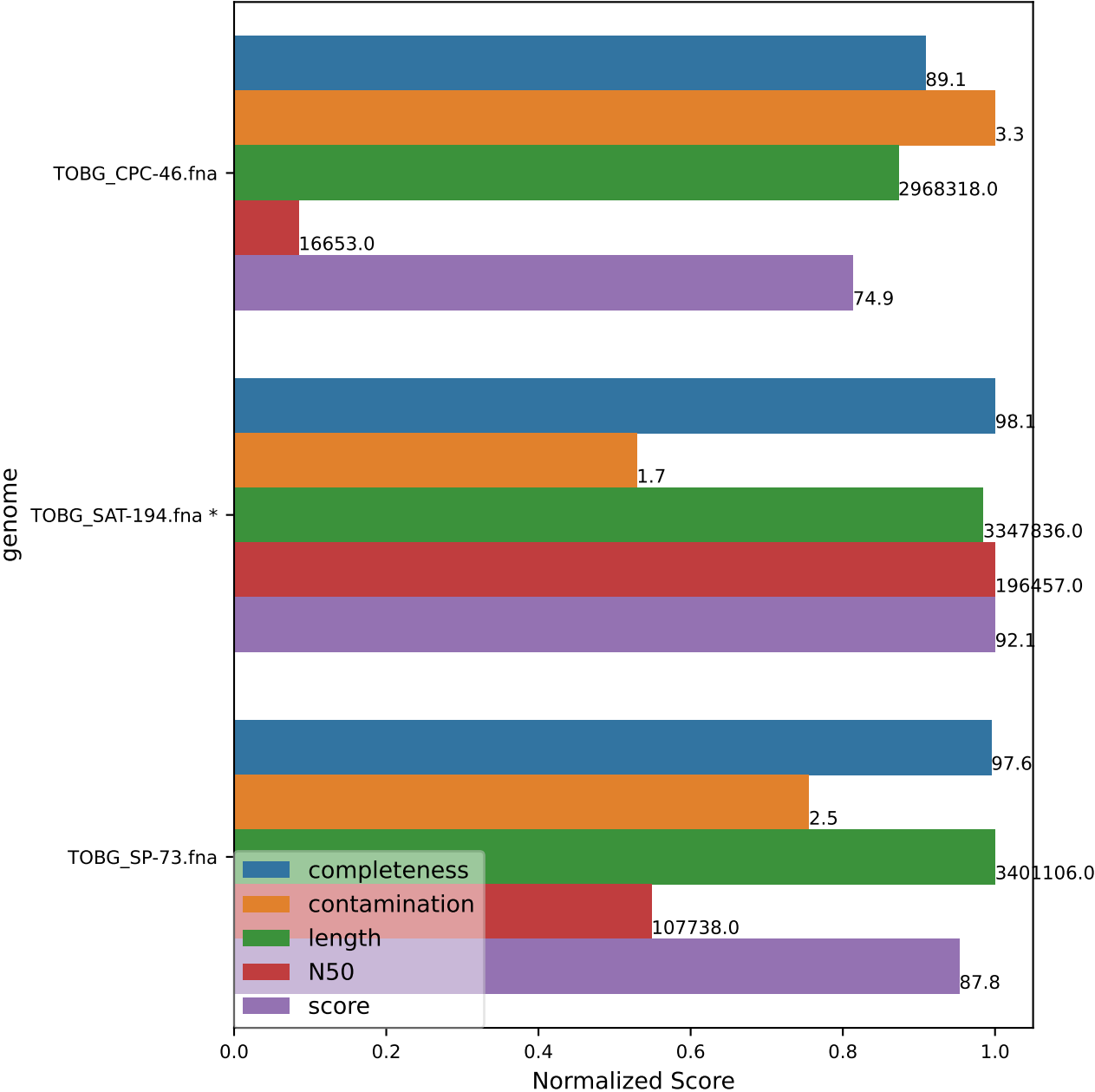
Scoring of cluster 263\_0

genome

TOBG\_NAT-82.fna \*



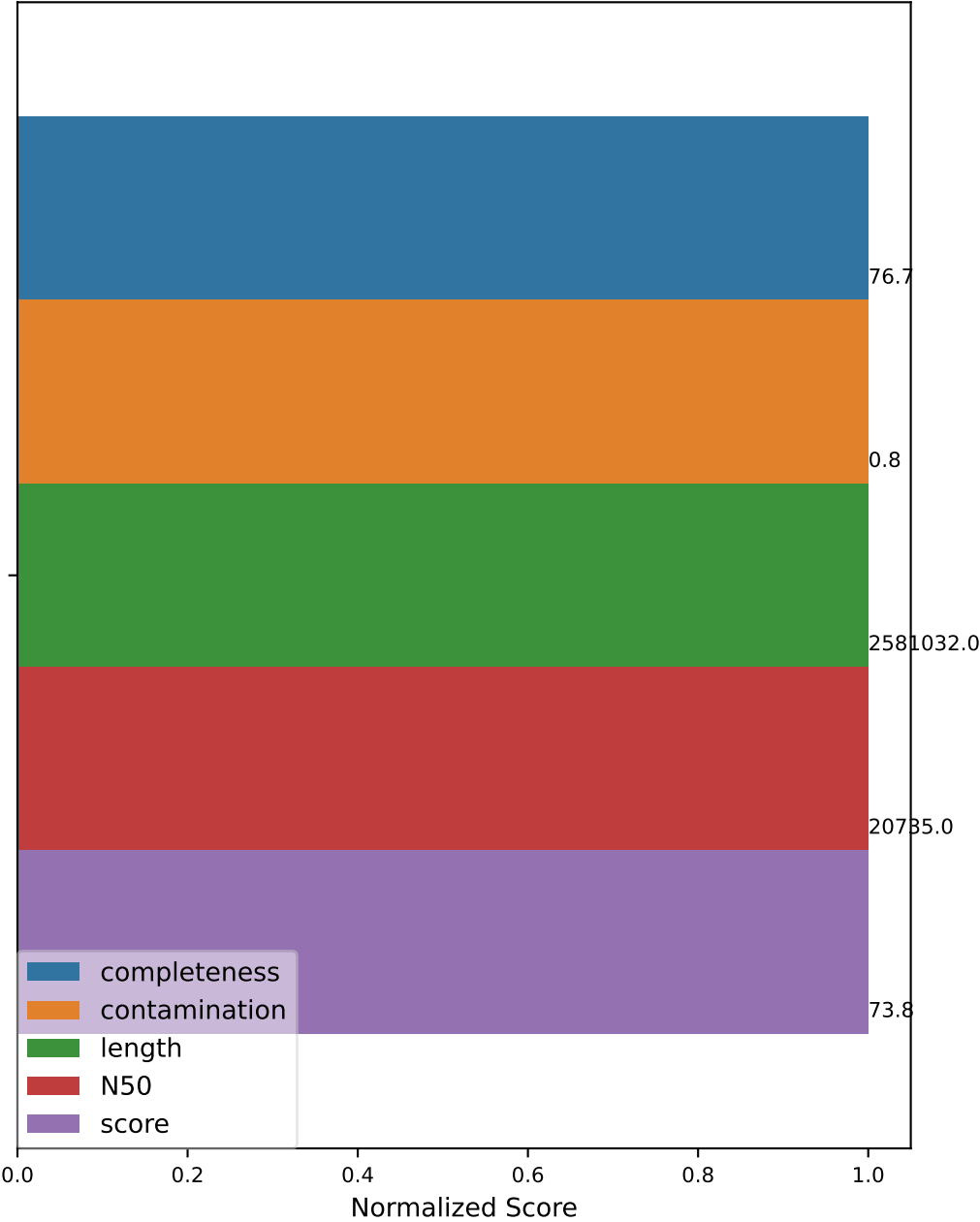
Scoring of cluster 264\_1



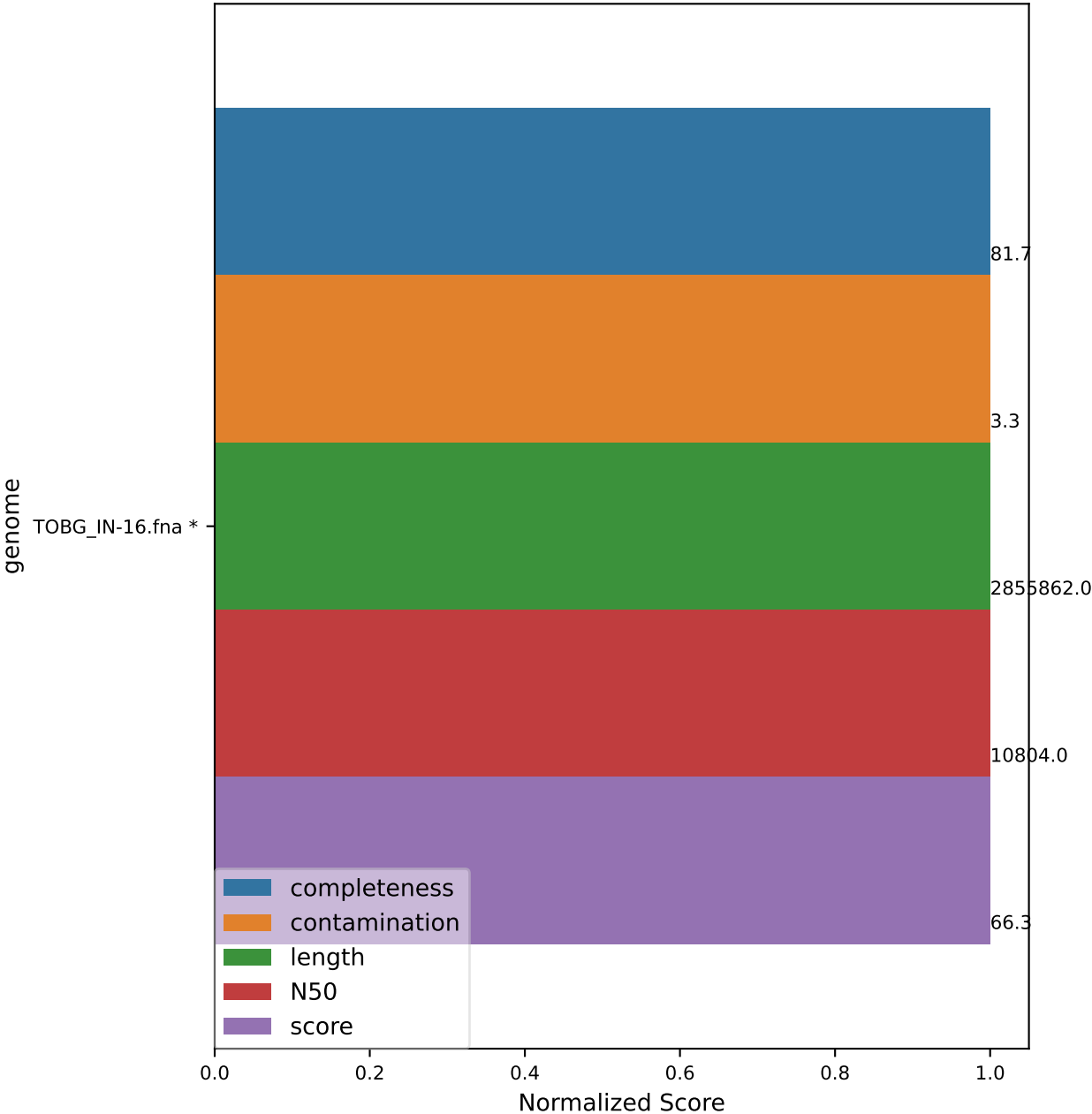
Scoring of cluster 265\_0

genome

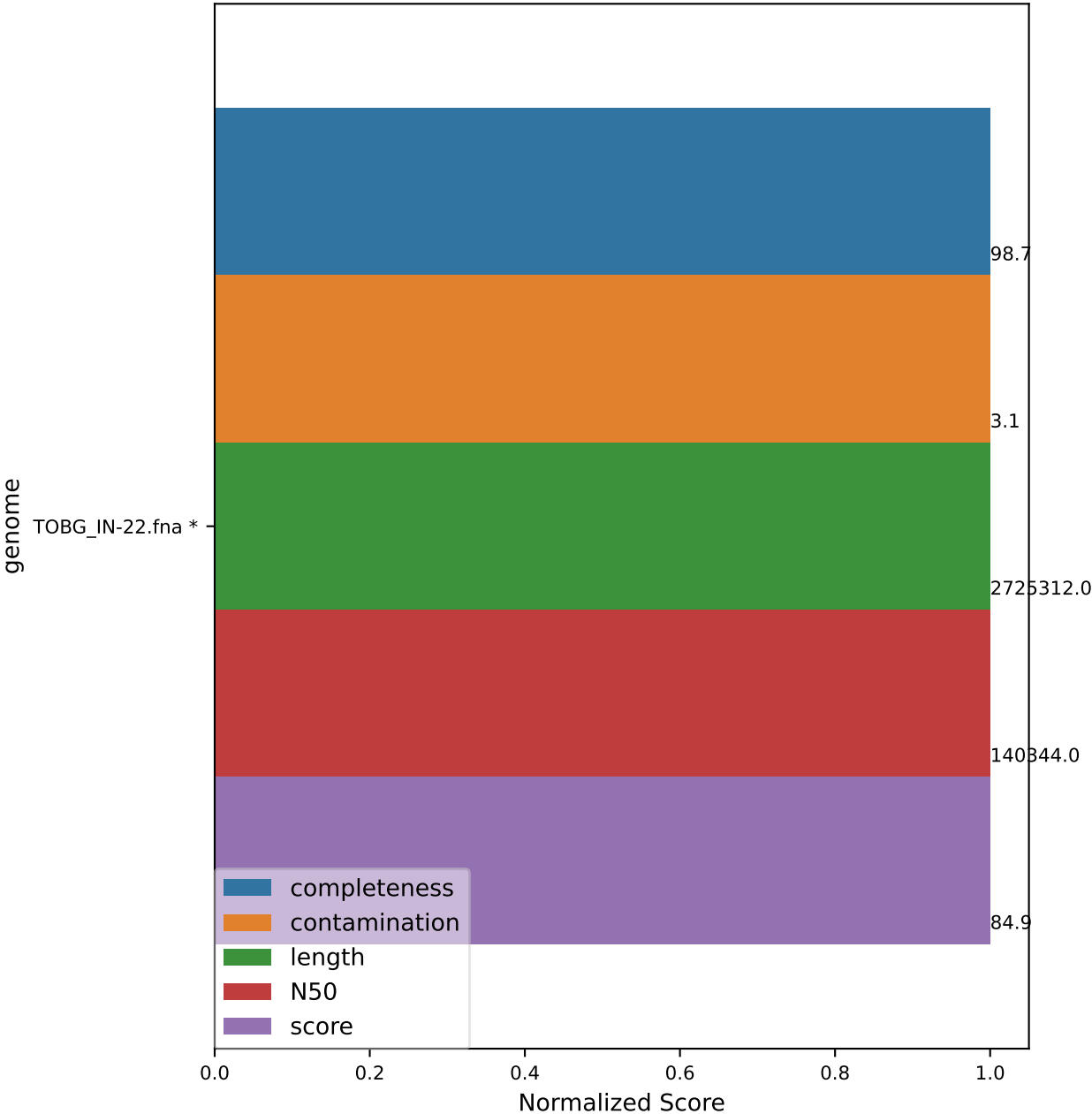
TOBG\_SAT-23.fna \*



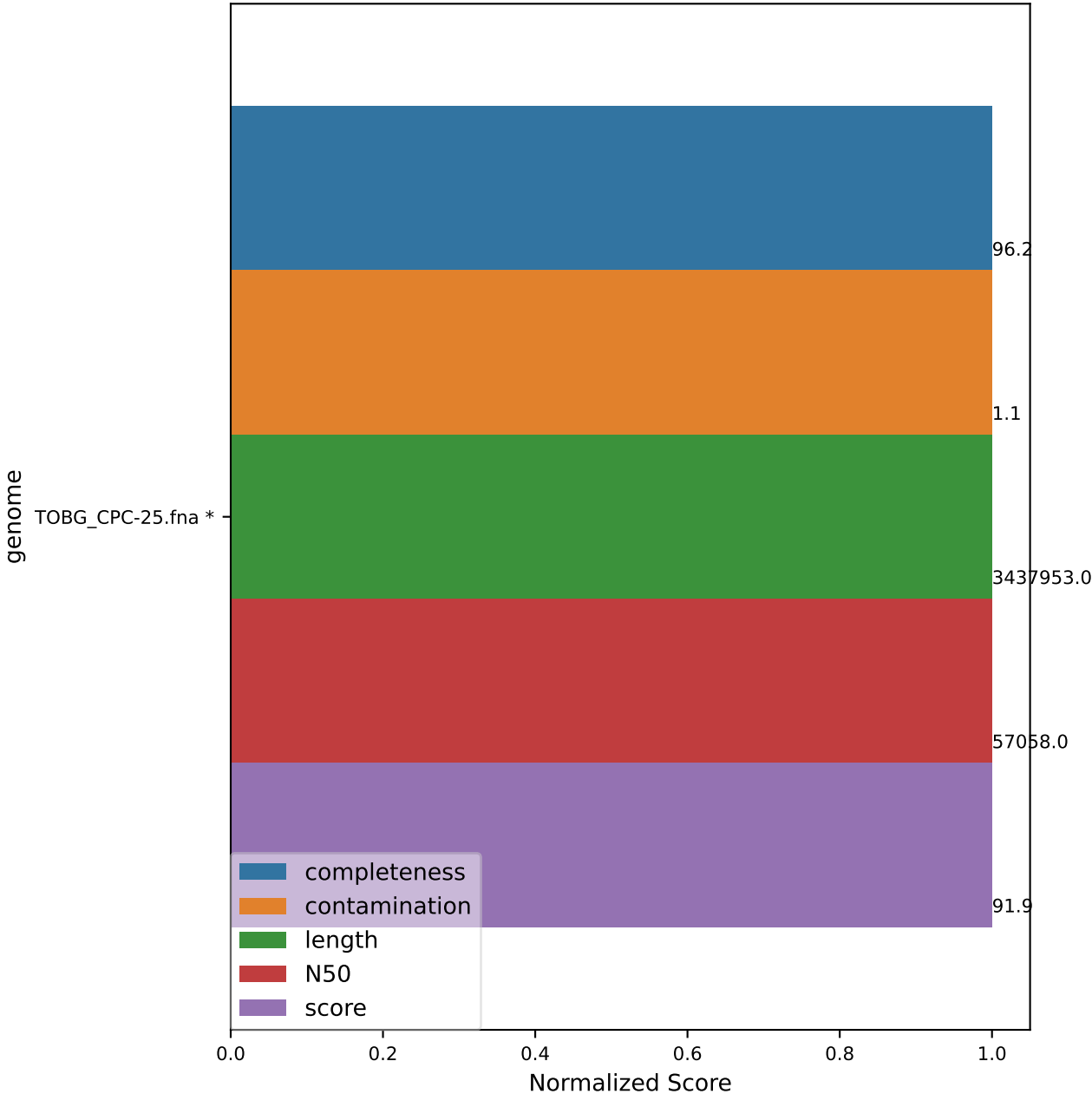
Scoring of cluster 266\_0



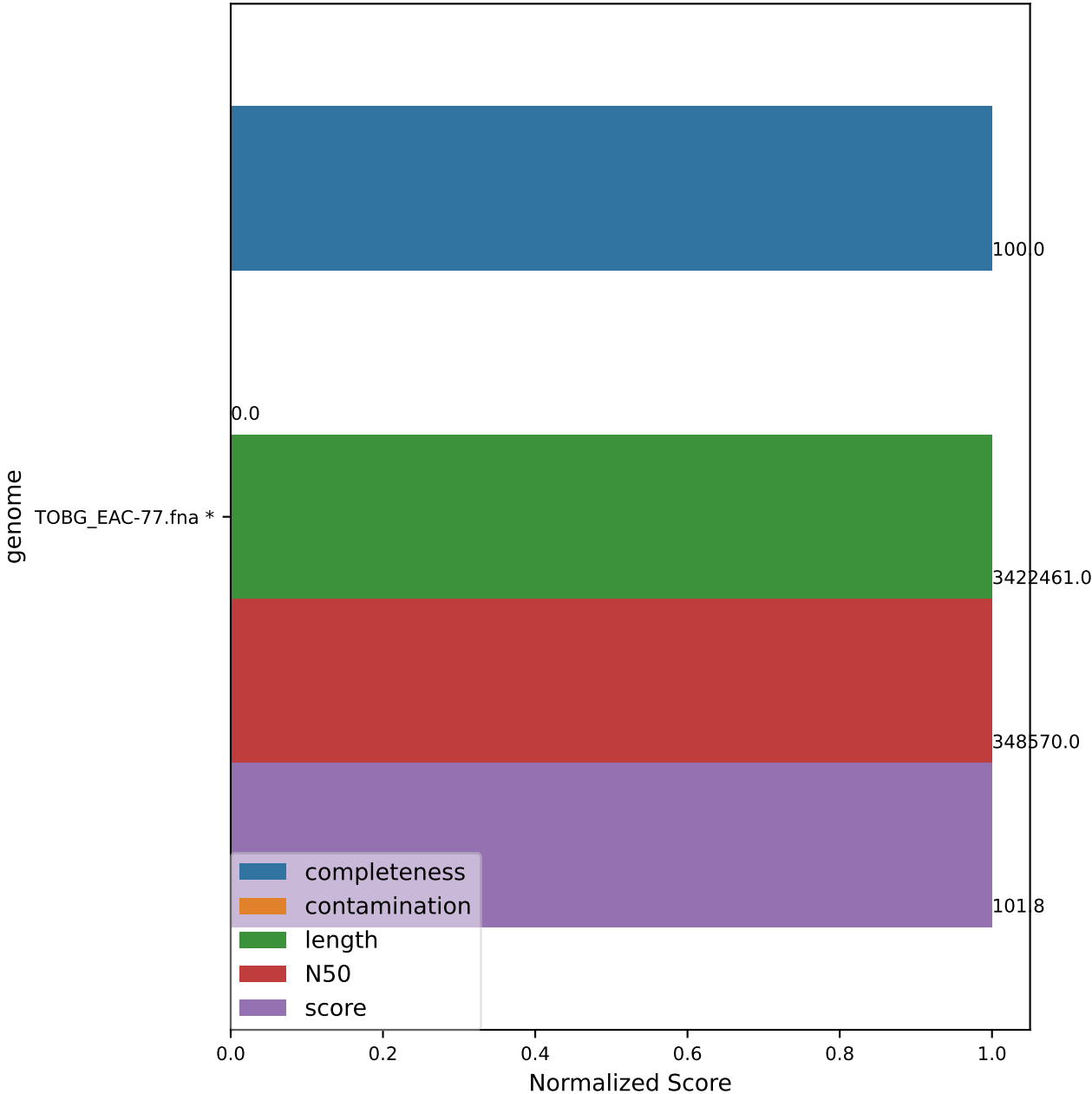
Scoring of cluster 267\_0



Scoring of cluster 268\_0

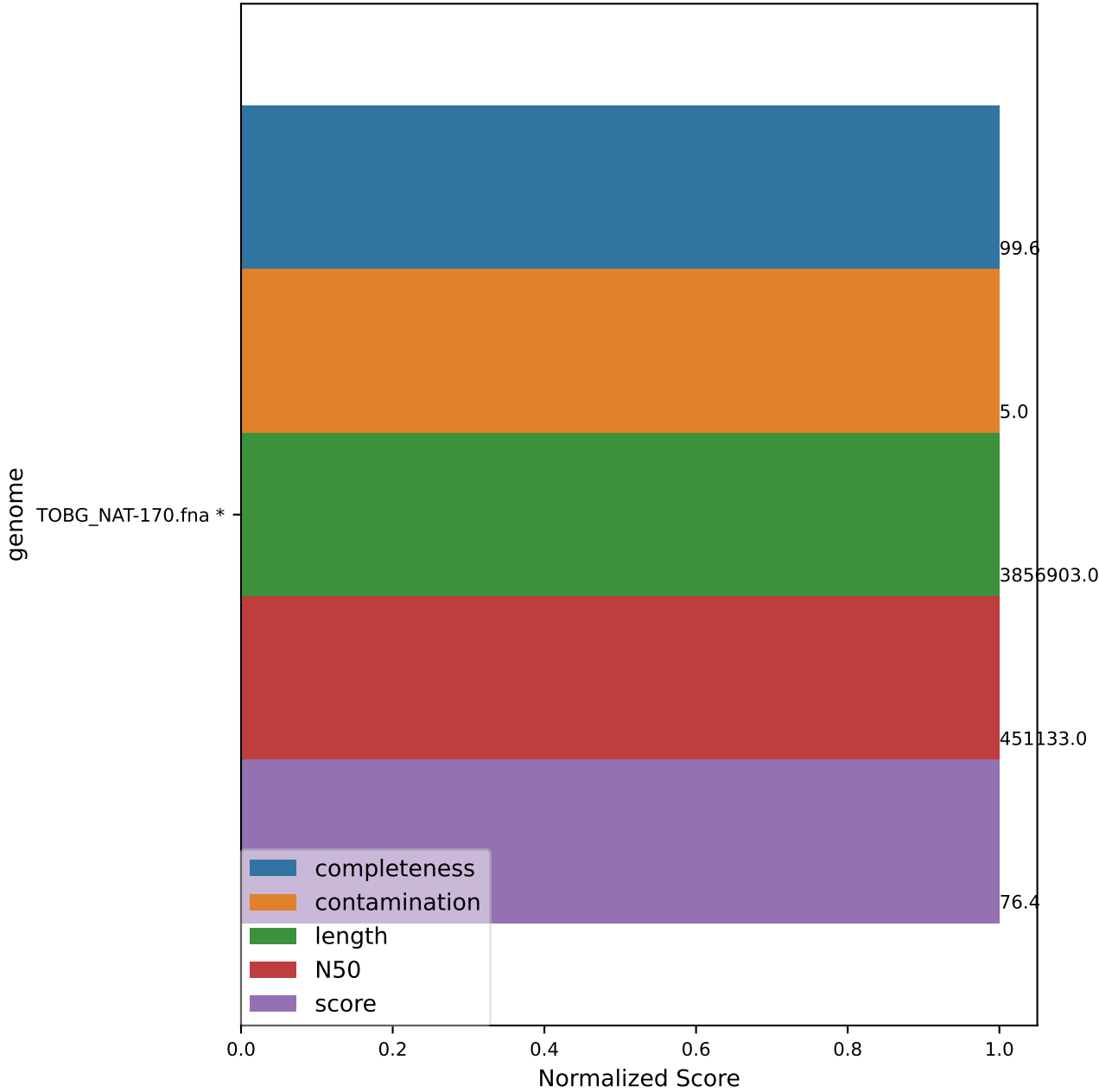


Scoring of cluster 269\_0





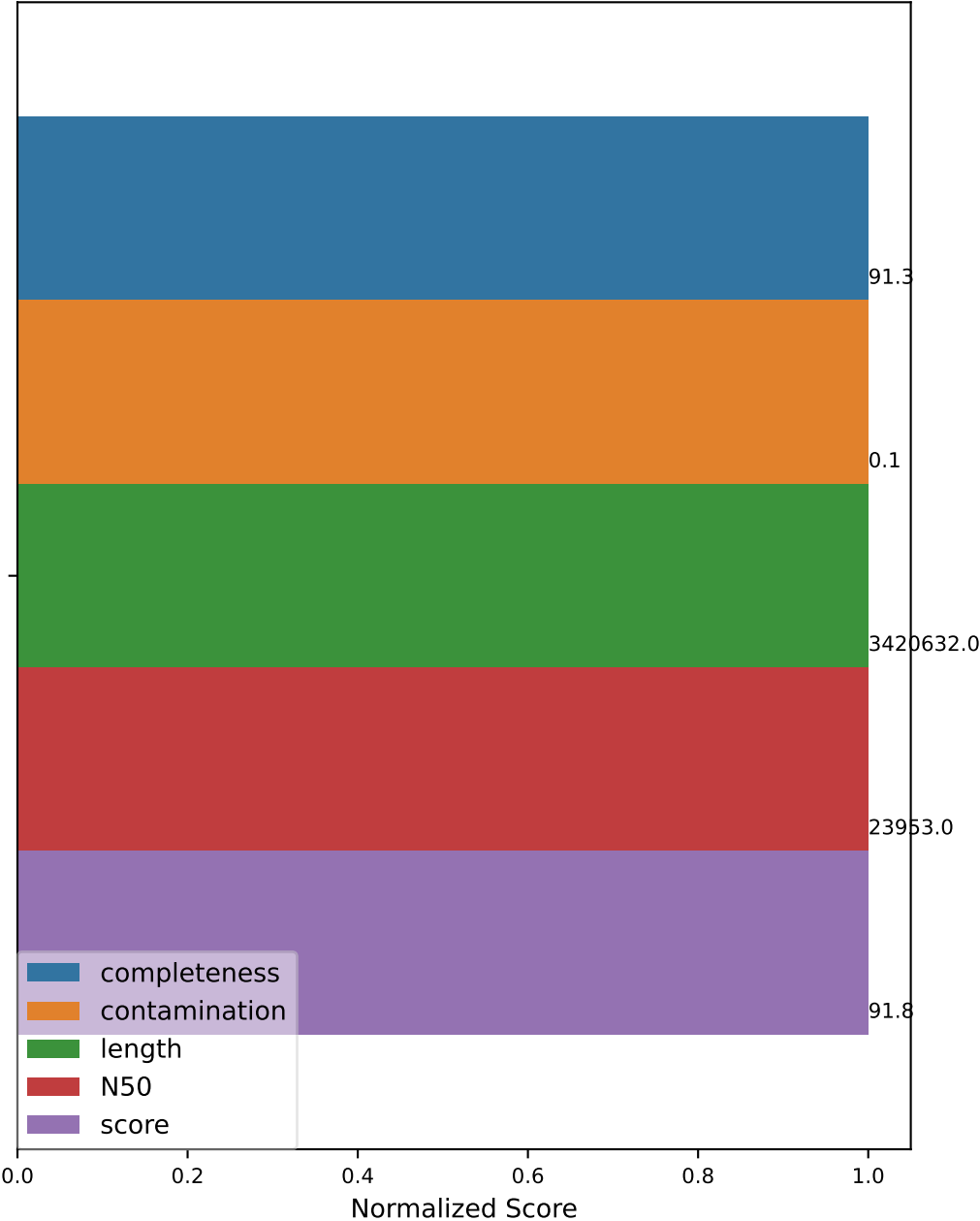
Scoring of cluster 270\_0



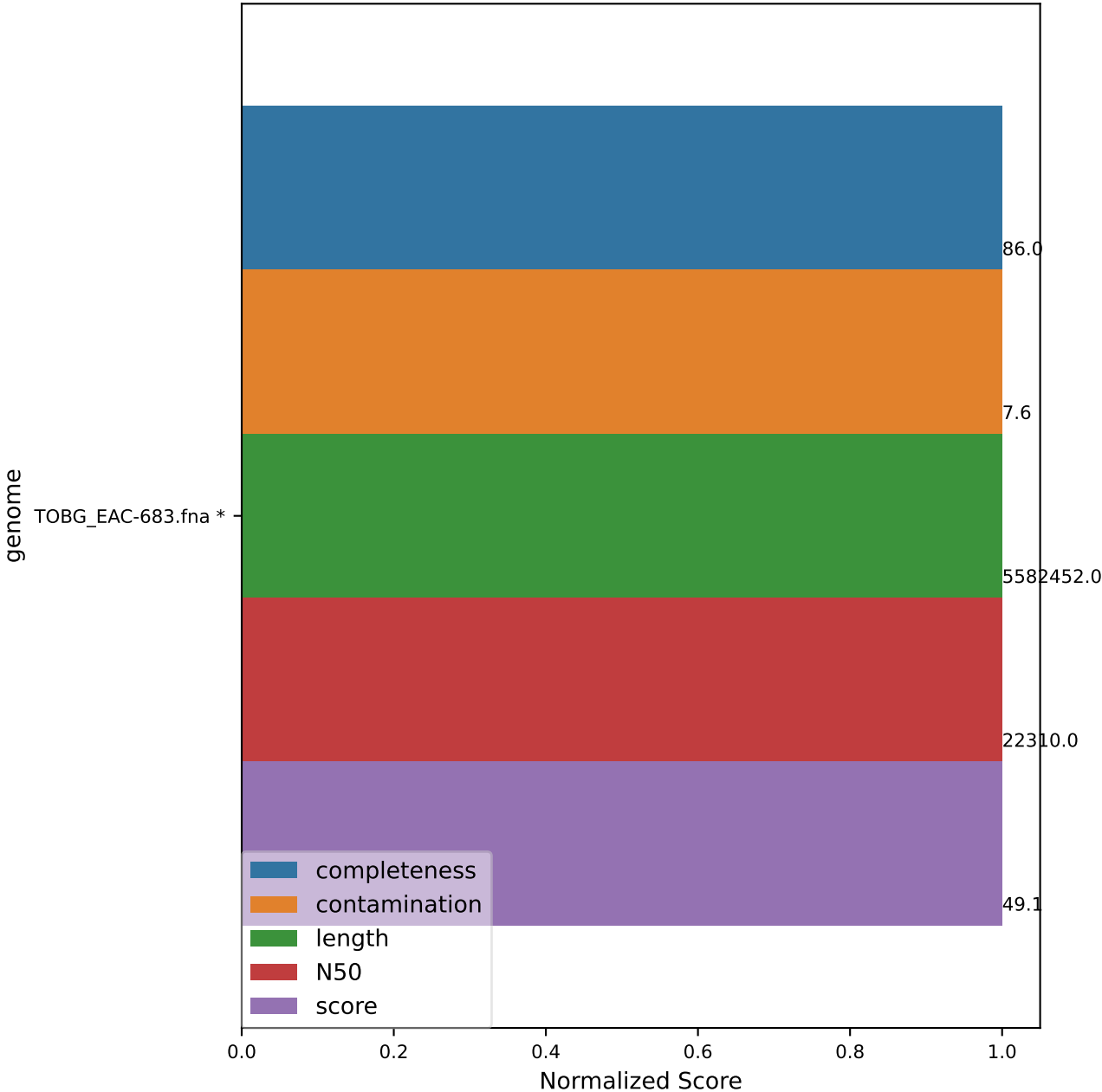
Scoring of cluster 271\_0

genome

TOBG\_CPC-32.fna \*



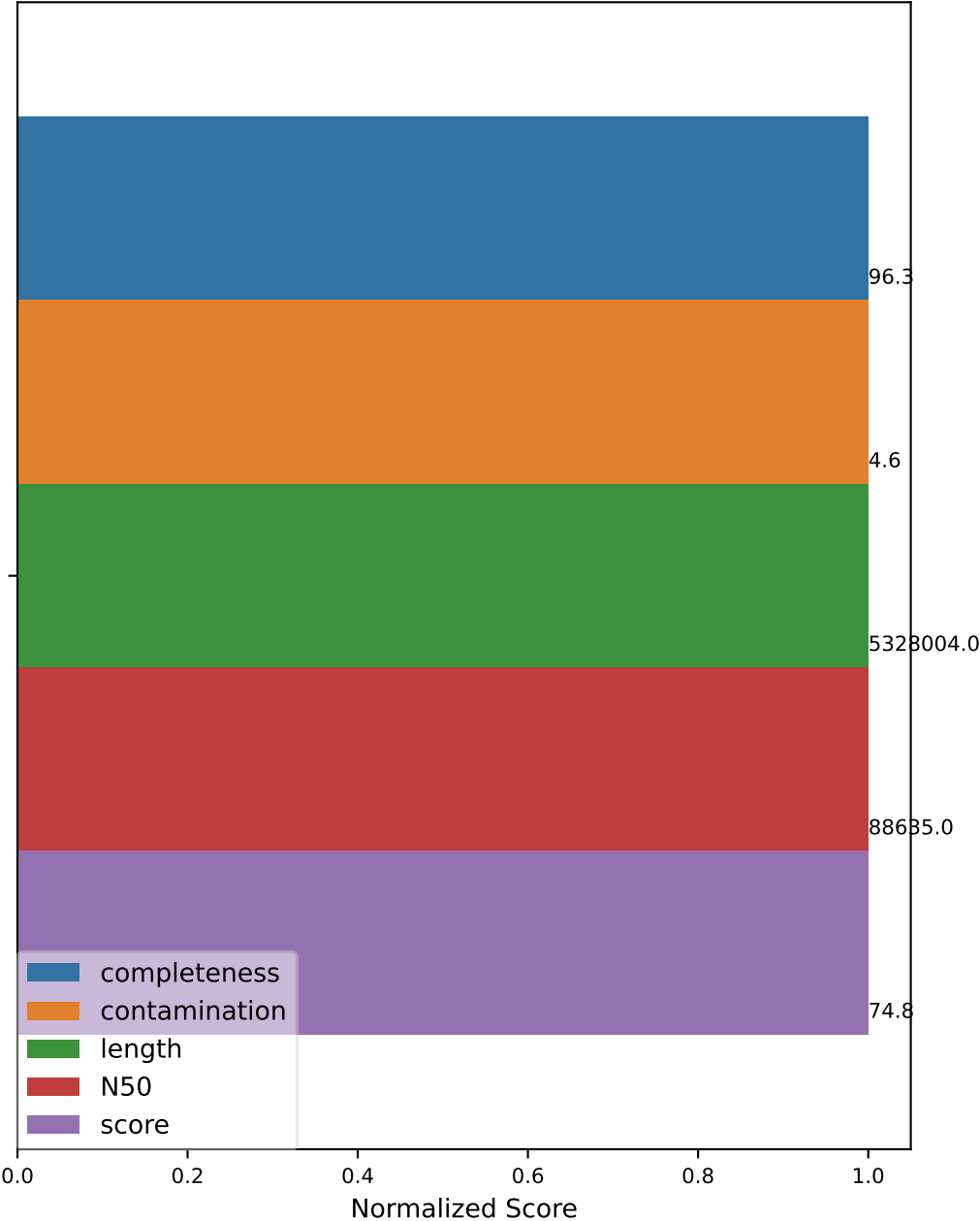
Scoring of cluster 272\_0



Scoring of cluster 273\_0

genome

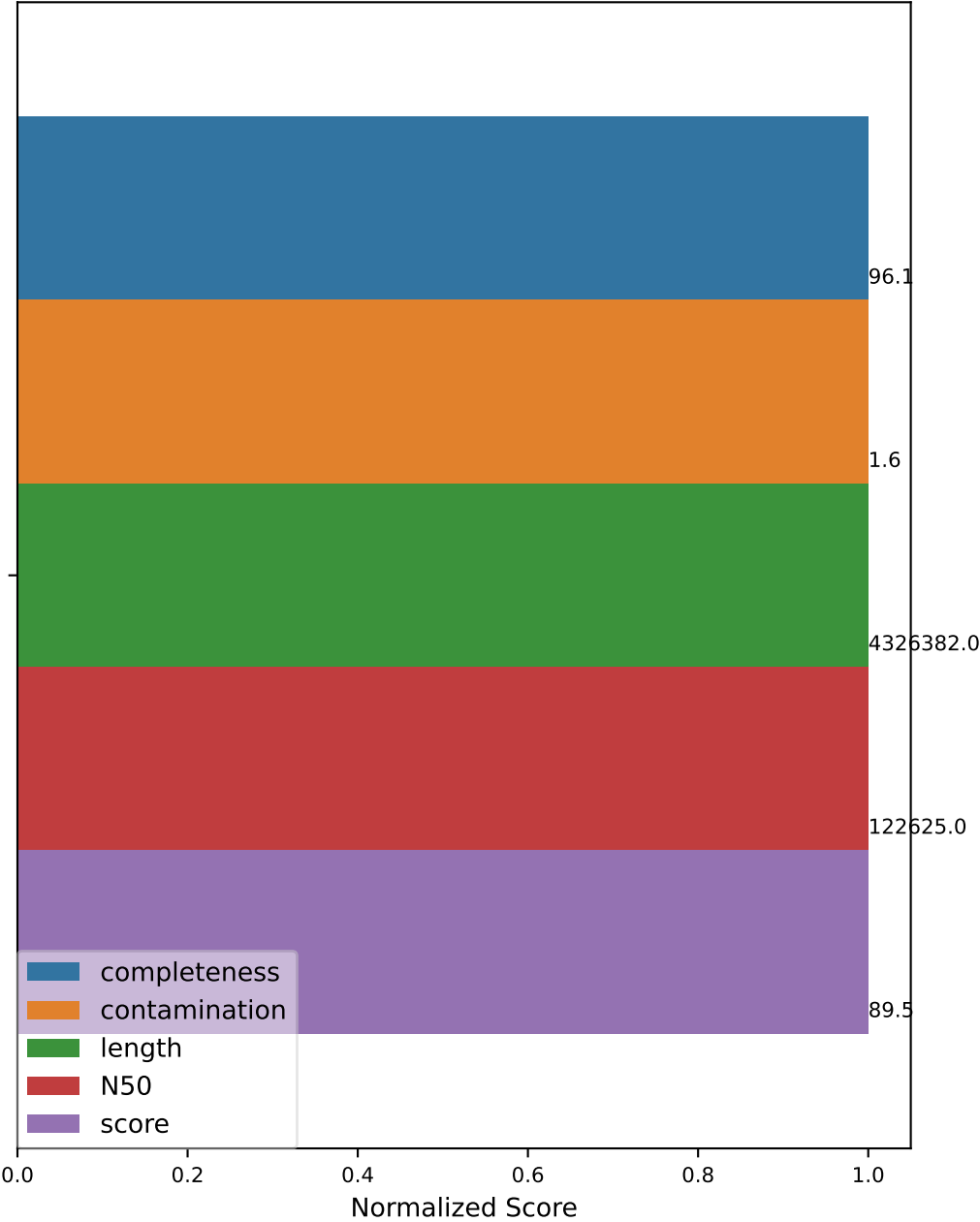
TOBG\_NAT-10.fna \*



Scoring of cluster 274\_0

genome

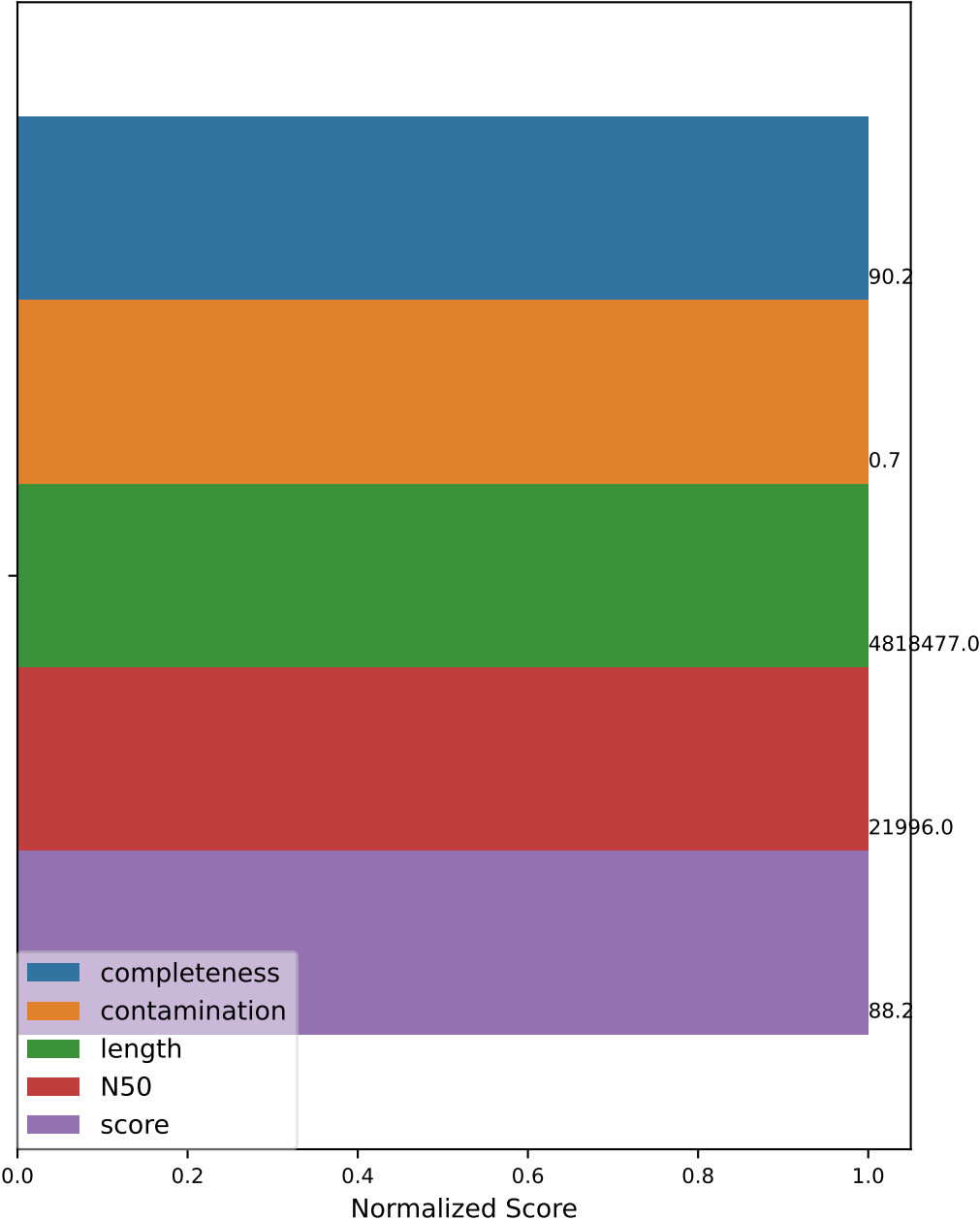
TOBG\_NAT-291.fna \*



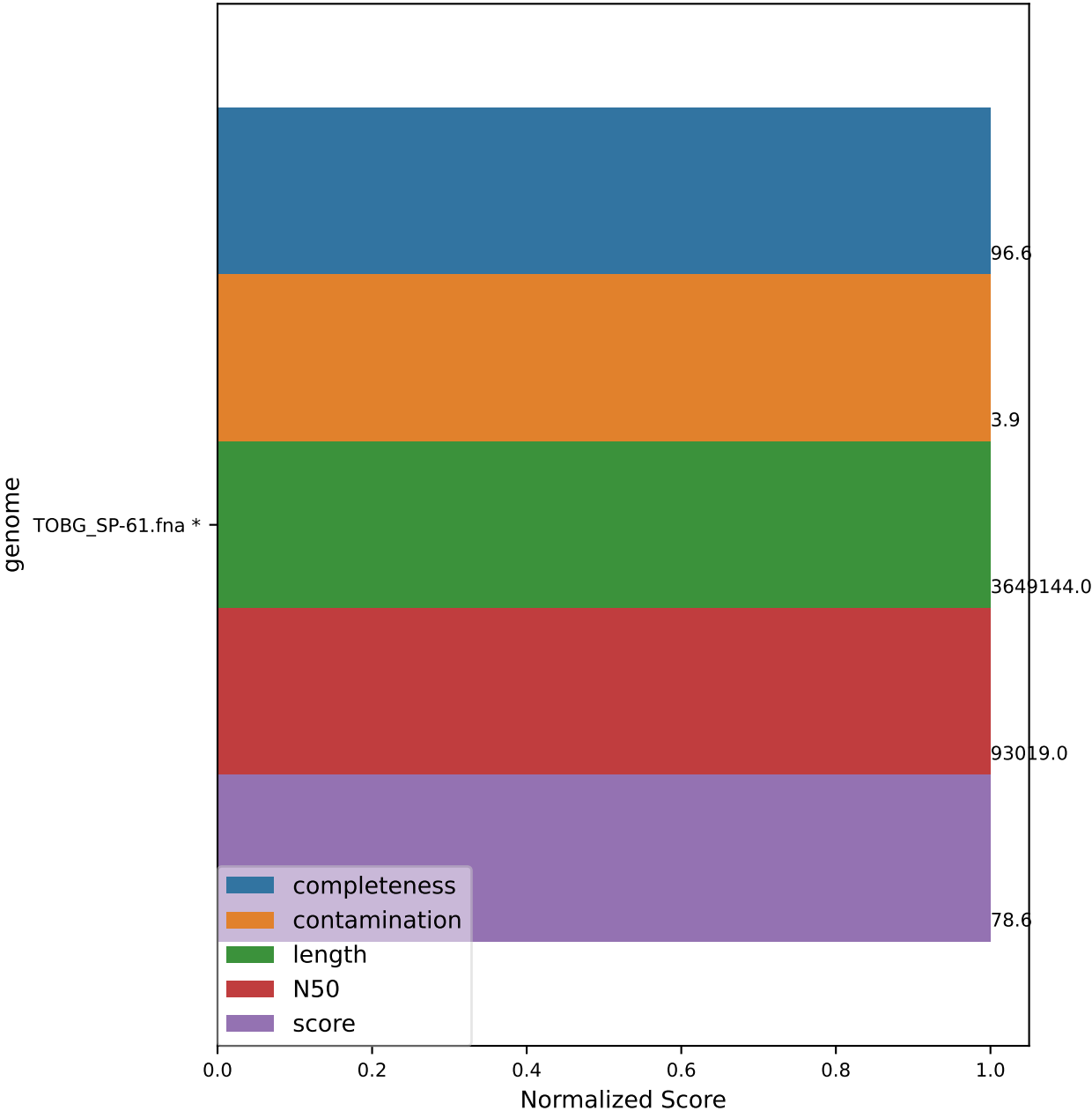
Scoring of cluster 275\_0

genome

TOBG\_EAC-60.fna \*



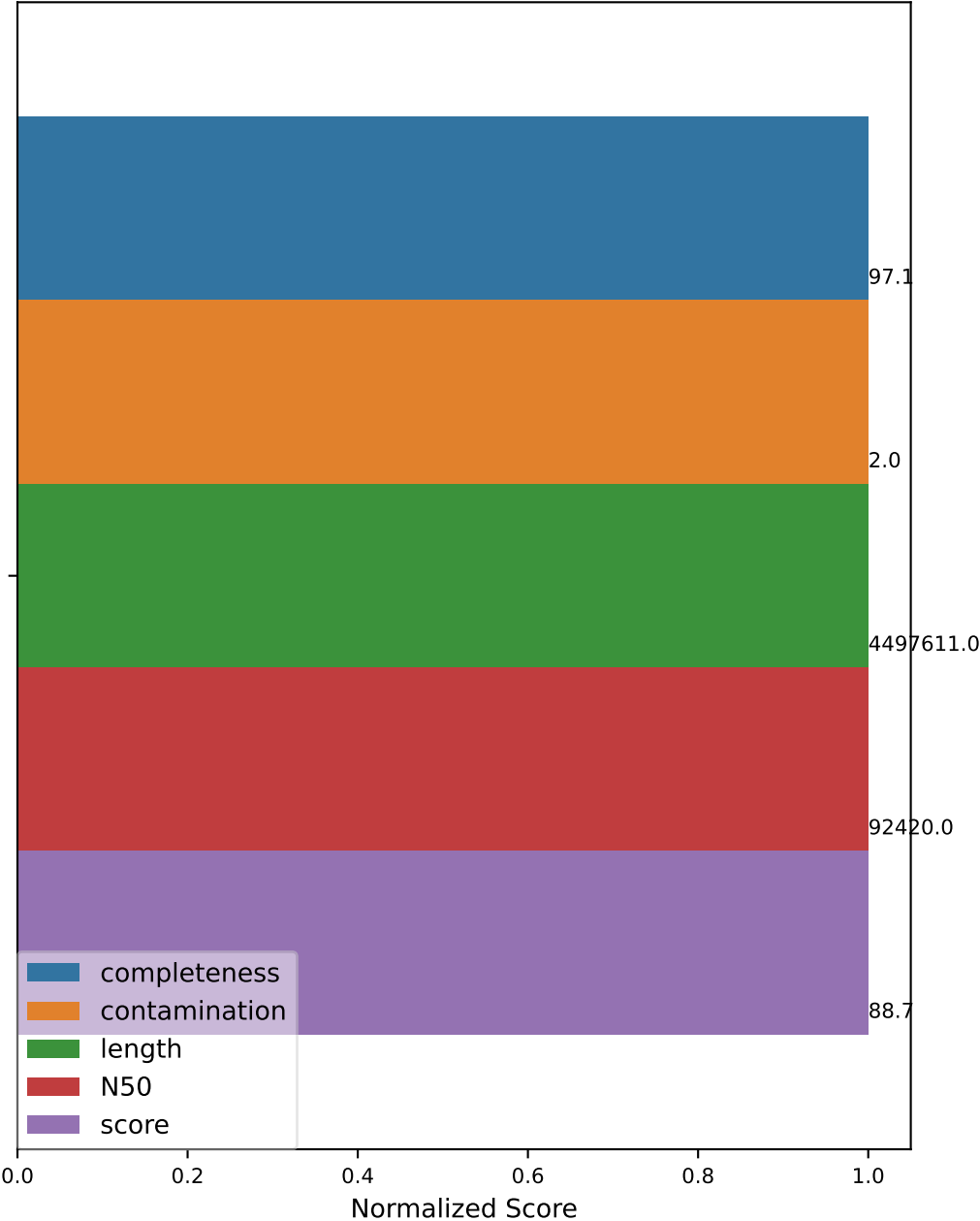
Scoring of cluster 276\_0



Scoring of cluster 277\_0

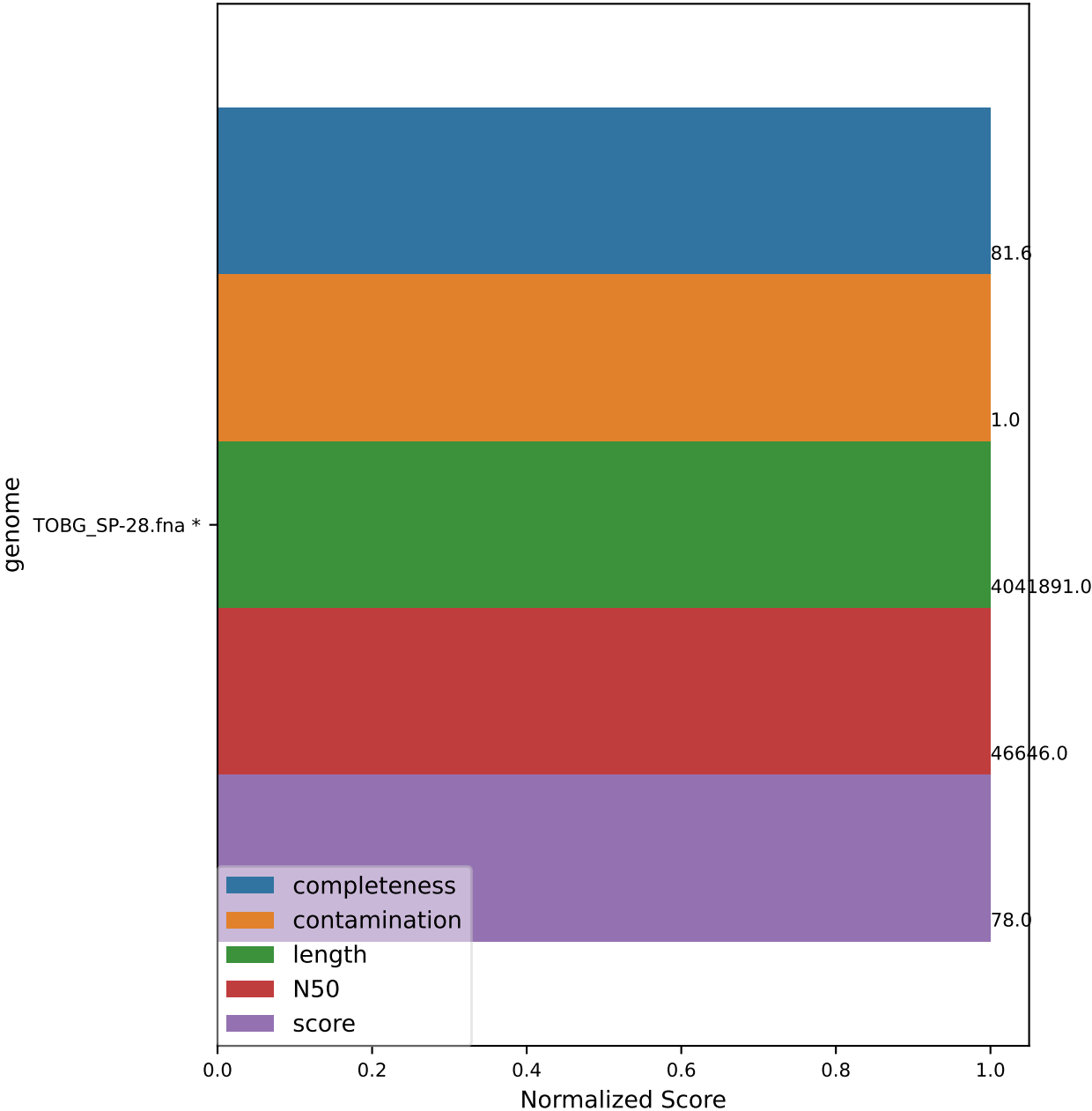
genome

TOBG\_NAT-21.fna \*





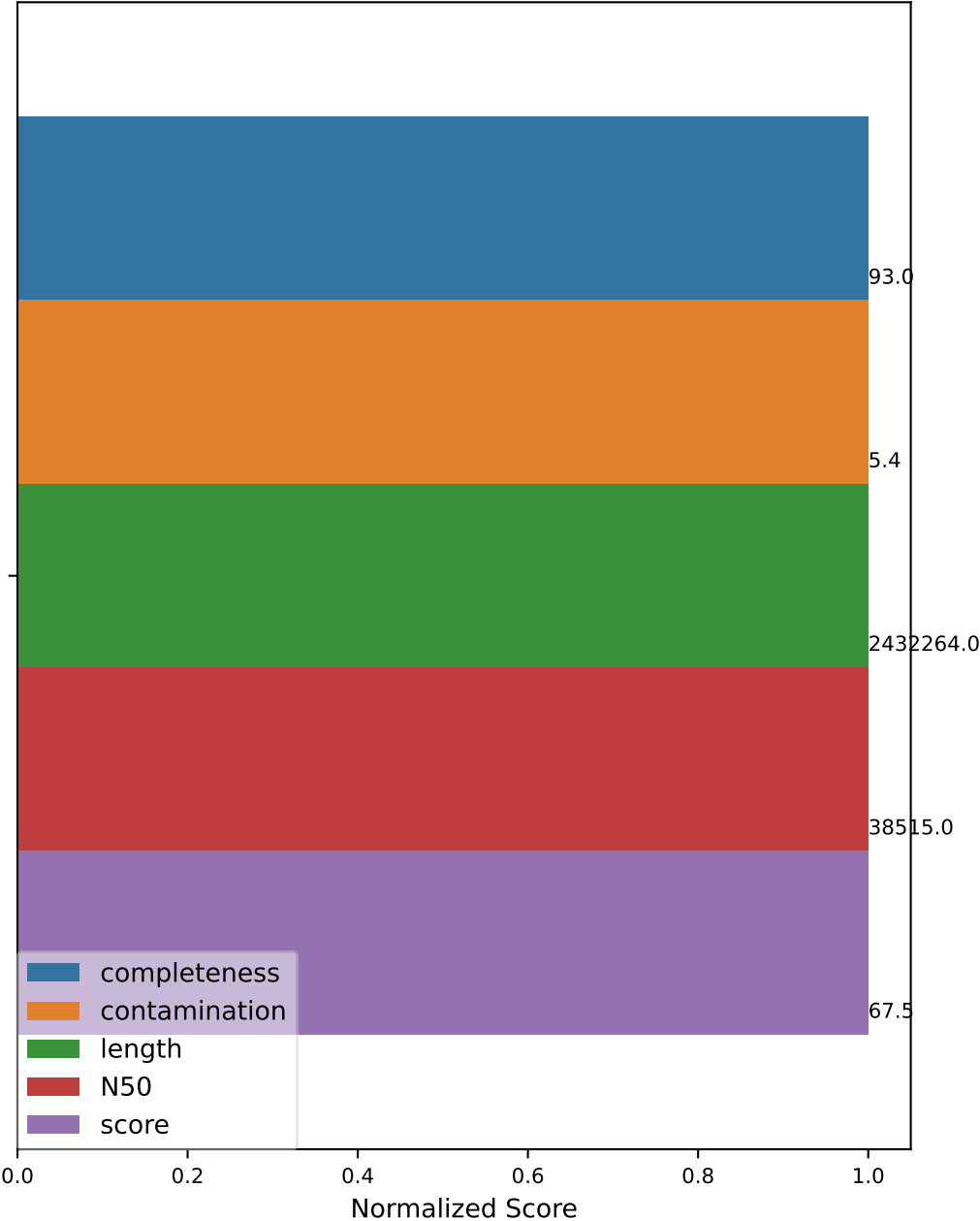
Scoring of cluster 278\_0



Scoring of cluster 279\_0

genome

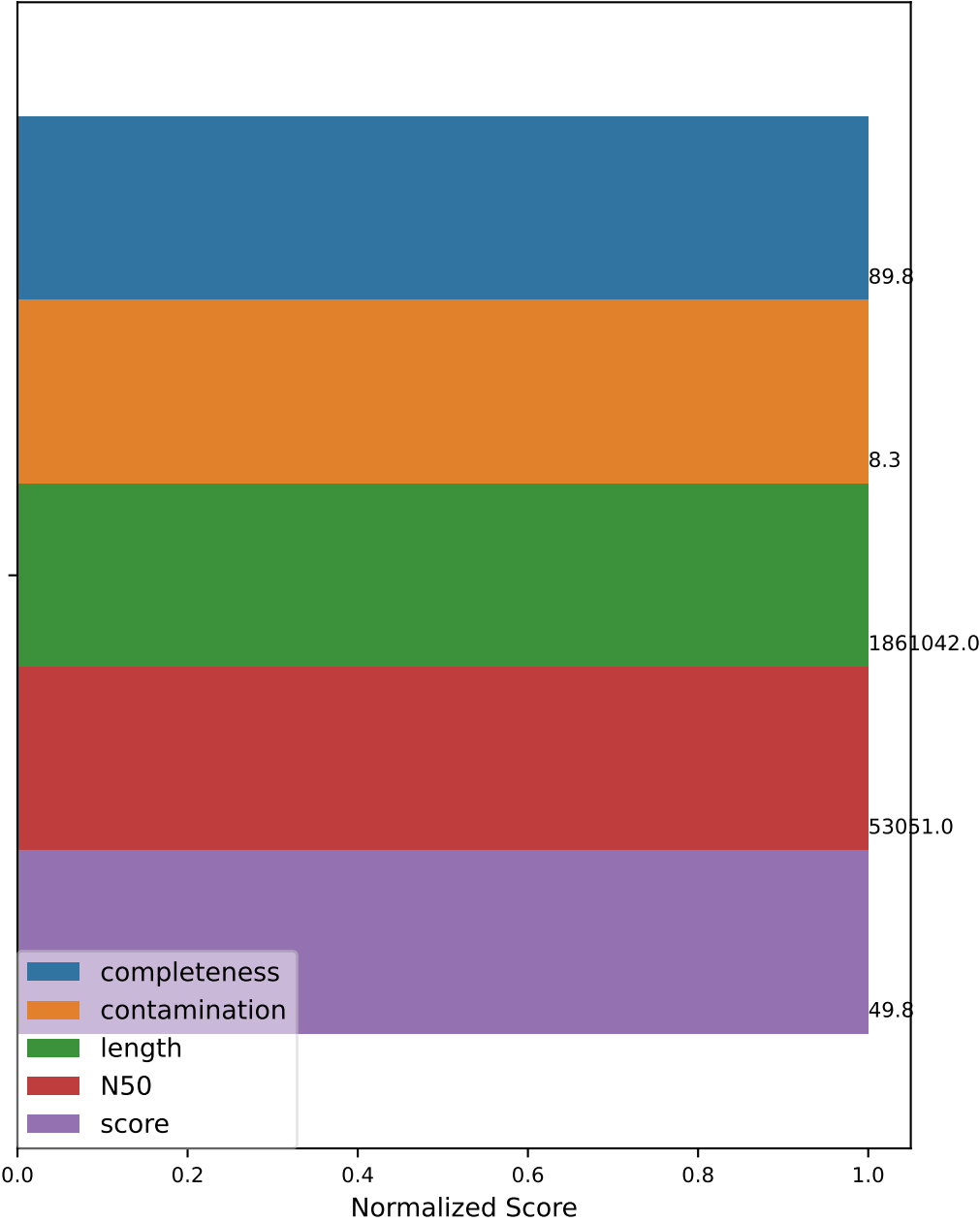
TOBG\_NP-997.fna \*



Scoring of cluster 280\_0

genome

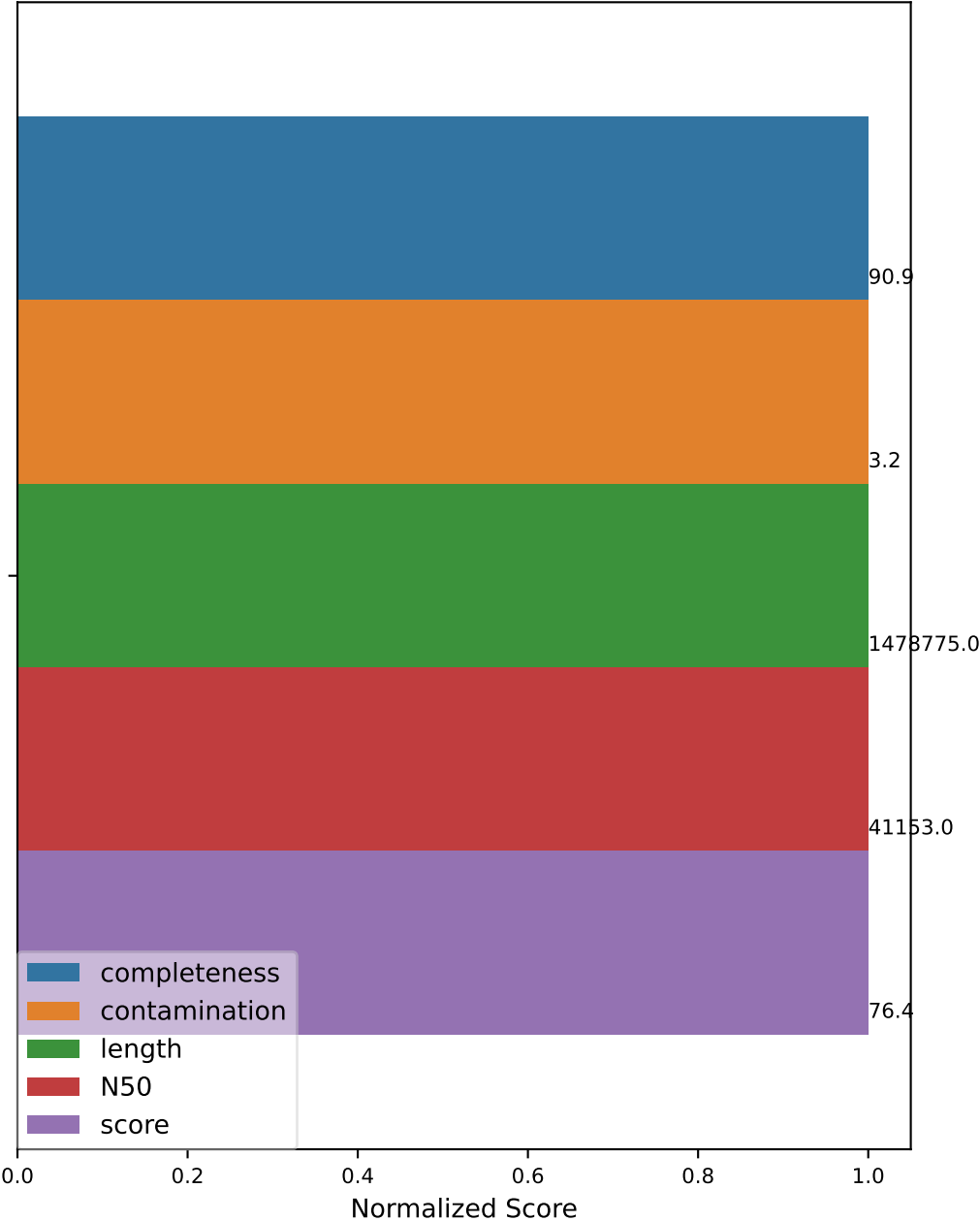
TOBG\_MED-1190.fna \*



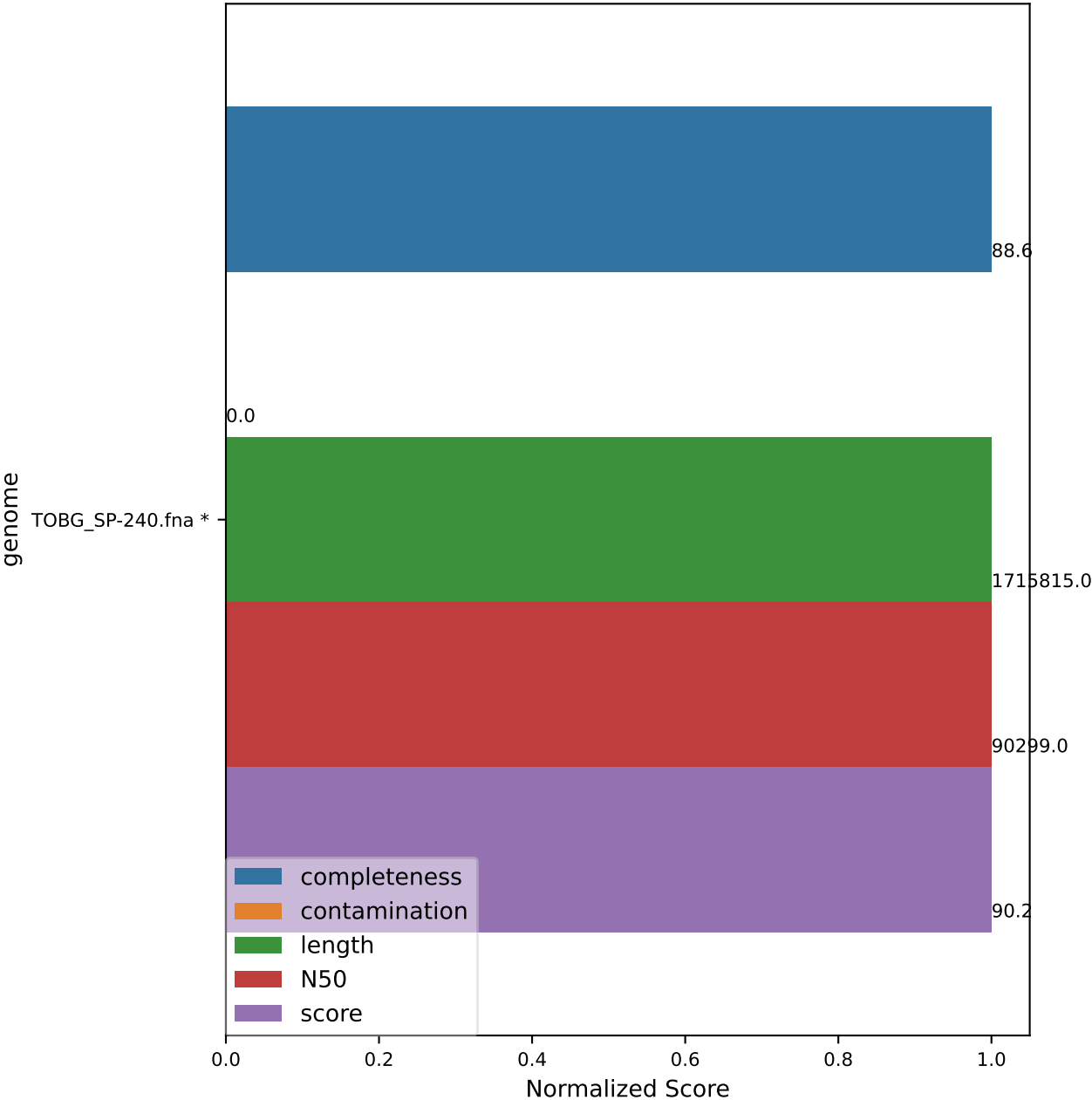
Scoring of cluster 281\_0

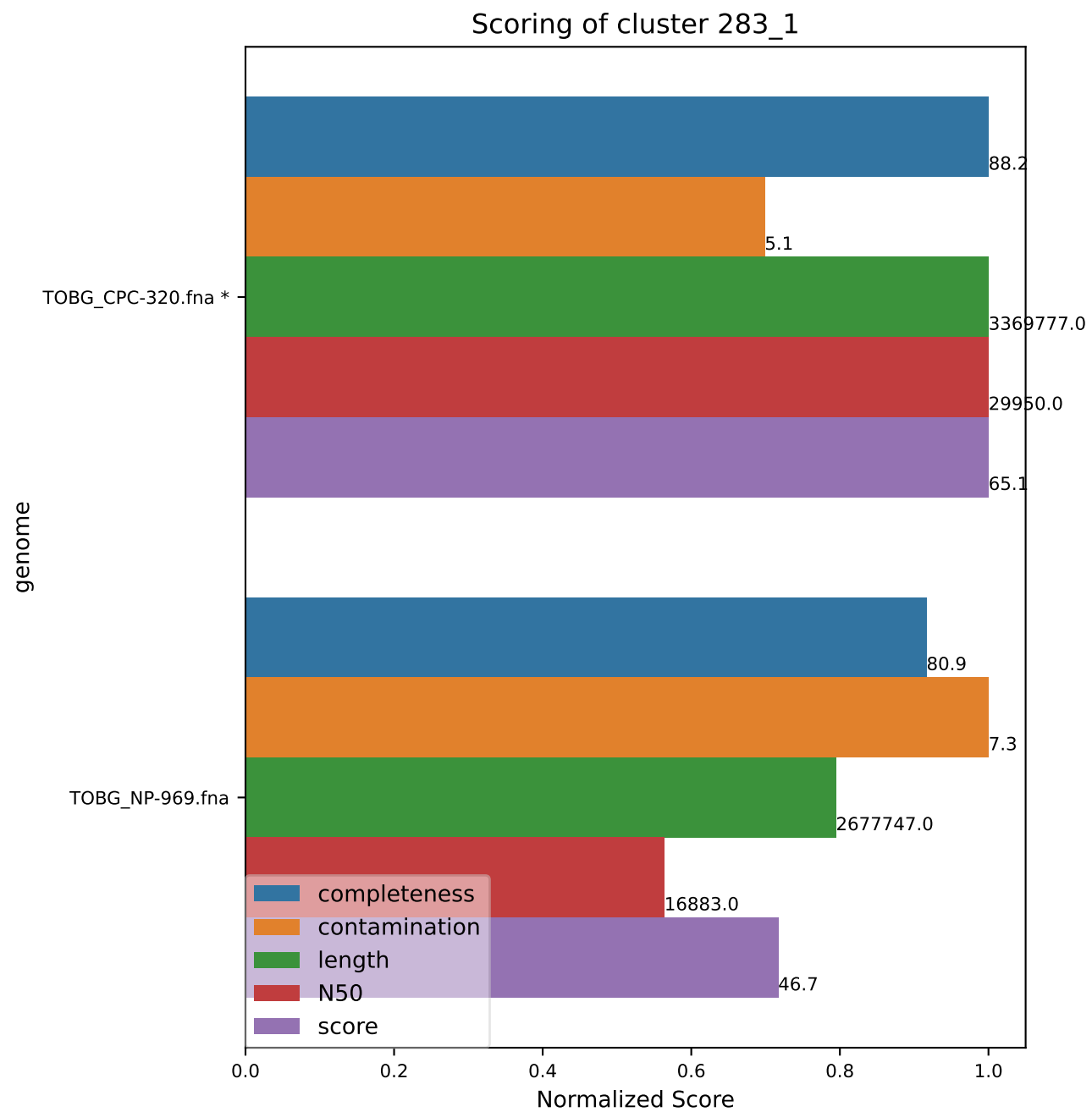
genome

TOBG\_MED-730.fna \*

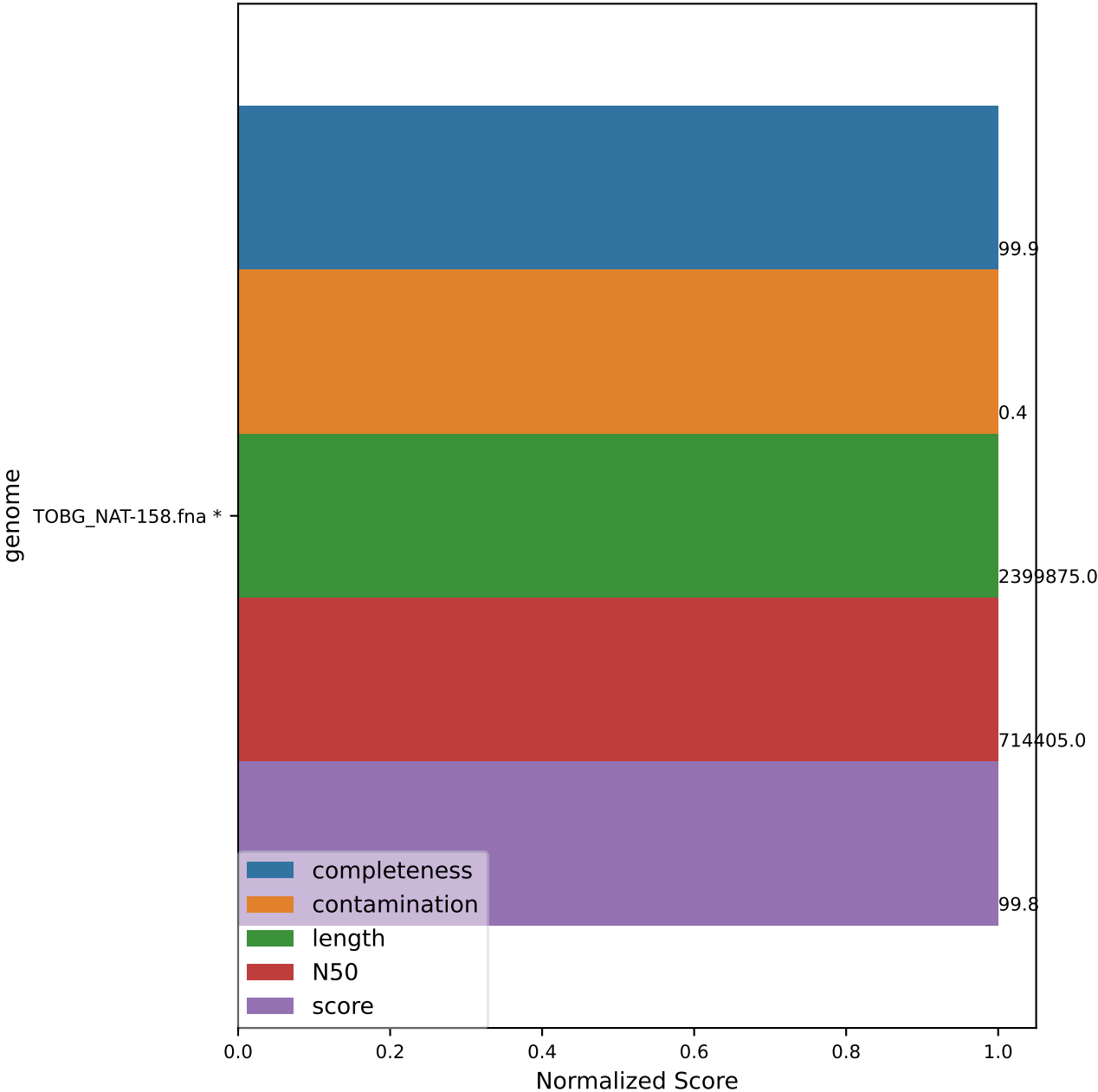


Scoring of cluster 282\_0

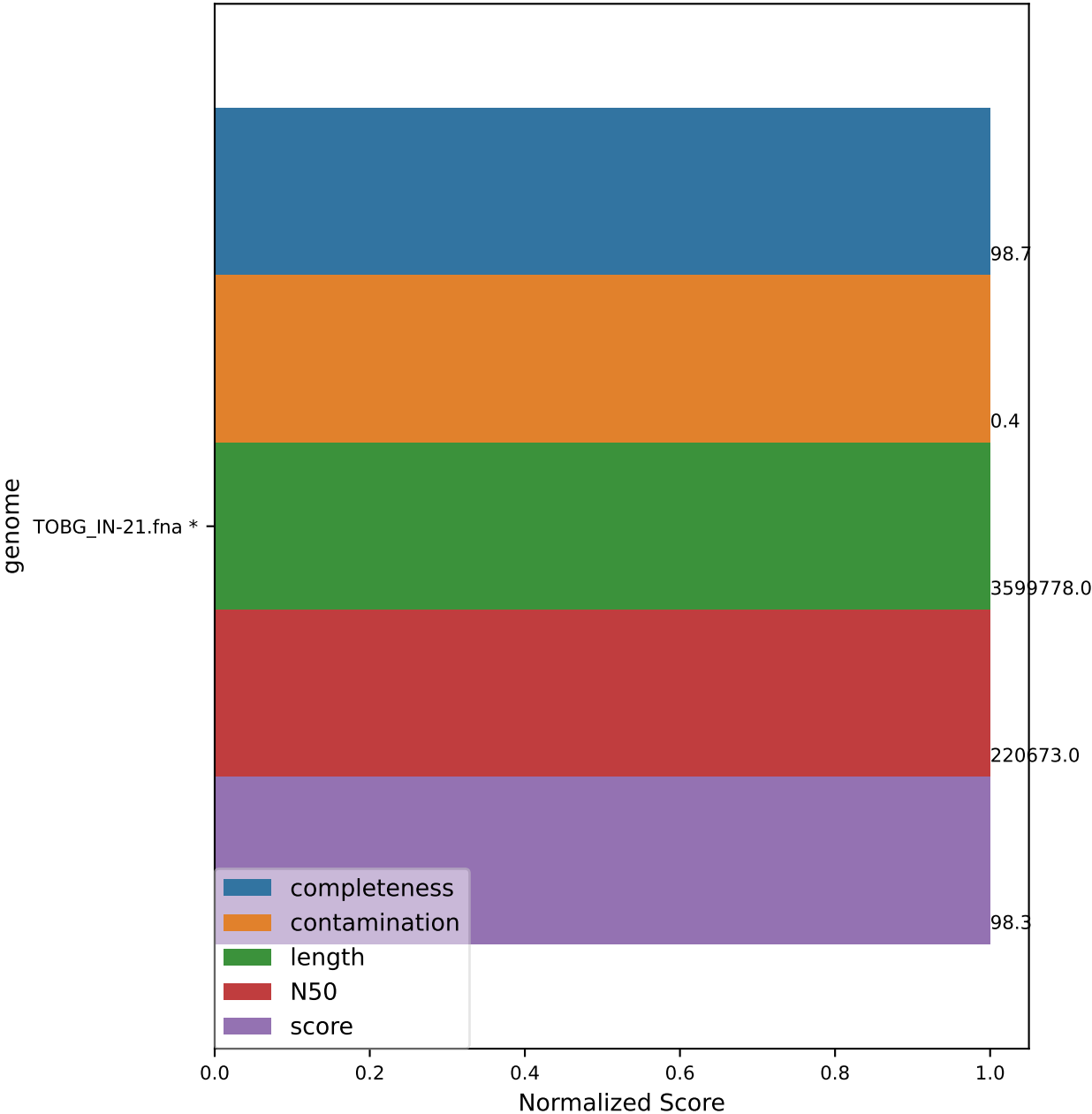




Scoring of cluster 284\_0

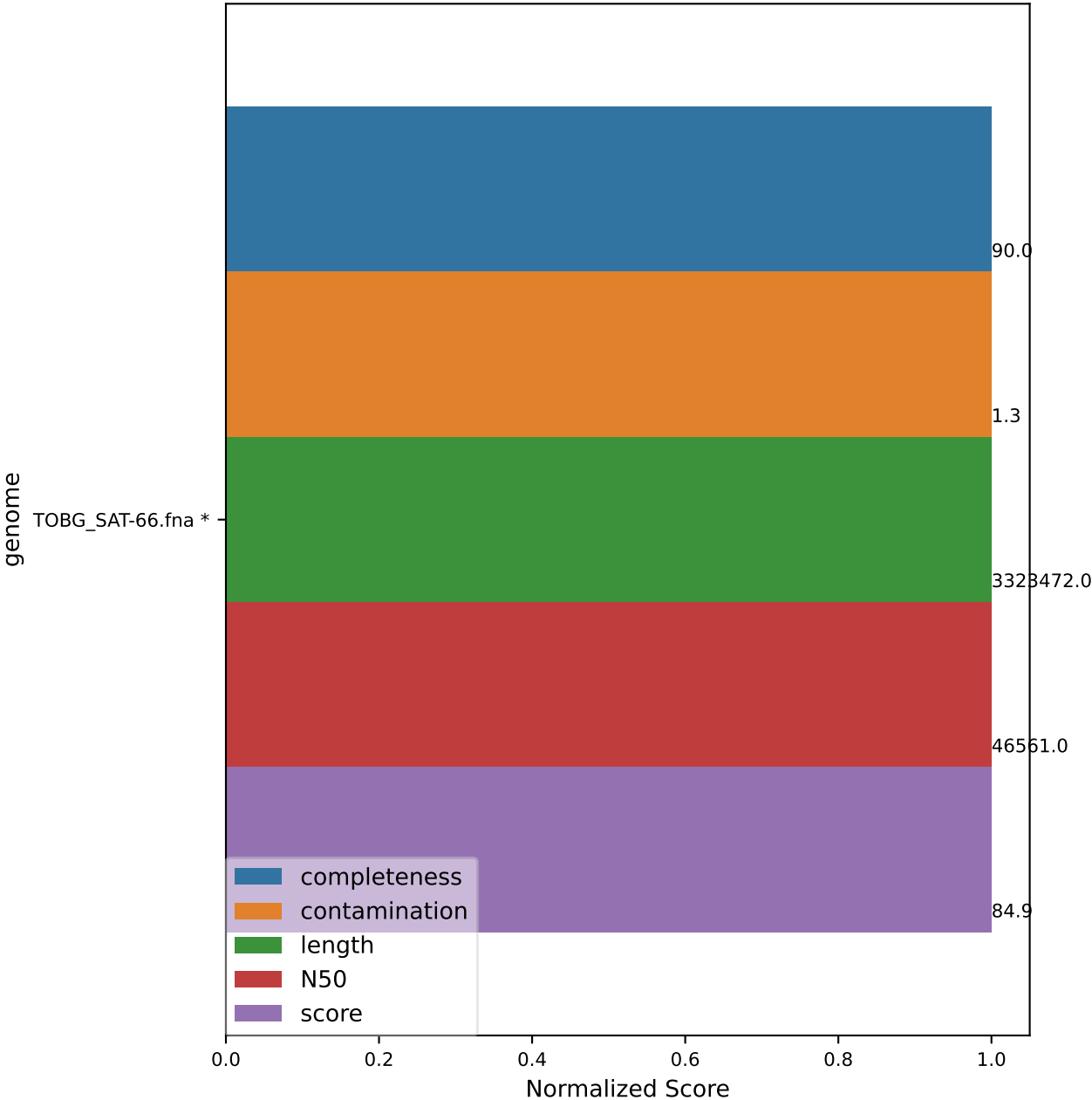


Scoring of cluster 285\_0

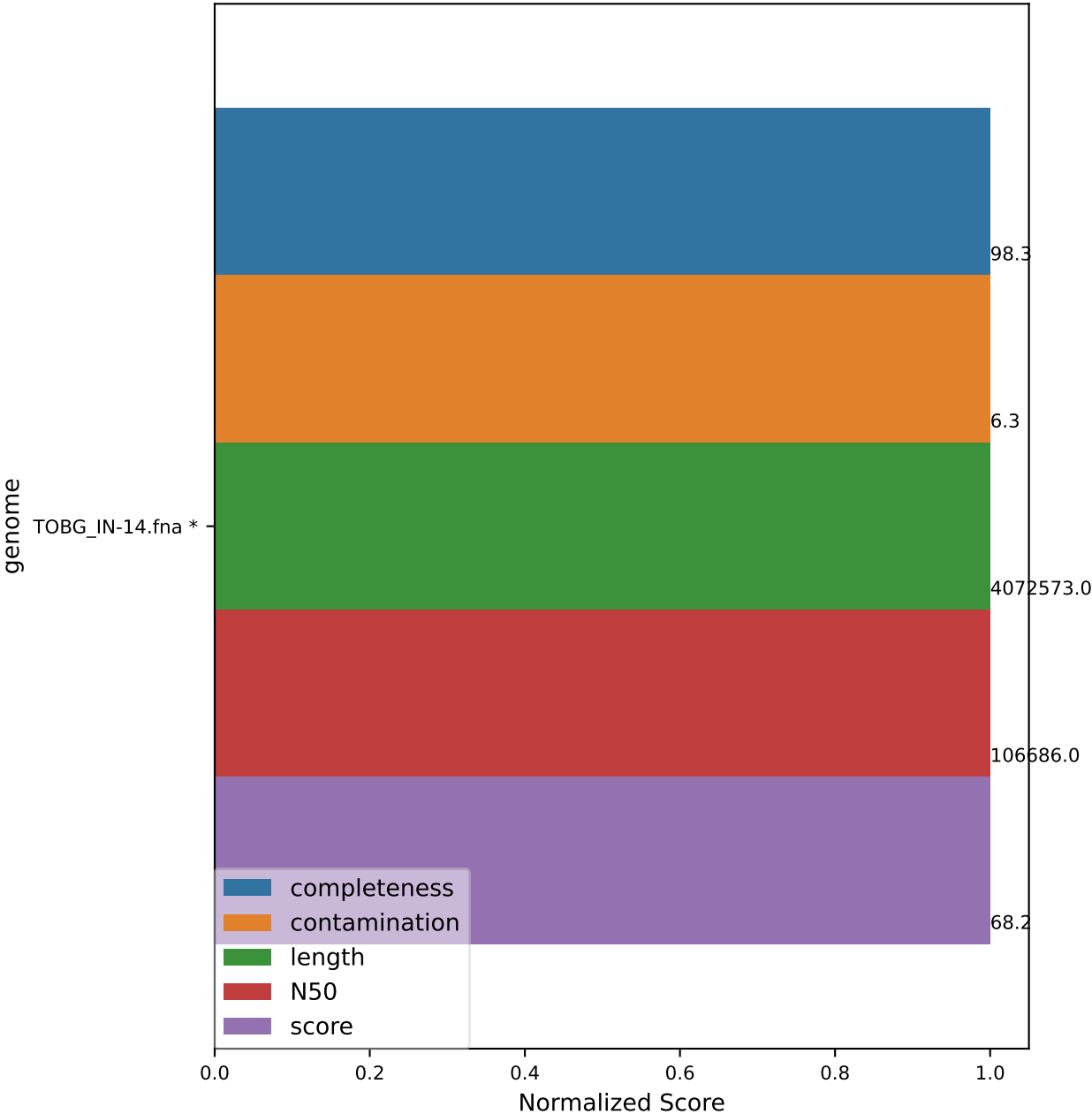




Scoring of cluster 286\_0



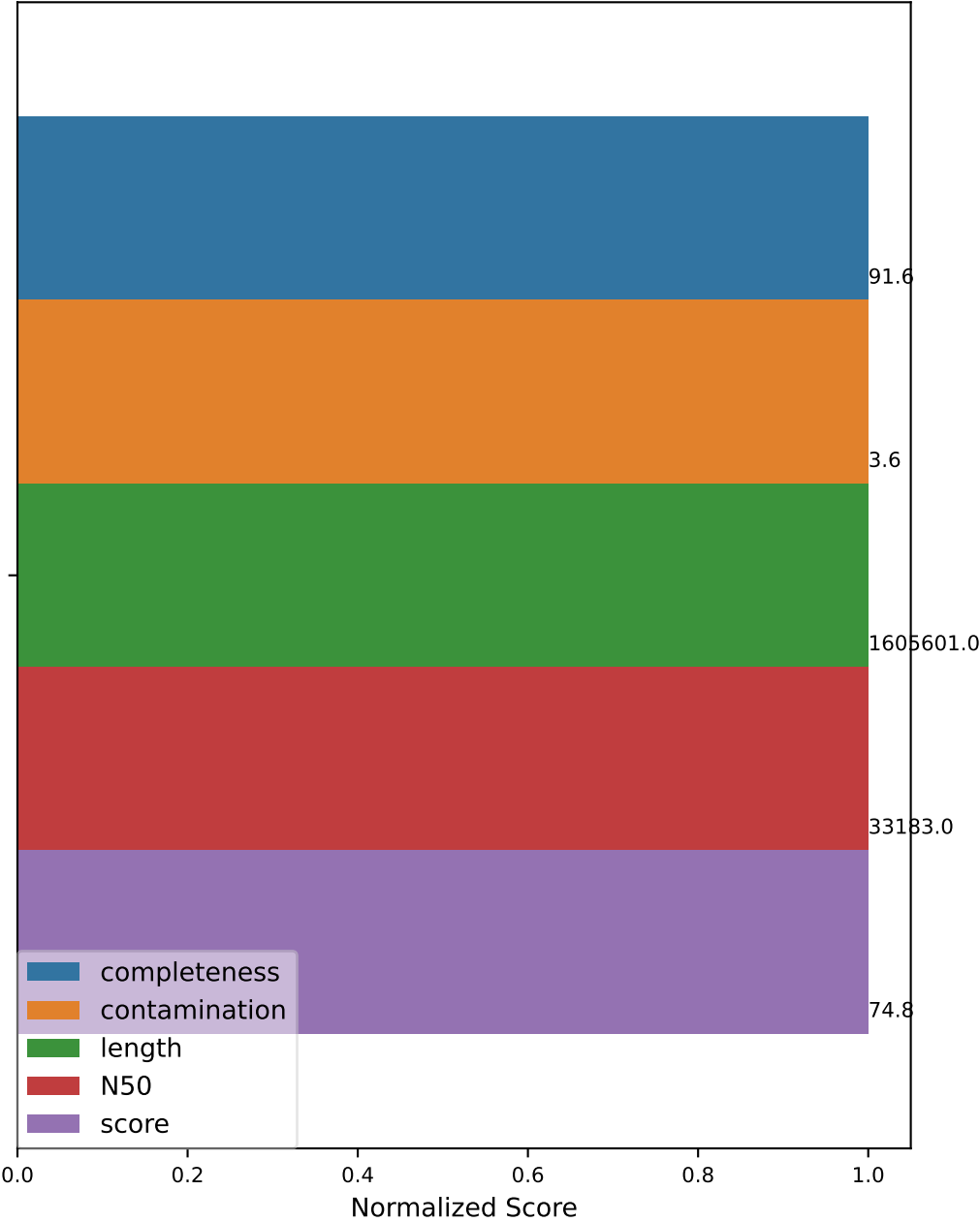
Scoring of cluster 287\_0



Scoring of cluster 288\_0

genome

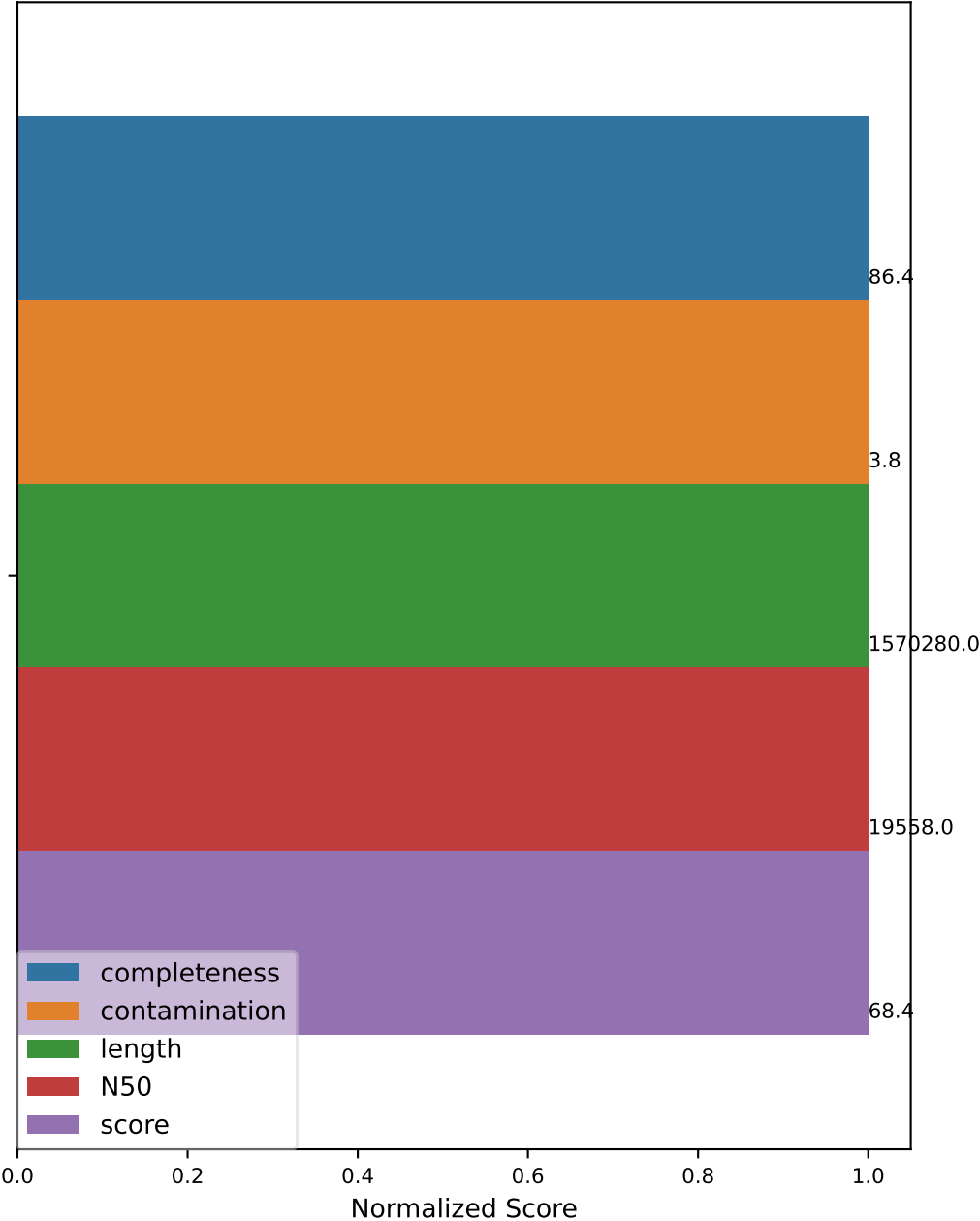
TOBG\_MED-605.fna \*



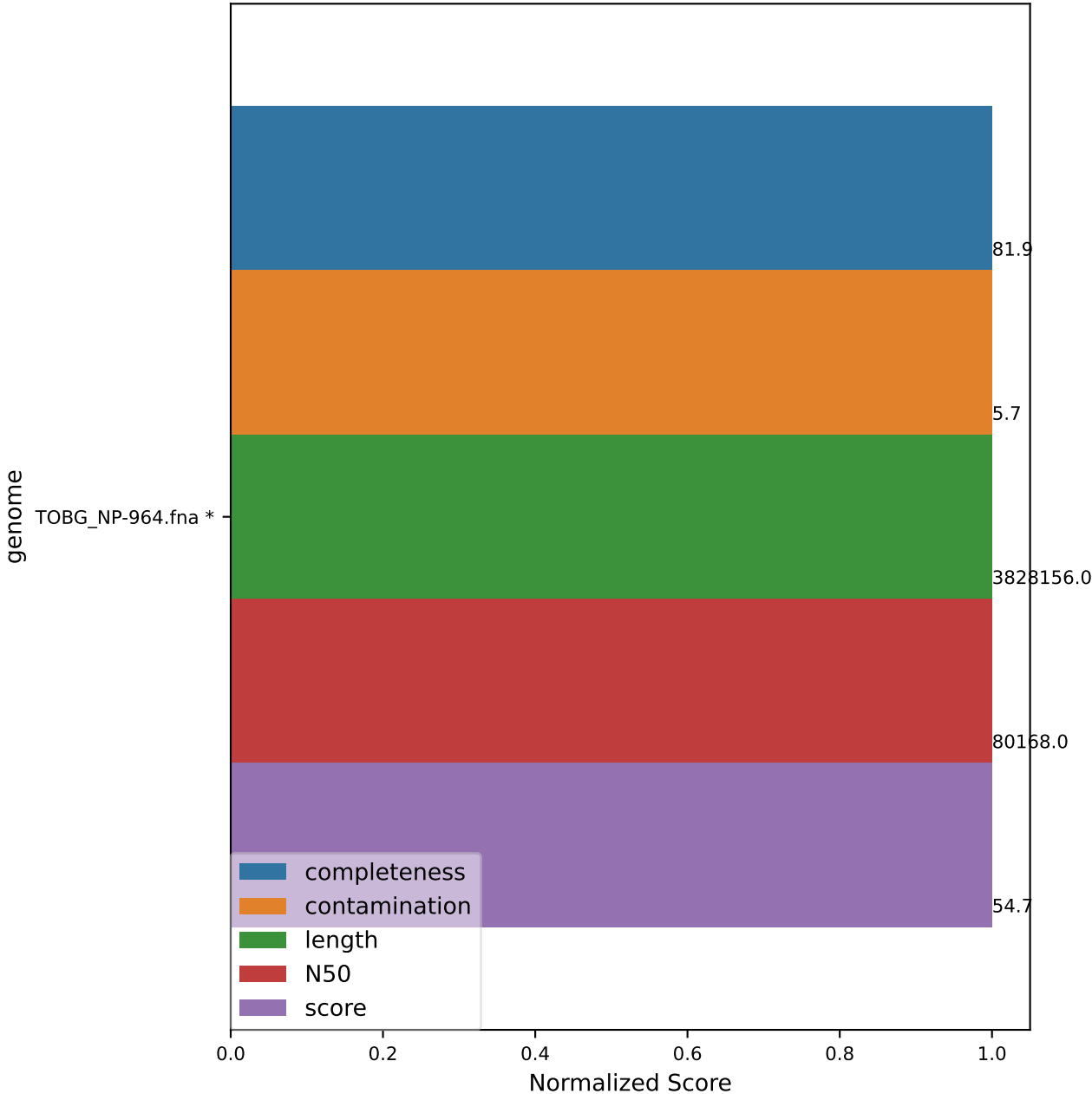
Scoring of cluster 289\_0

genome

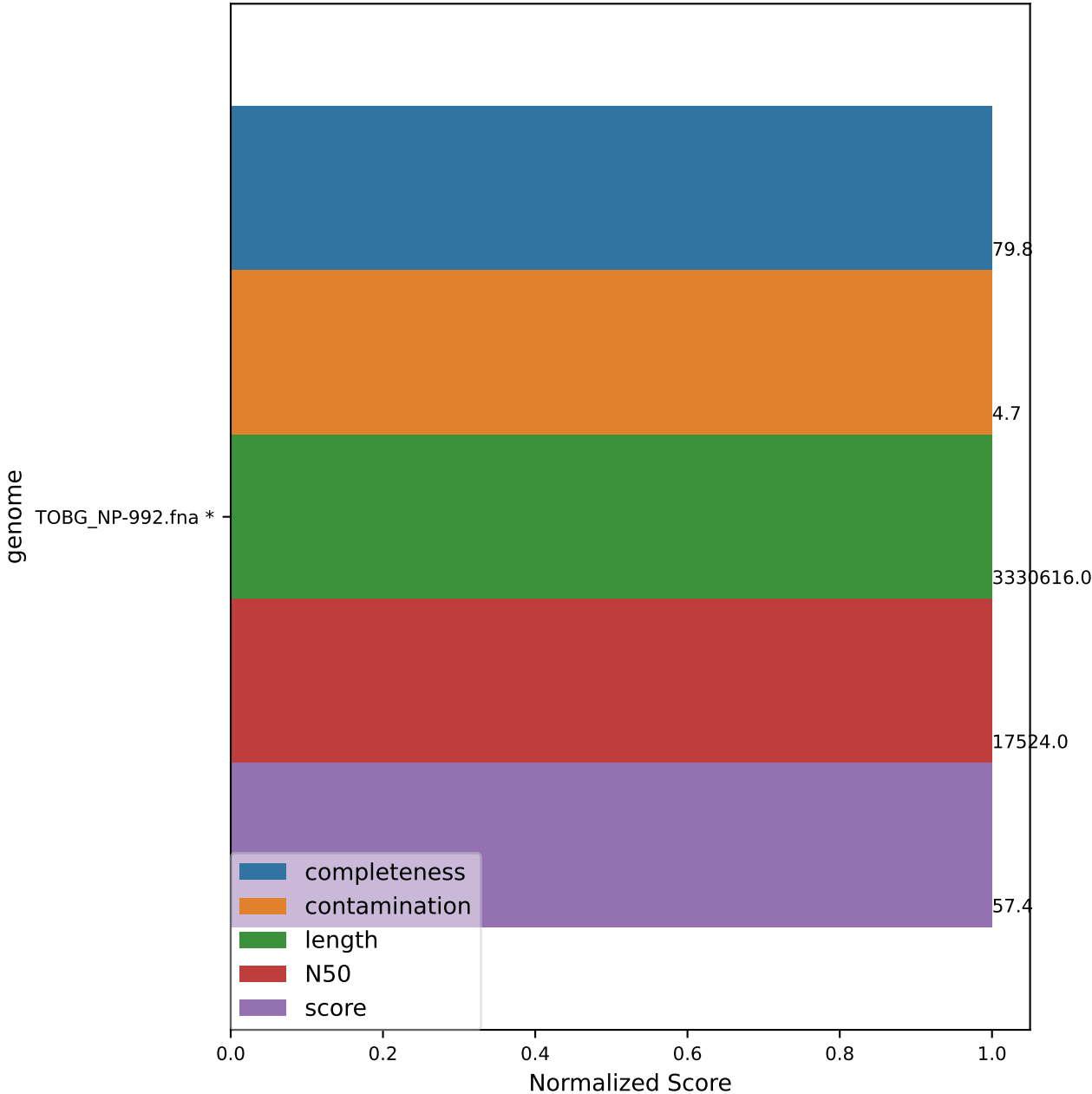
TOBG\_ARS-27.fna \*



Scoring of cluster 290\_0



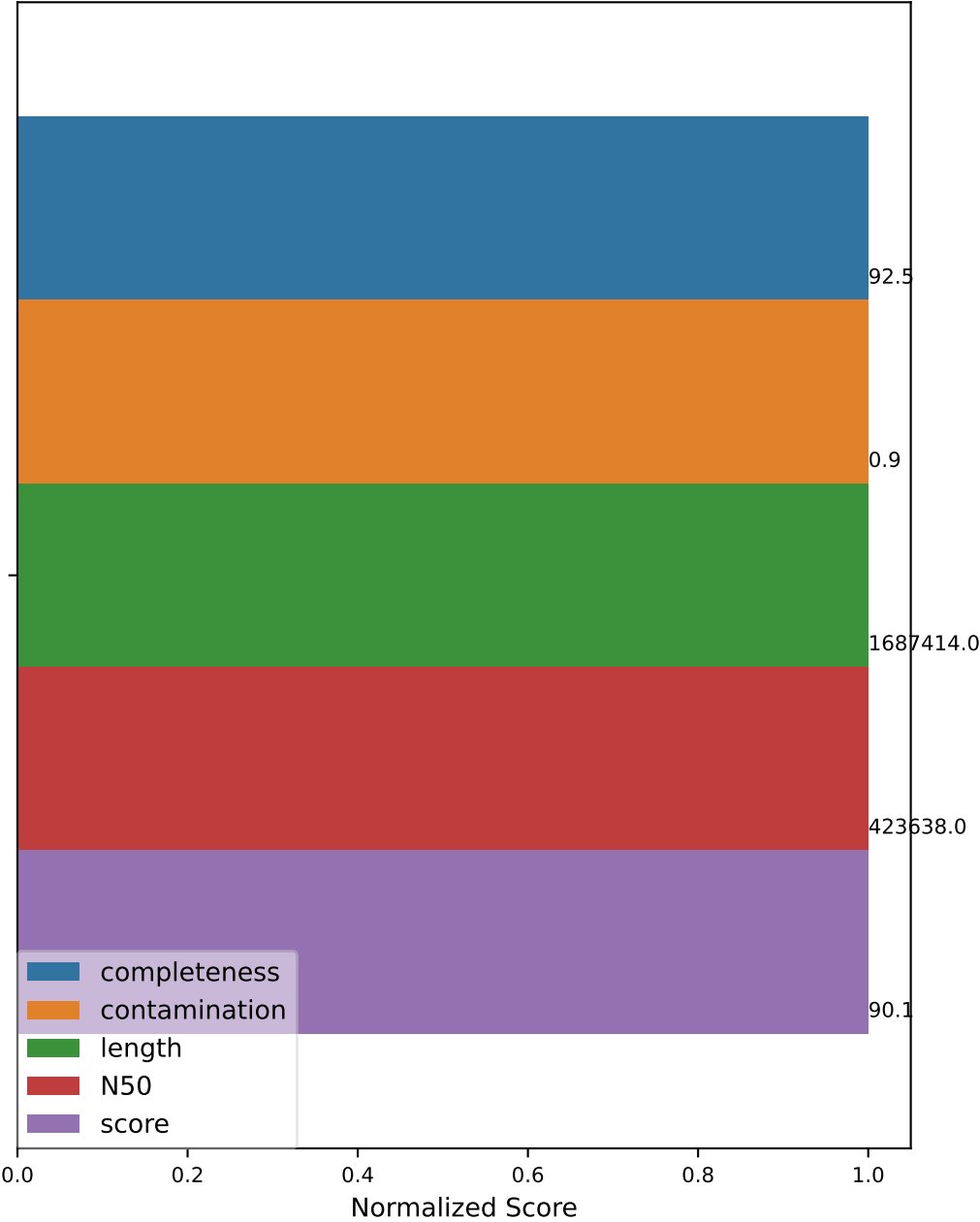
Scoring of cluster 291\_0



Scoring of cluster 292\_0

genome

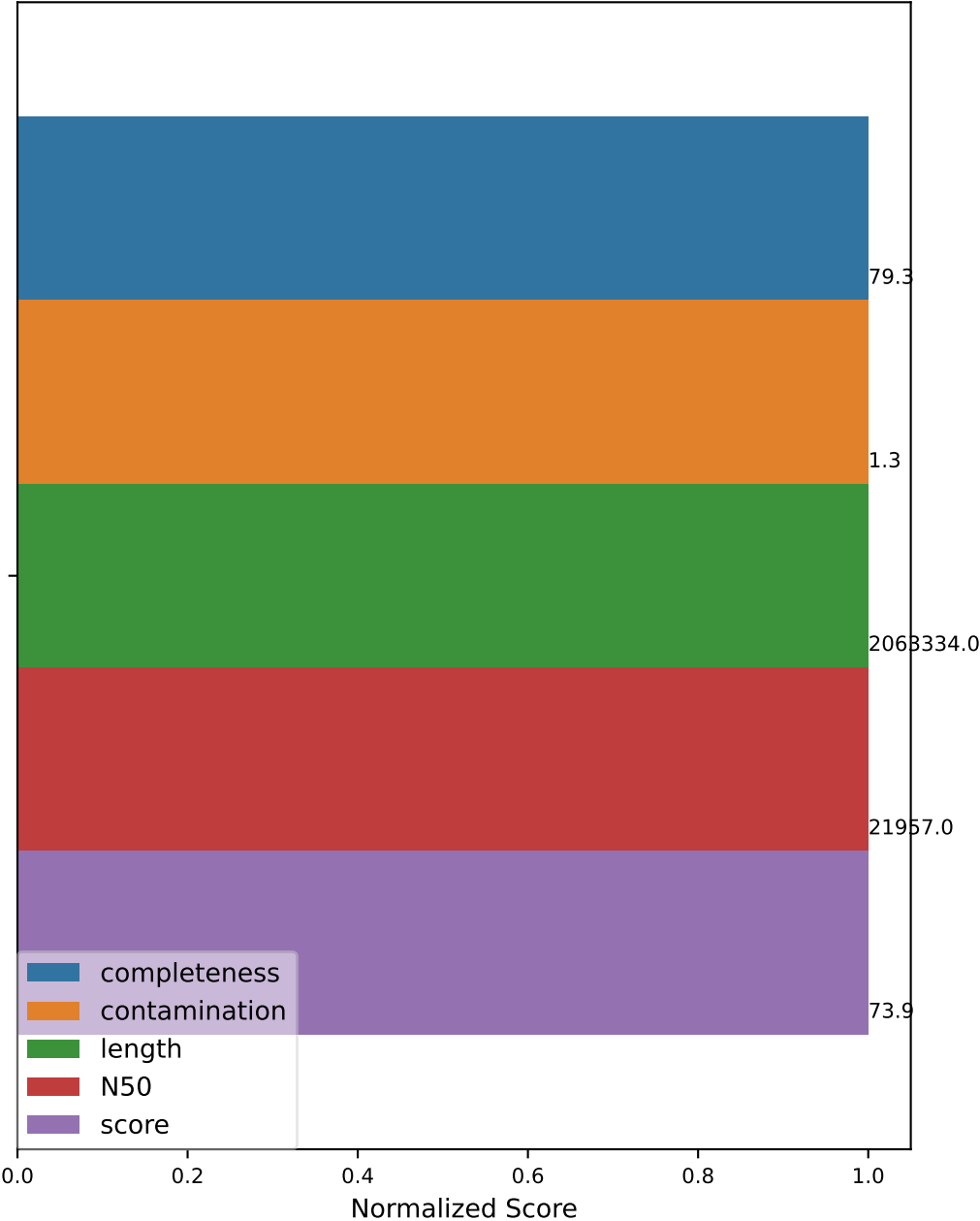
TOBG\_SAT-2787.fna \*



Scoring of cluster 293\_0

genome

TOBG\_MED-611.fna \*

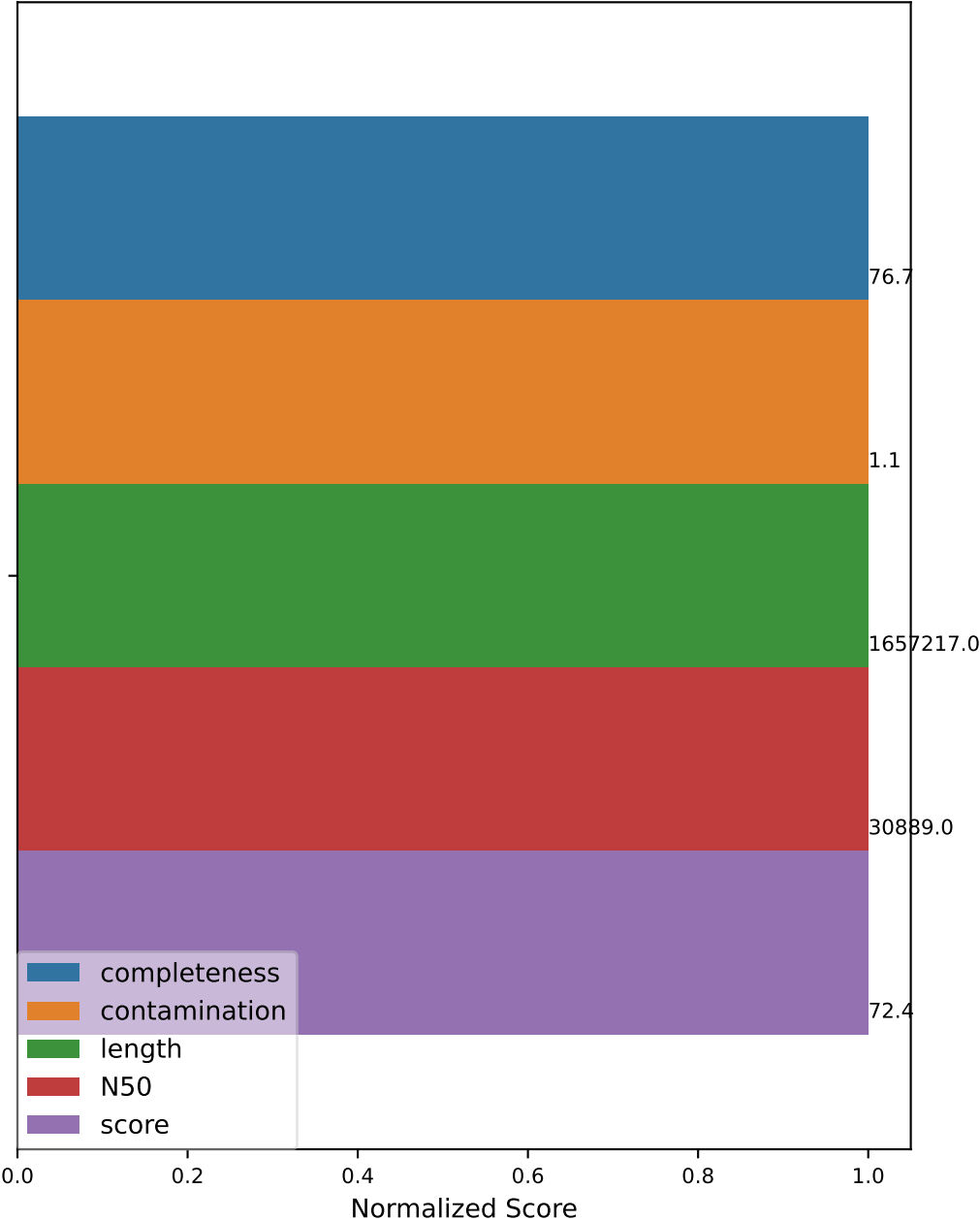




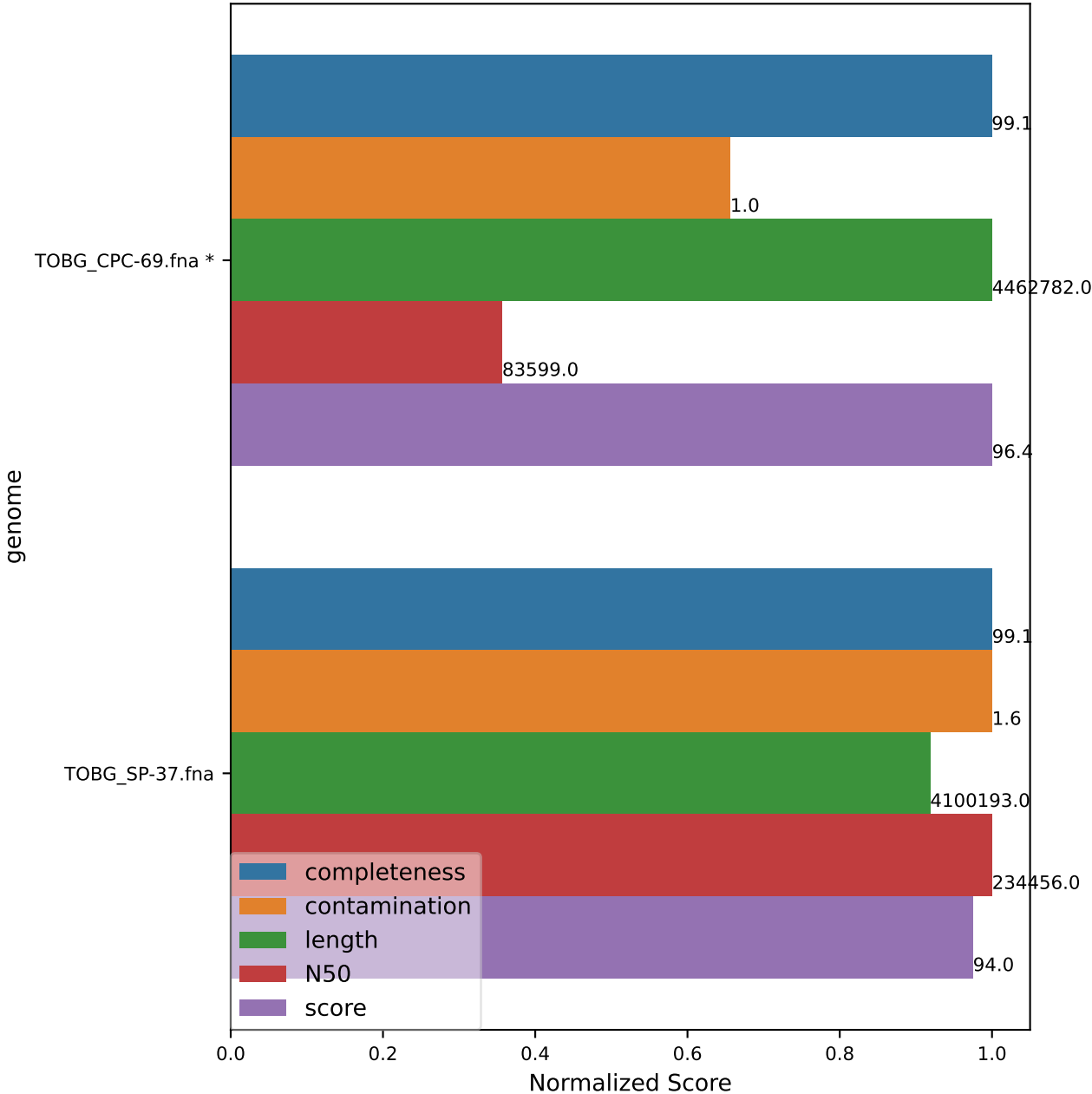
Scoring of cluster 294\_0

genome

TOBG\_MED-615.fna \*



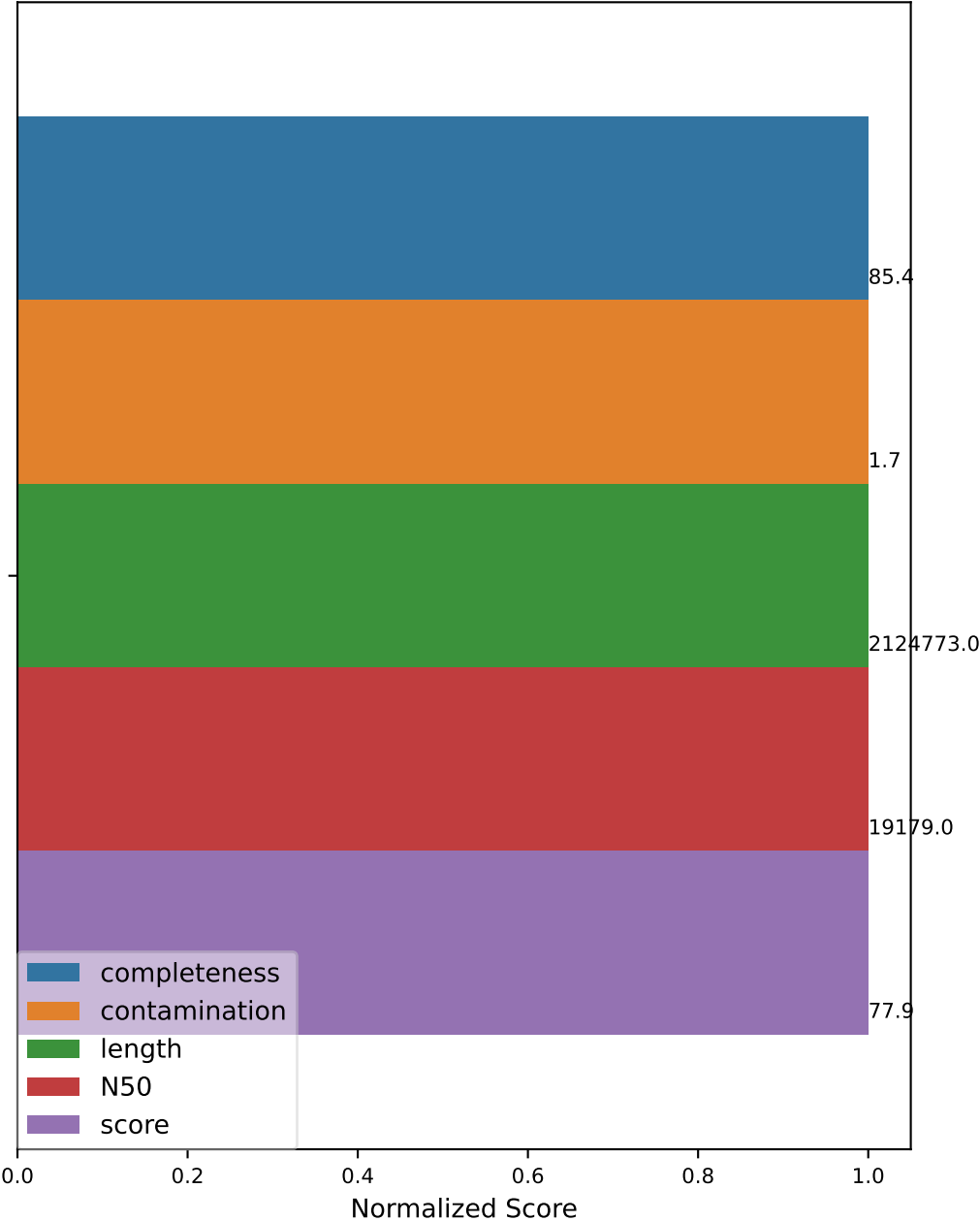
Scoring of cluster 295\_1



Scoring of cluster 296\_0

genome

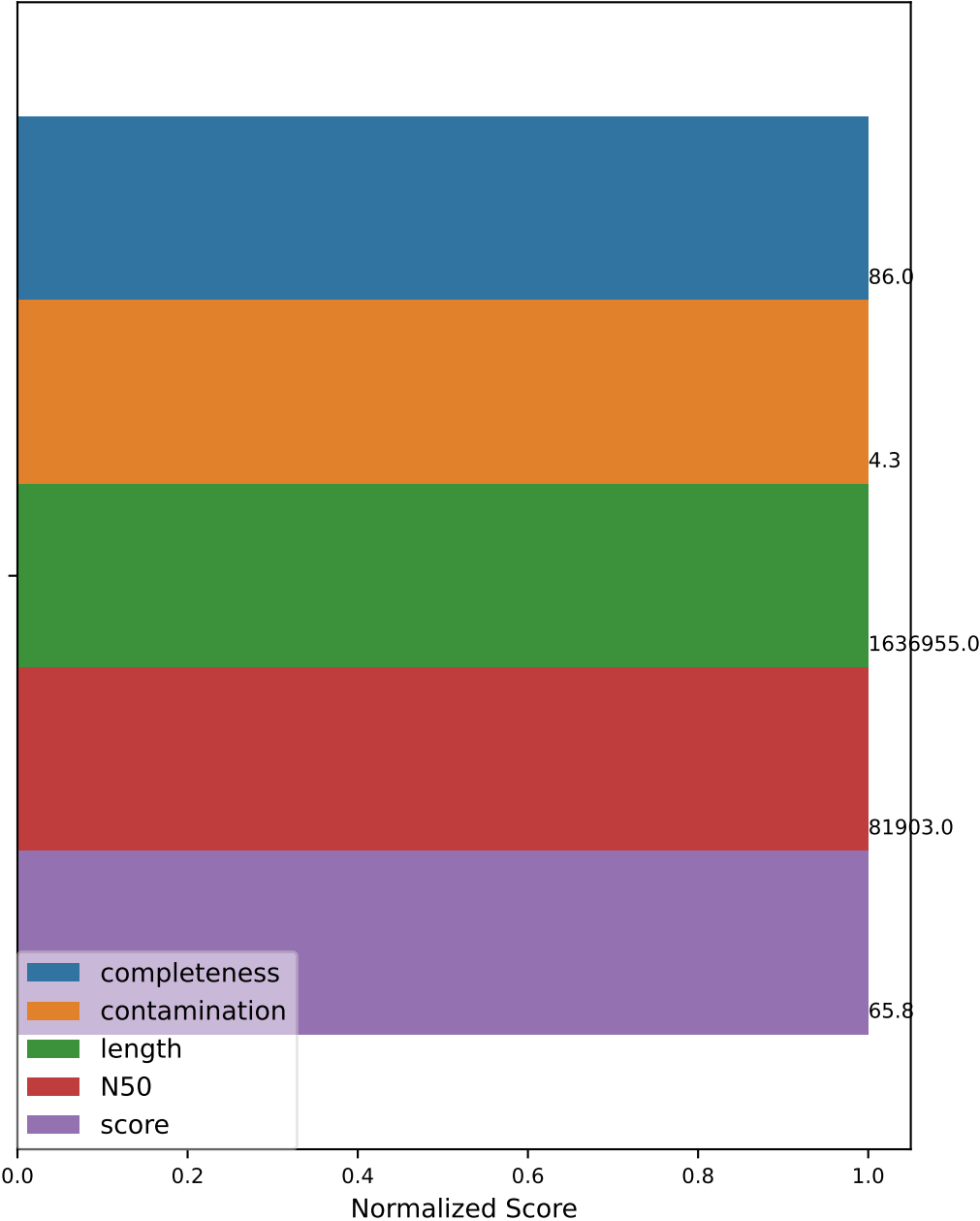
TOBG\_MED-595.fna \*



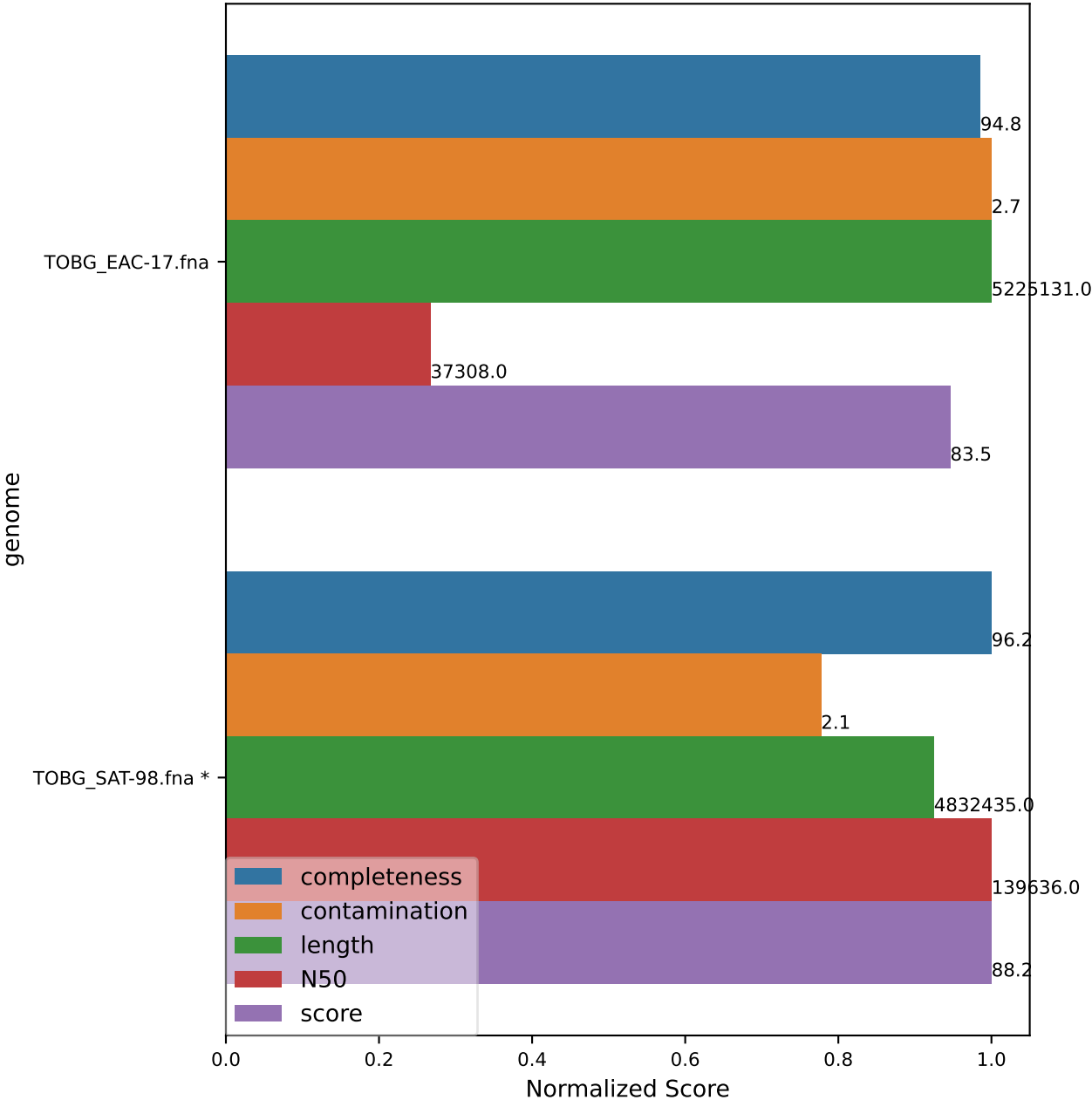
Scoring of cluster 297\_0

genome

TOBG\_MED-717.fna \*



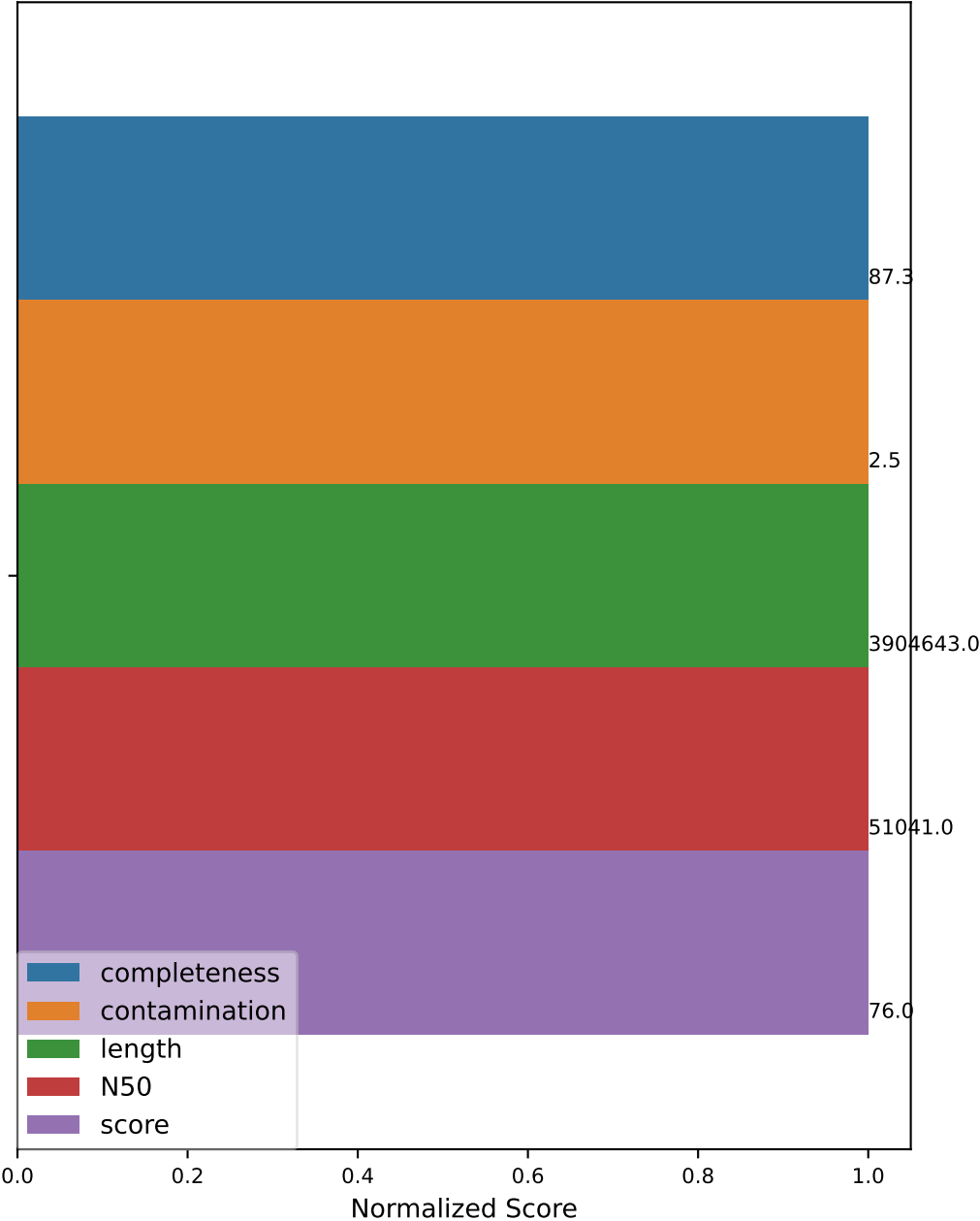
Scoring of cluster 298\_1

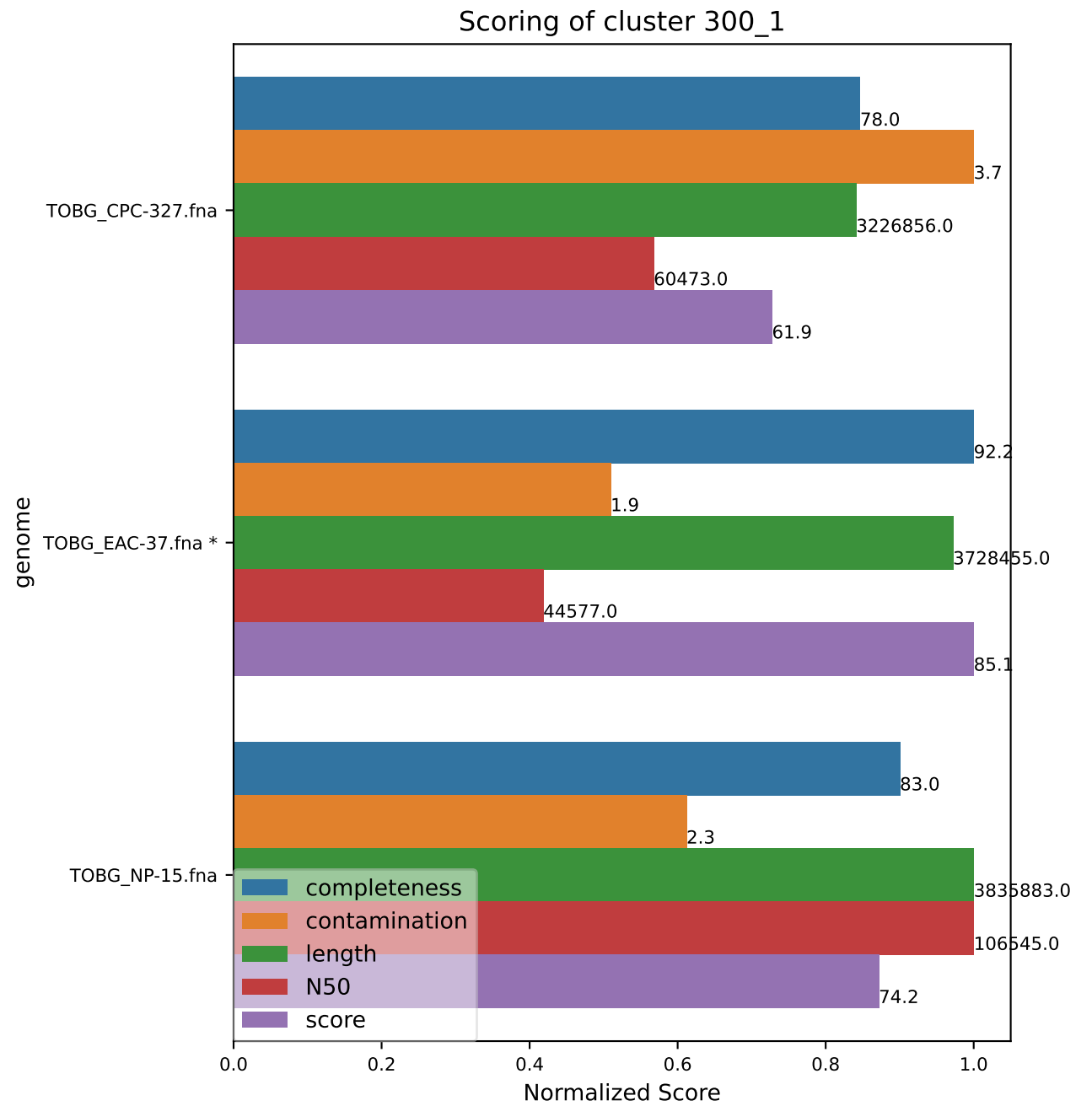


Scoring of cluster 299\_0

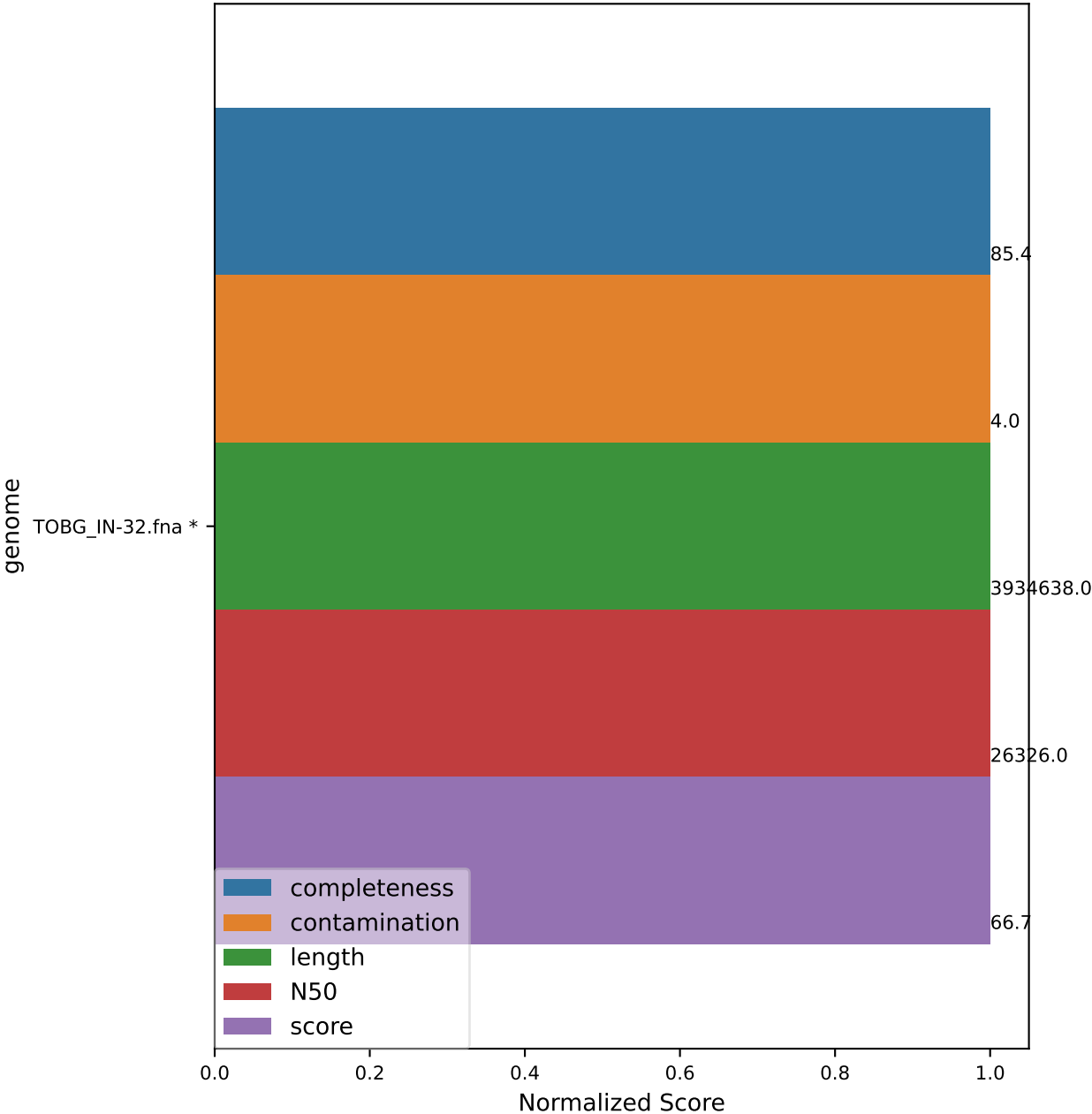
genome

TOBG\_MED-610.fna \*





Scoring of cluster 301\_0

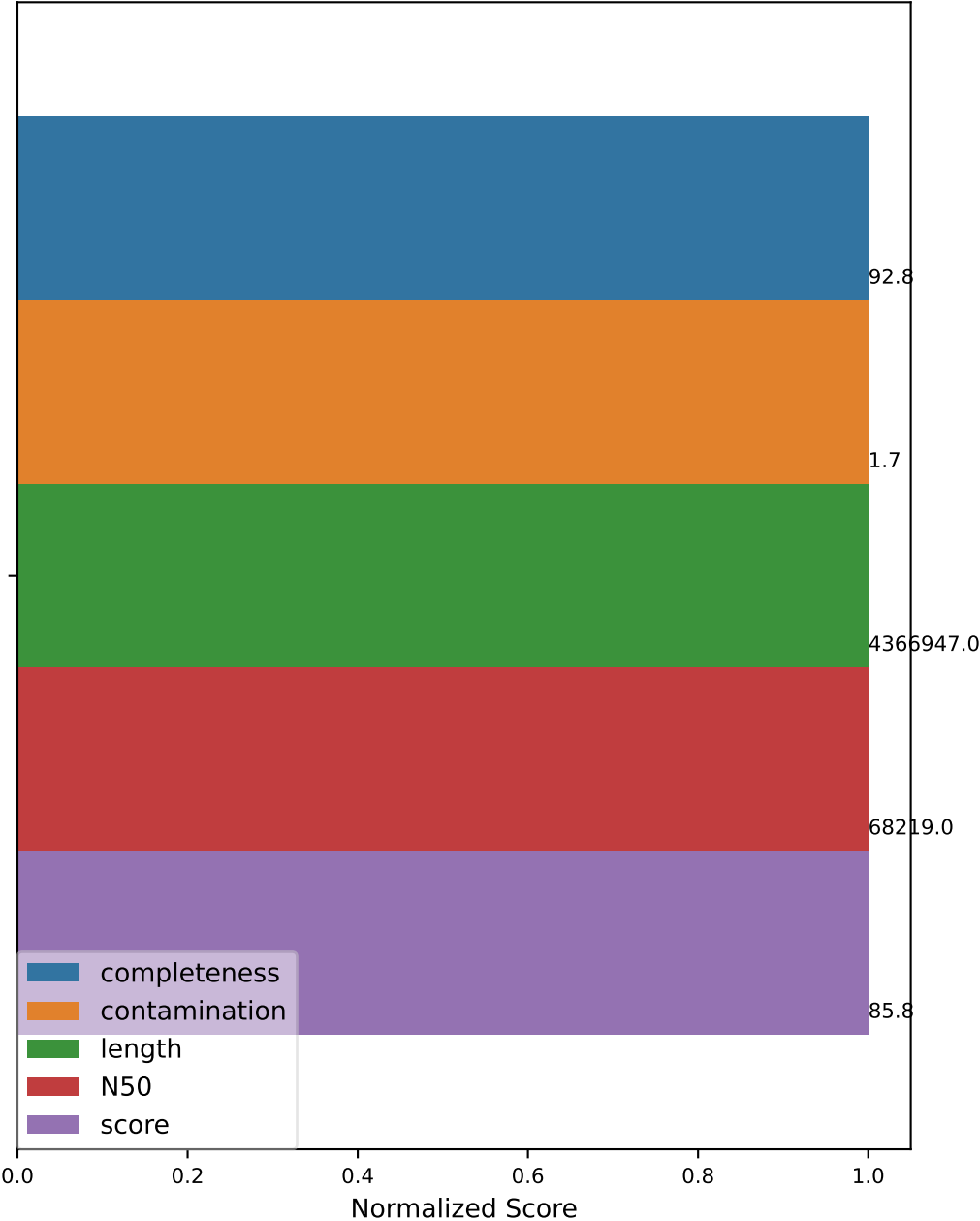




Scoring of cluster 302\_0

genome

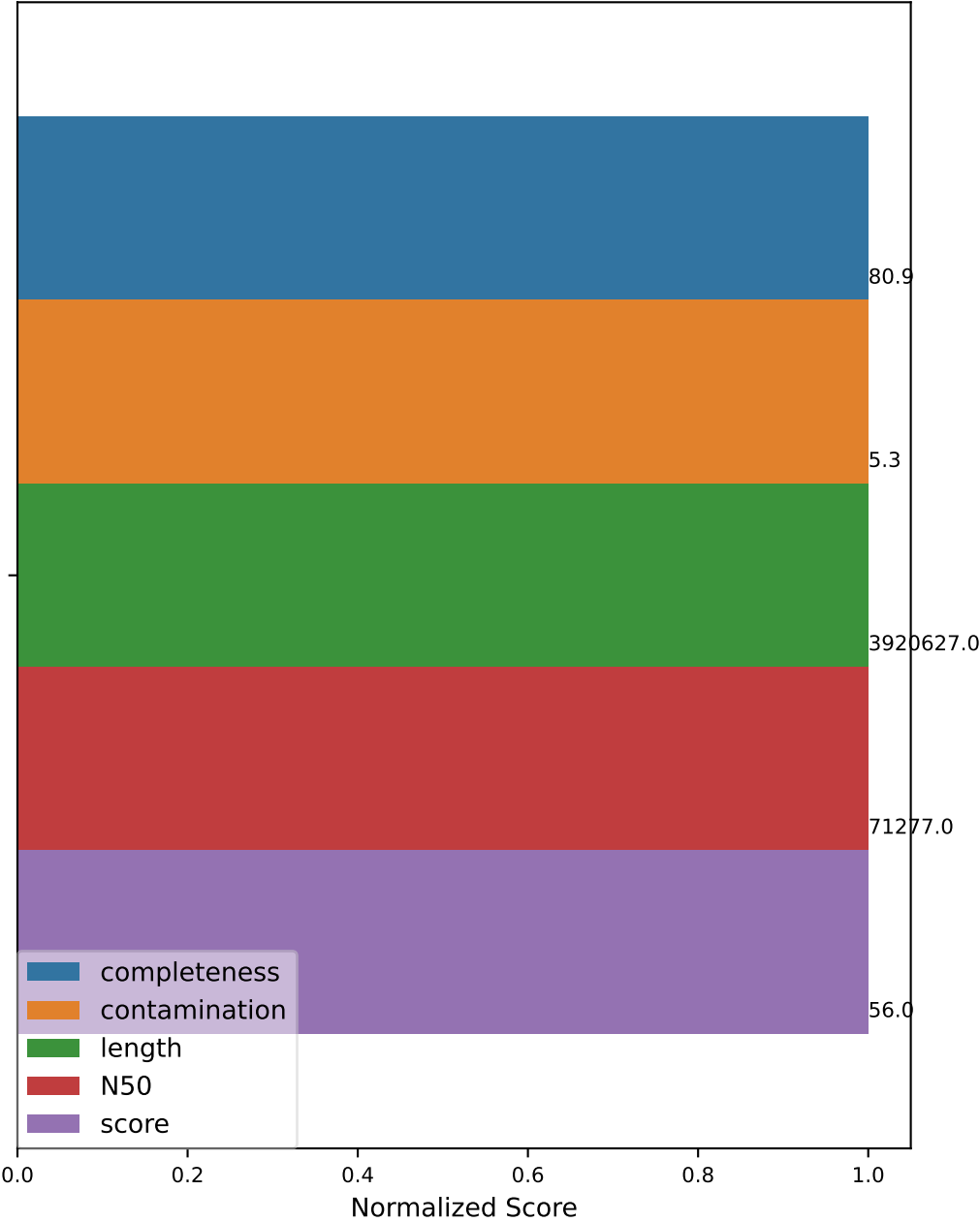
TOBG\_MED-668.fna \*



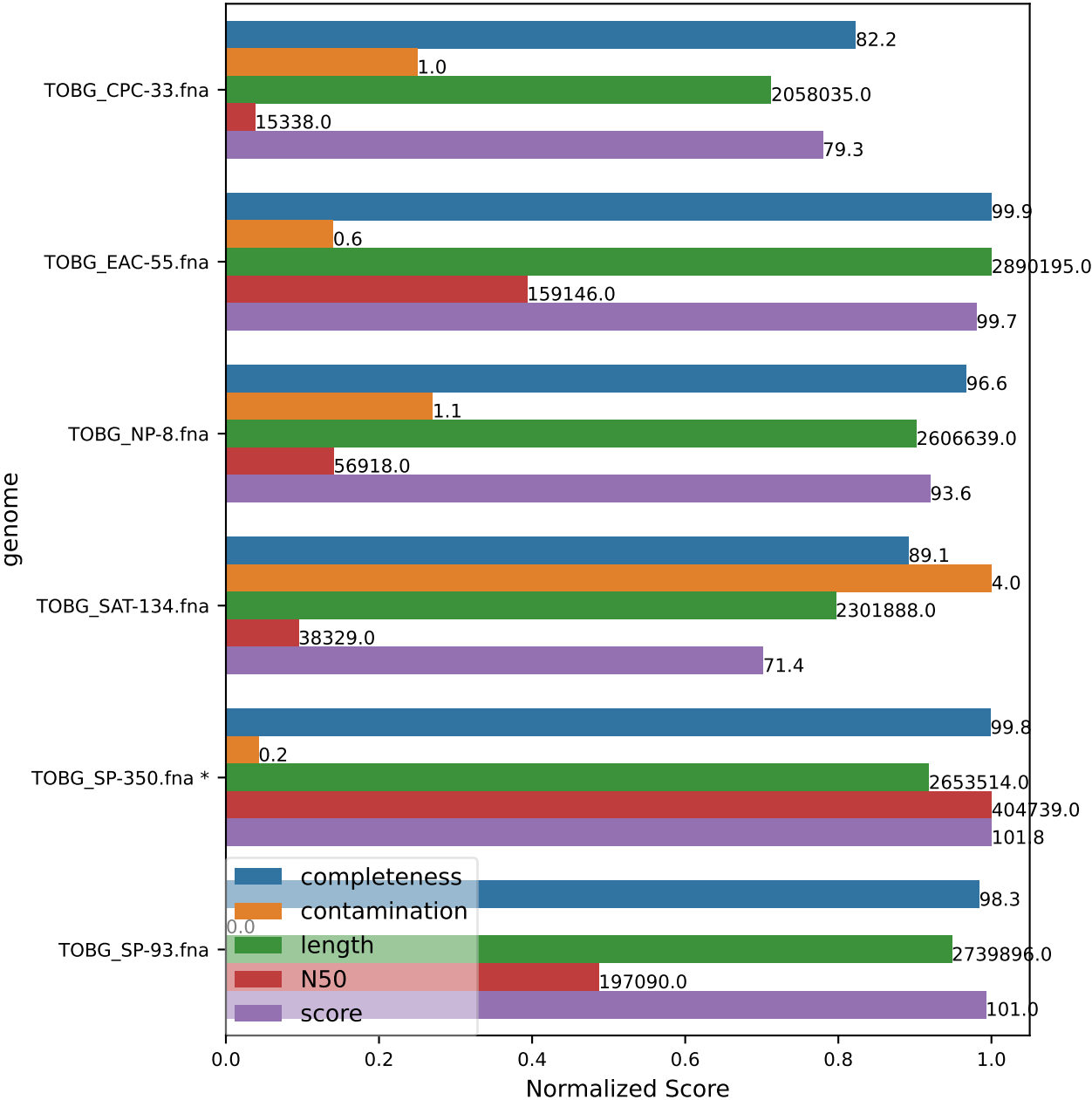
Scoring of cluster 303\_0

genome

TOBG\_SP-2982.fna \*



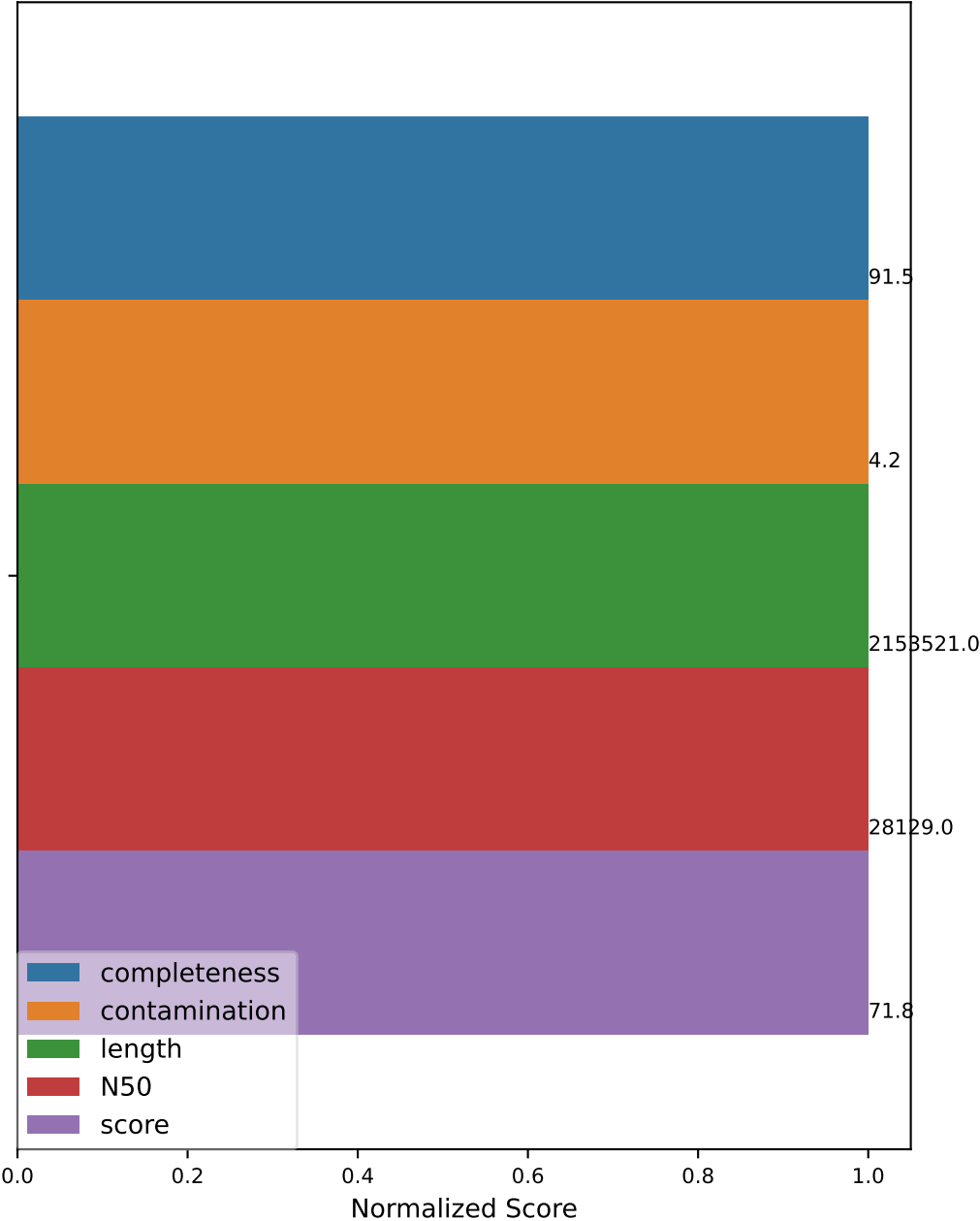
Scoring of cluster 304\_1



Scoring of cluster 305\_0

genome

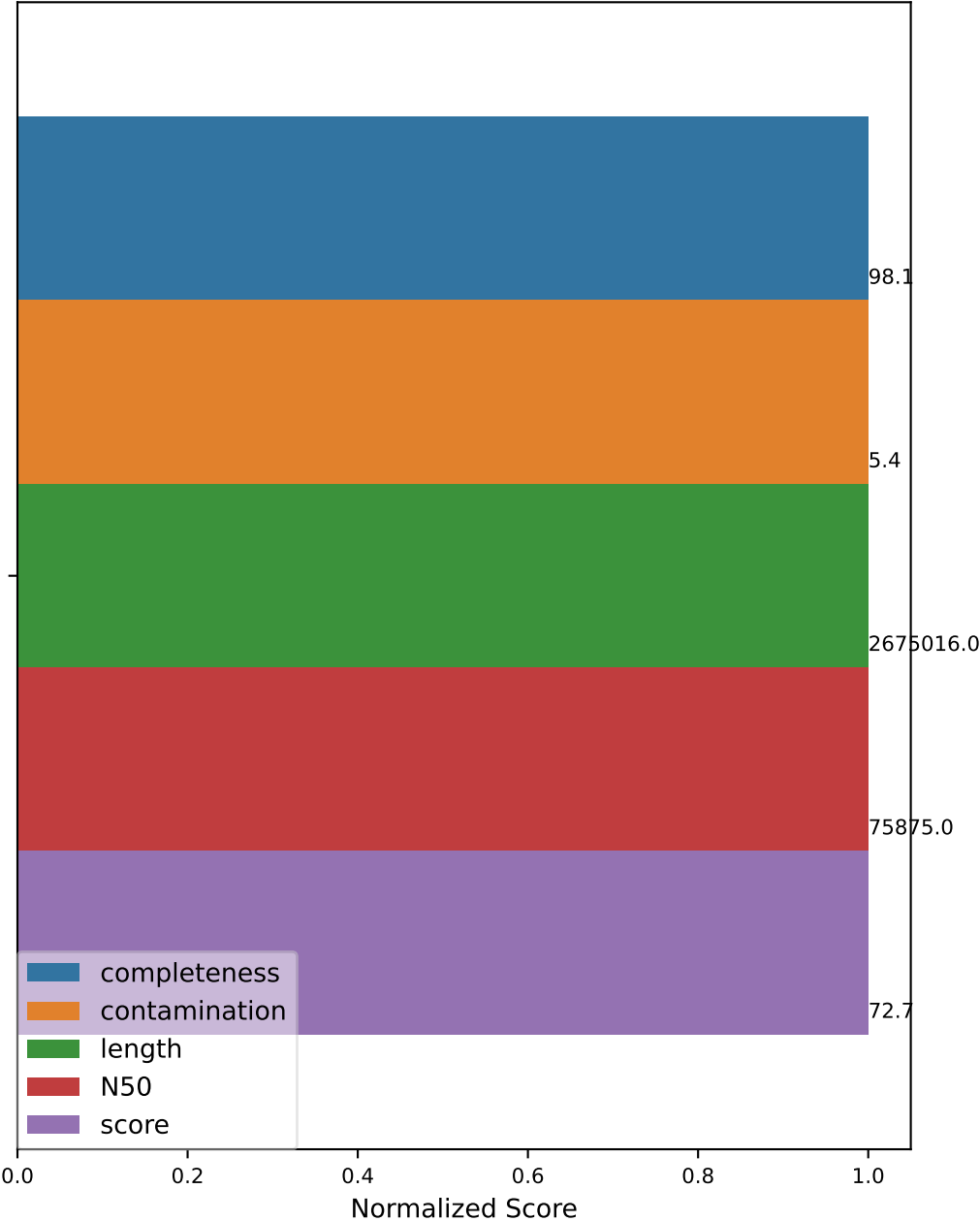
TOBG\_CPC-80.fna \*



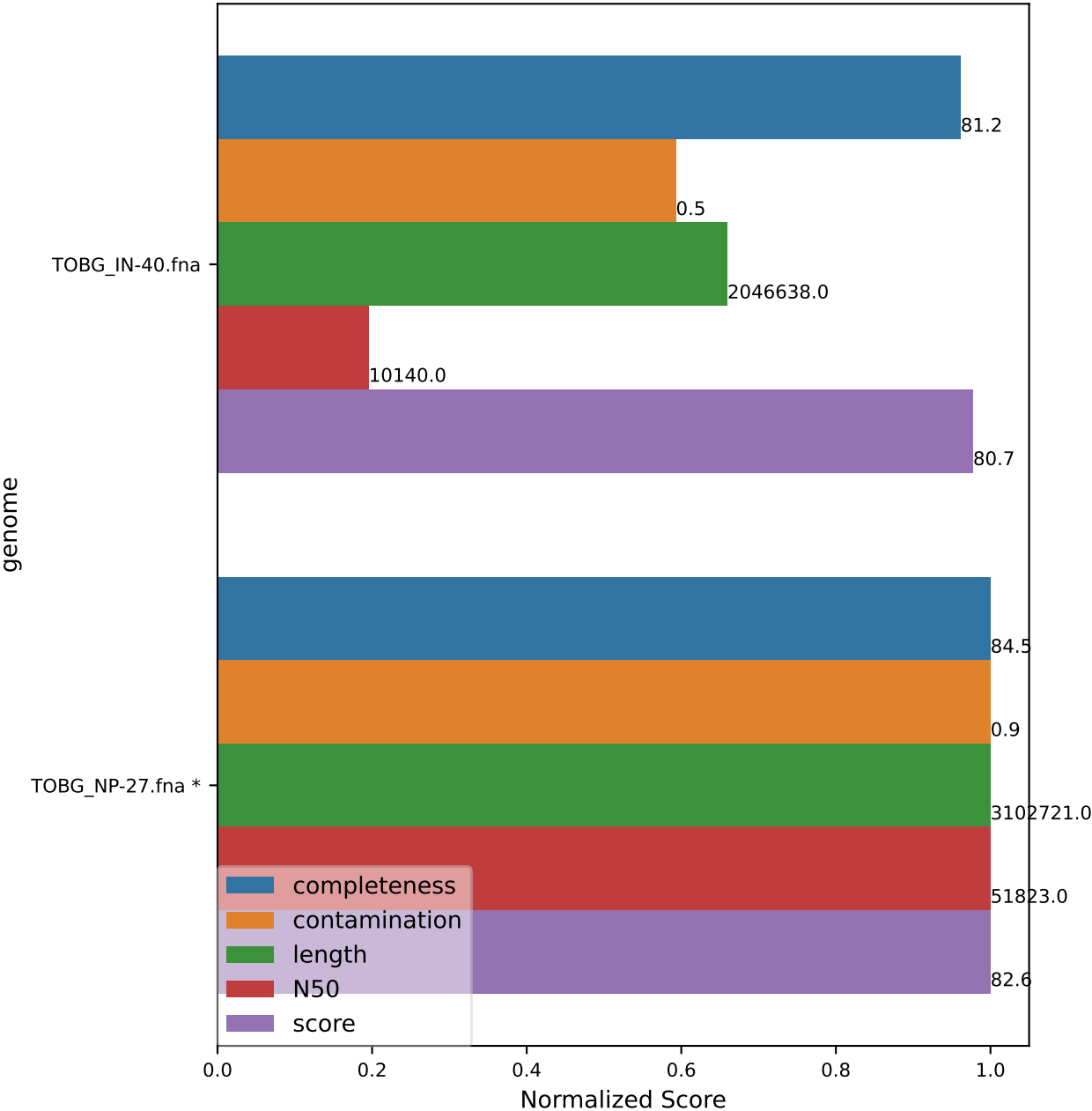
Scoring of cluster 306\_0

genome

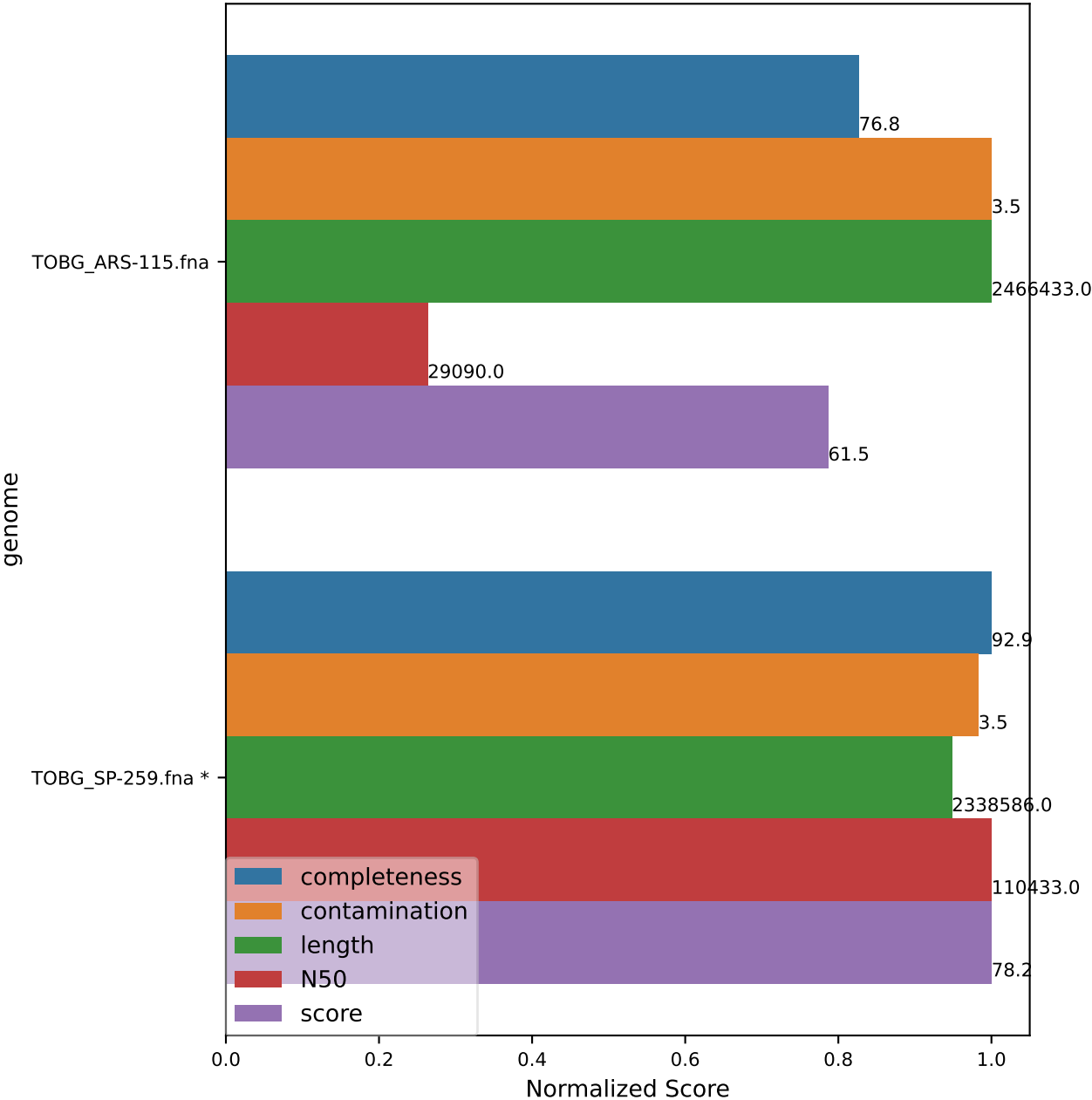
TOBG\_SAT-112.fna \*



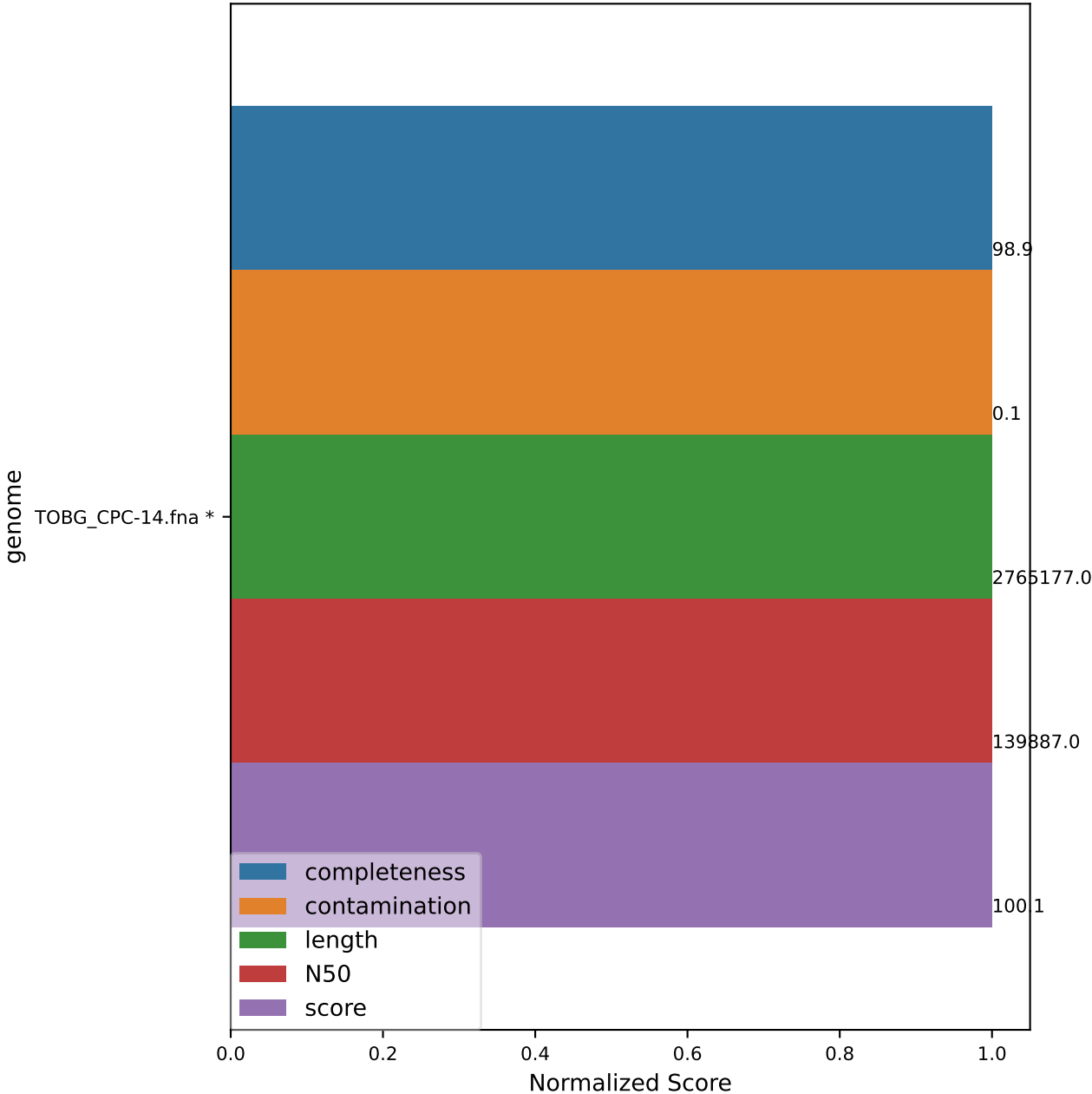
Scoring of cluster 307\_1



Scoring of cluster 308\_1



Scoring of cluster 308\_2

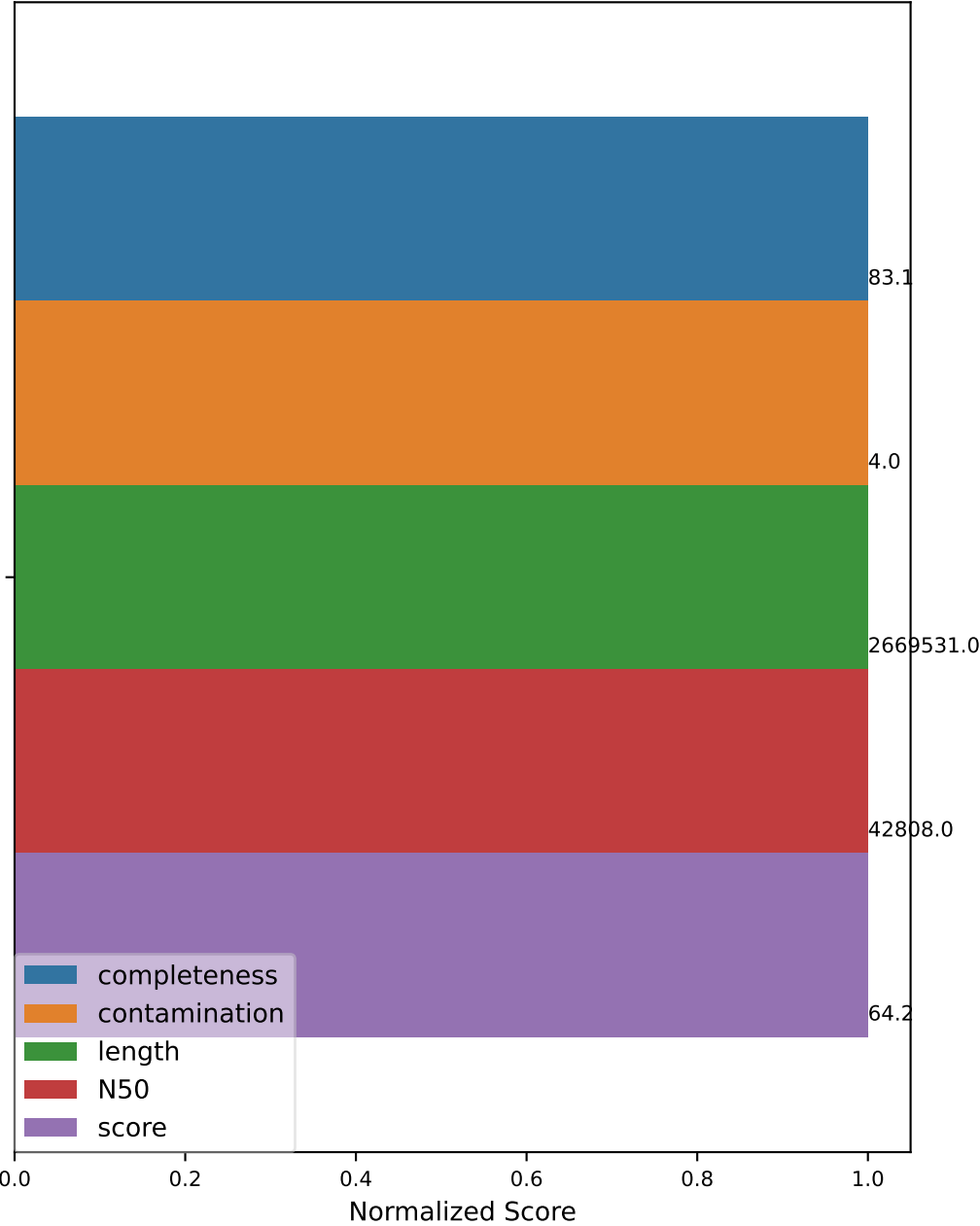




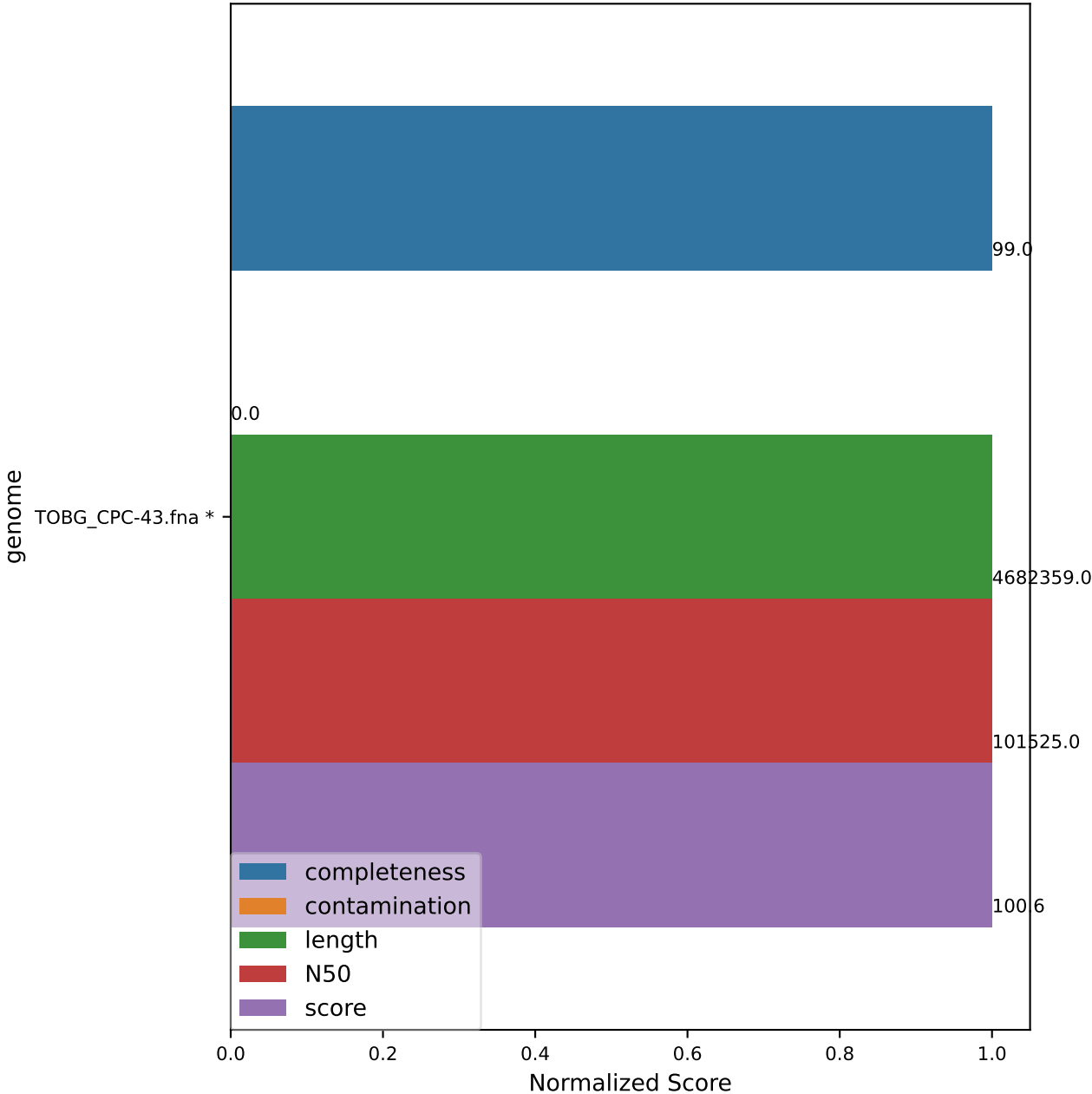
Scoring of cluster 309\_0

genome

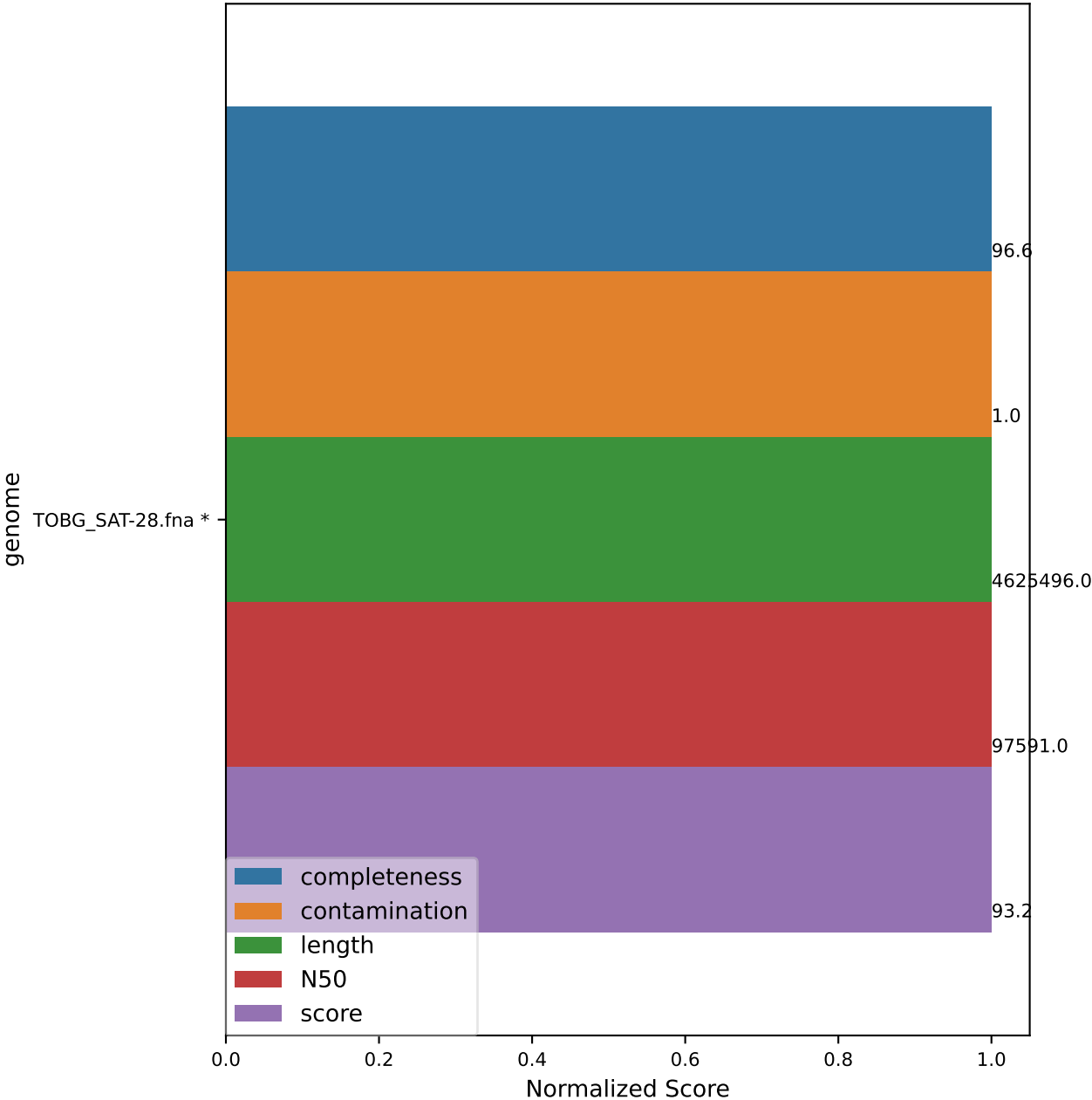
TOBG\_SP-86.fna \*



Scoring of cluster 310\_1



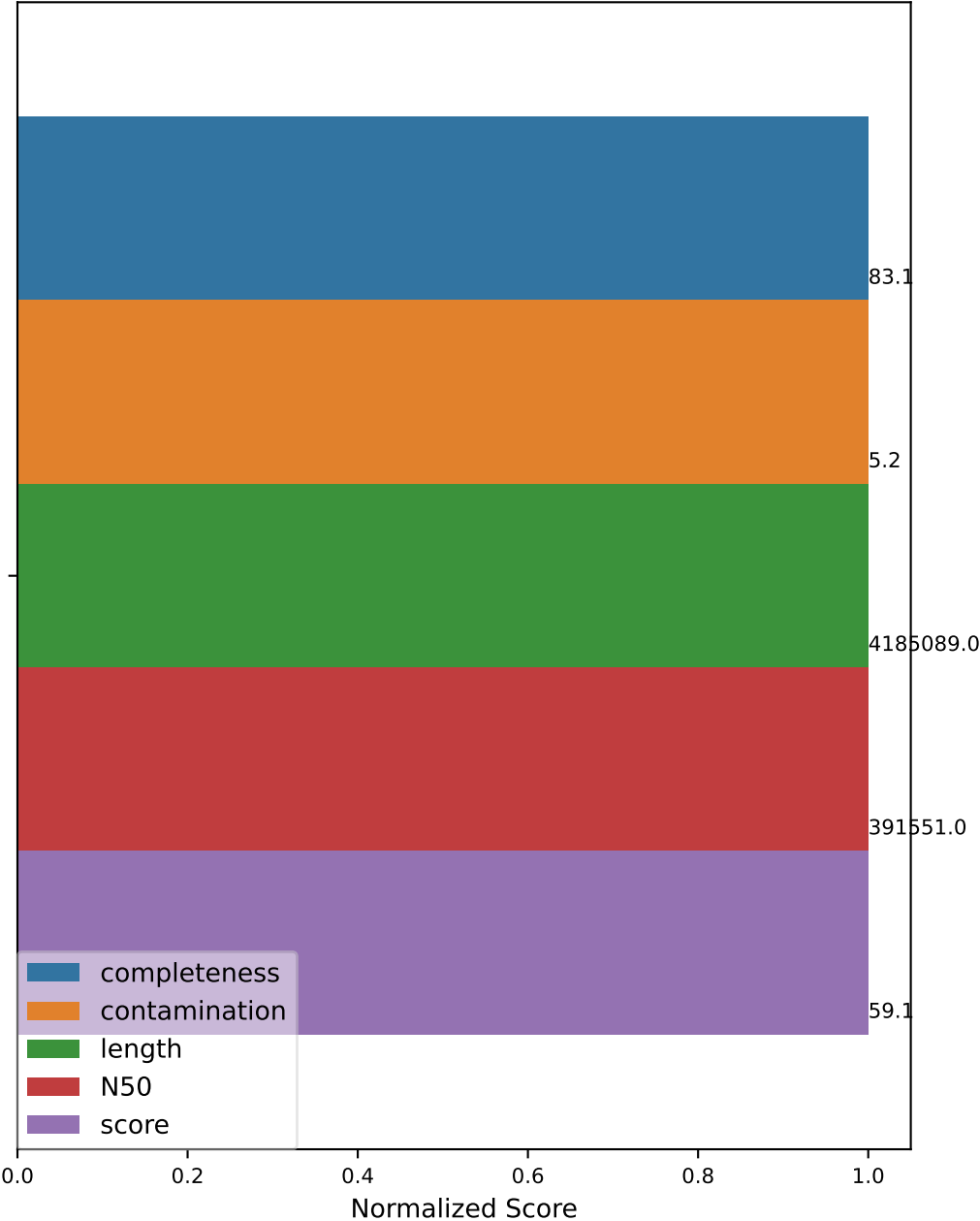
Scoring of cluster 310\_2



Scoring of cluster 311\_0

genome

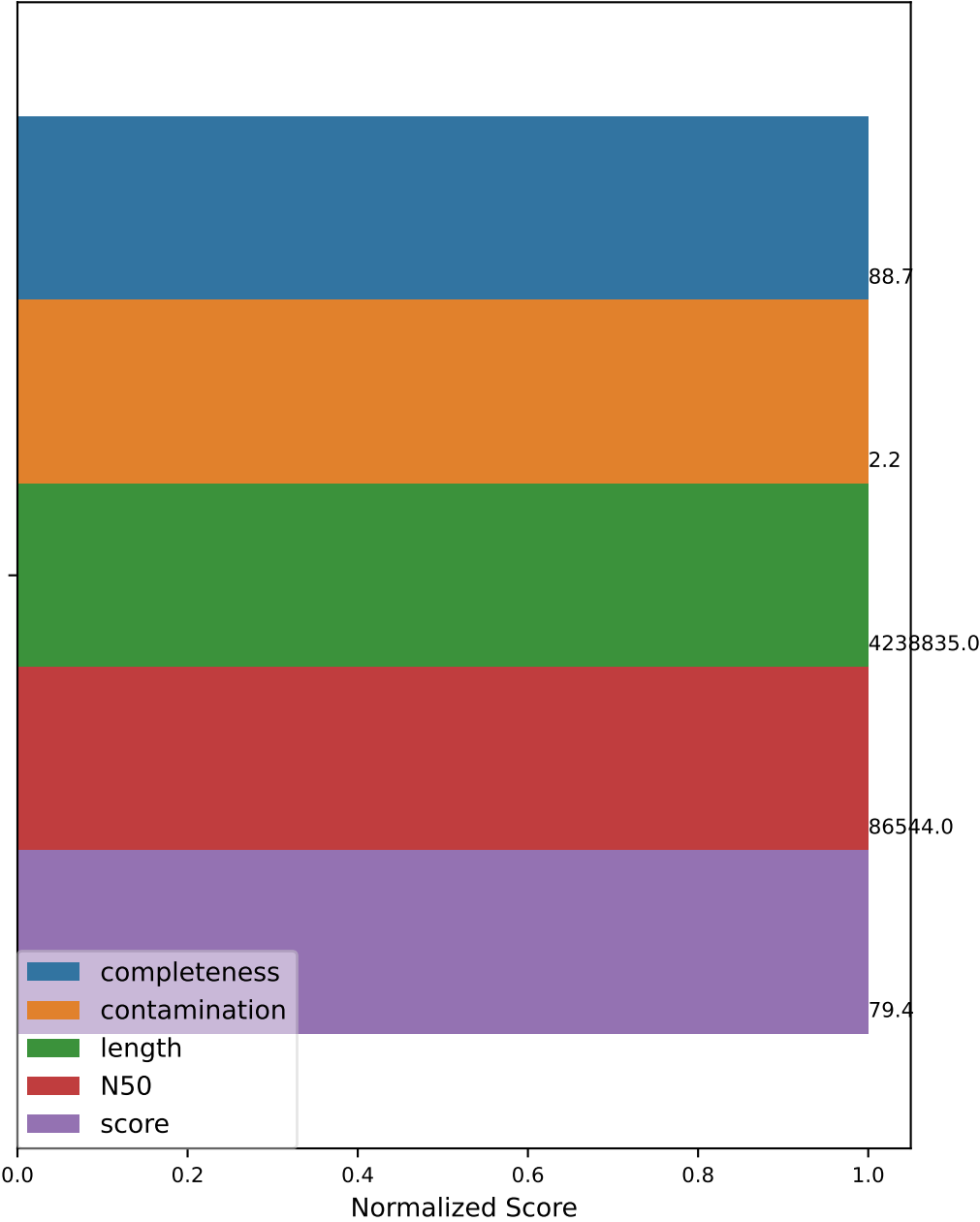
TOBG\_SAT-1308.fna \*



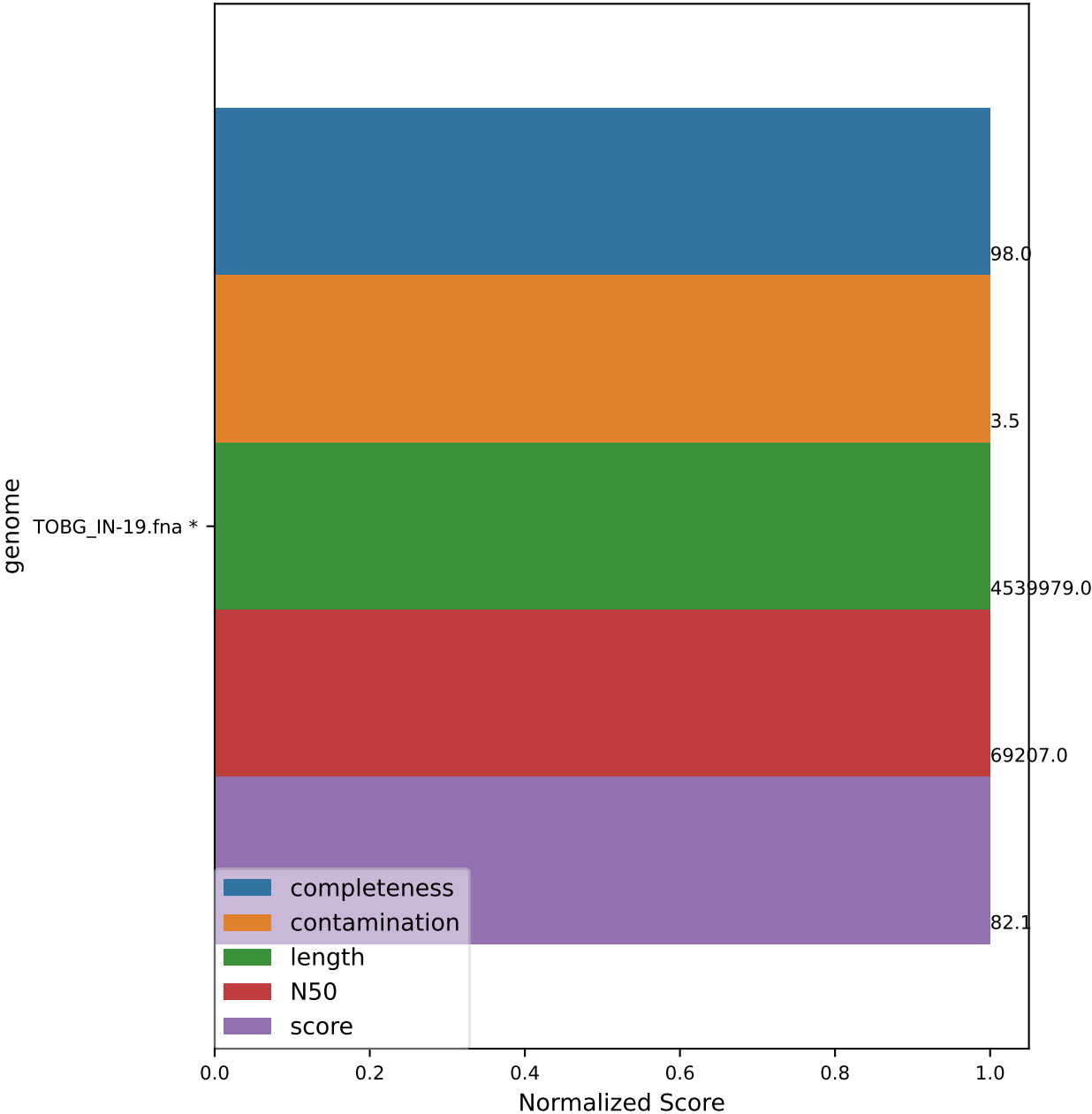
Scoring of cluster 312\_0

genome

TOBG\_SP-131.fna \*



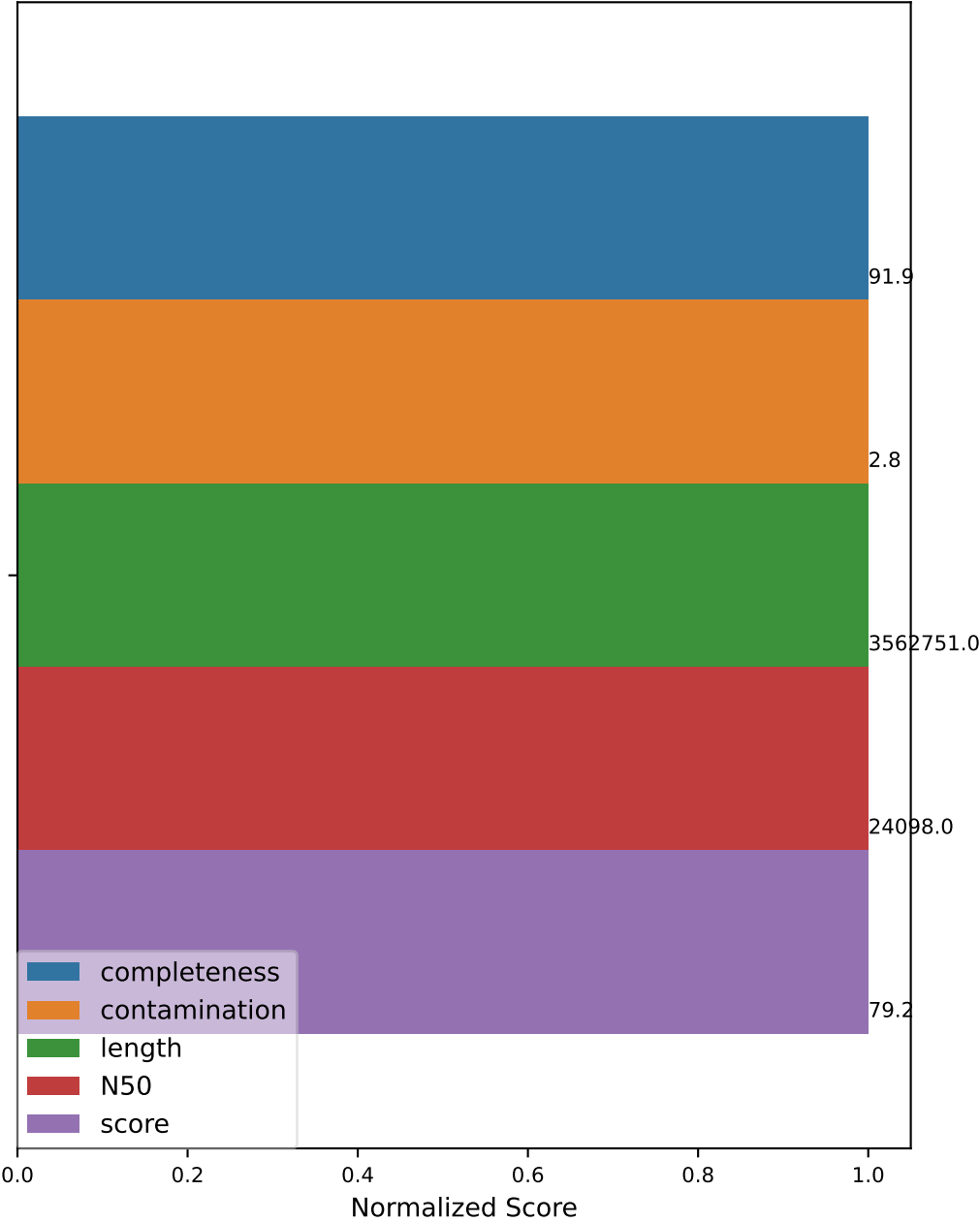
Scoring of cluster 313\_0



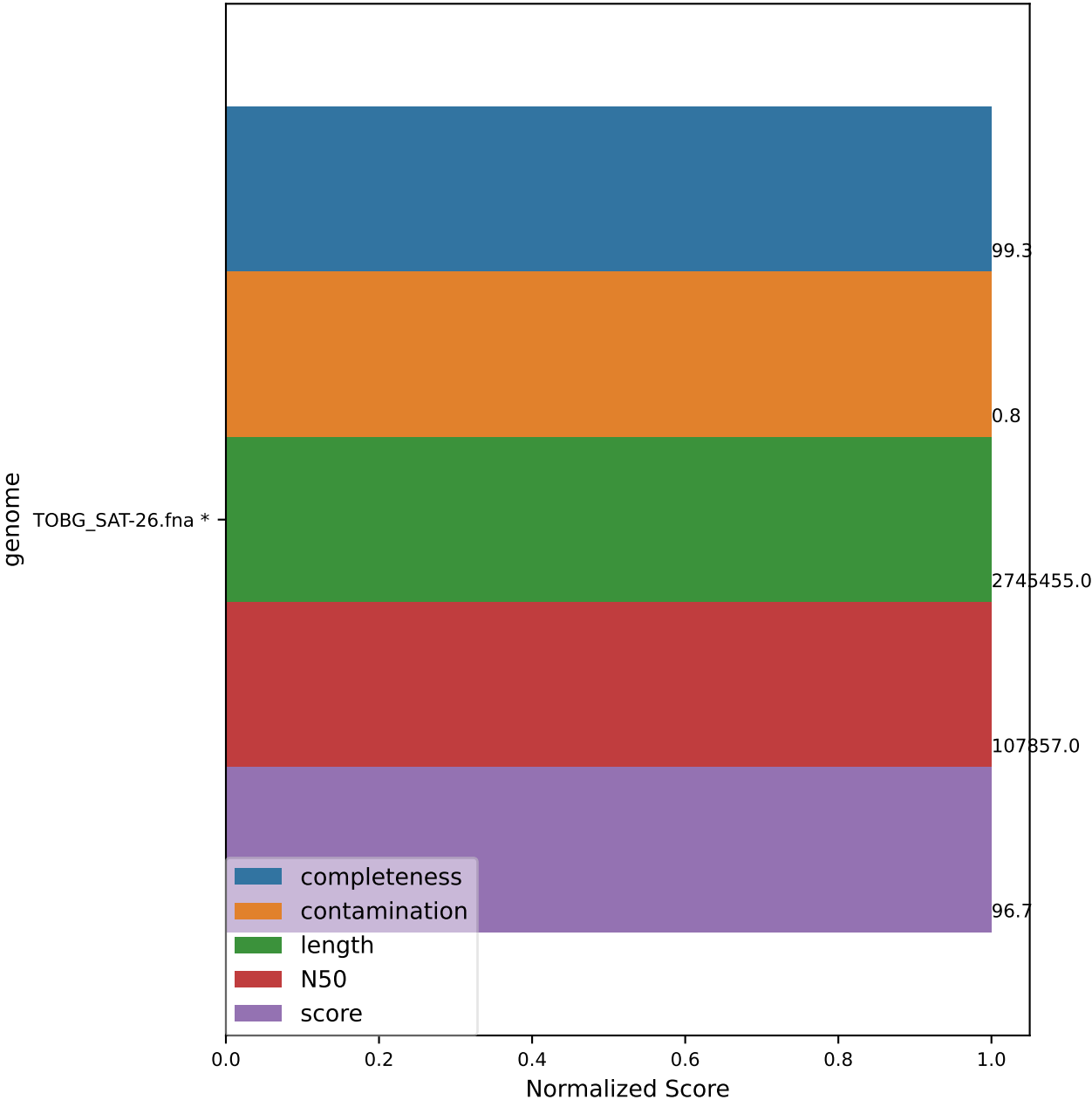
Scoring of cluster 314\_0

genome

TOBG\_NAT-127.fna \*

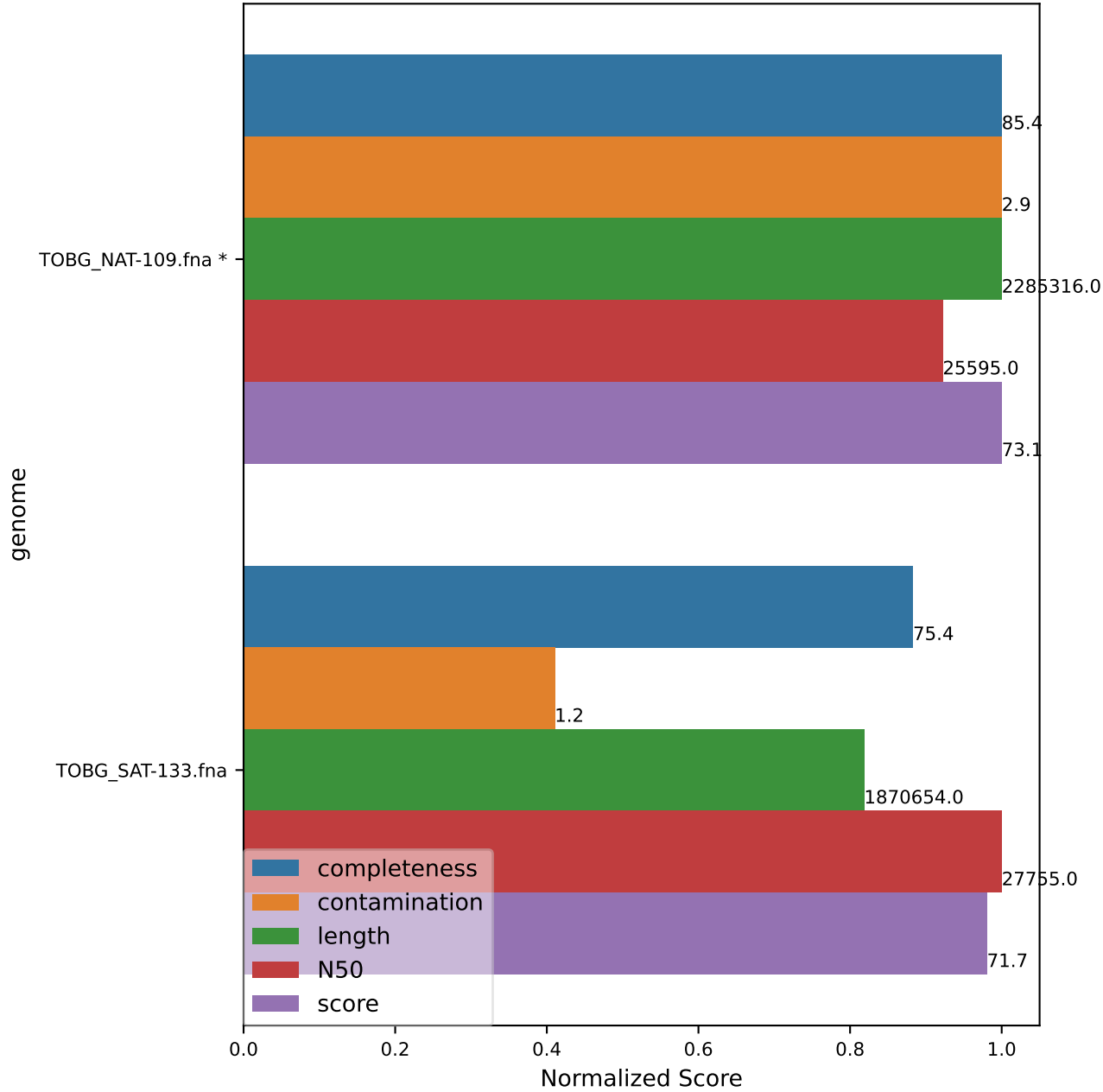


Scoring of cluster 315\_0

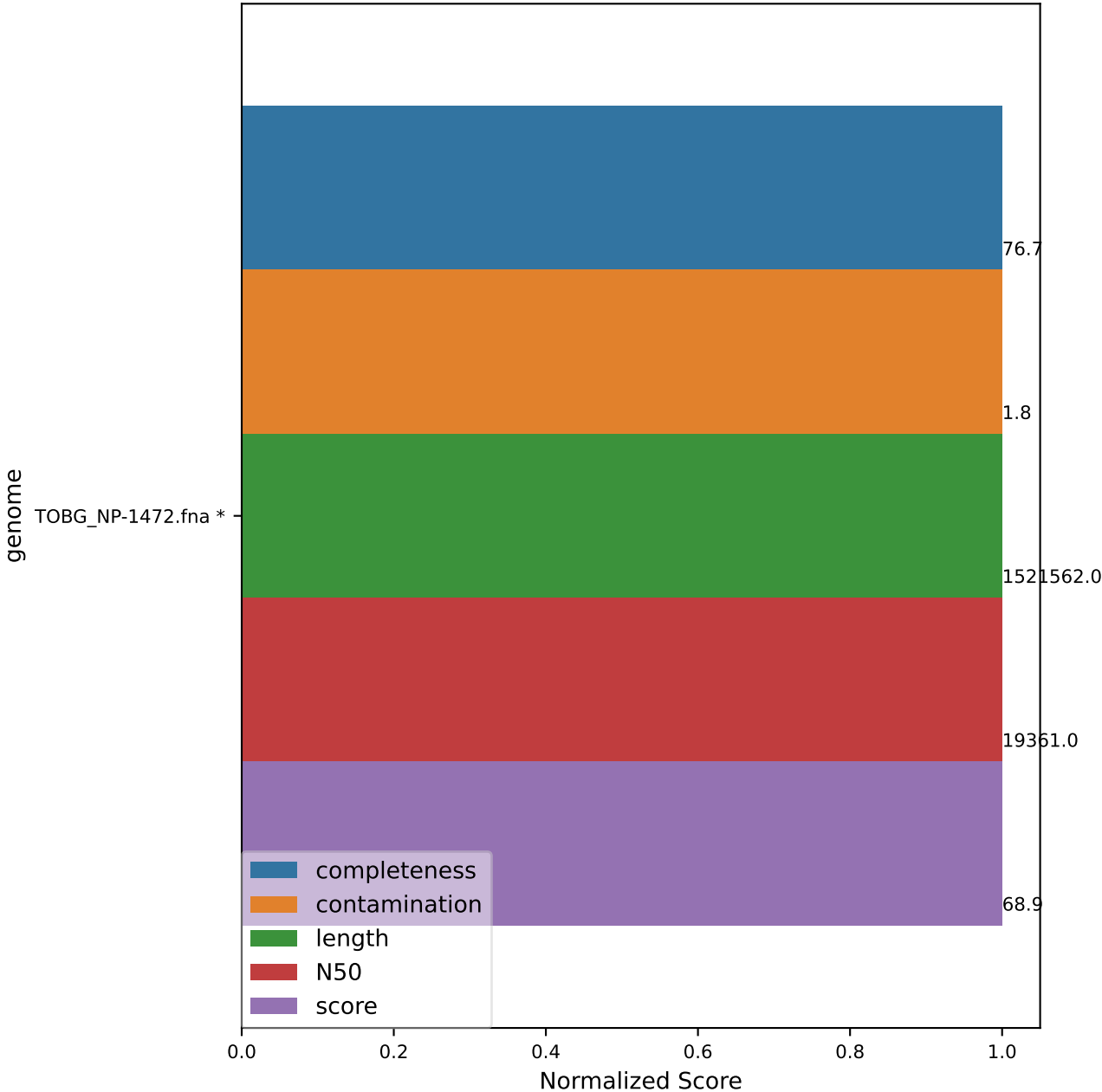




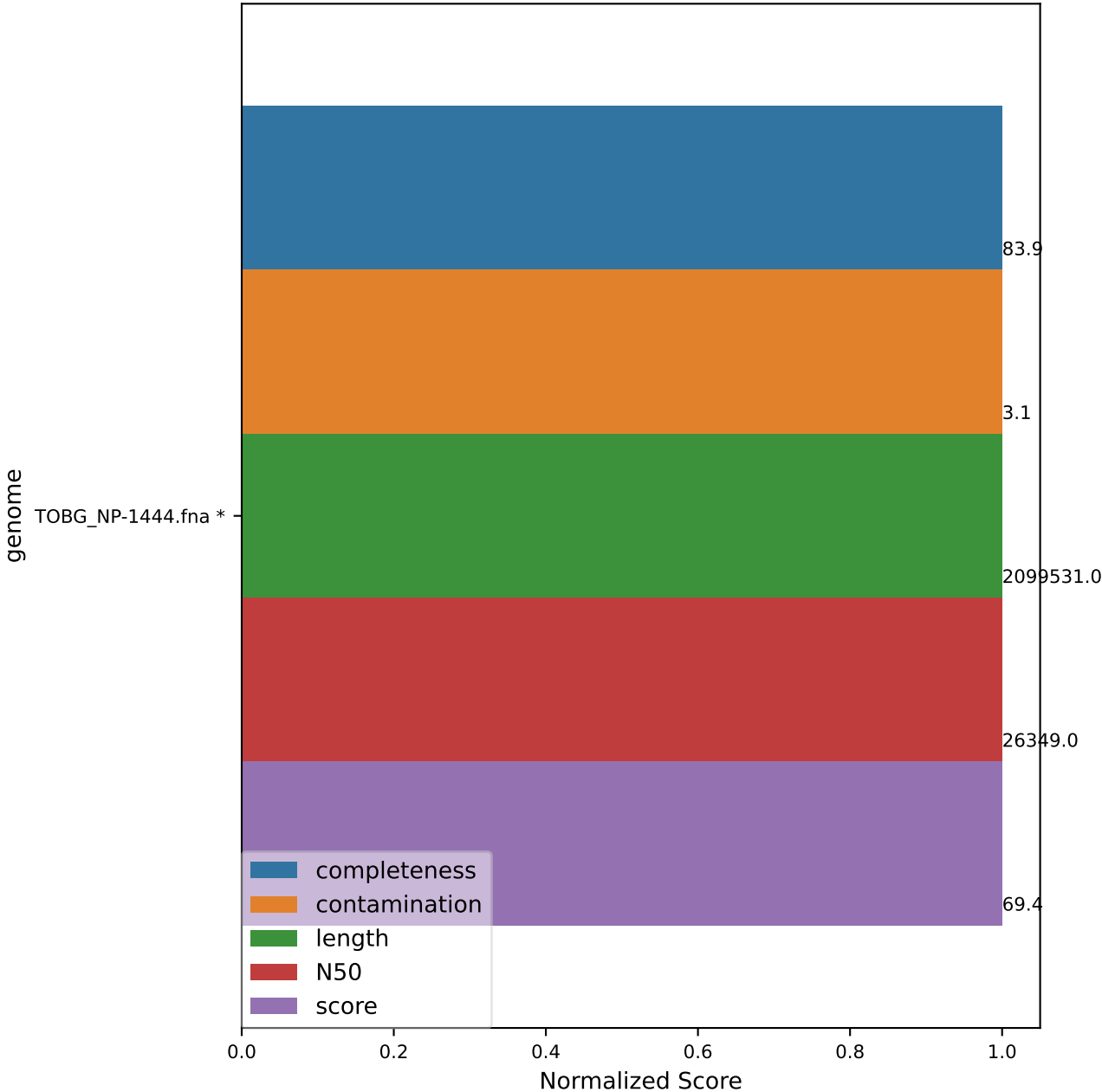
Scoring of cluster 316\_1



Scoring of cluster 317\_0



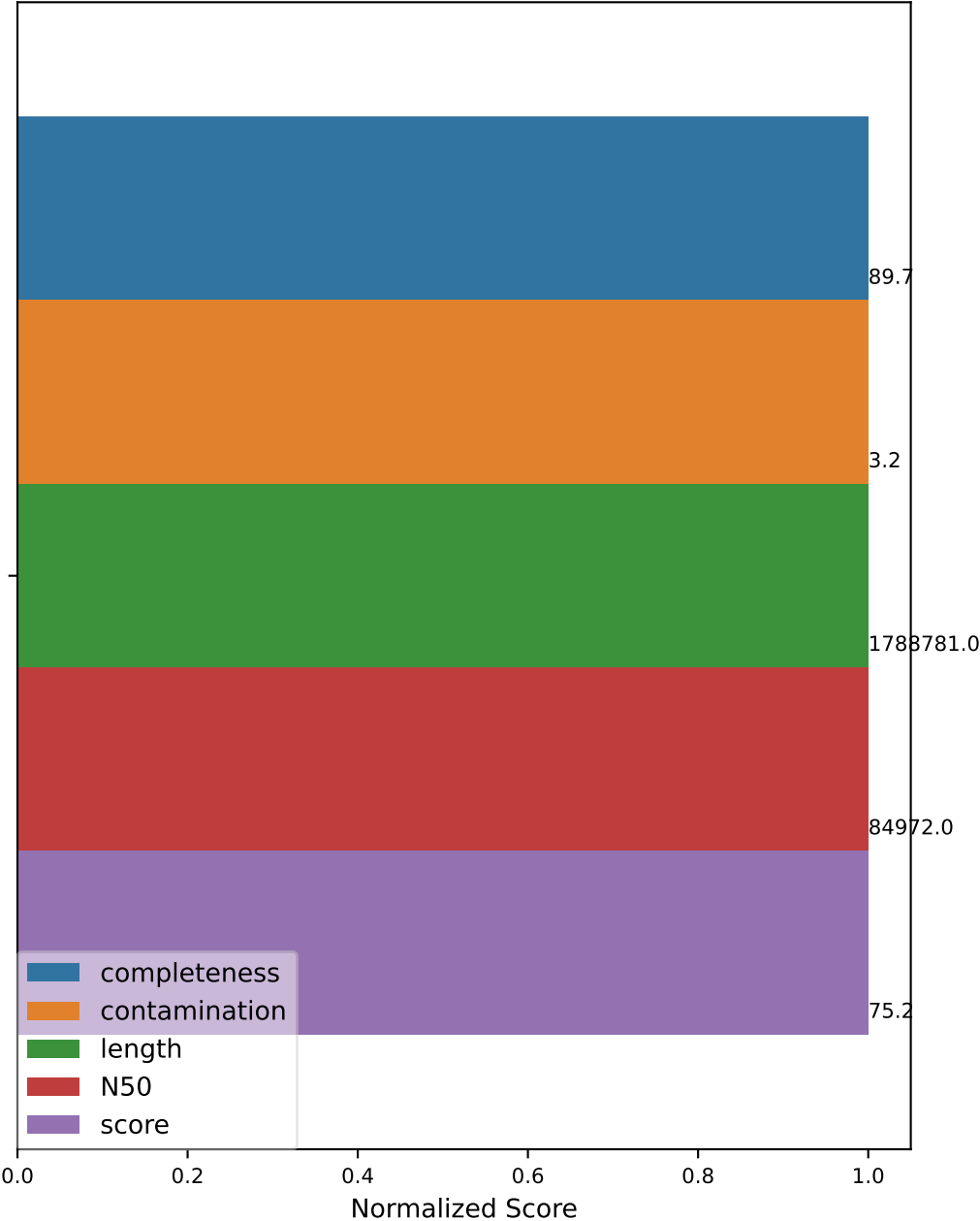
Scoring of cluster 318\_0



Scoring of cluster 319\_0

genome

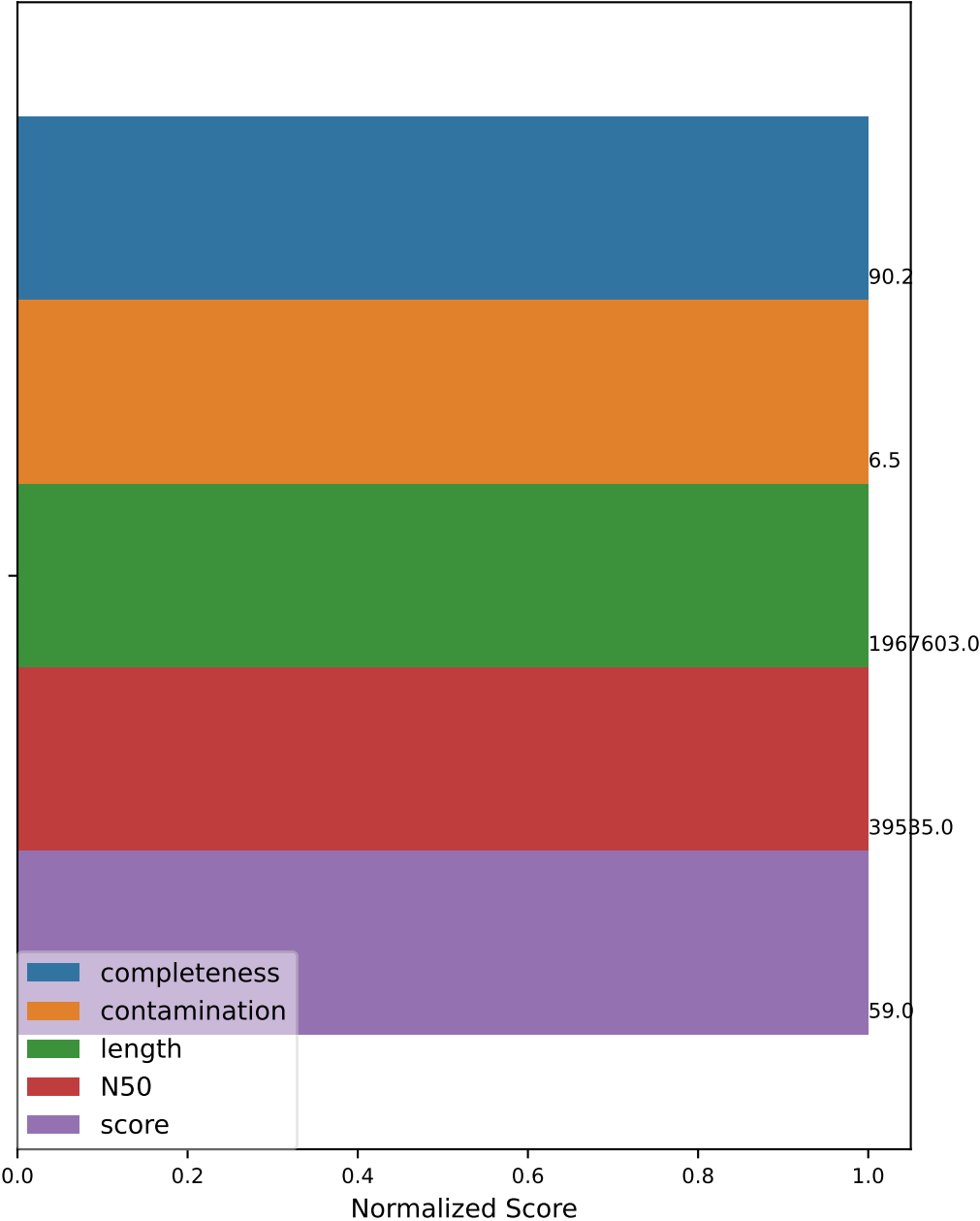
TOBG\_MED-759.fna \*



Scoring of cluster 320\_0

genome

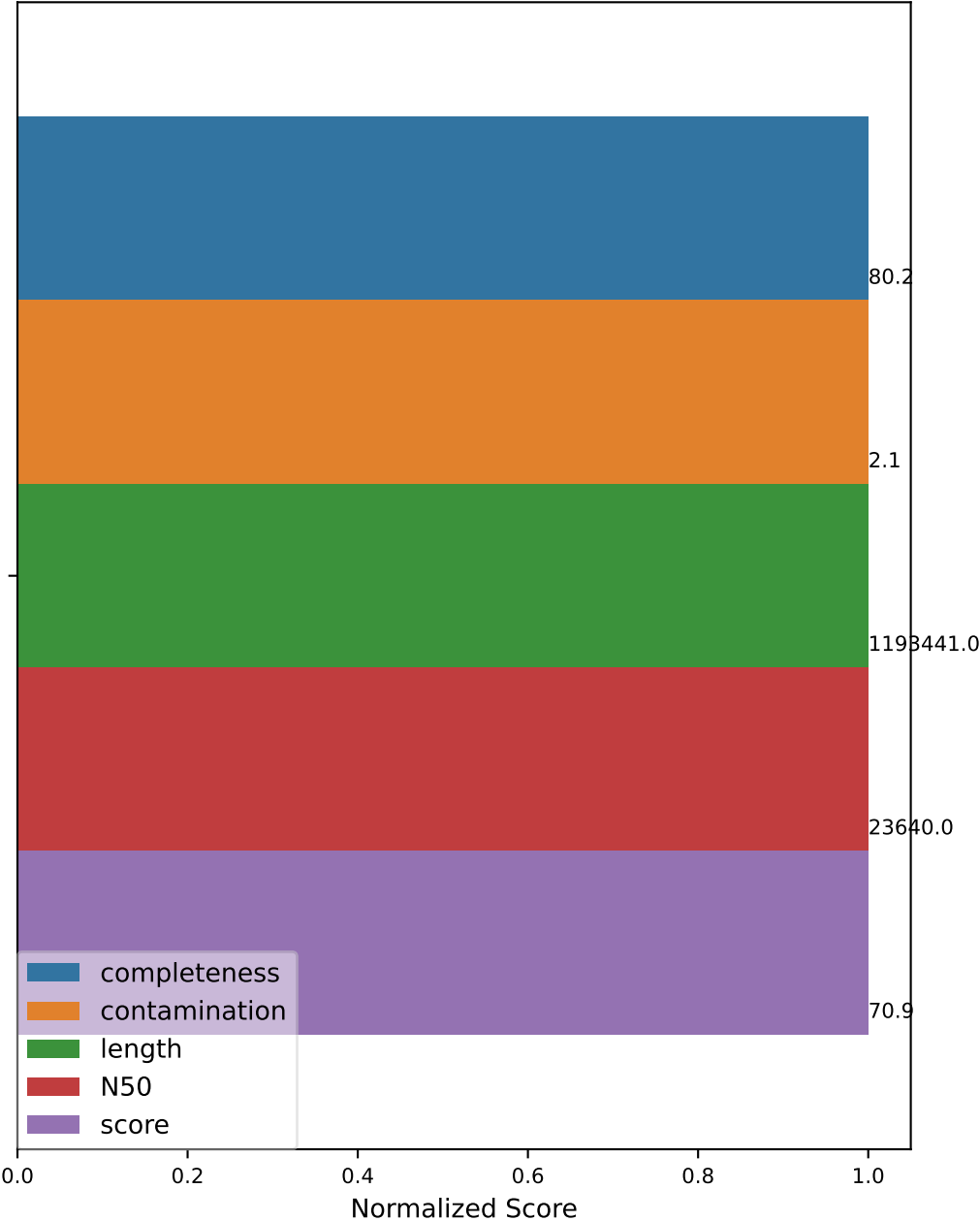
TOBG\_MED-814.fna \*



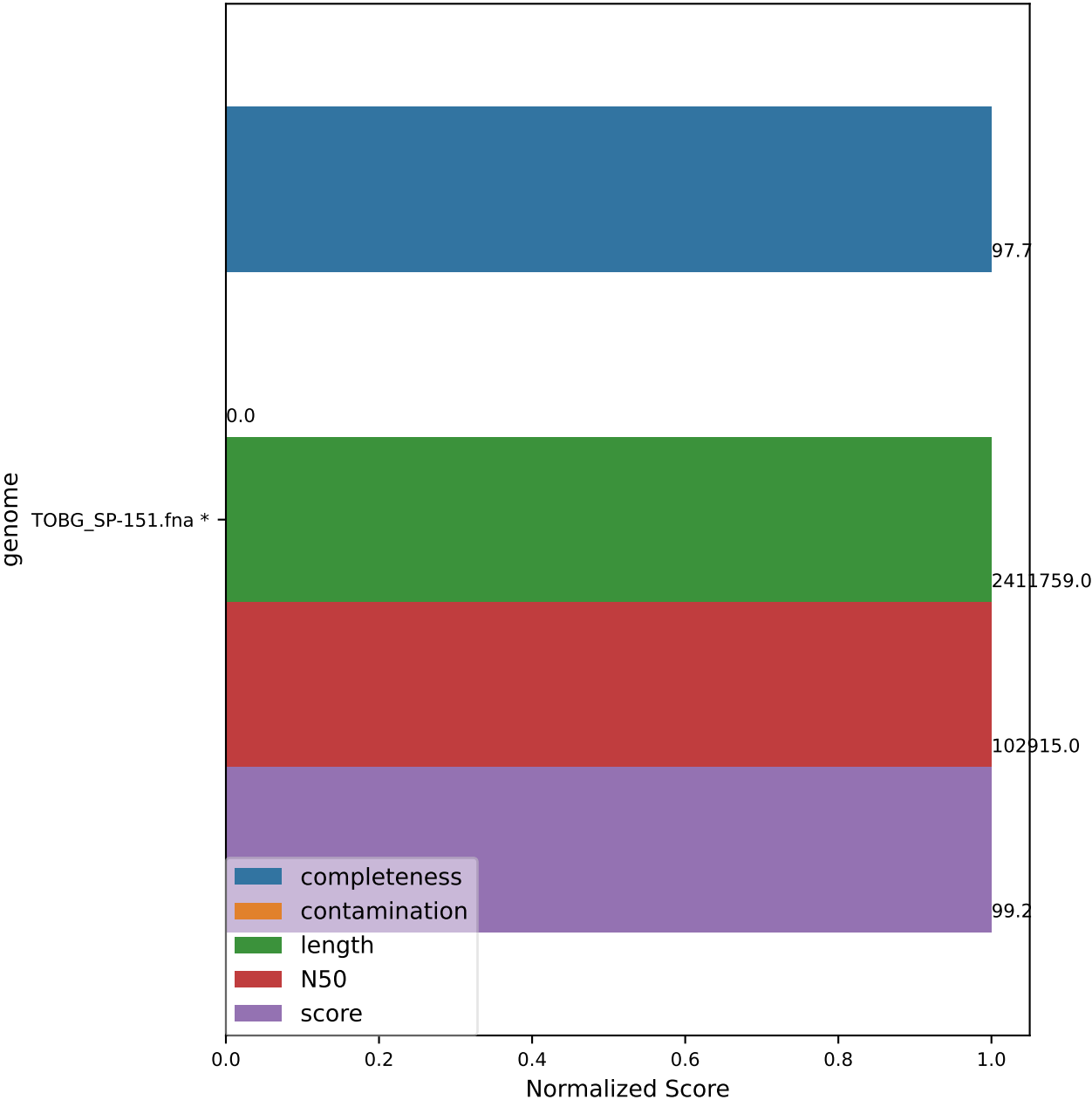
Scoring of cluster 321\_0

genome

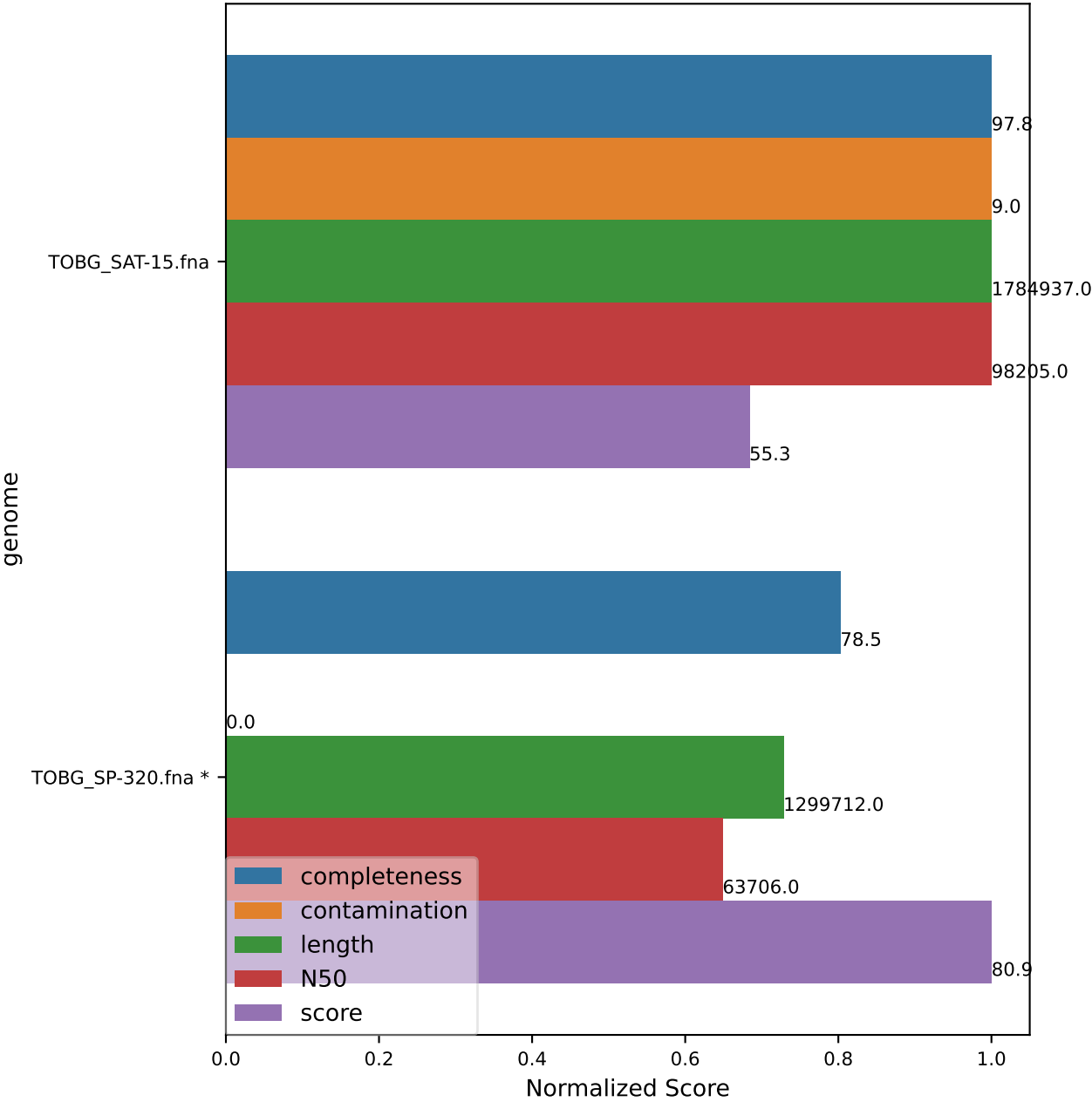
TOBG\_MED-626.fna \*



Scoring of cluster 322\_0

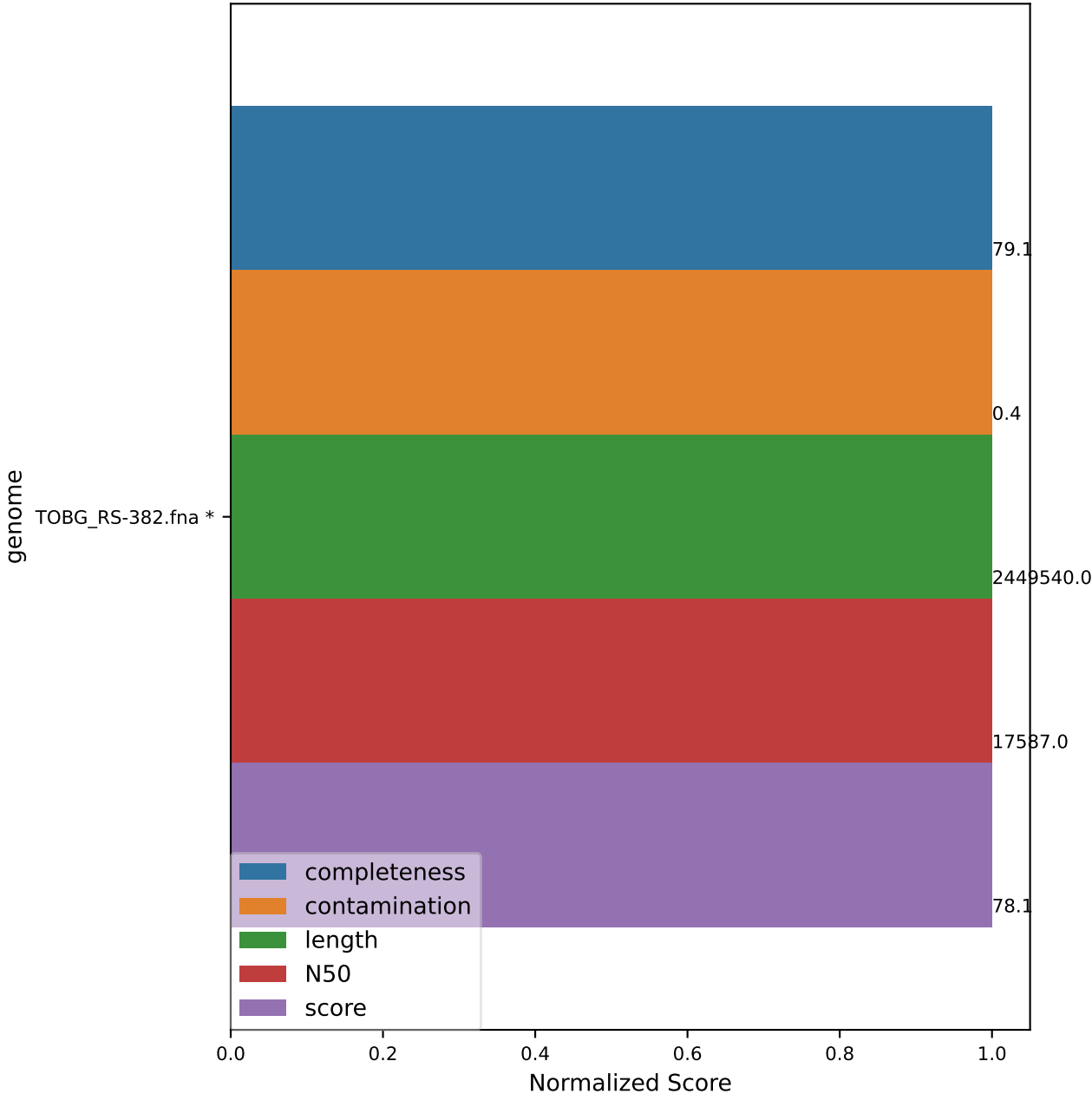


Scoring of cluster 323\_1





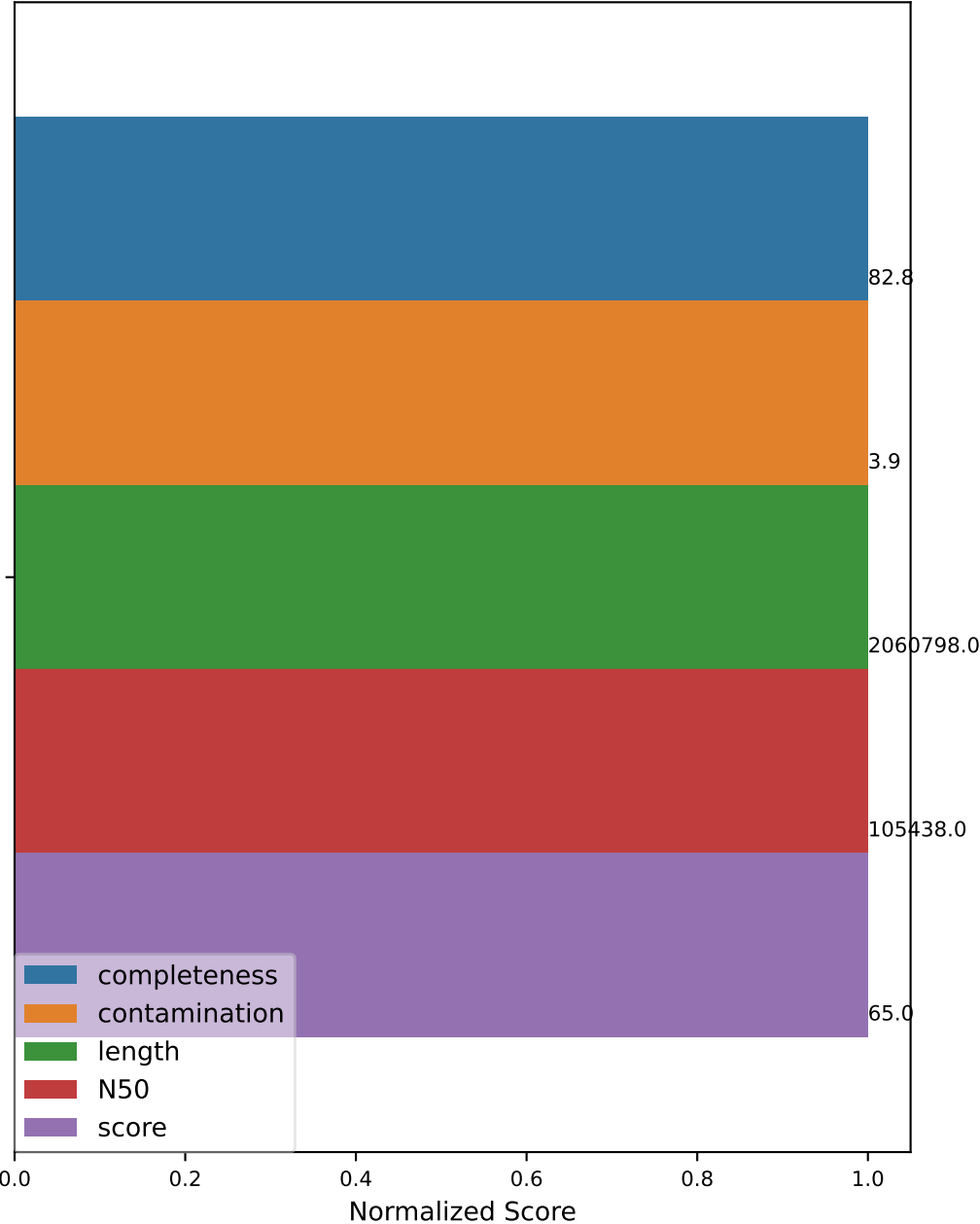
Scoring of cluster 324\_0



Scoring of cluster 325\_0

genome

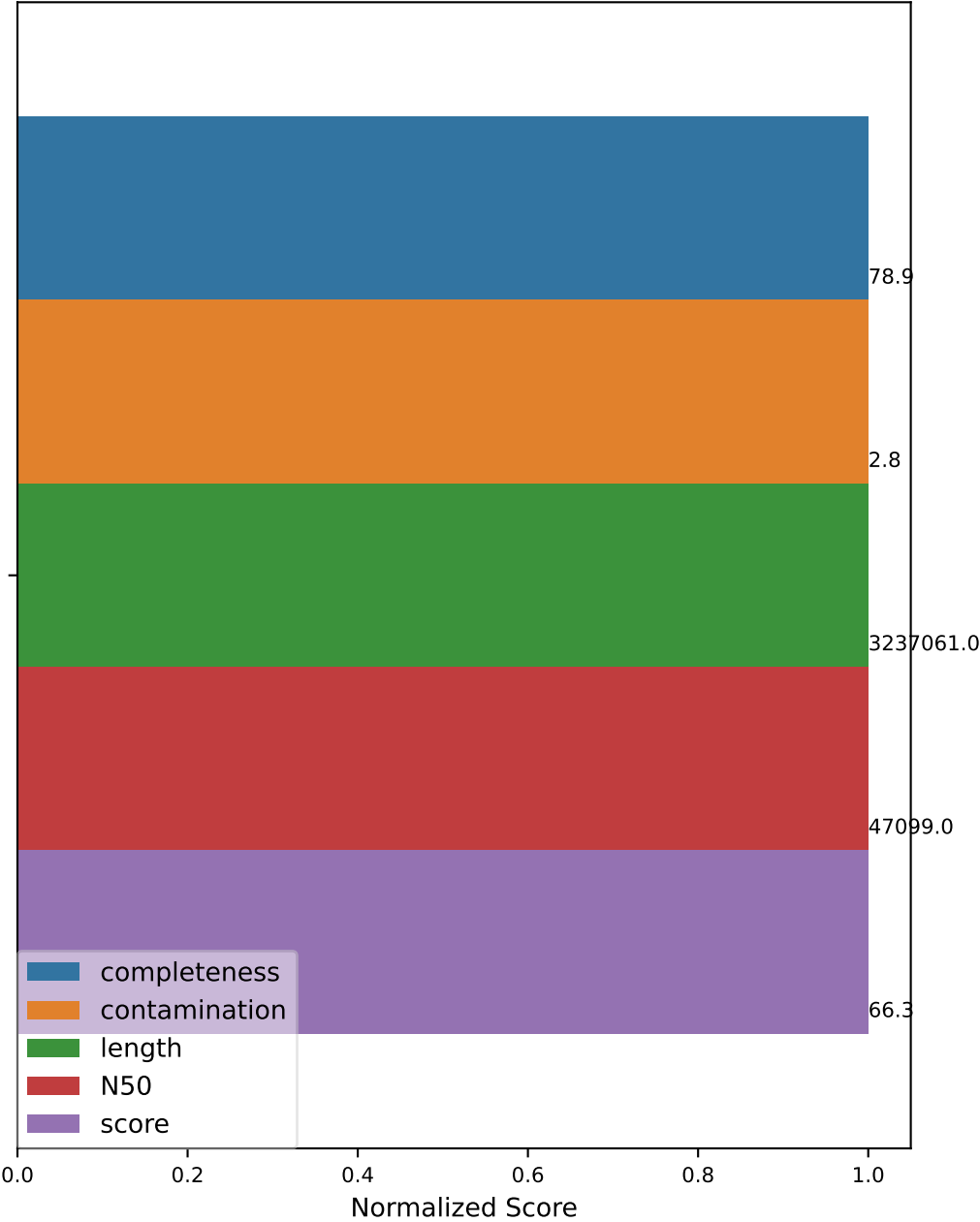
TOBG\_SP-253.fna \*



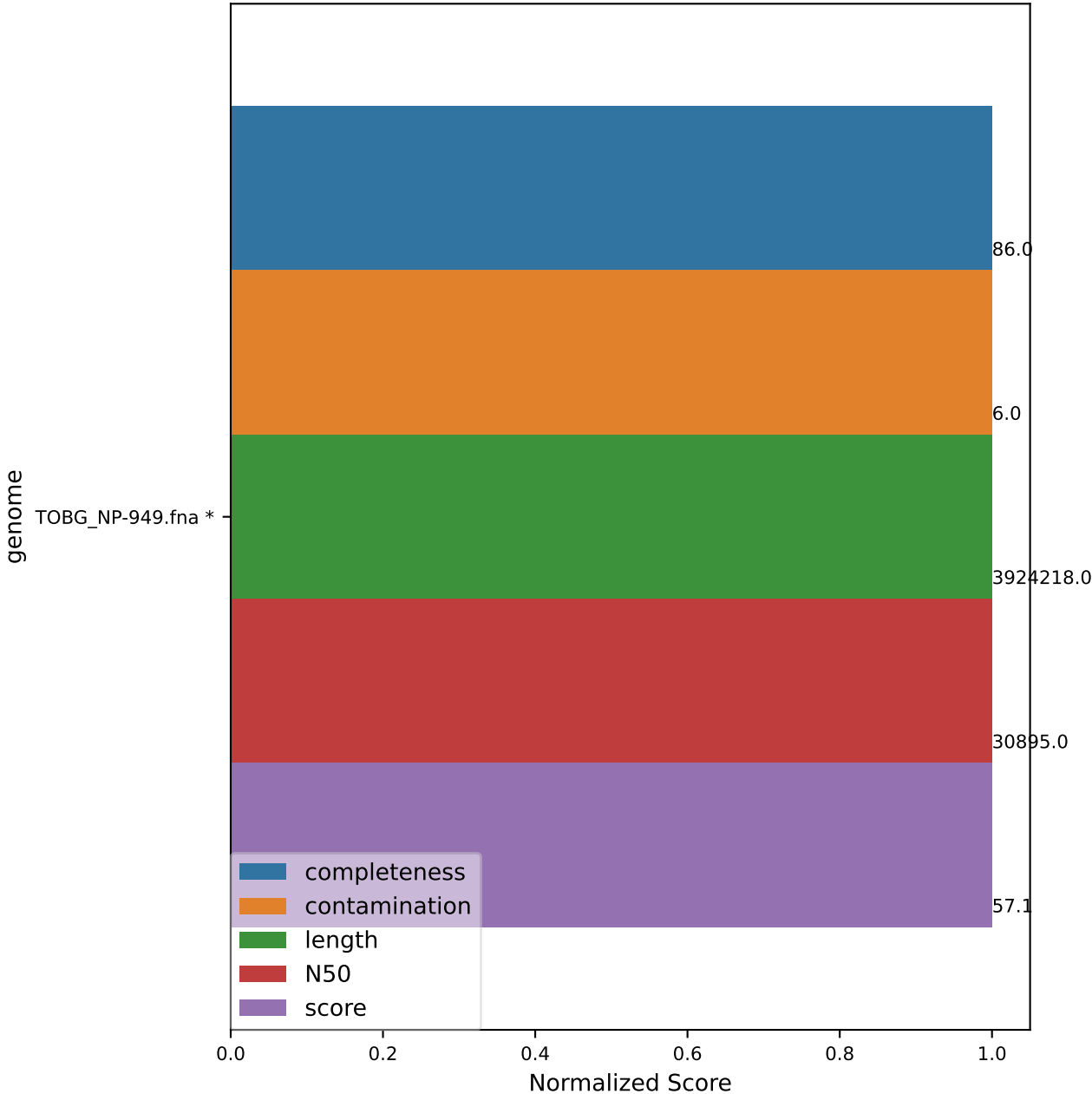
Scoring of cluster 326\_0

genome

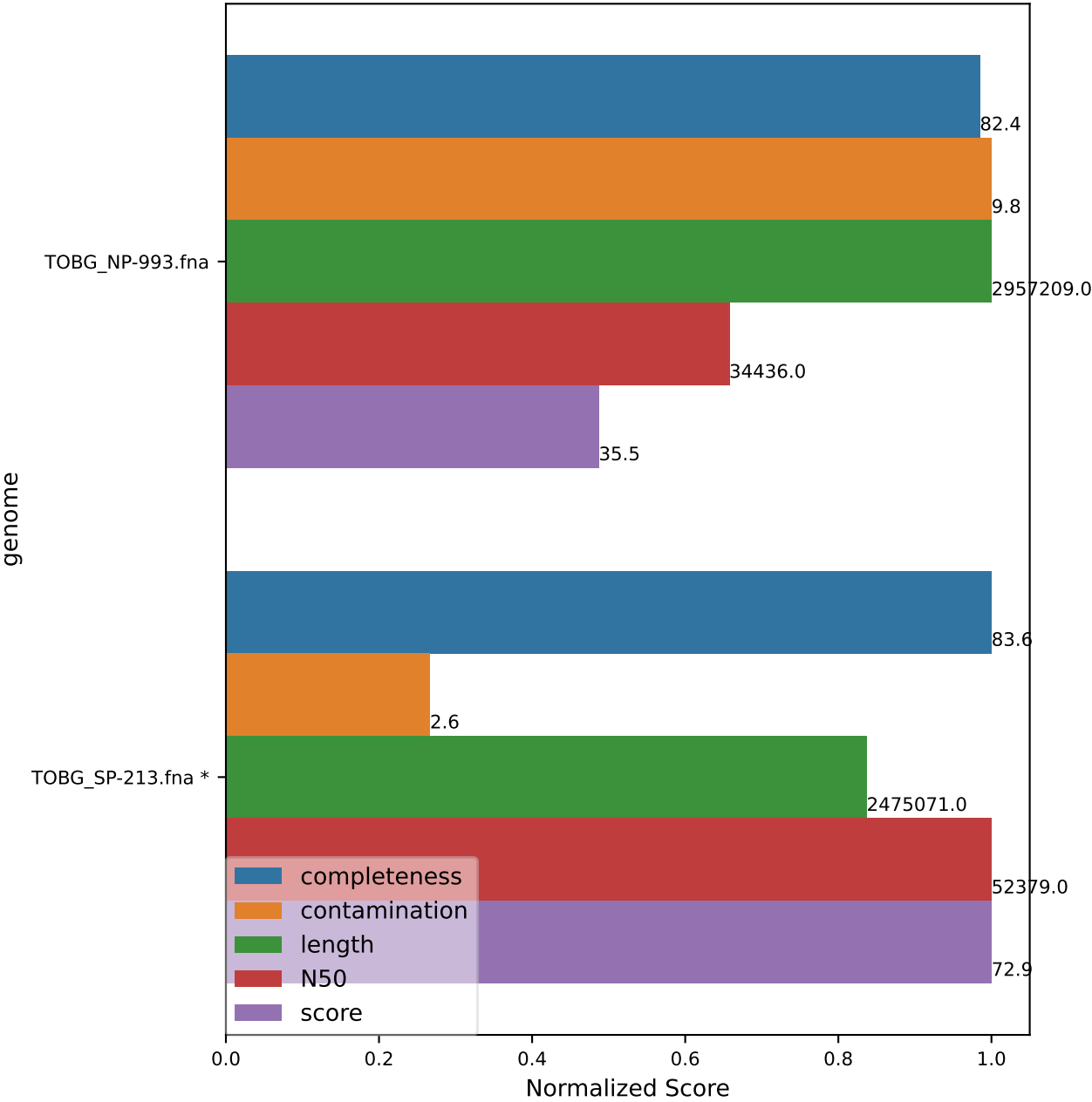
TOBG\_NP-948.fna \*



Scoring of cluster 327\_0



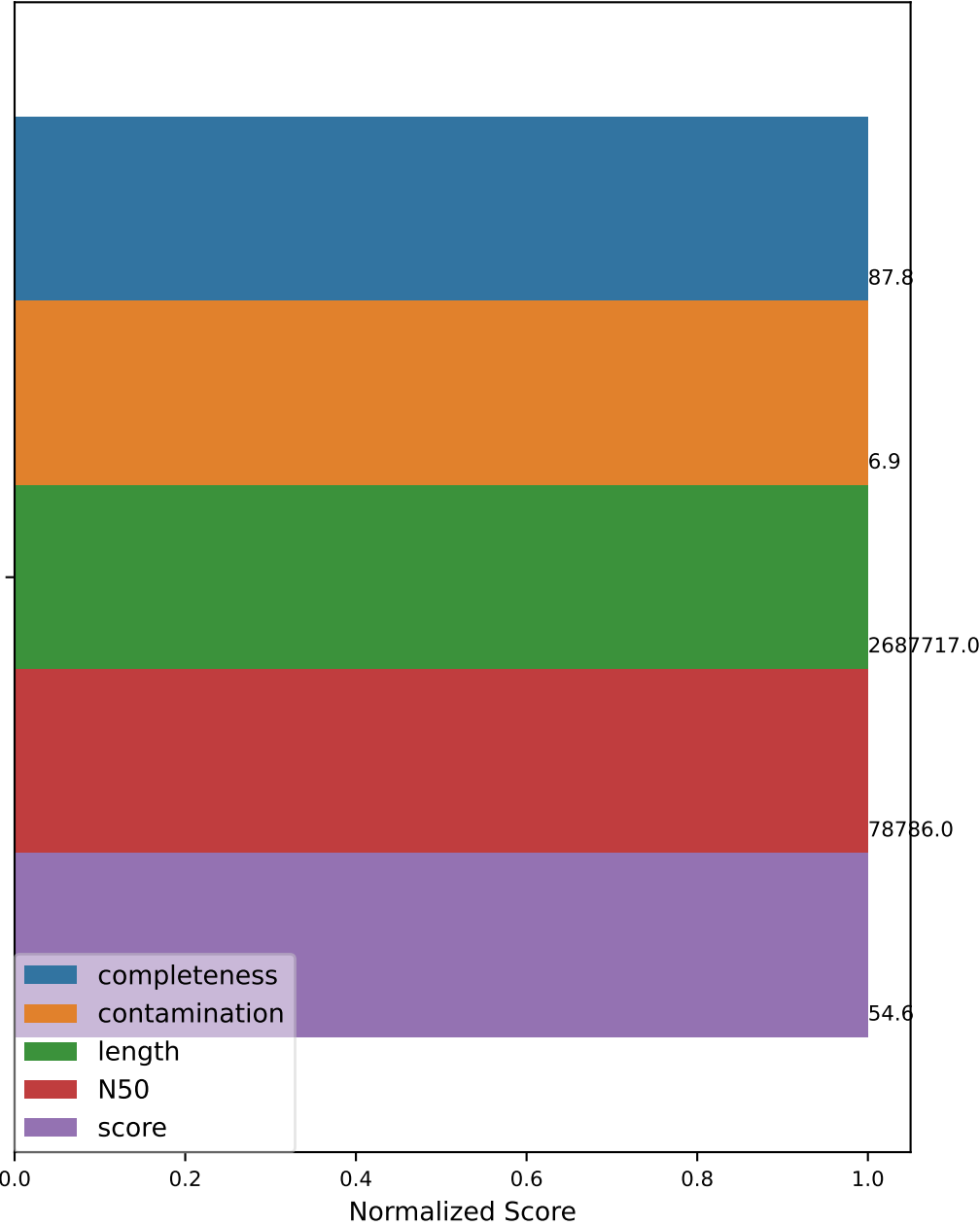
Scoring of cluster 328\_1



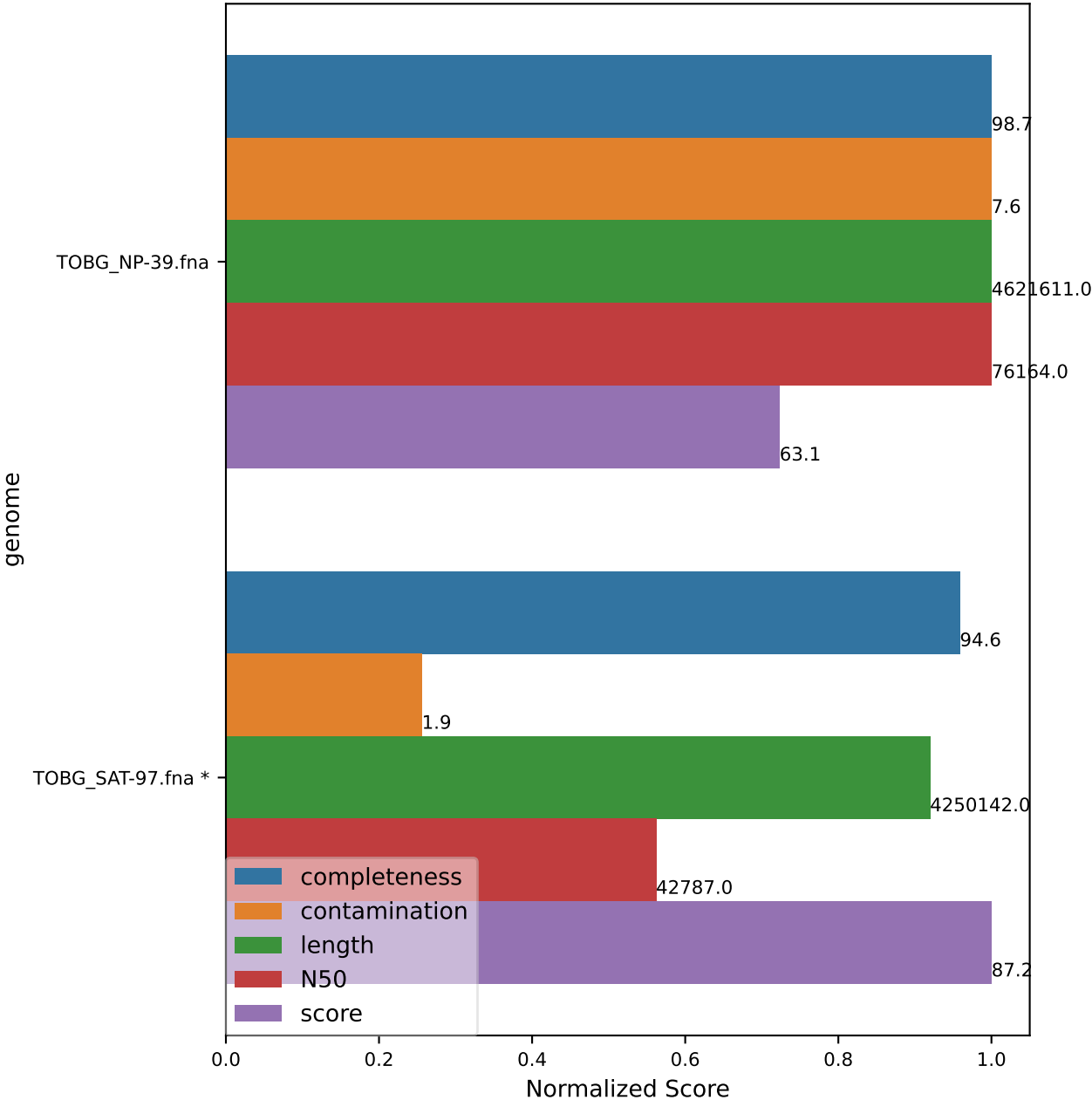
Scoring of cluster 329\_0

genome

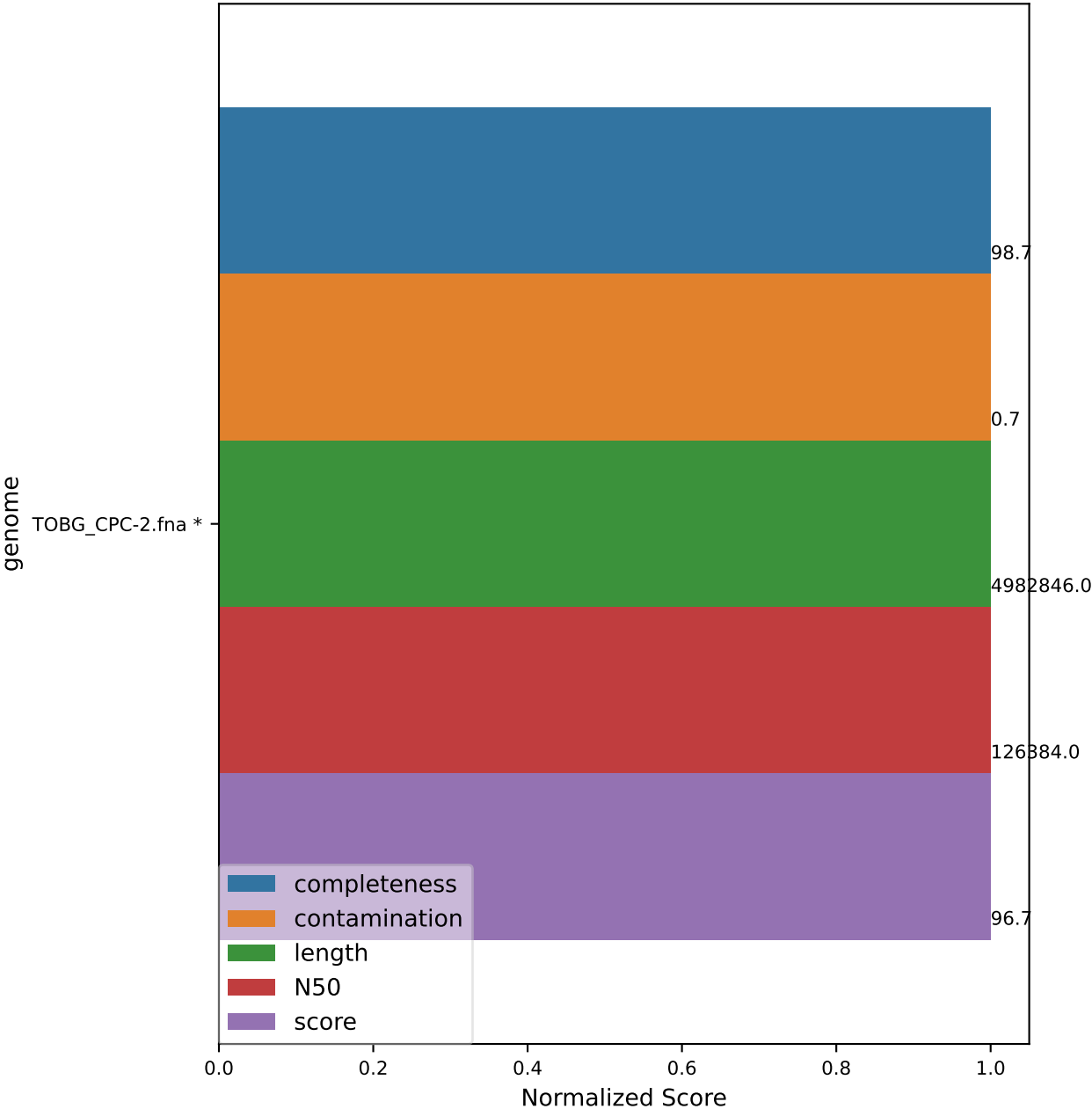
TOBG\_NP-942.fna \*



Scoring of cluster 330\_1



Scoring of cluster 331\_0

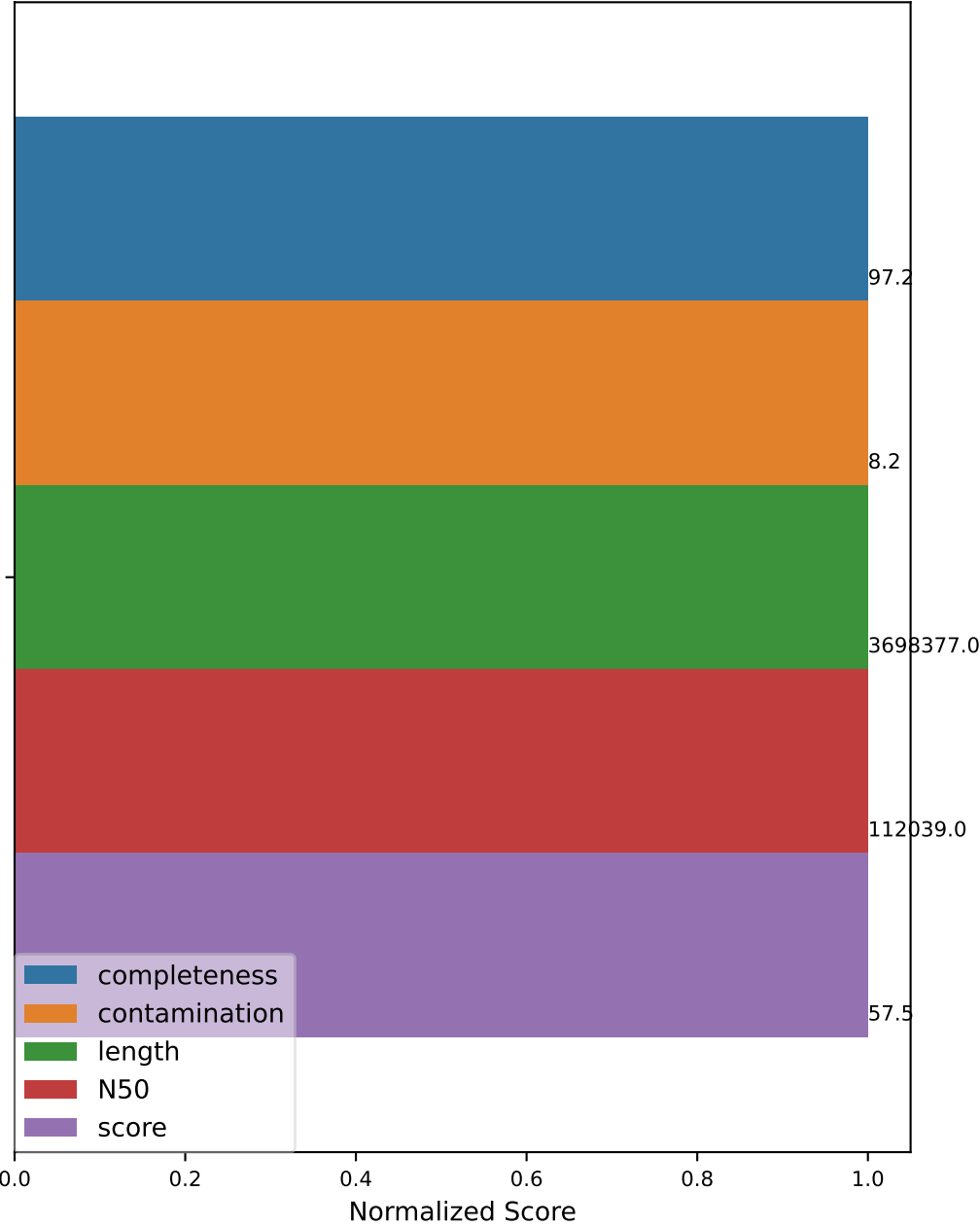




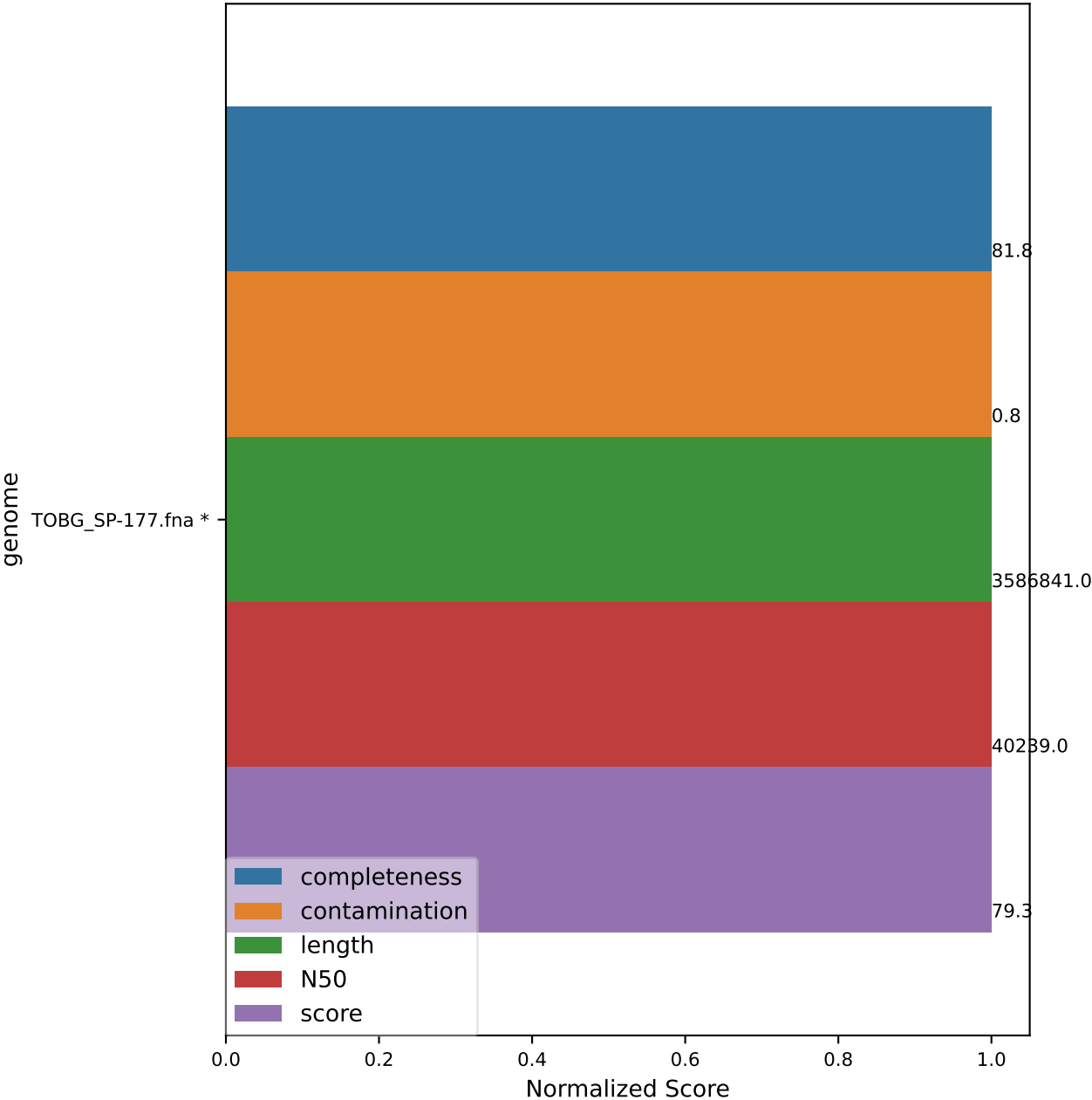
Scoring of cluster 332\_0

genome

TOBG\_NAT-67.fna \*



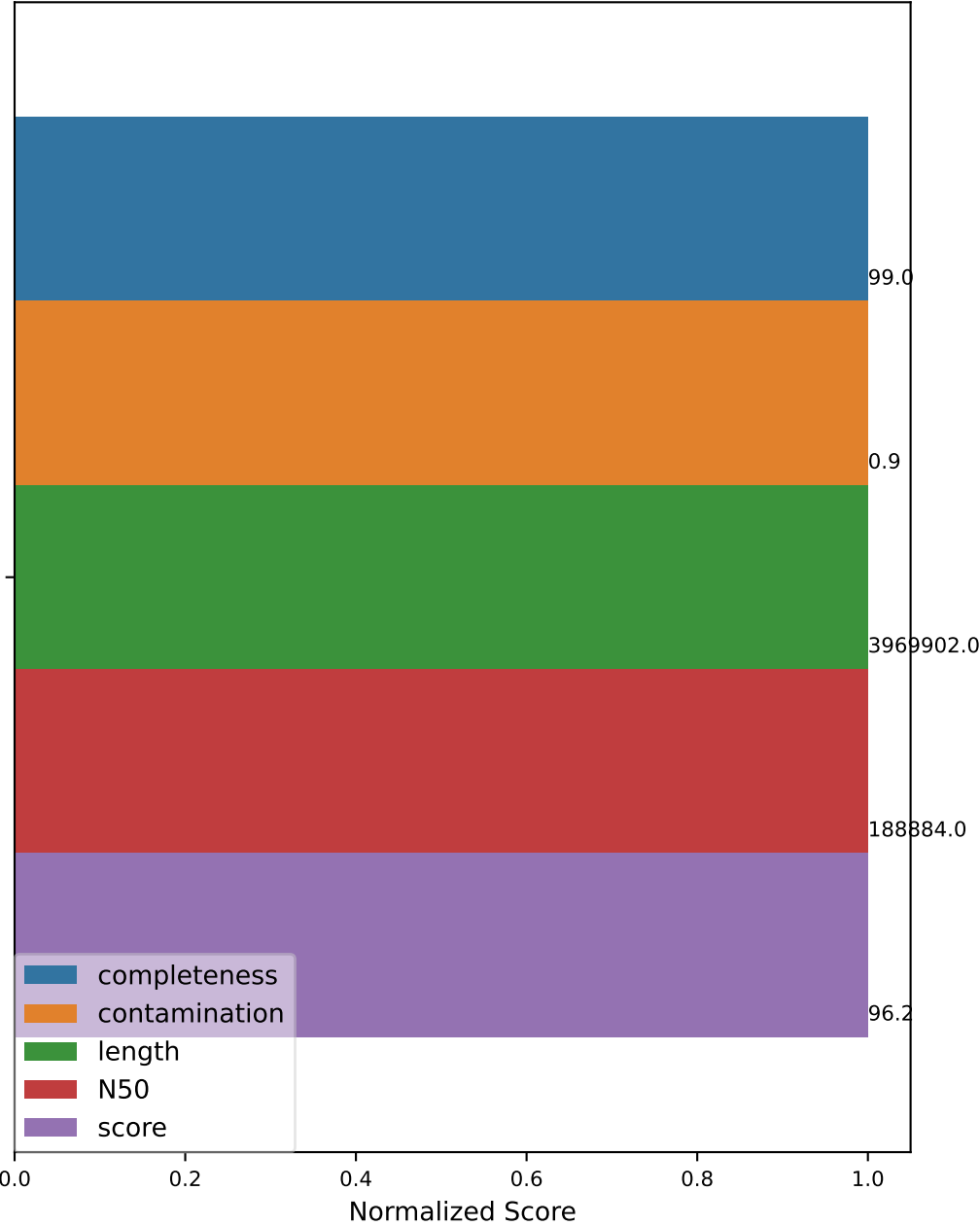
Scoring of cluster 333\_0



Scoring of cluster 334\_1

genome

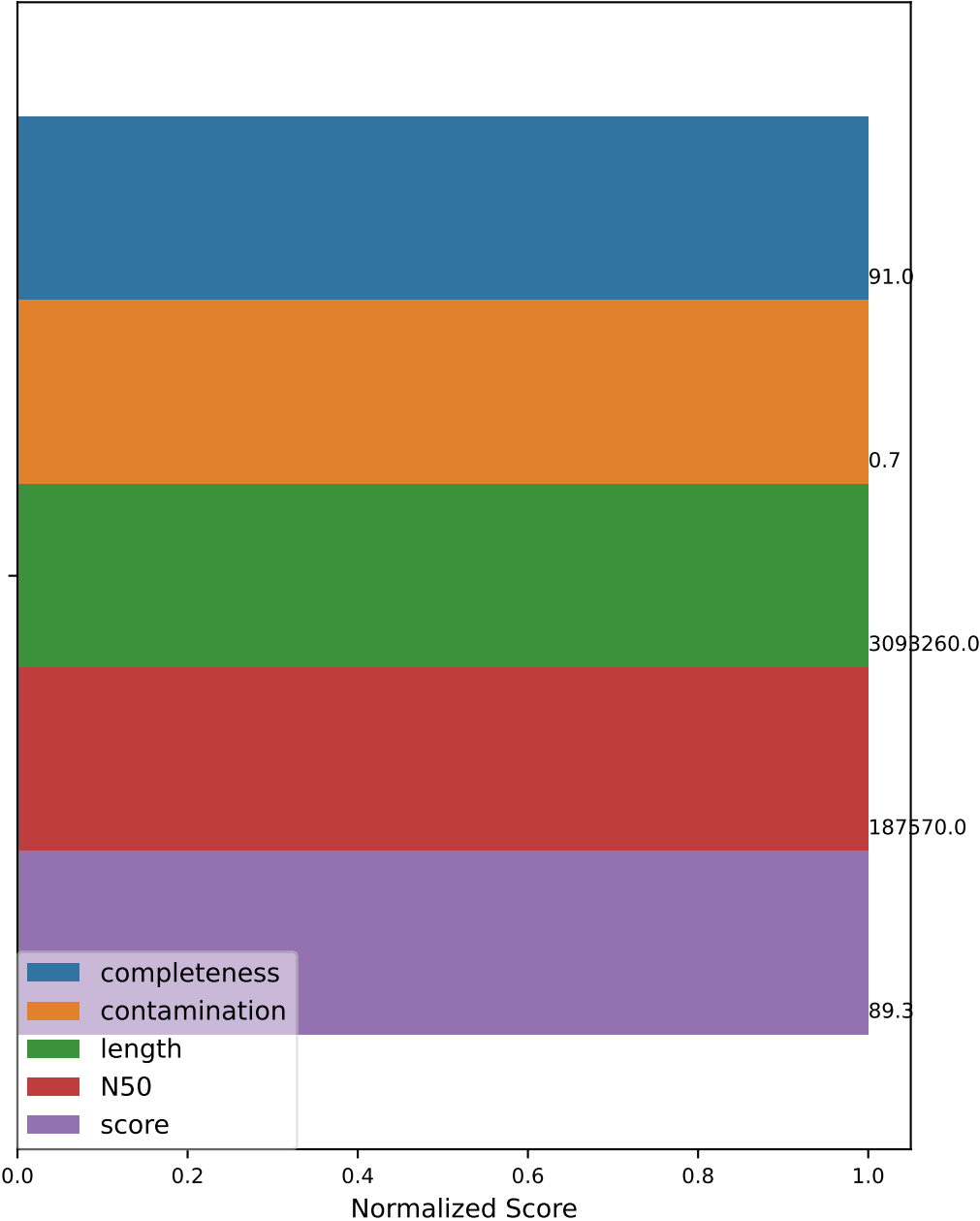
TOBG\_RS-342.fna \*



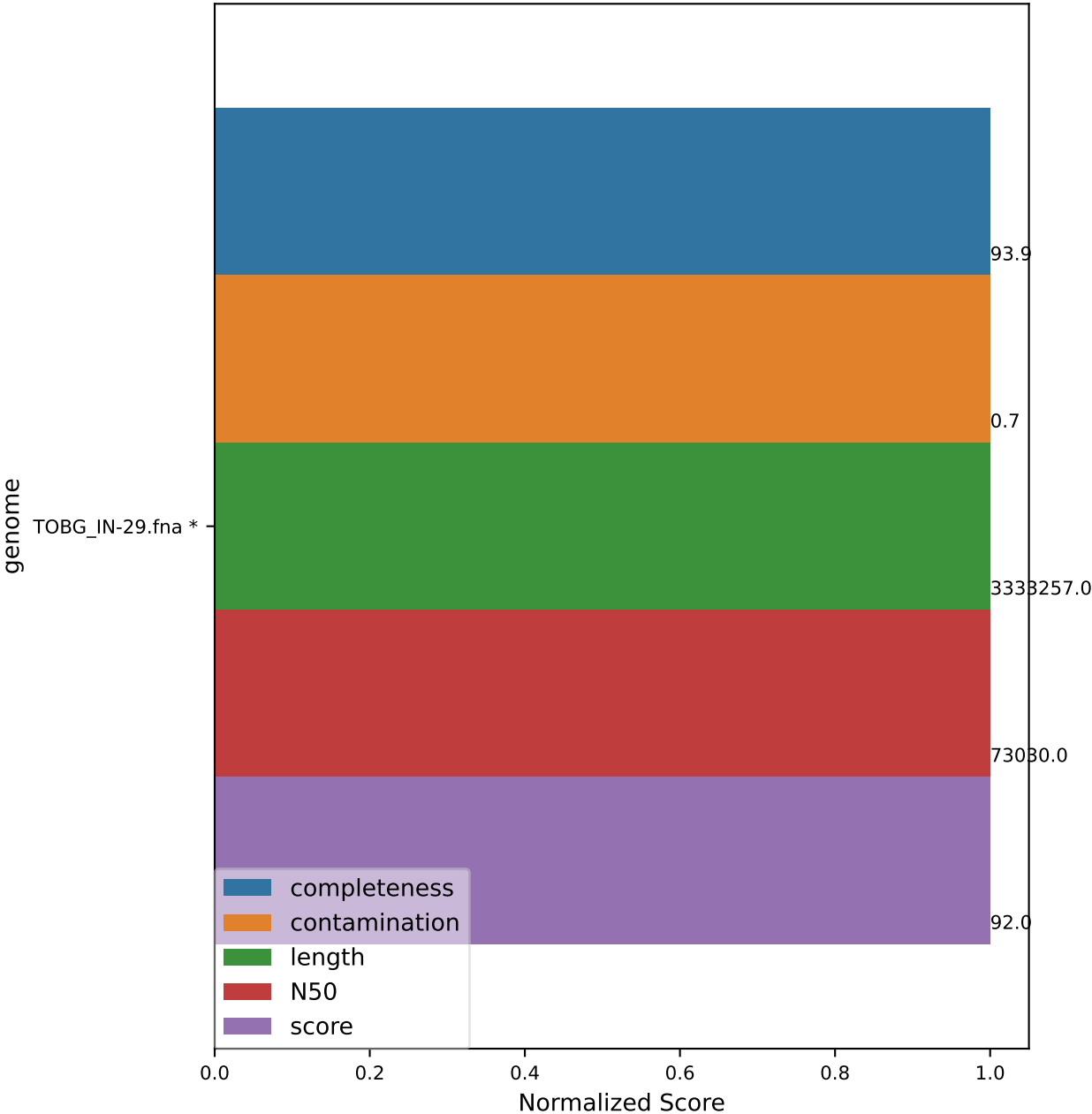
Scoring of cluster 334\_2

genome

TOBG\_SAT-75.fna \*



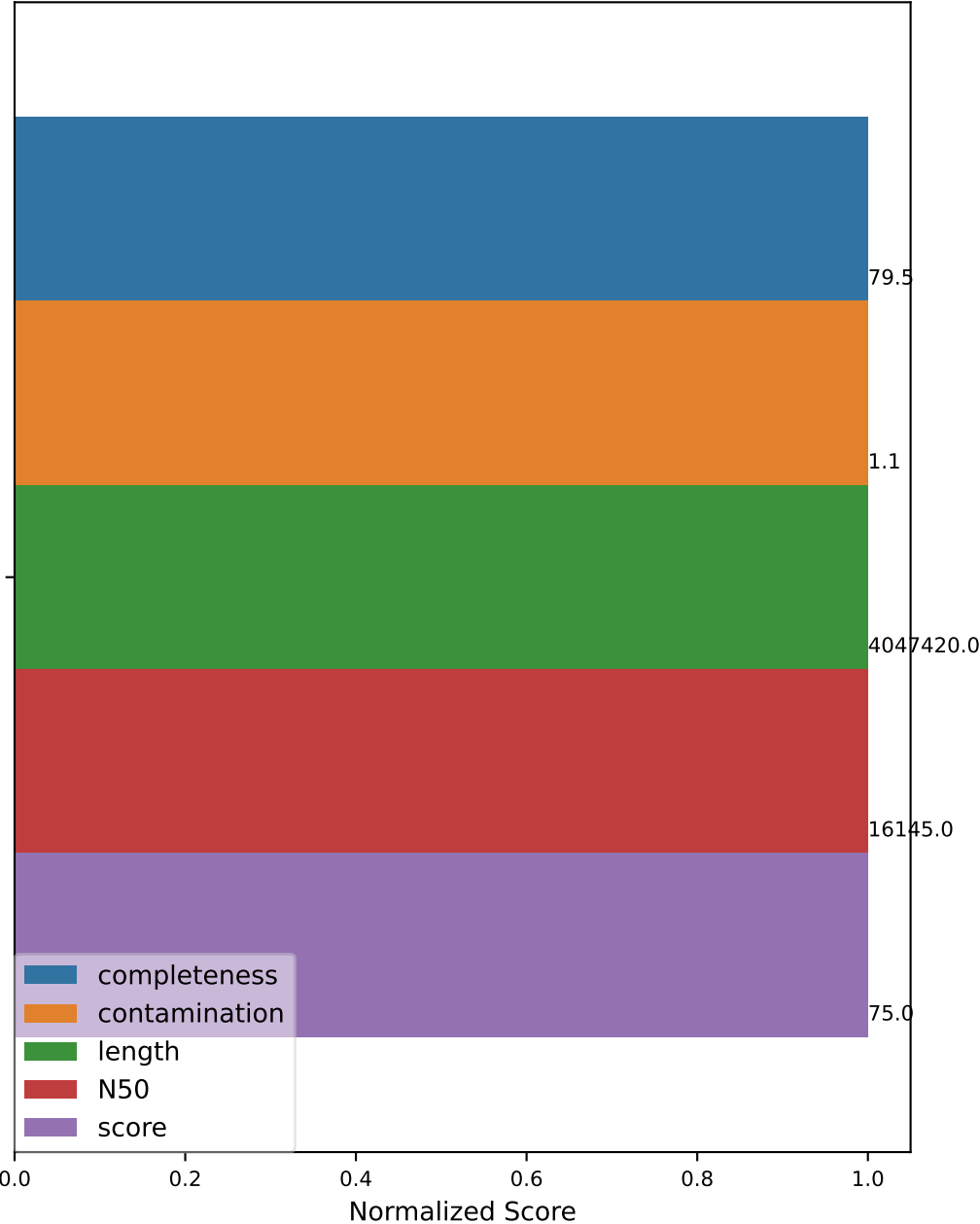
Scoring of cluster 335\_0



Scoring of cluster 336\_0

genome

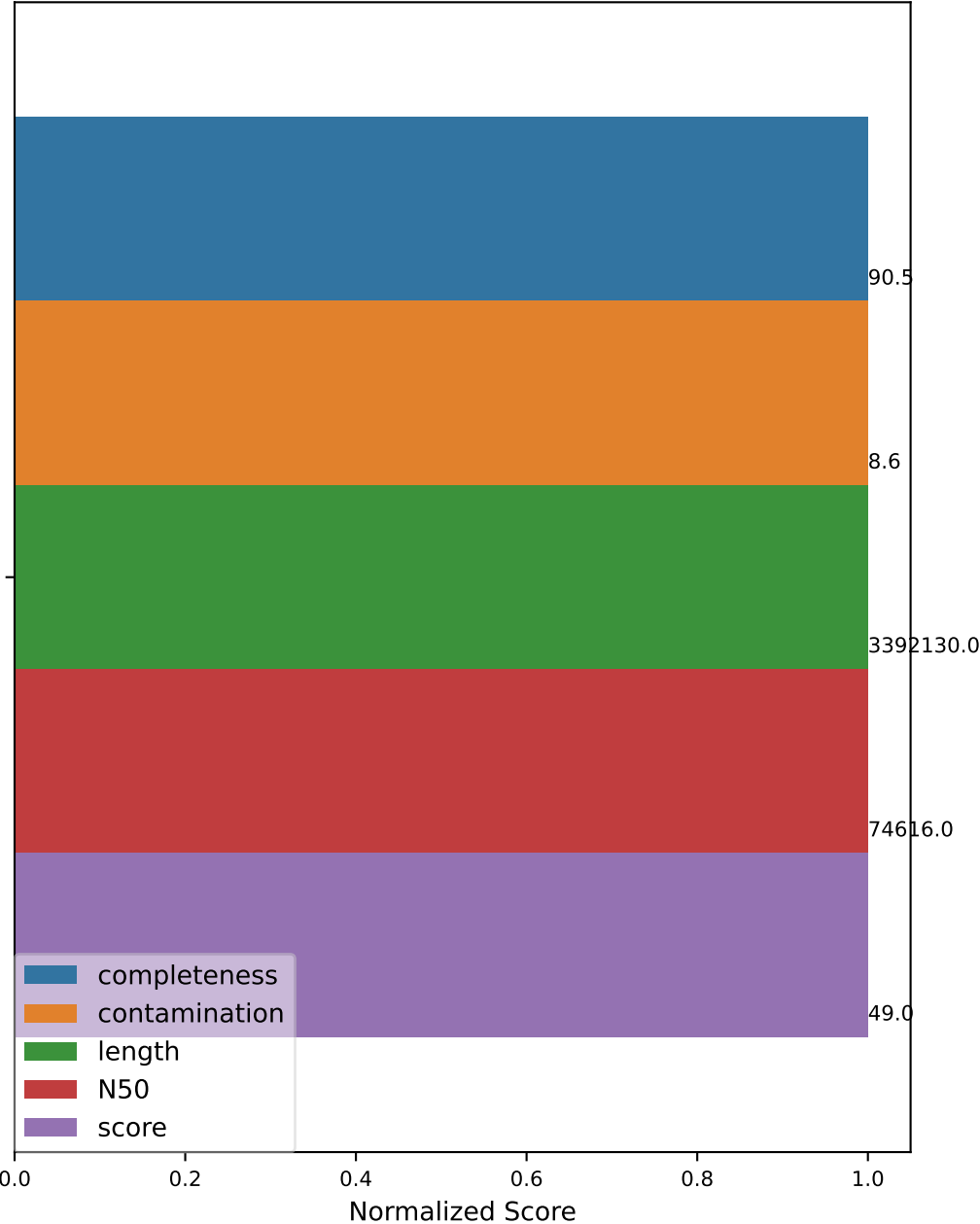
TOBG\_CPC-24.fna \*



Scoring of cluster 337\_0

genome

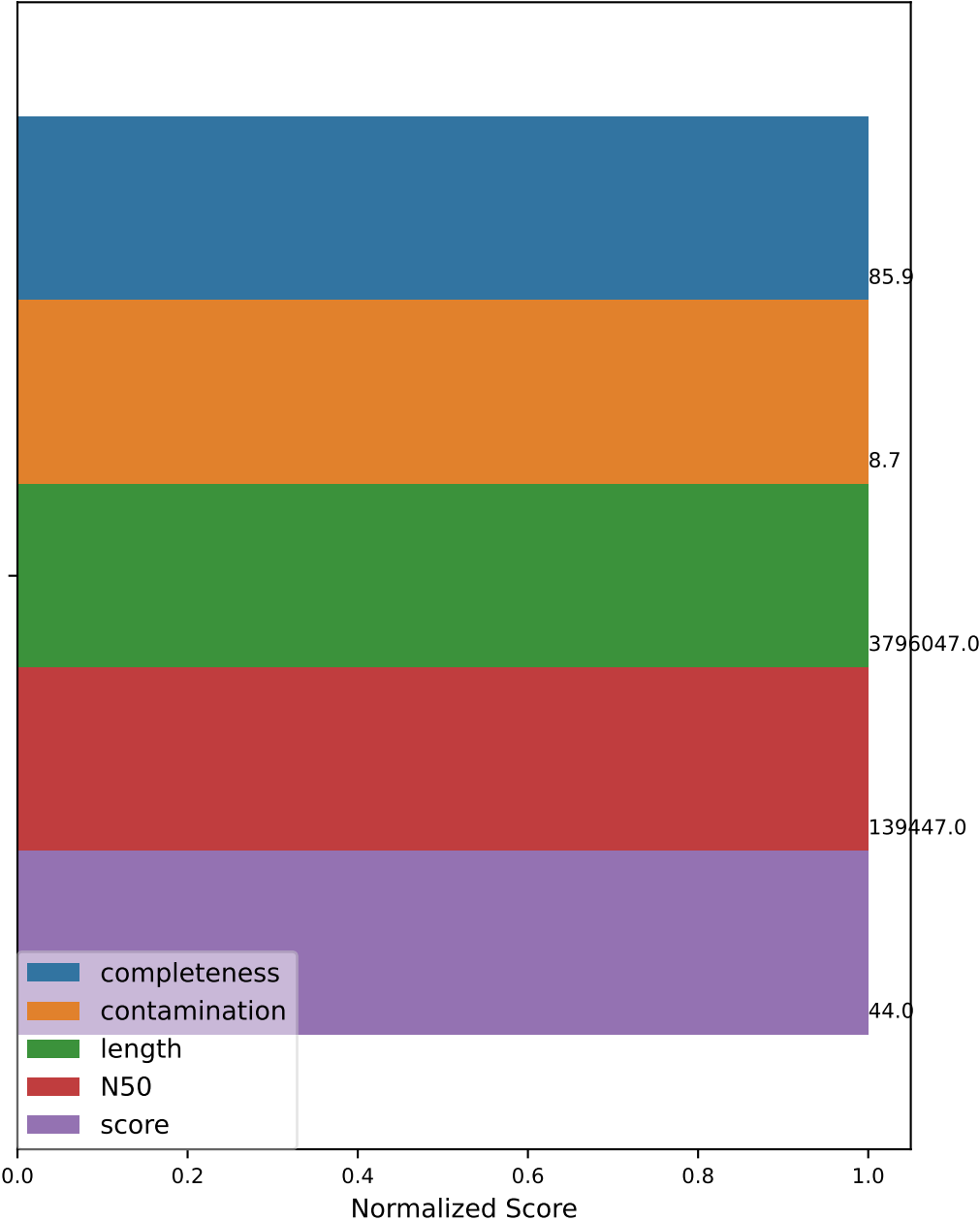
TOBG\_MED-815.fna \*



Scoring of cluster 338\_0

genome

TOBG\_MED-928.fna \*

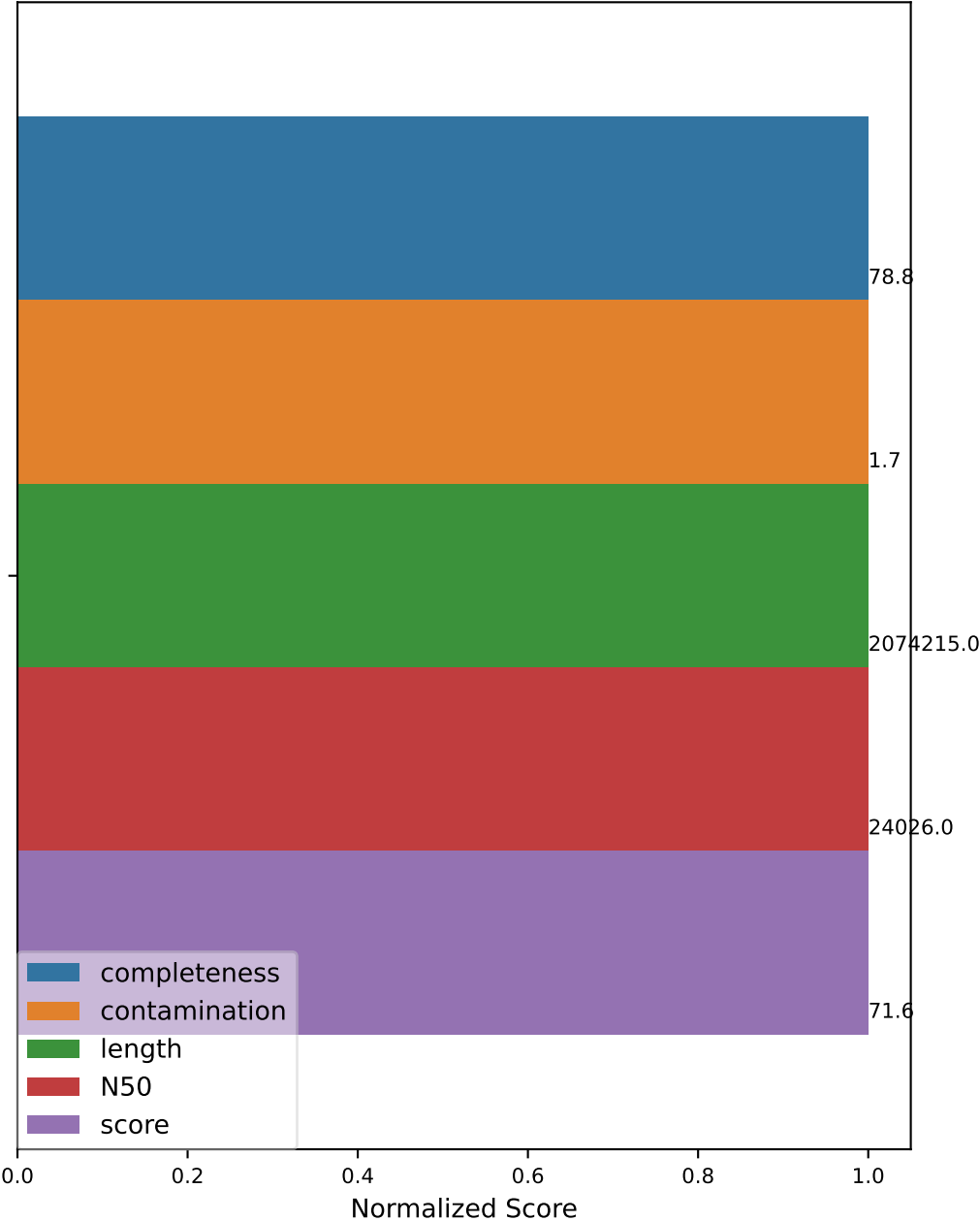




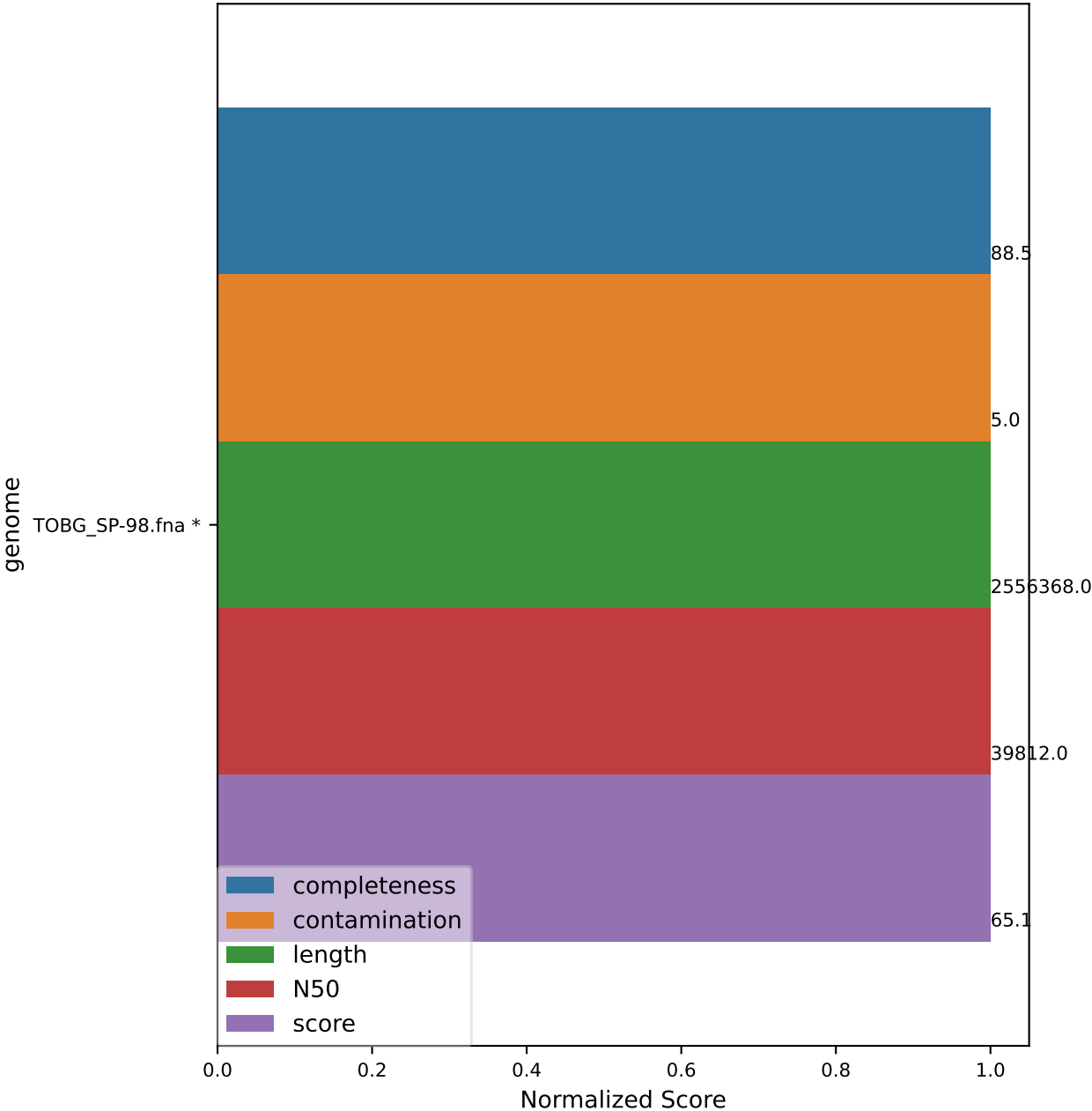
Scoring of cluster 339\_1

genome

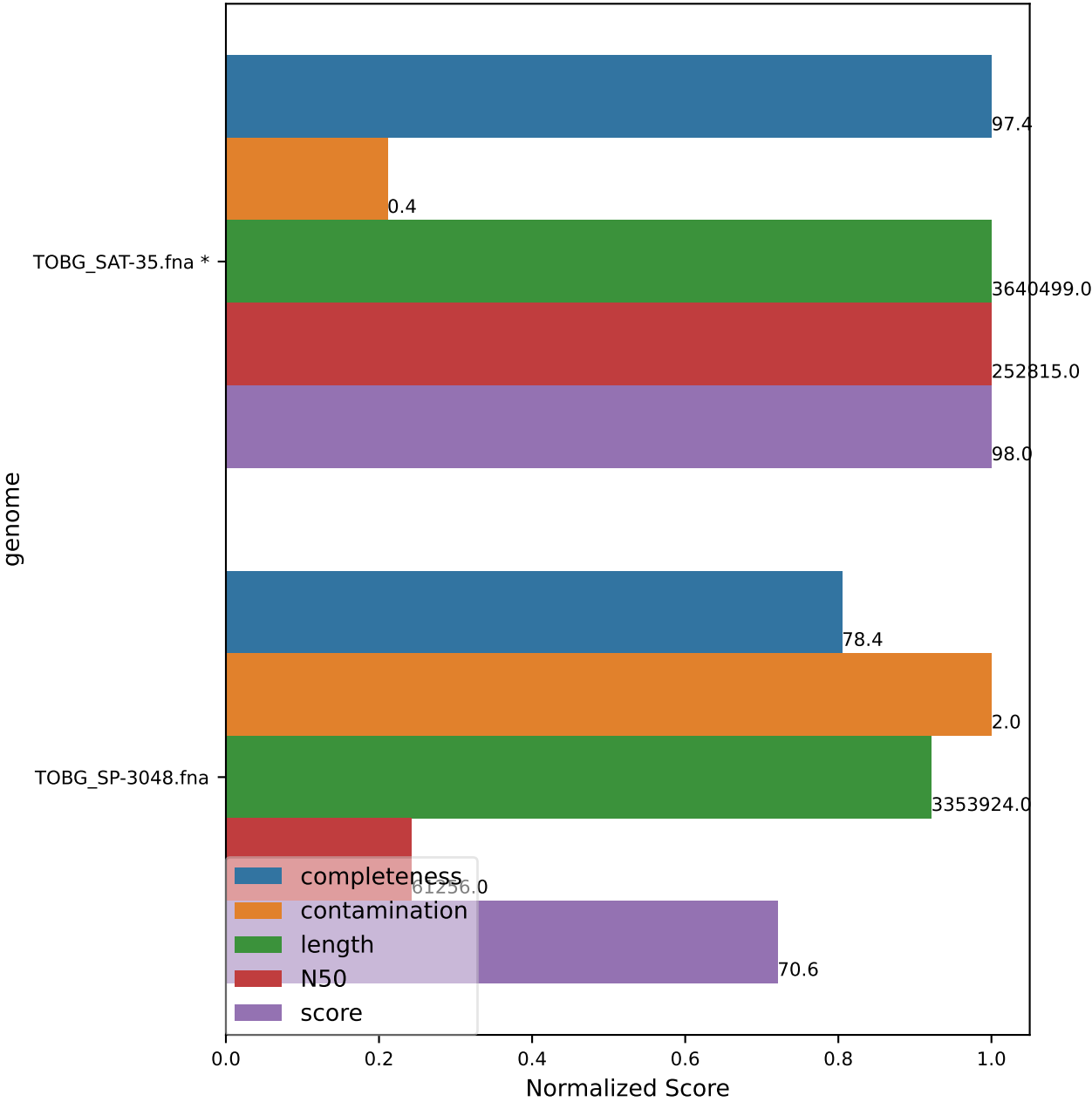
TOBG\_NAT-43.fna \*



Scoring of cluster 339\_2



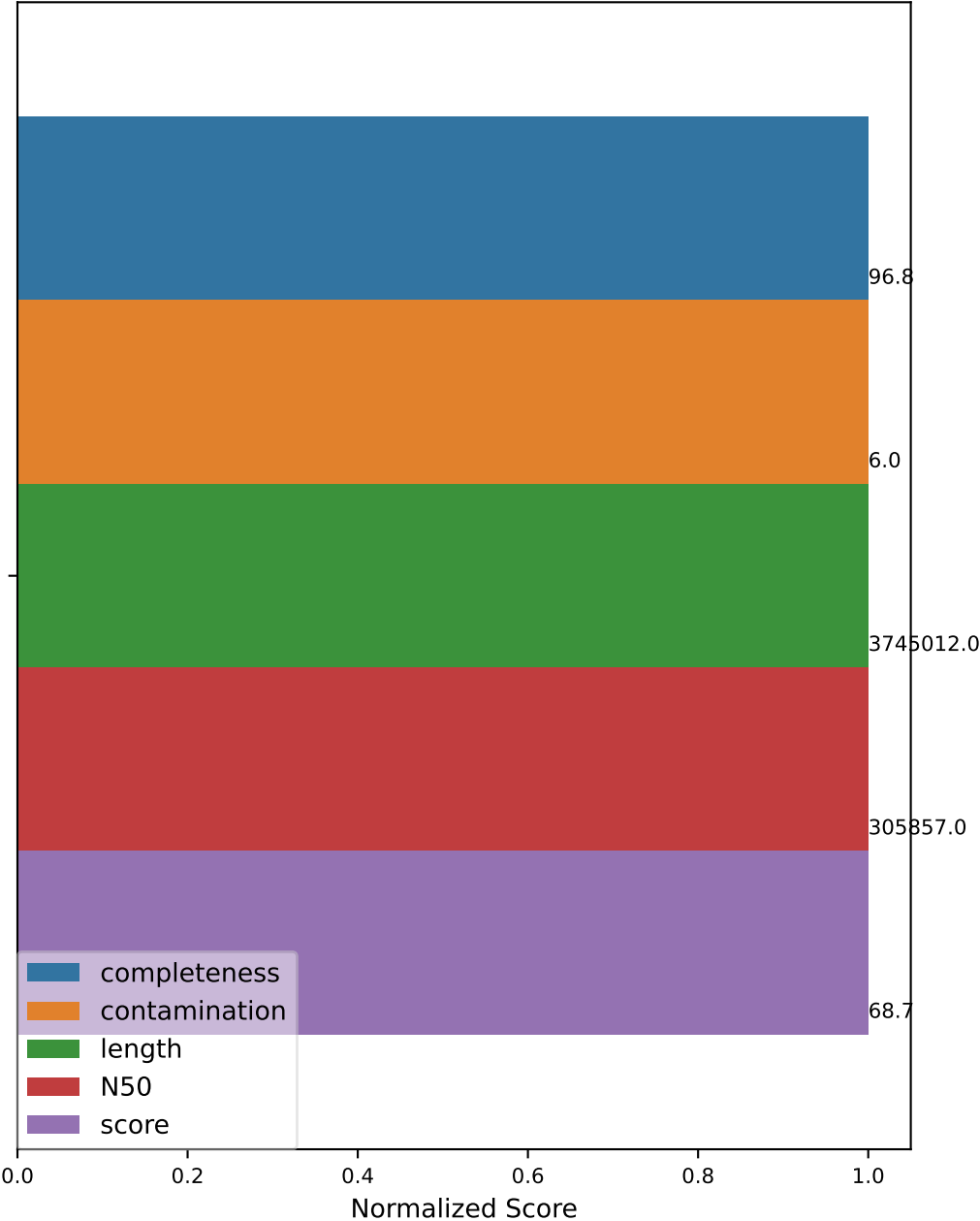
Scoring of cluster 340\_1



Scoring of cluster 340\_2

genome

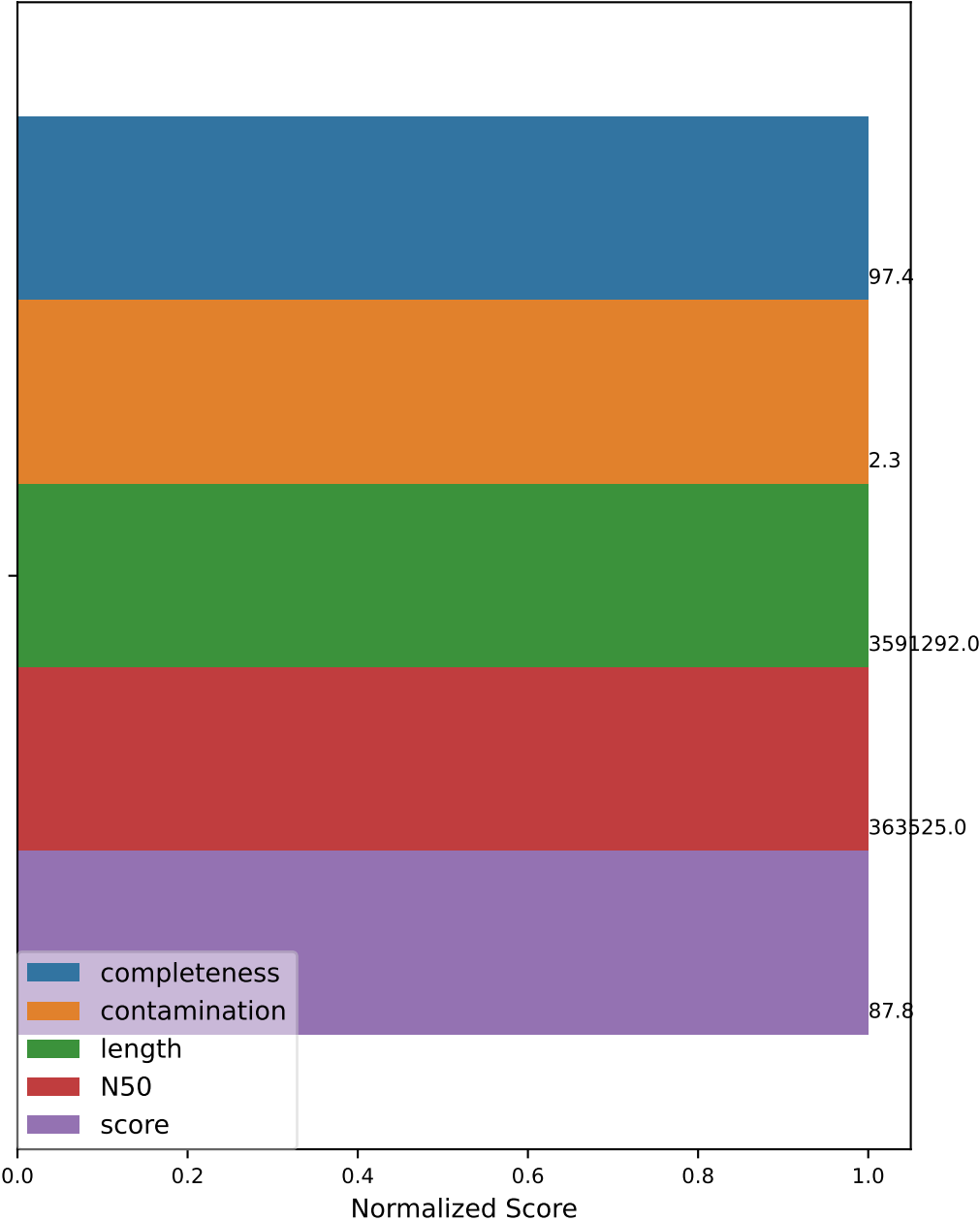
TOBG\_EAC-47.fna \*



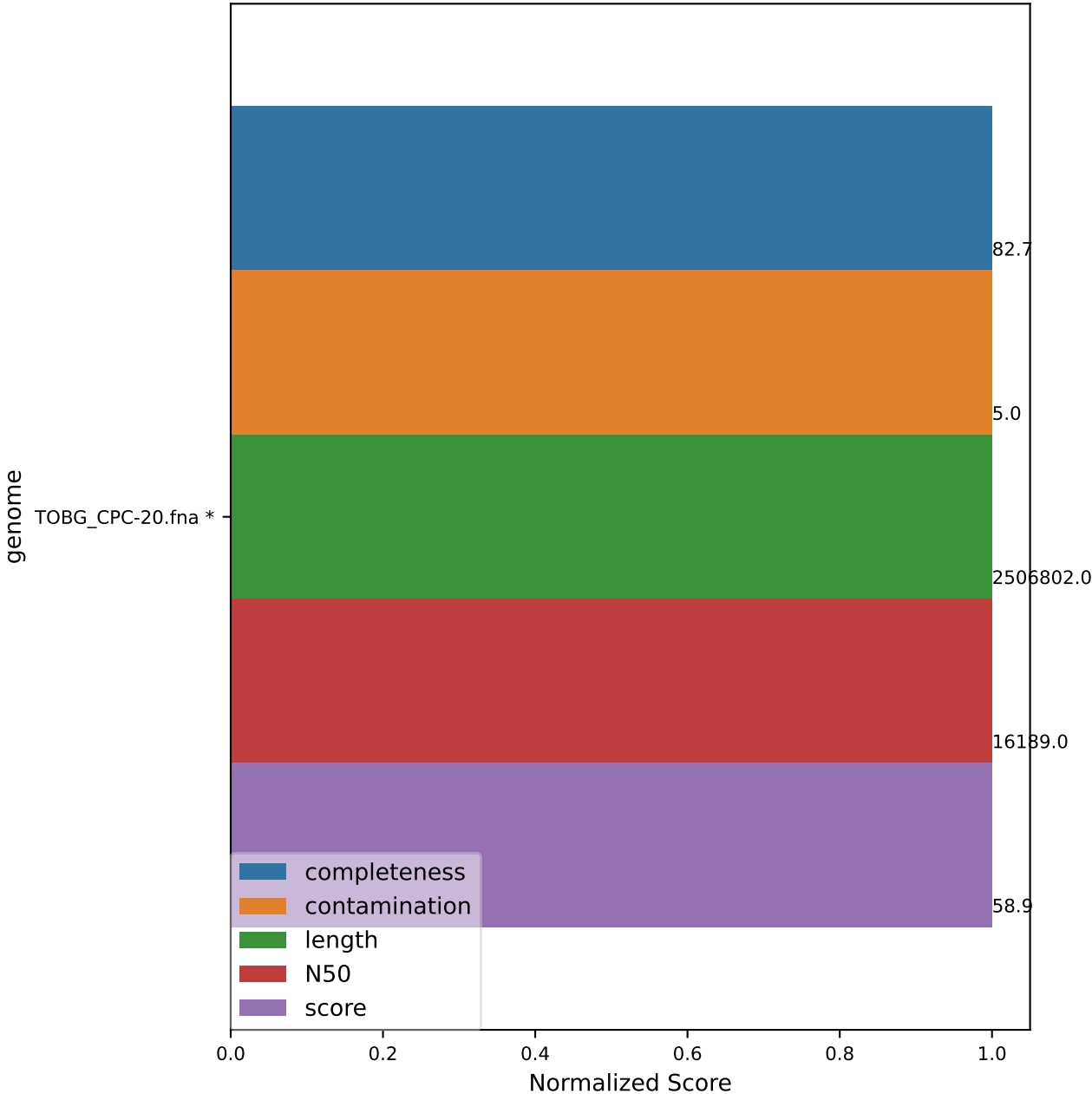
Scoring of cluster 341\_0

genome

TOBG\_SAT-189.fna \*



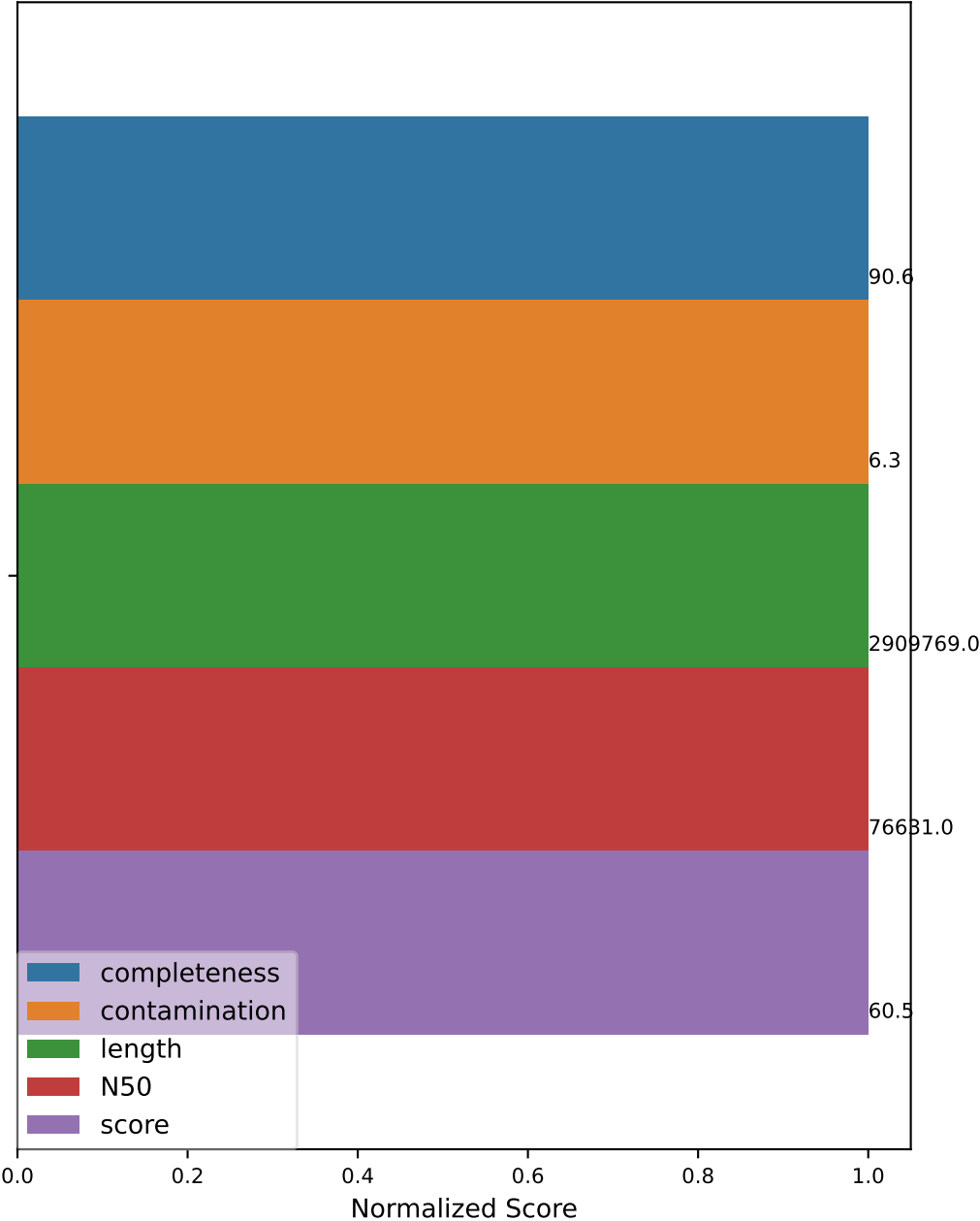
Scoring of cluster 342\_0



Scoring of cluster 343\_0

genome

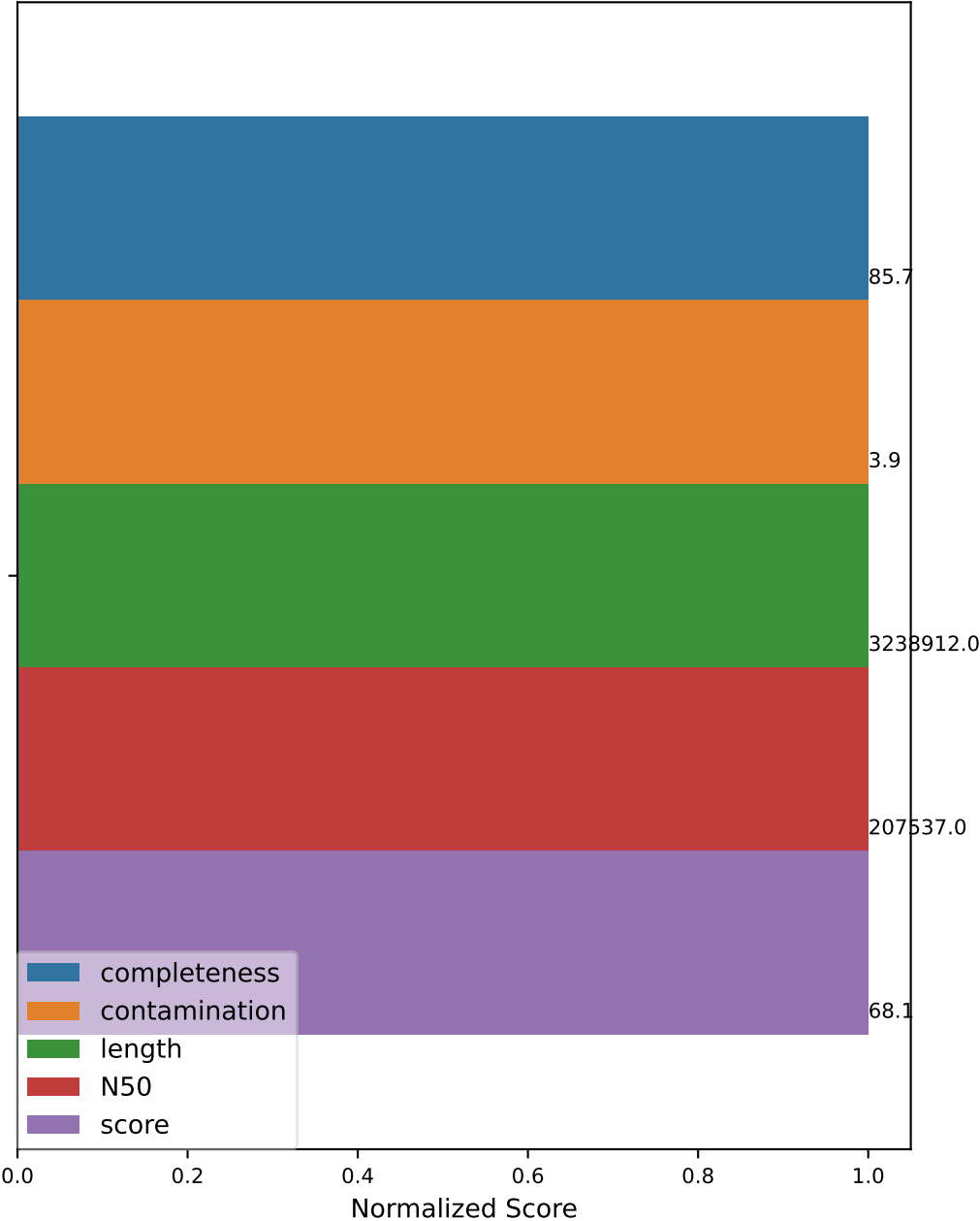
TOBG\_MED-810.fna \*



Scoring of cluster 344\_0

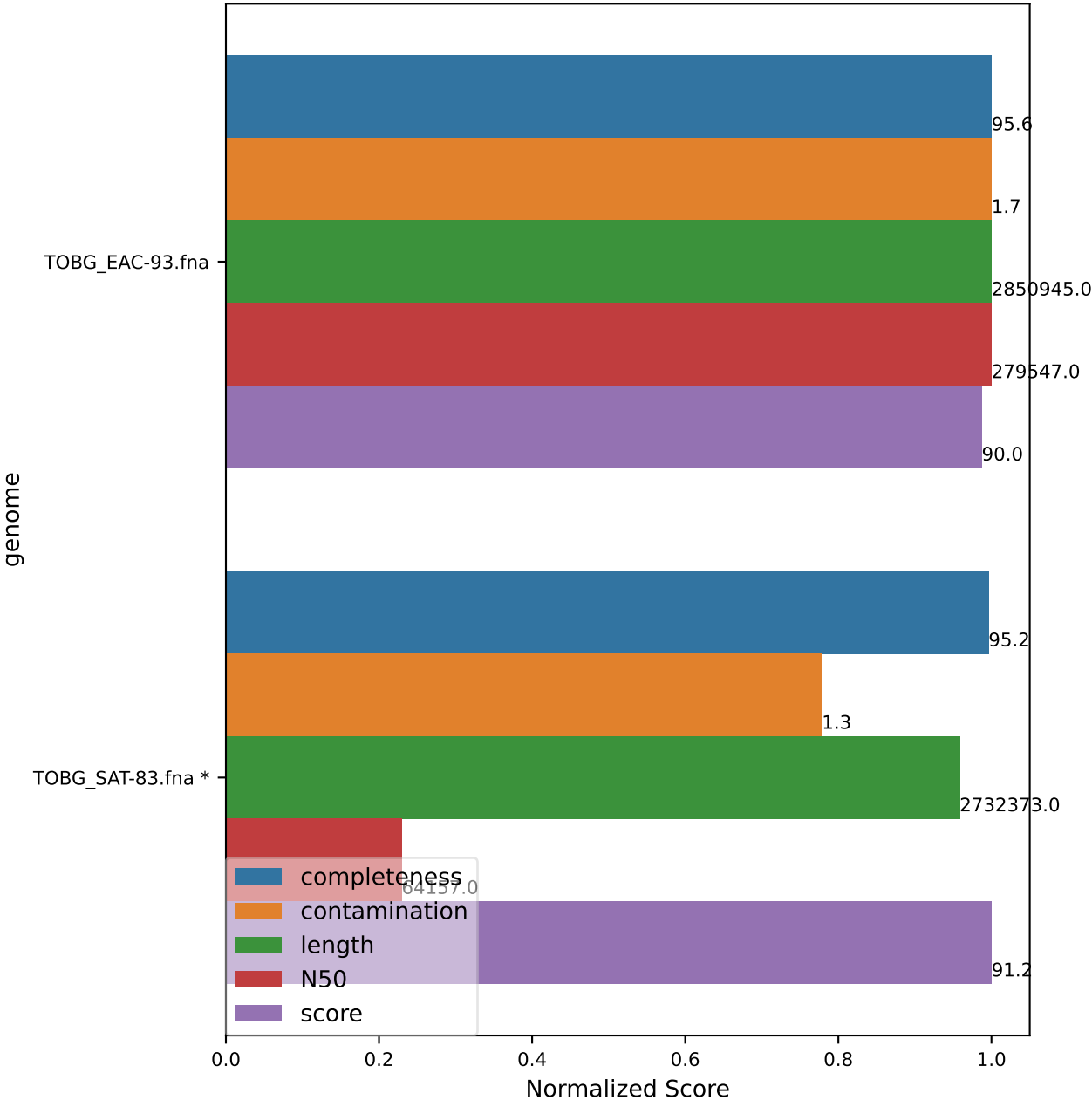
genome

TOBG\_SP-3982.fna \*





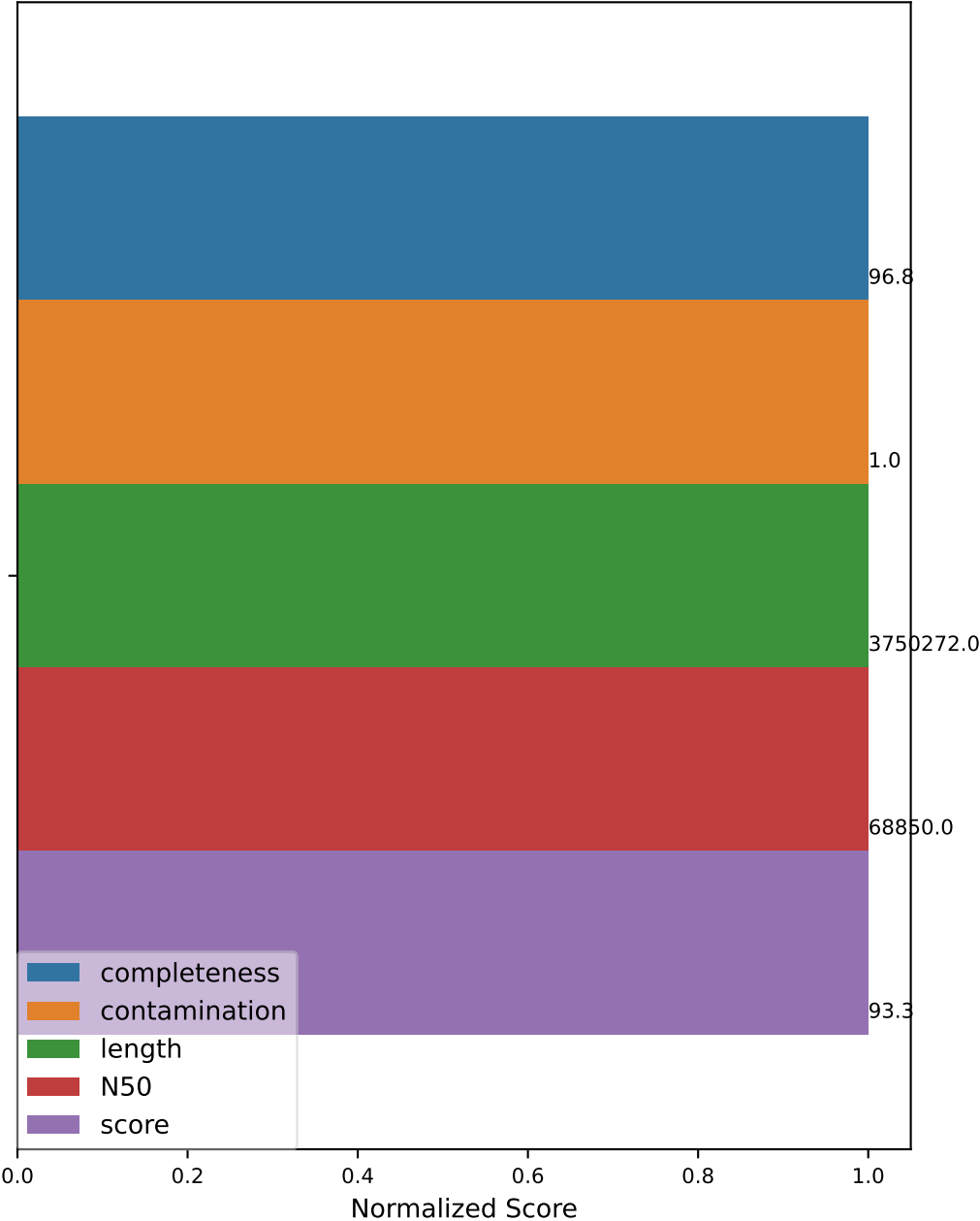
Scoring of cluster 345\_1



Scoring of cluster 346\_0

genome

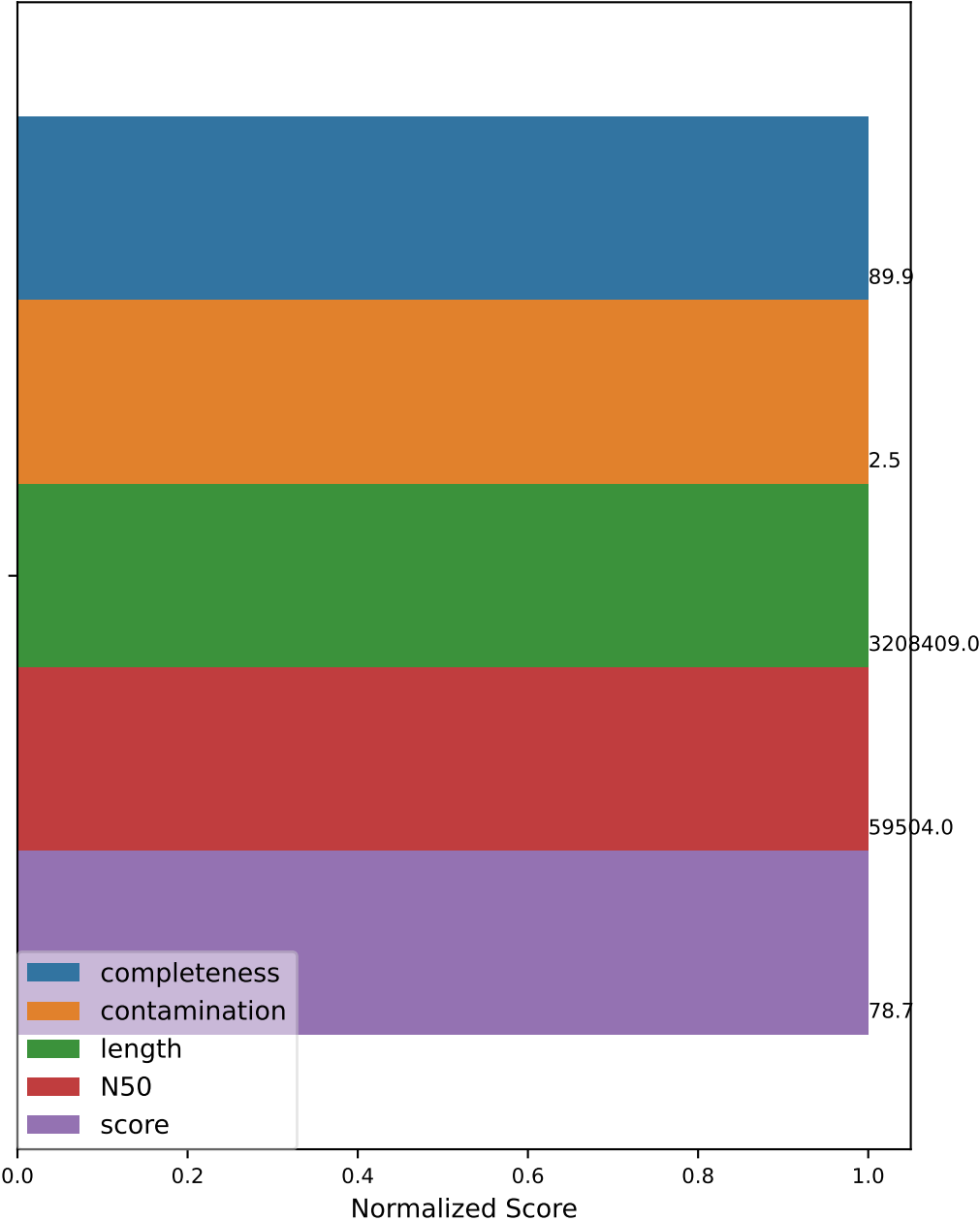
TOBG\_EAC-58.fna \*



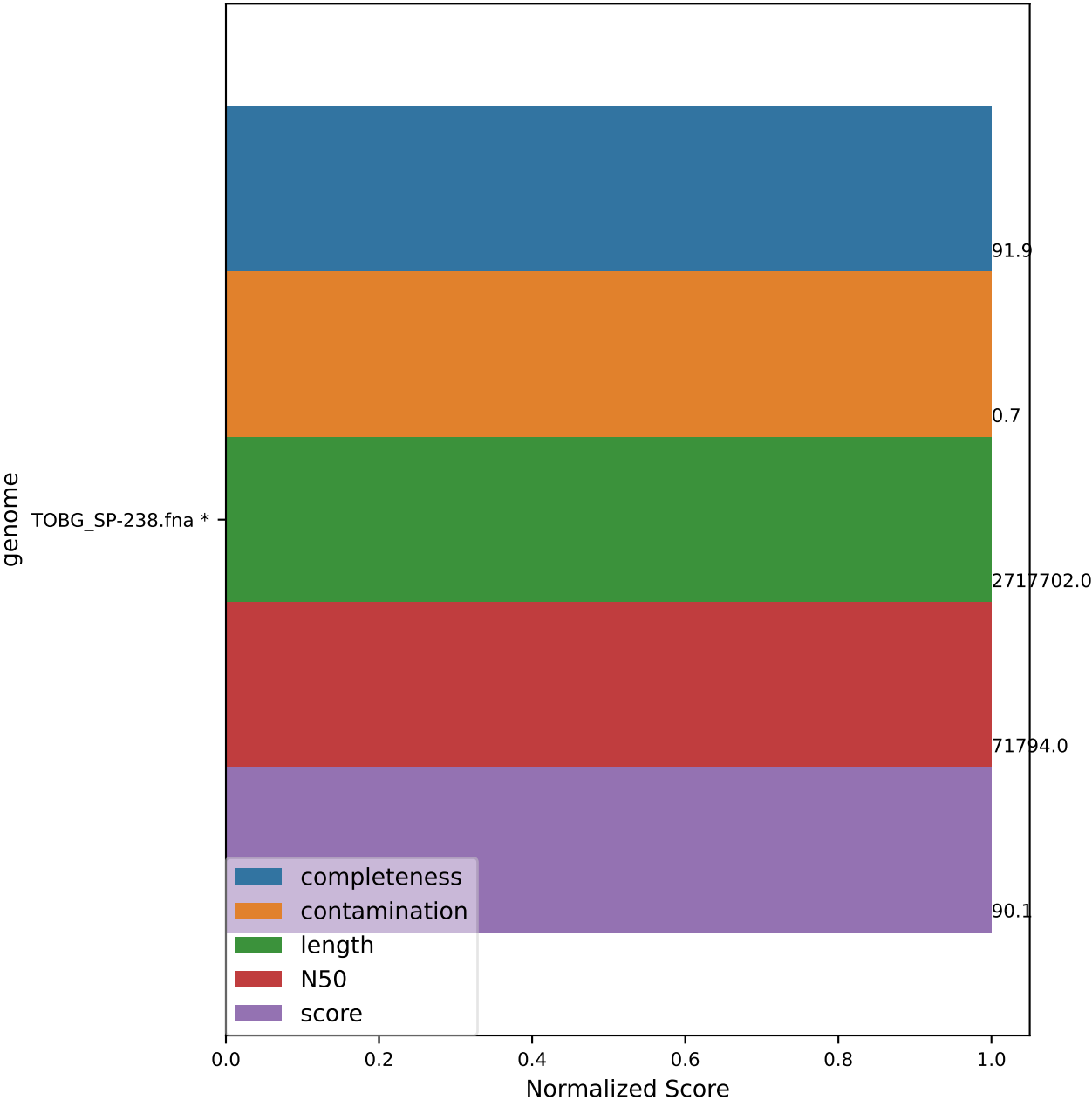
Scoring of cluster 347\_0

genome

TOBG\_MED-698.fna \*



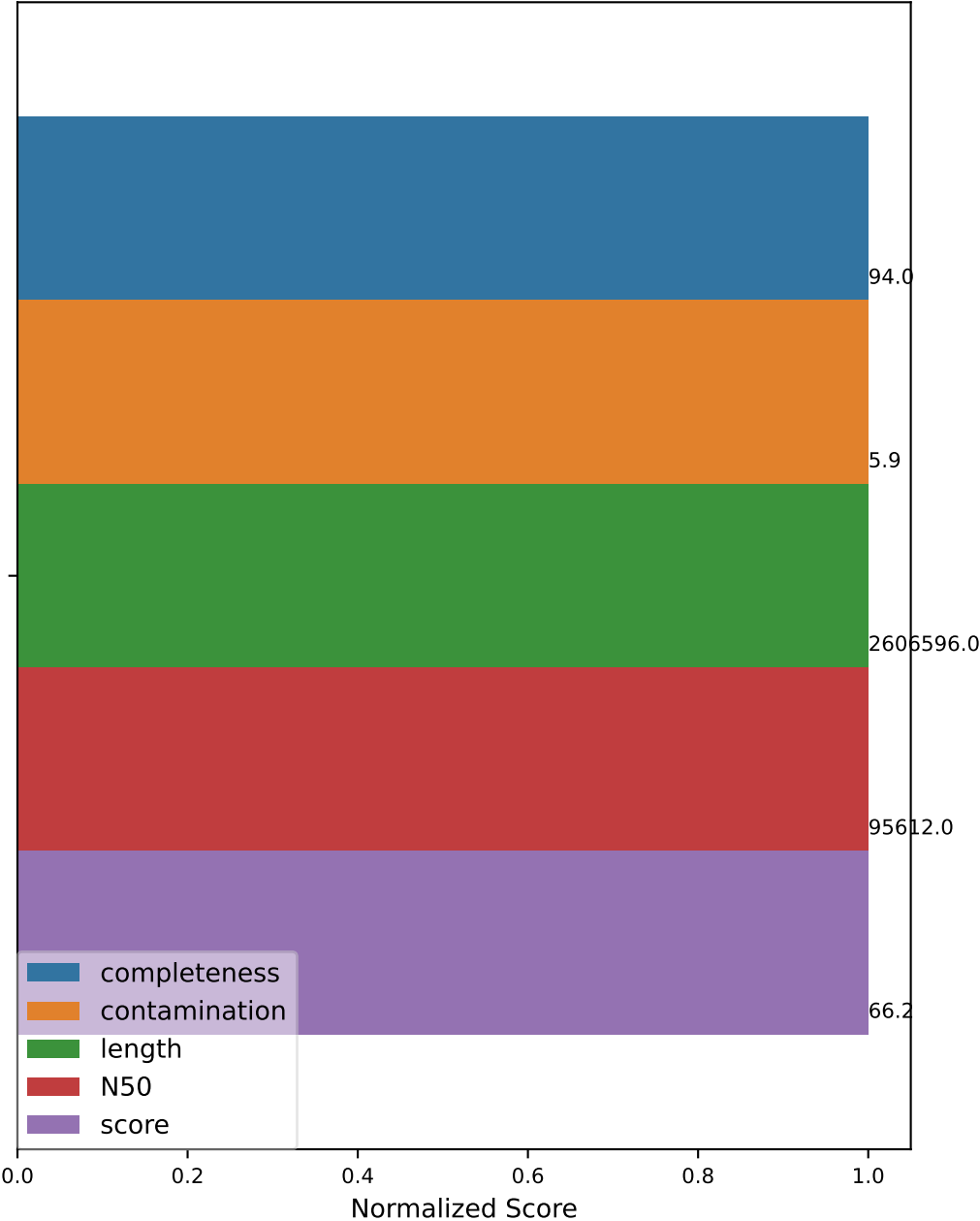
Scoring of cluster 348\_0



Scoring of cluster 349\_0

genome

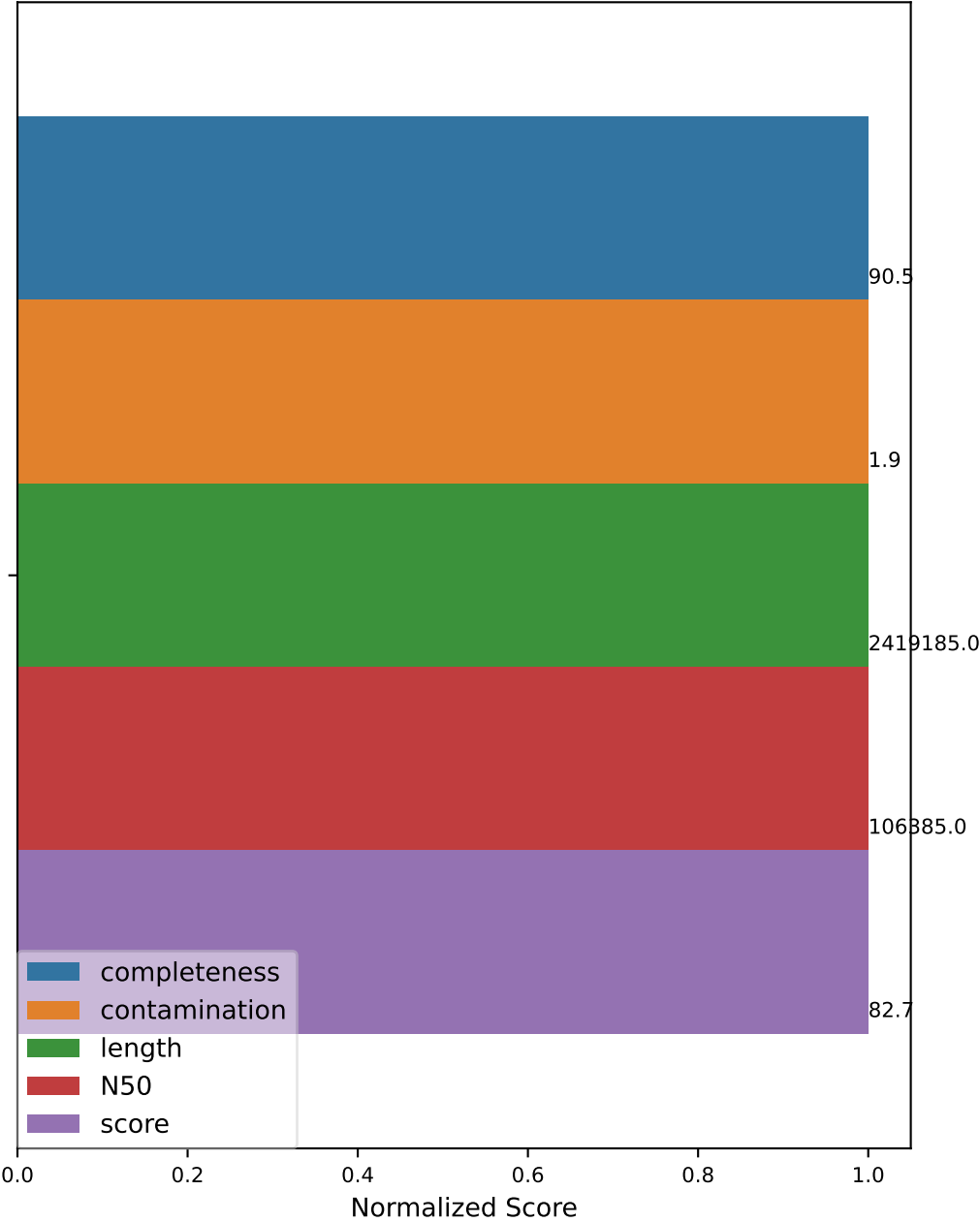
TOBG\_MED-825.fna \*



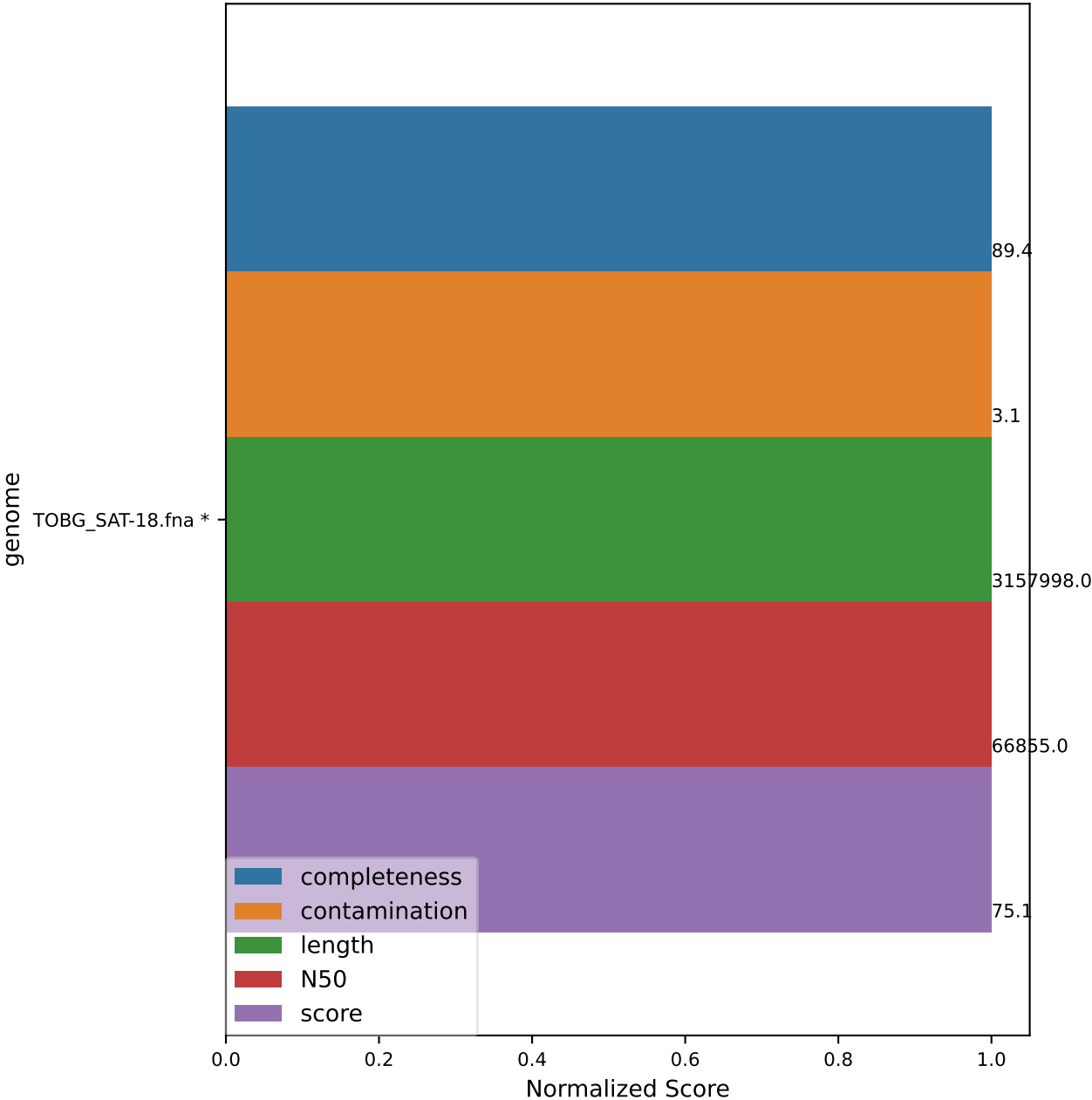
Scoring of cluster 350\_0

genome

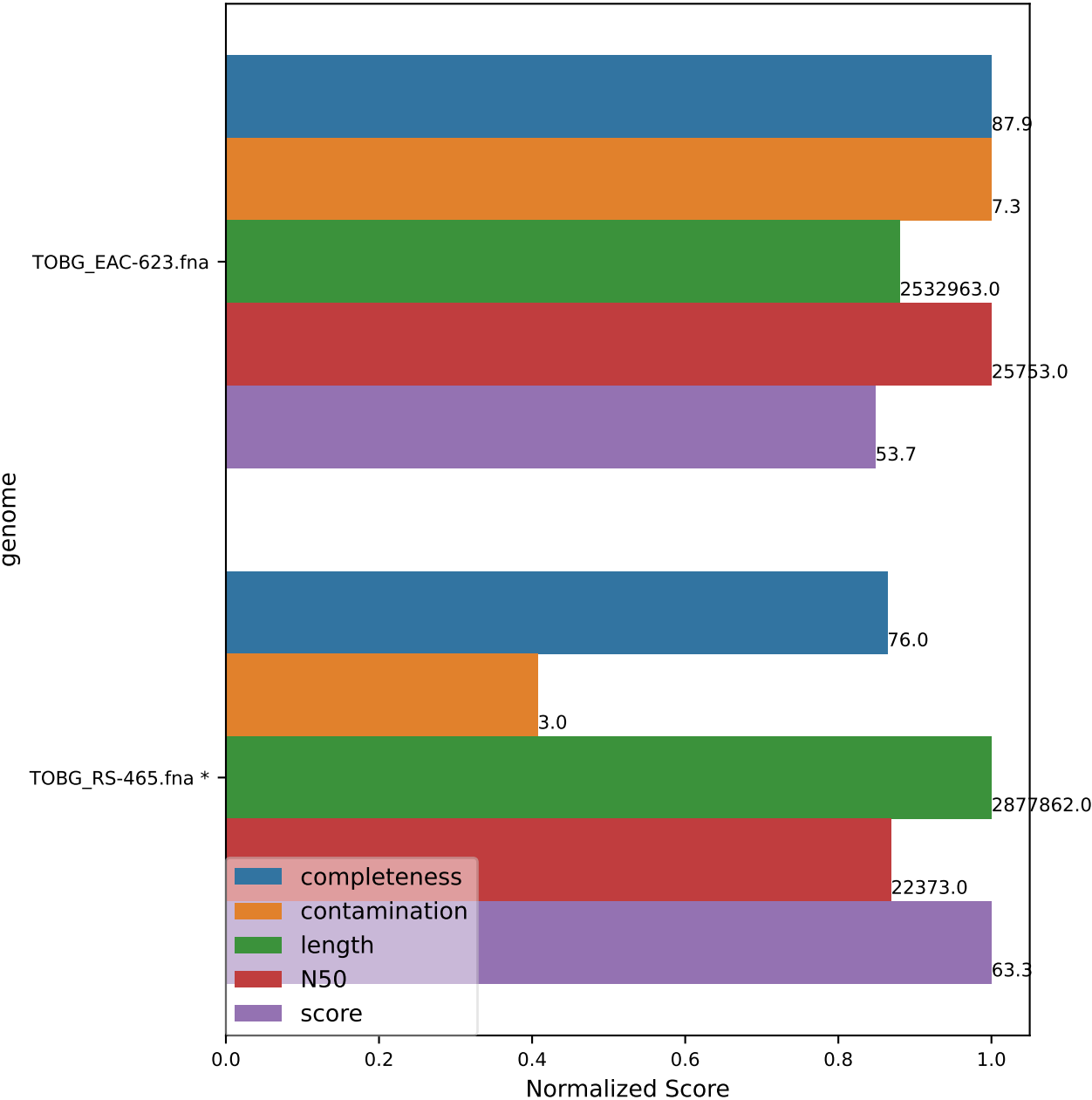
TOBG\_MED-690.fna \*



Scoring of cluster 351\_0

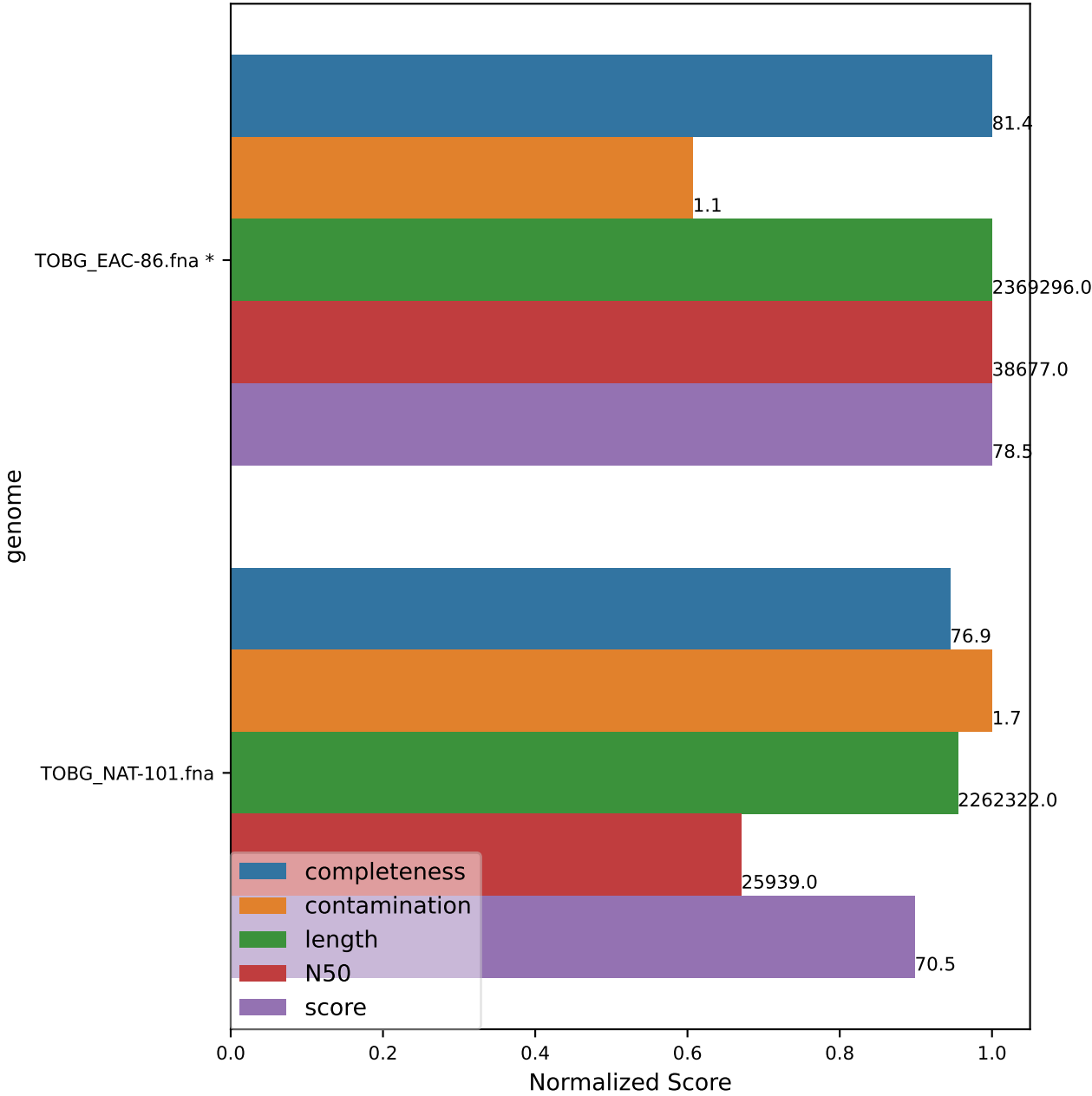


Scoring of cluster 352\_1





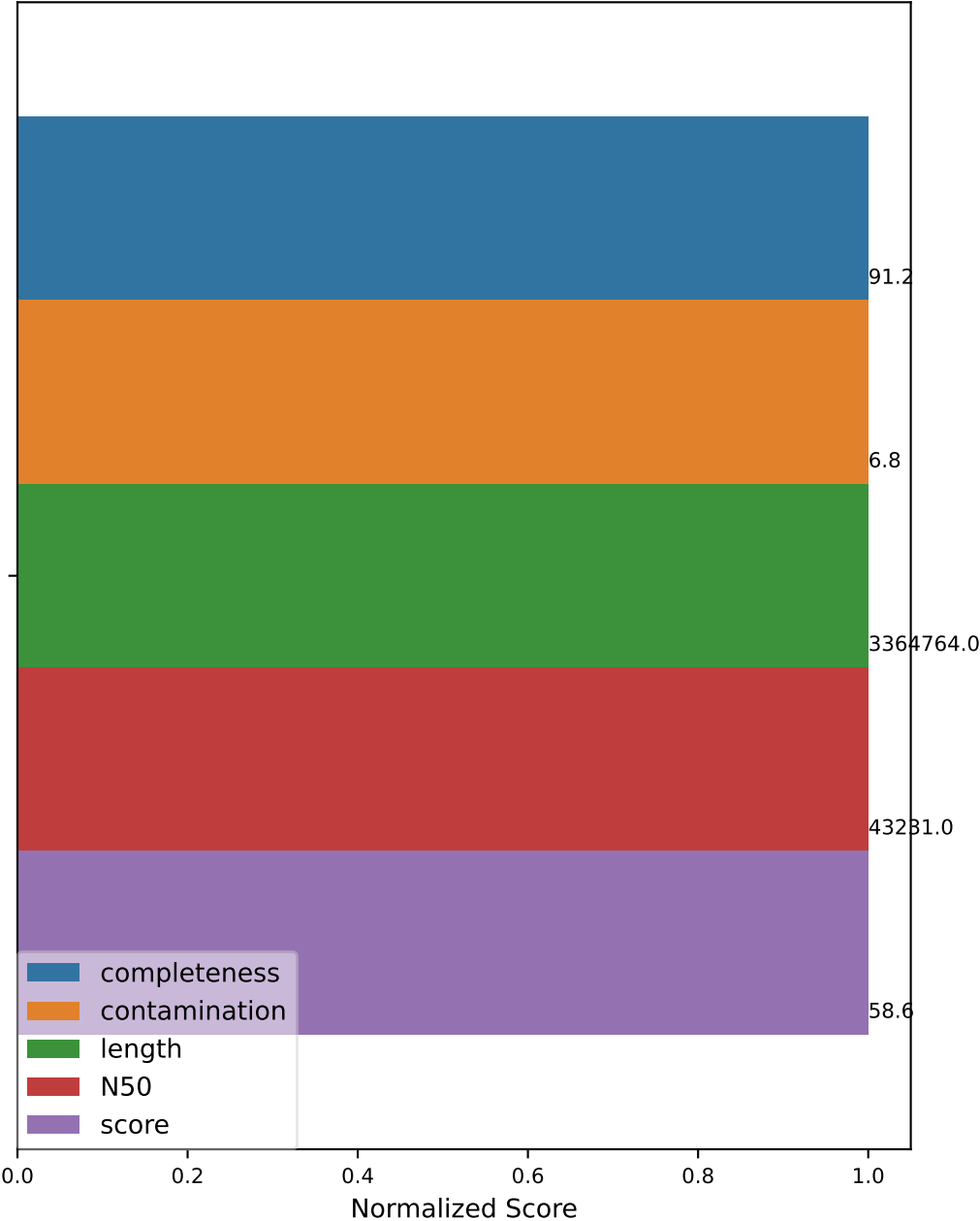
Scoring of cluster 353\_1



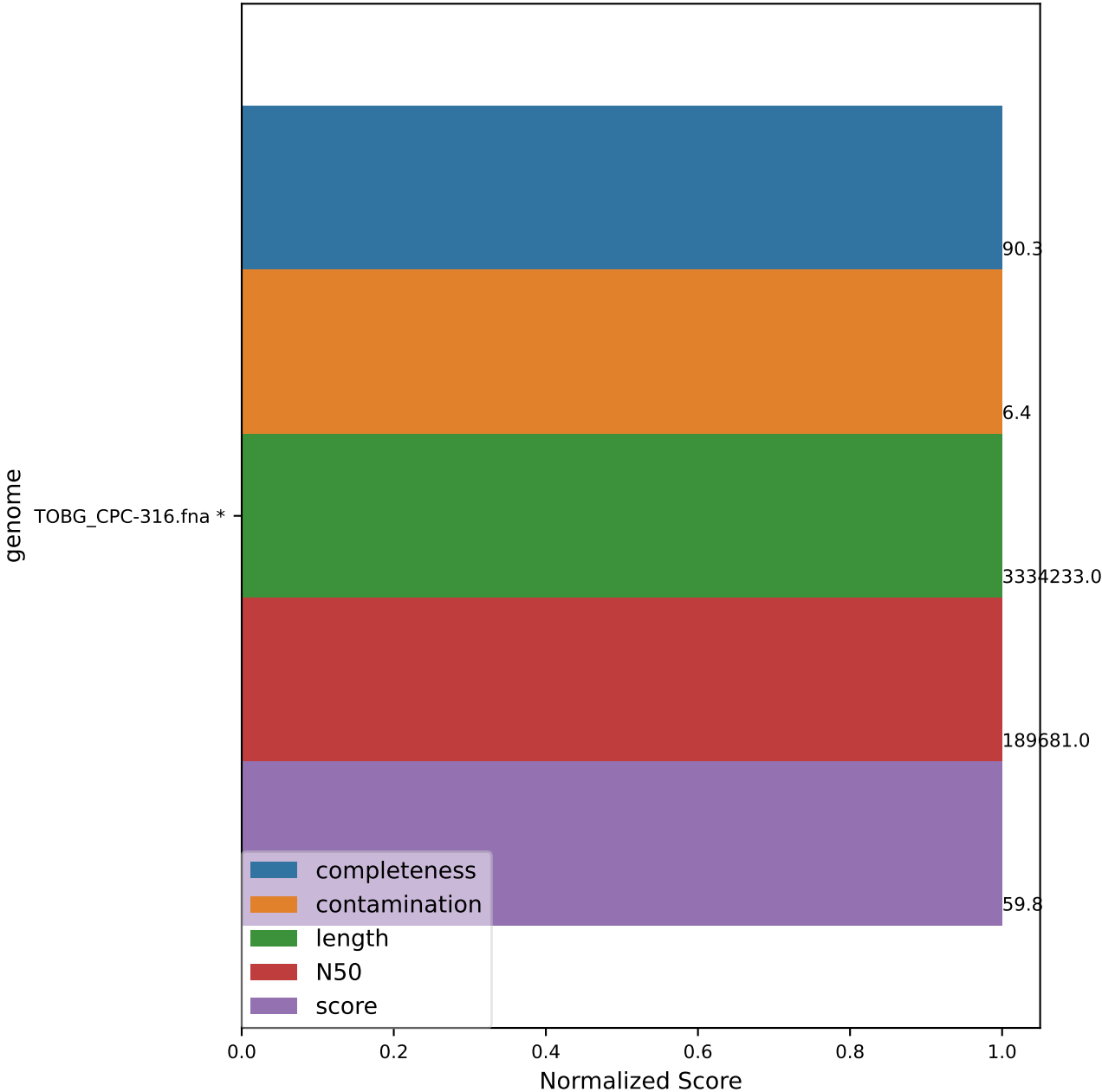
Scoring of cluster 354\_1

genome

TOBG\_ARS-1012.fna \*



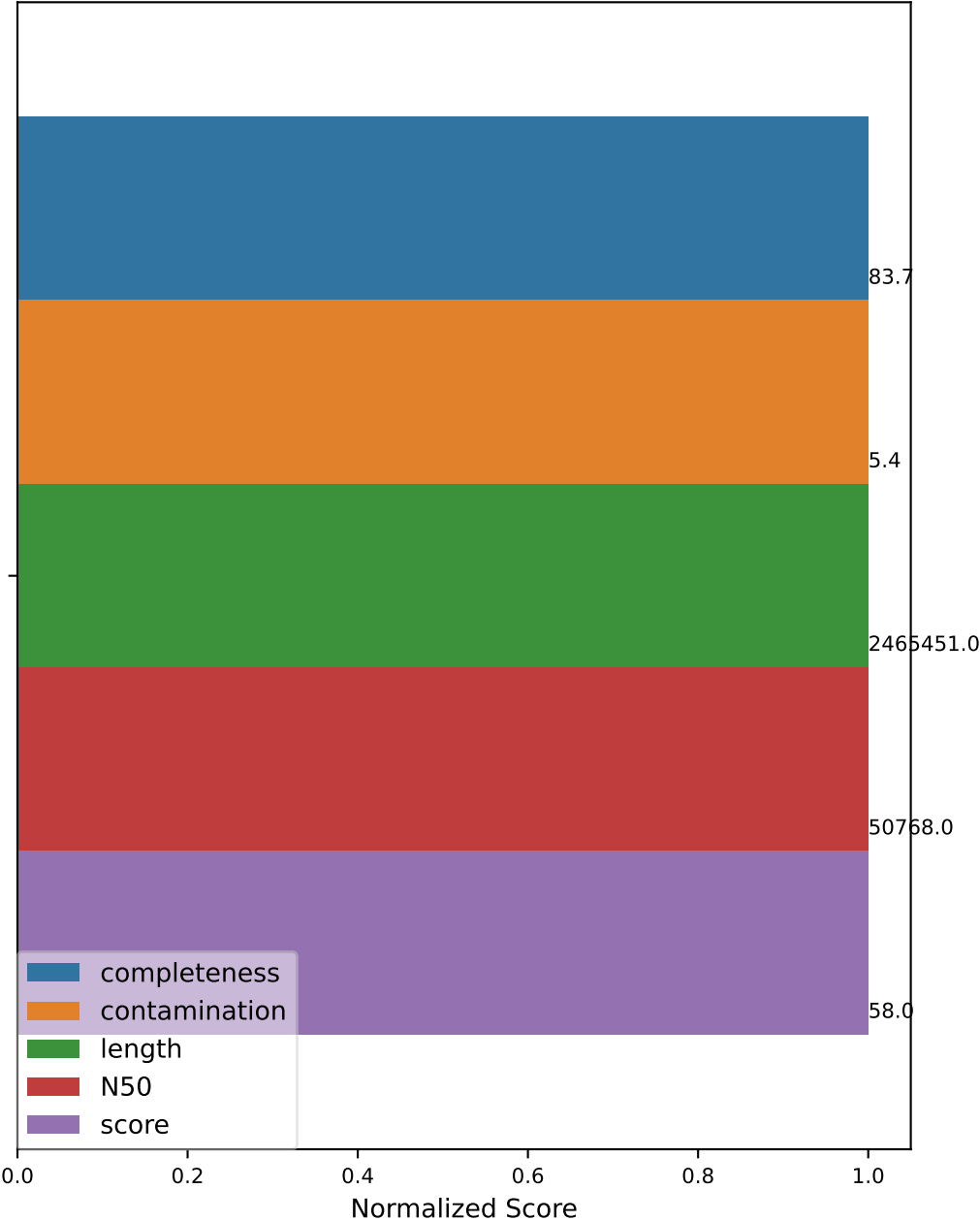
Scoring of cluster 354\_2



Scoring of cluster 355\_0

genome

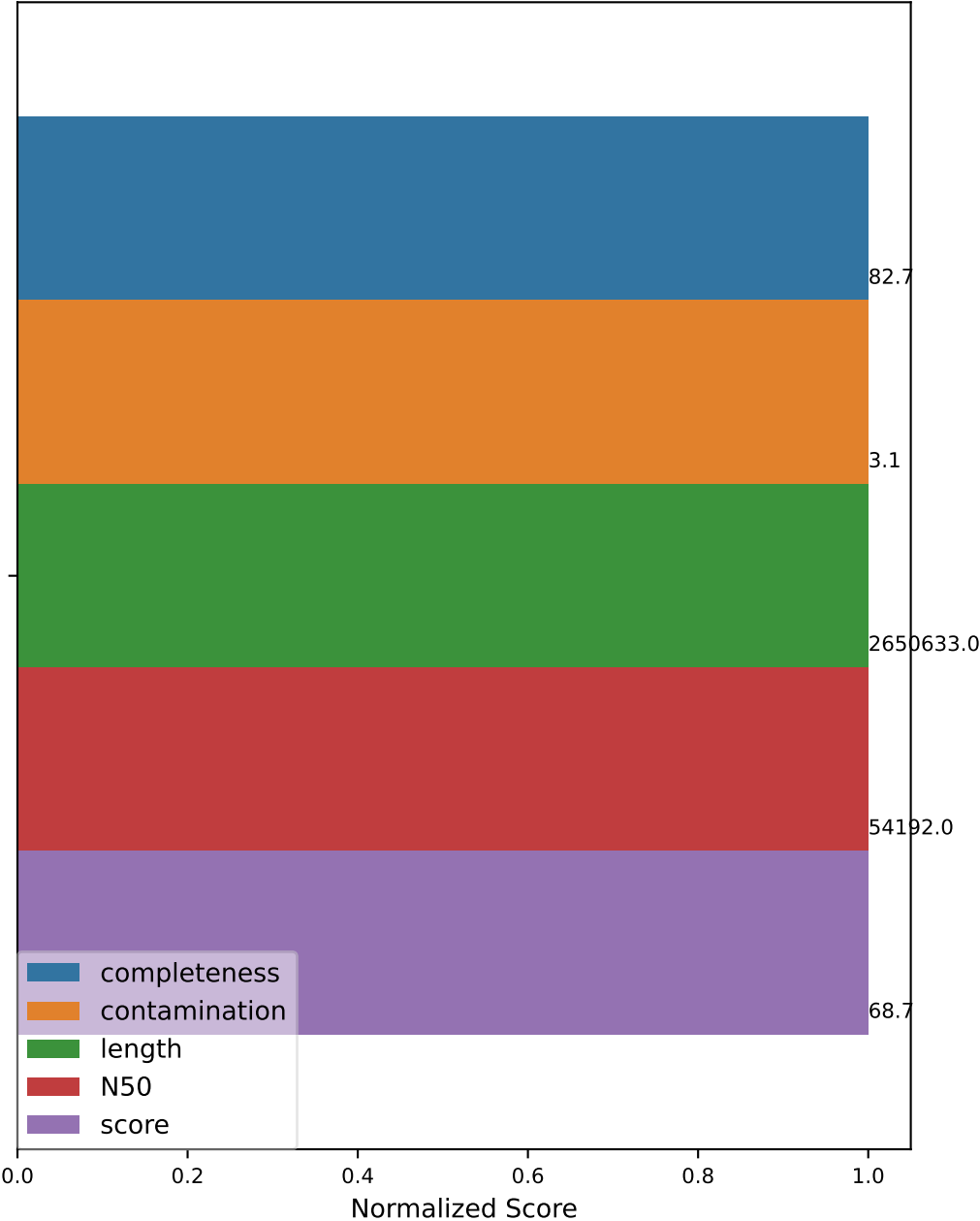
TOBG\_SP-3017.fna \*

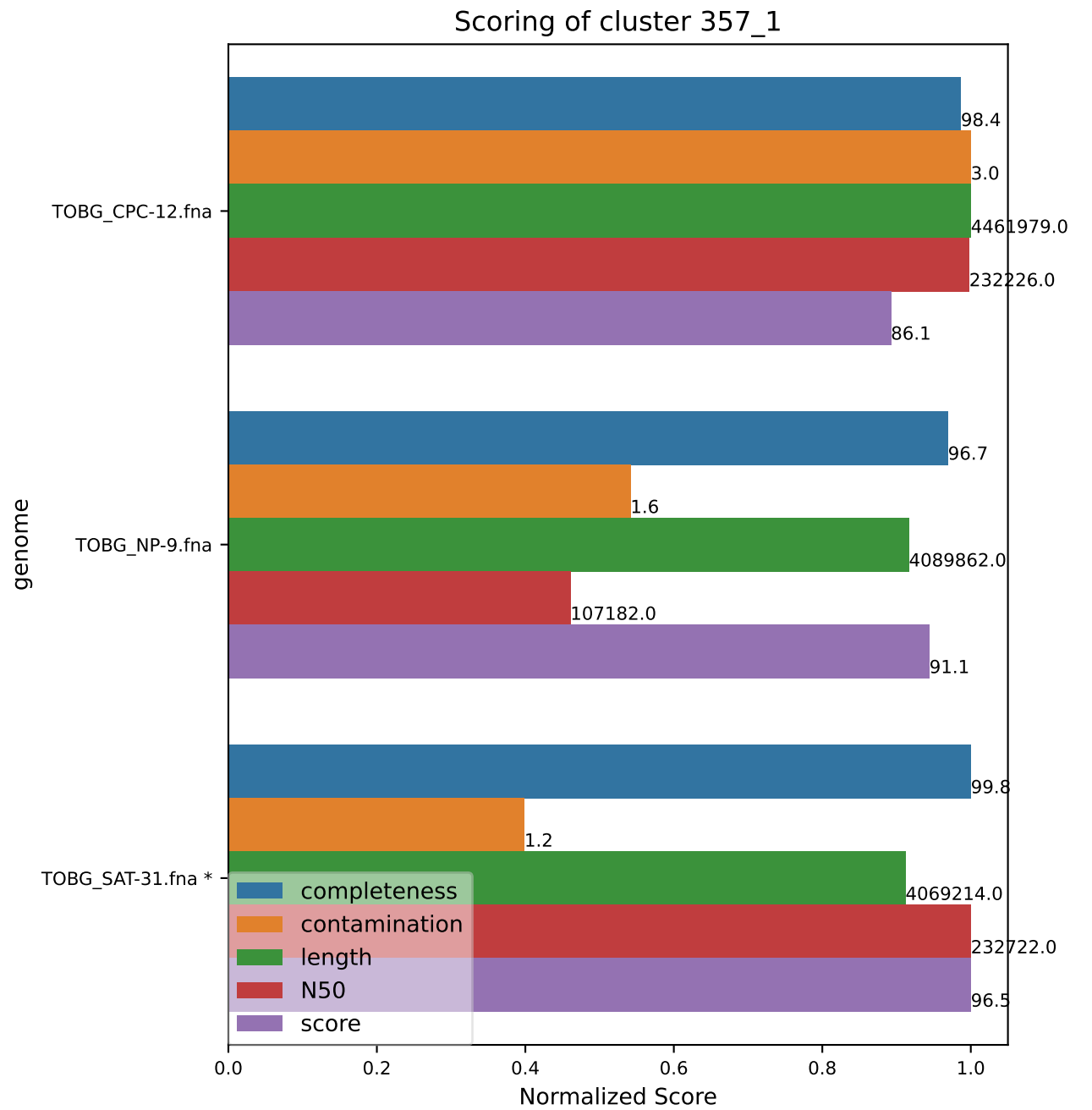


Scoring of cluster 356\_0

genome

TOBG\_SP-171.fna \*

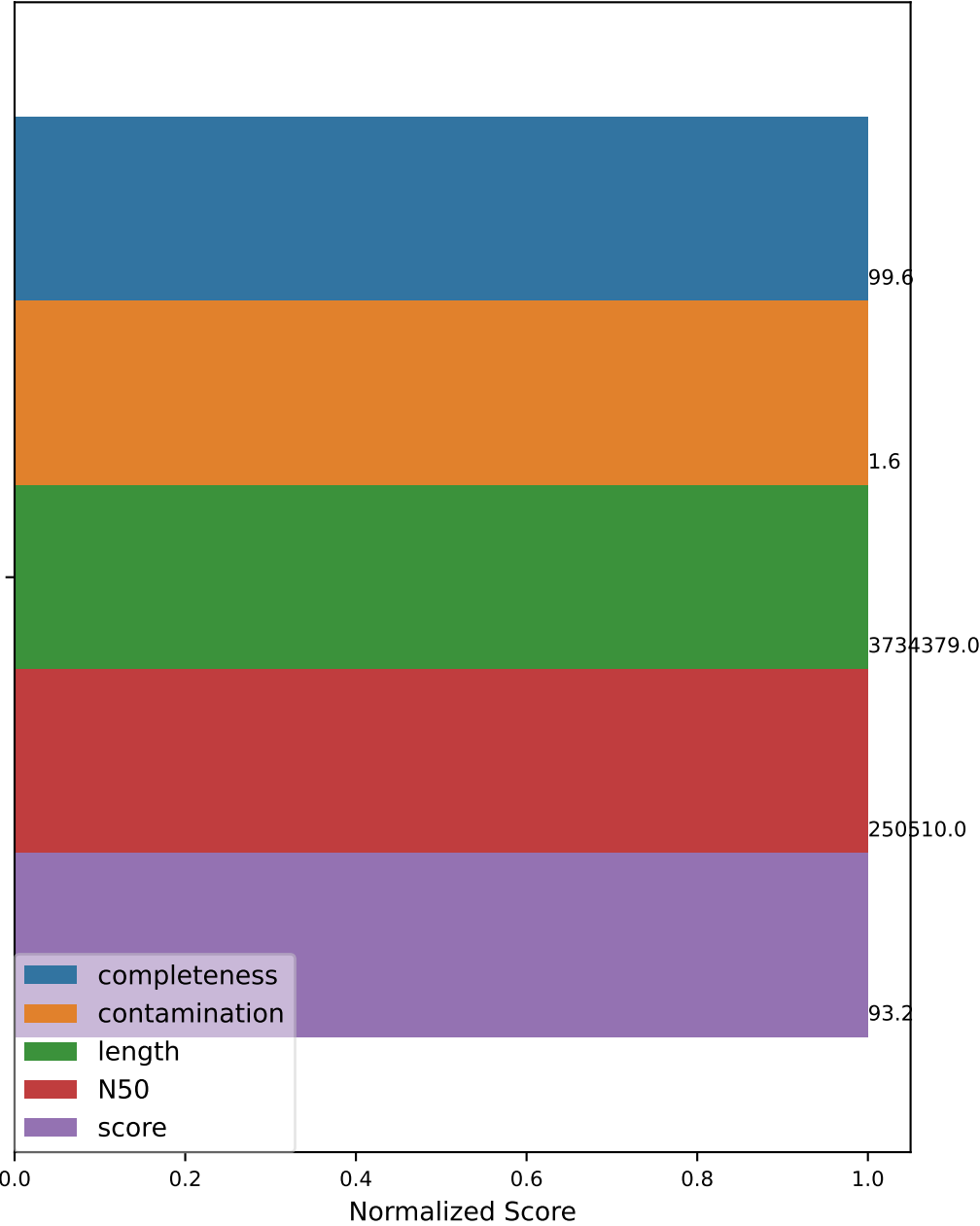




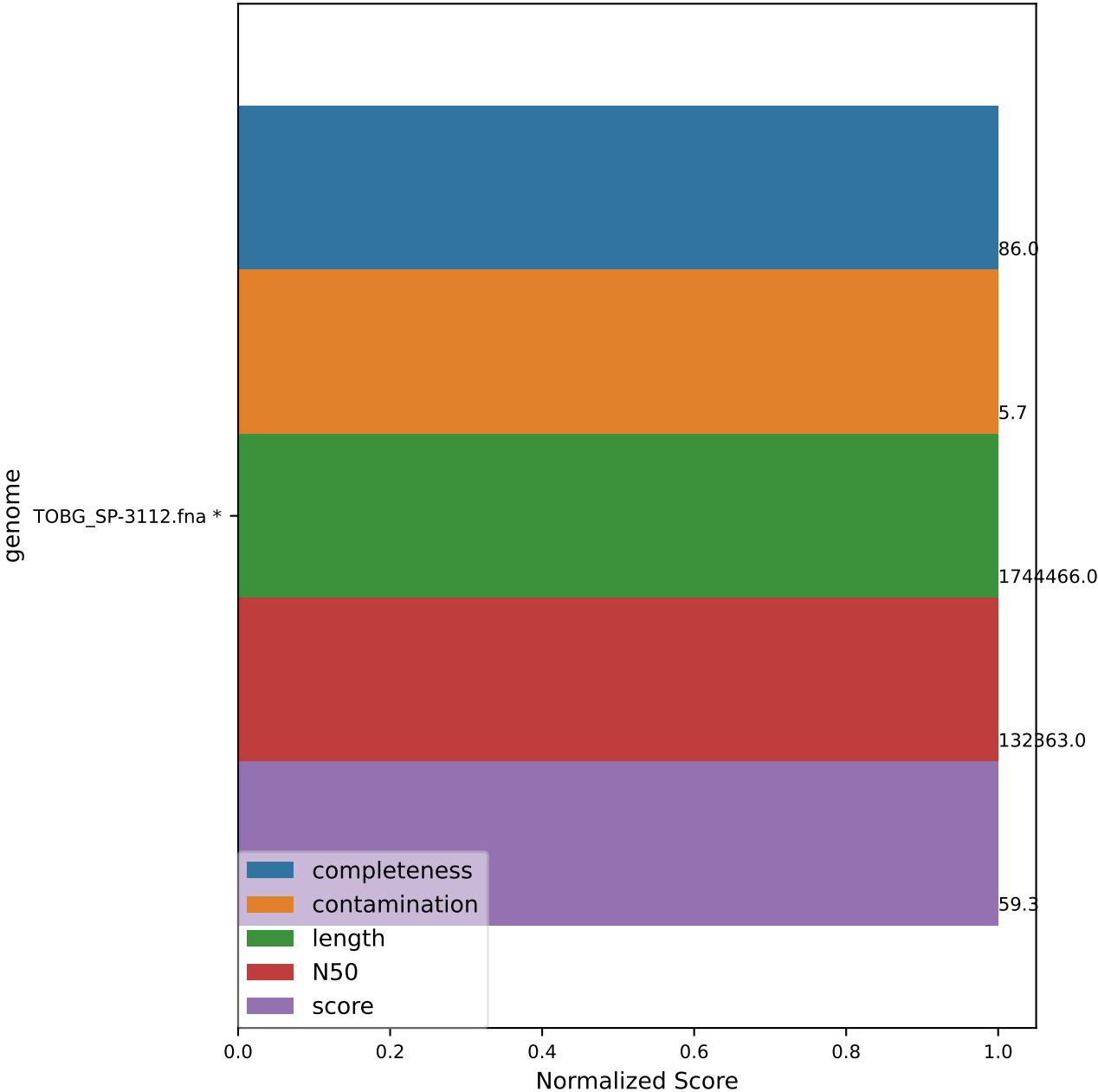
Scoring of cluster 358\_0

genome

TOBG\_SP-180.fna \*



Scoring of cluster 359\_0

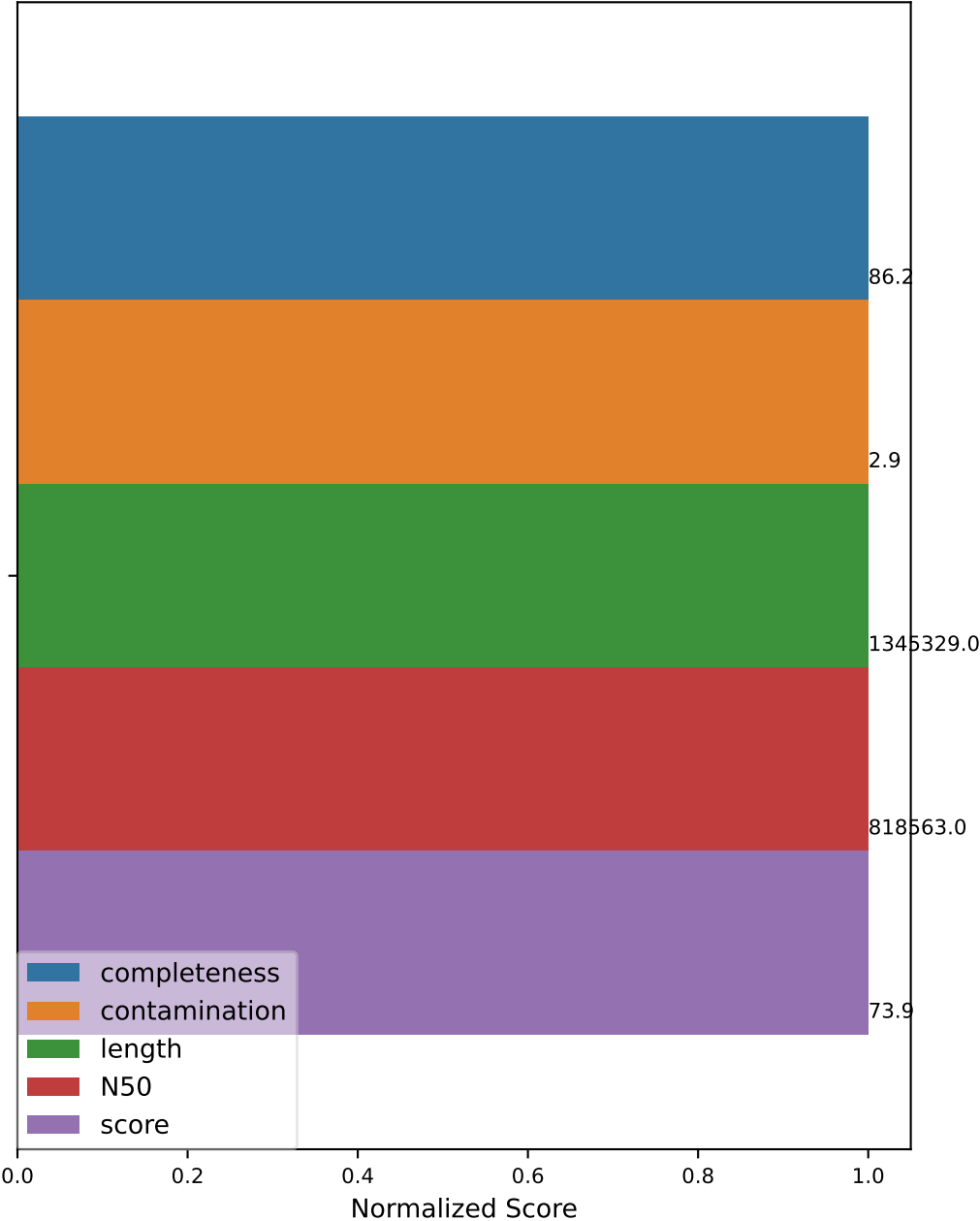




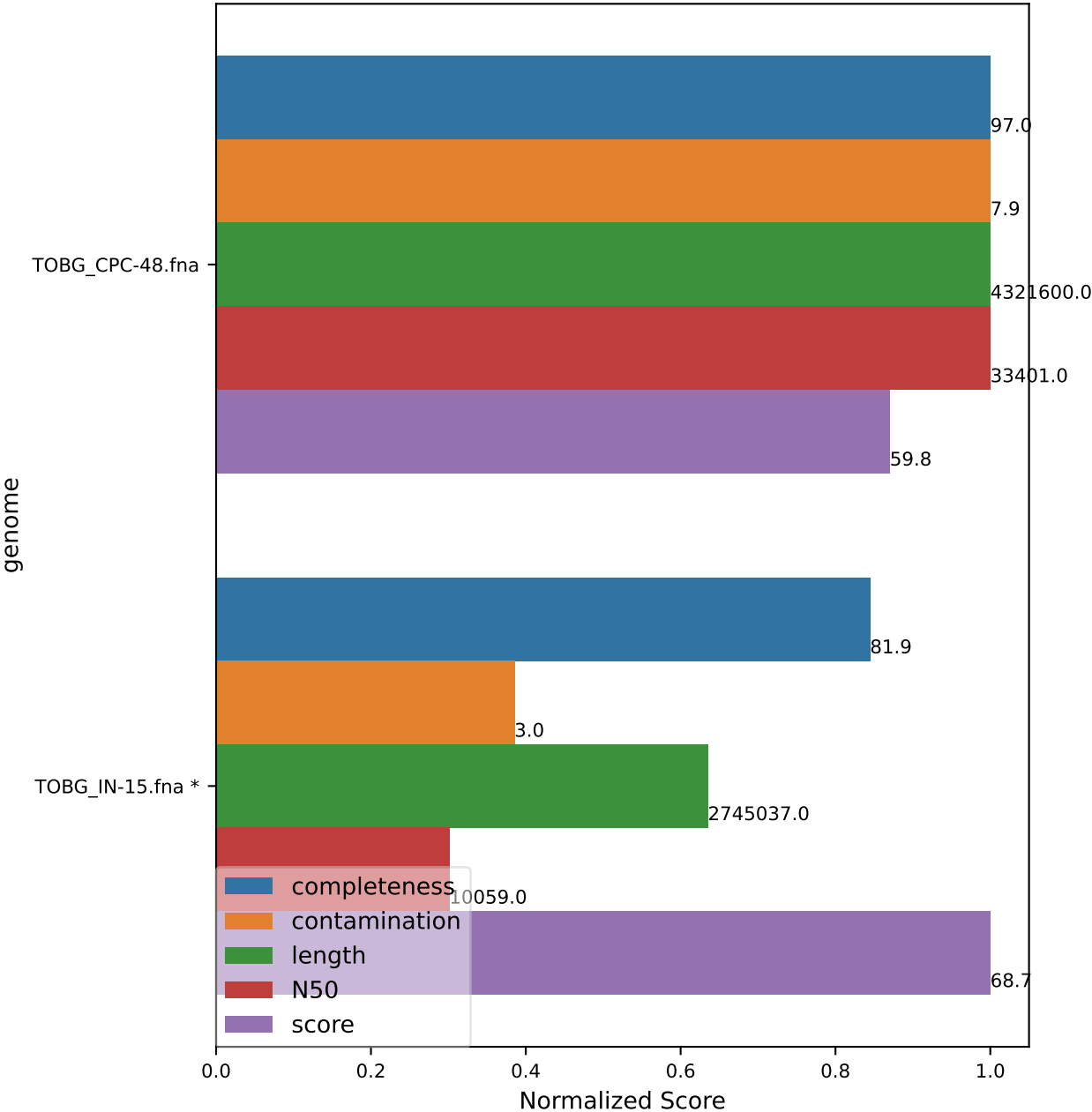
Scoring of cluster 360\_0

genome

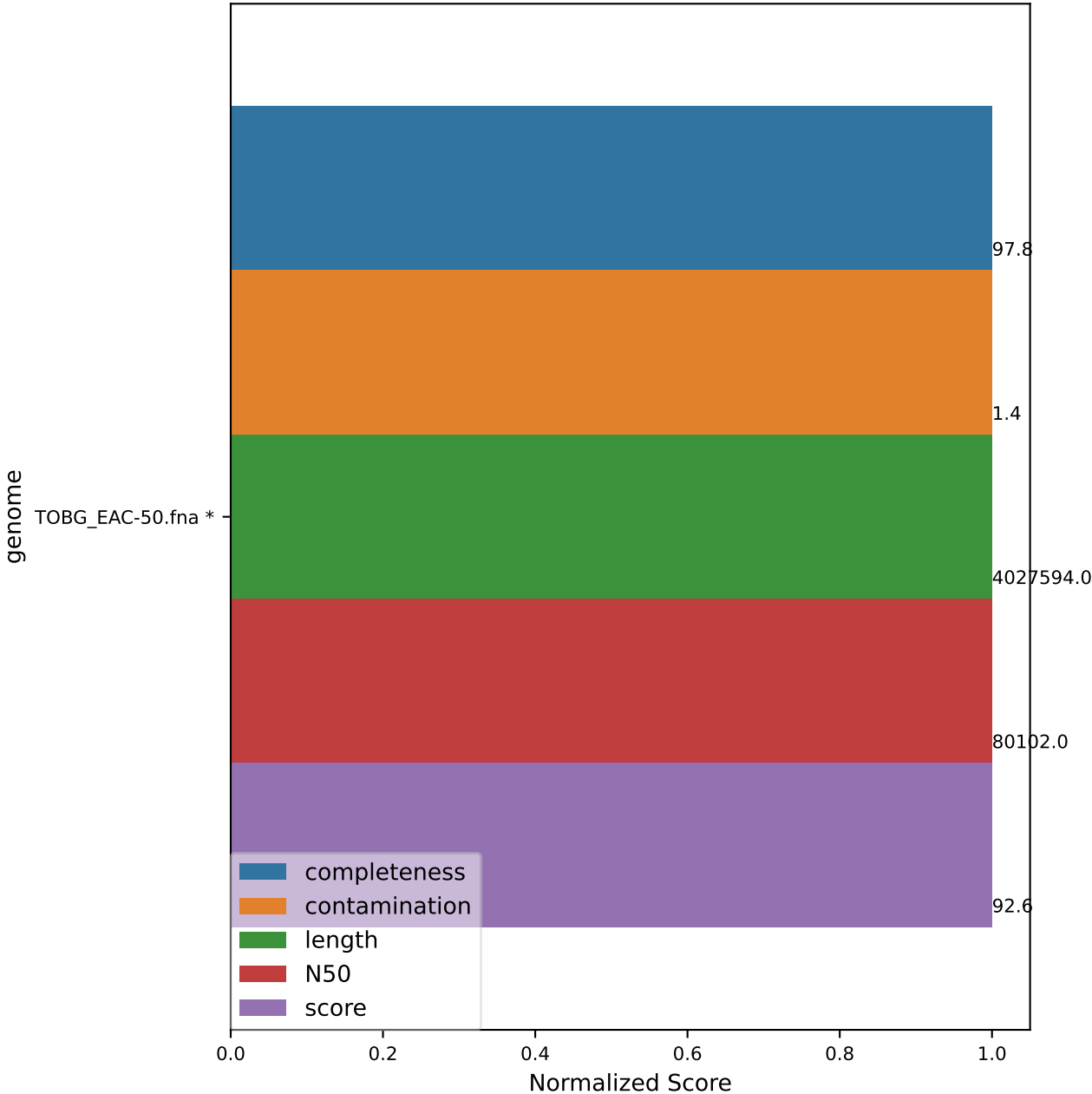
TOBG\_SP-331.fna \*

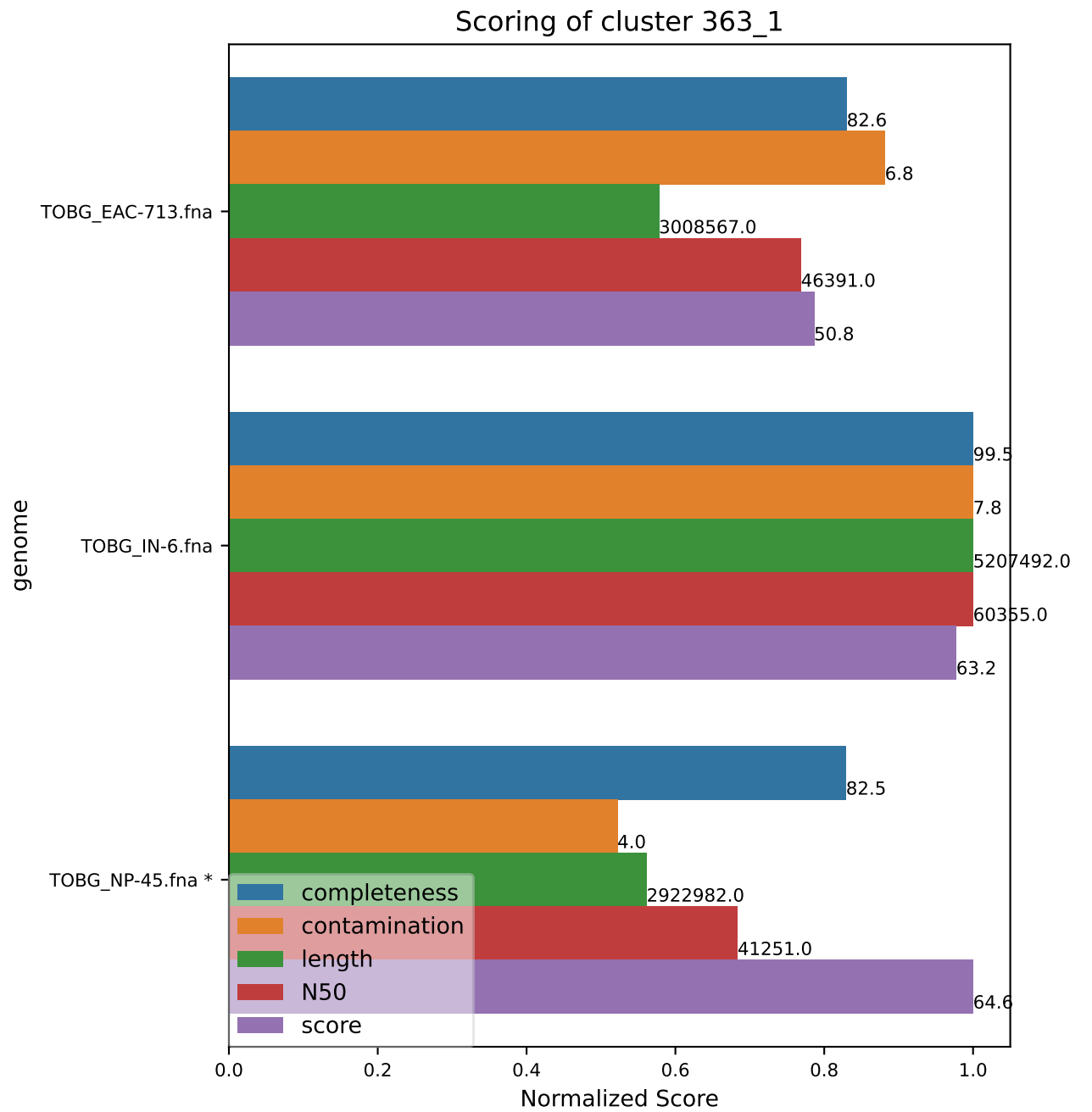


Scoring of cluster 361\_1

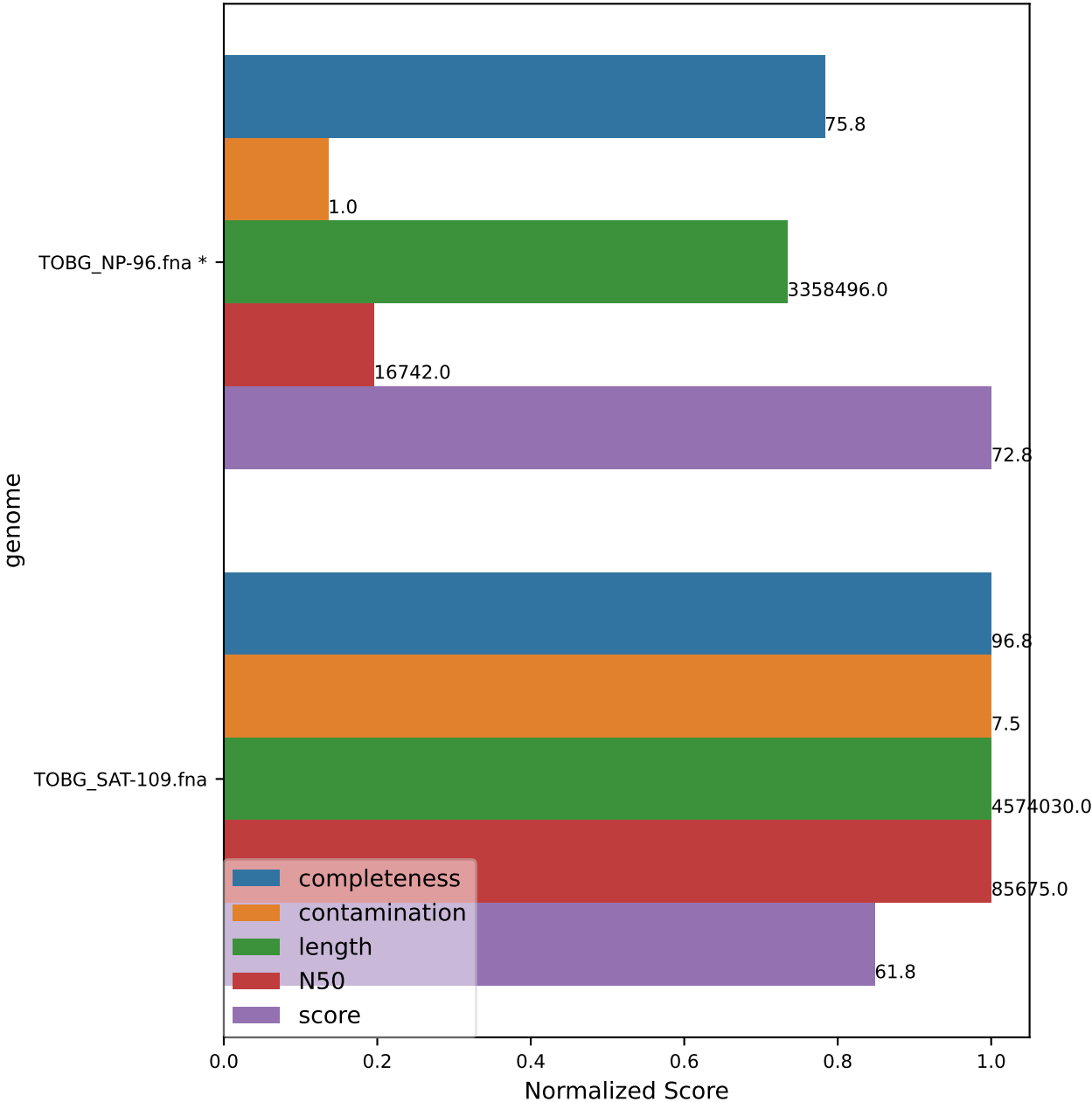


Scoring of cluster 362\_0

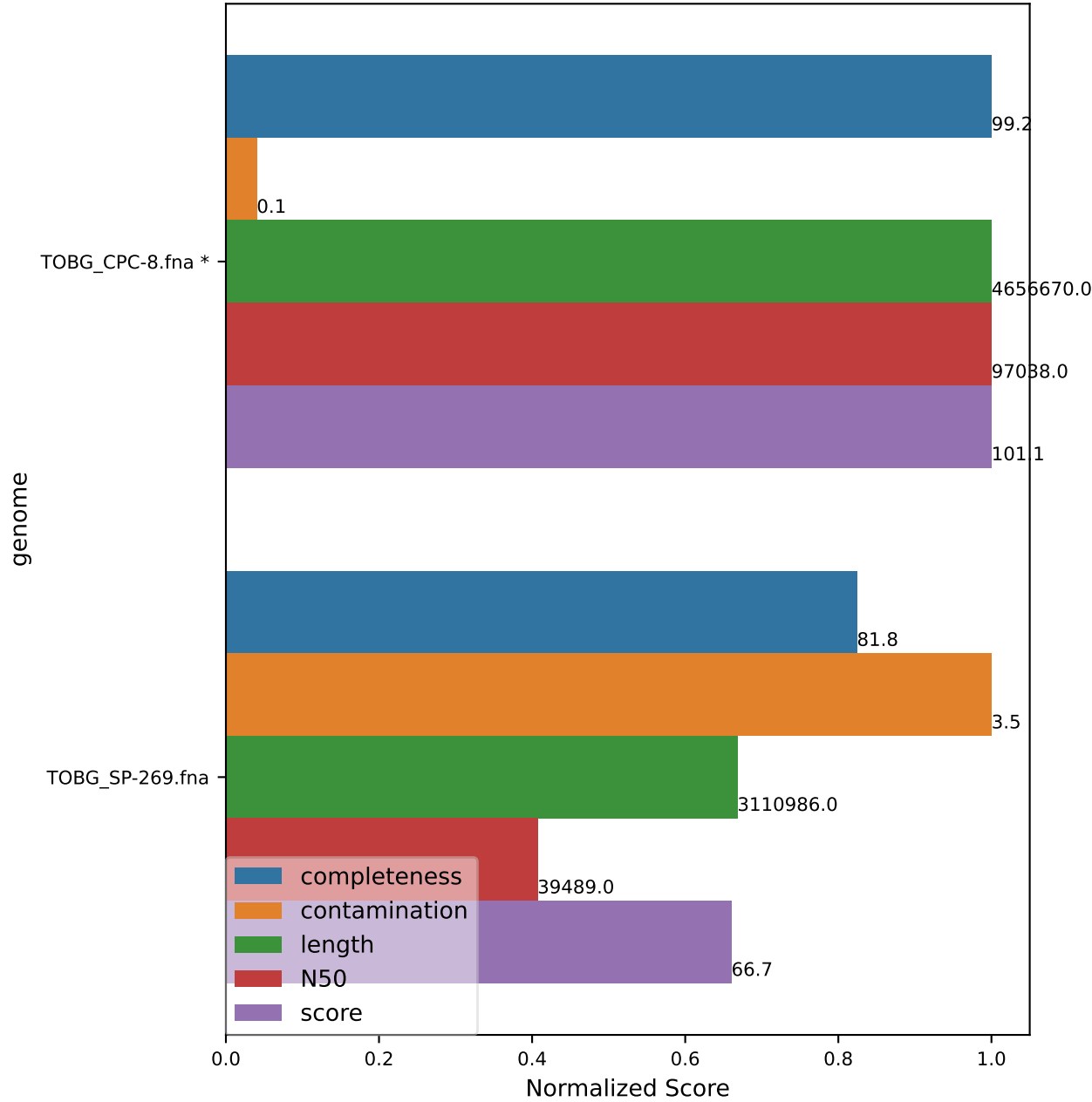




Scoring of cluster 364\_1



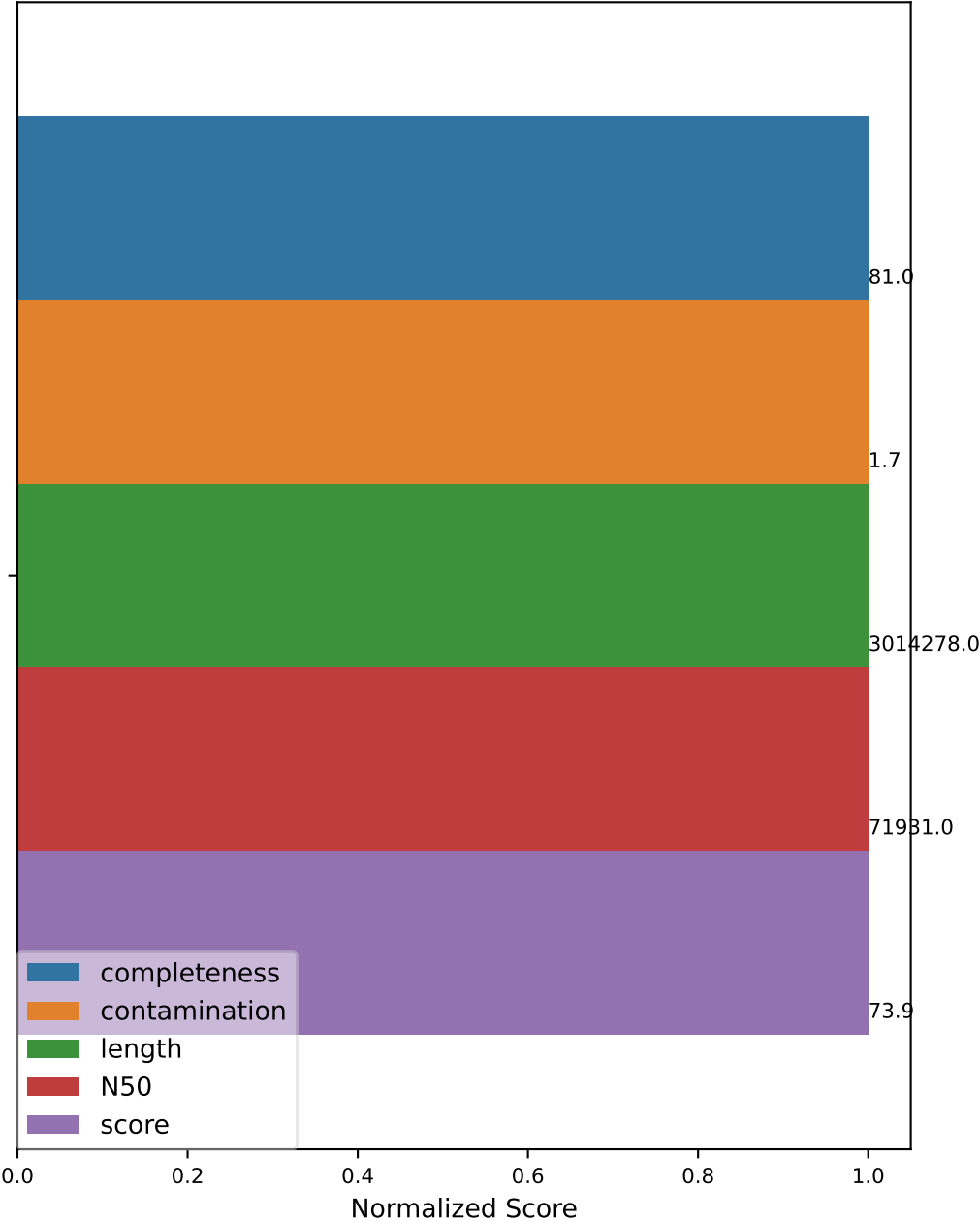
Scoring of cluster 364\_2



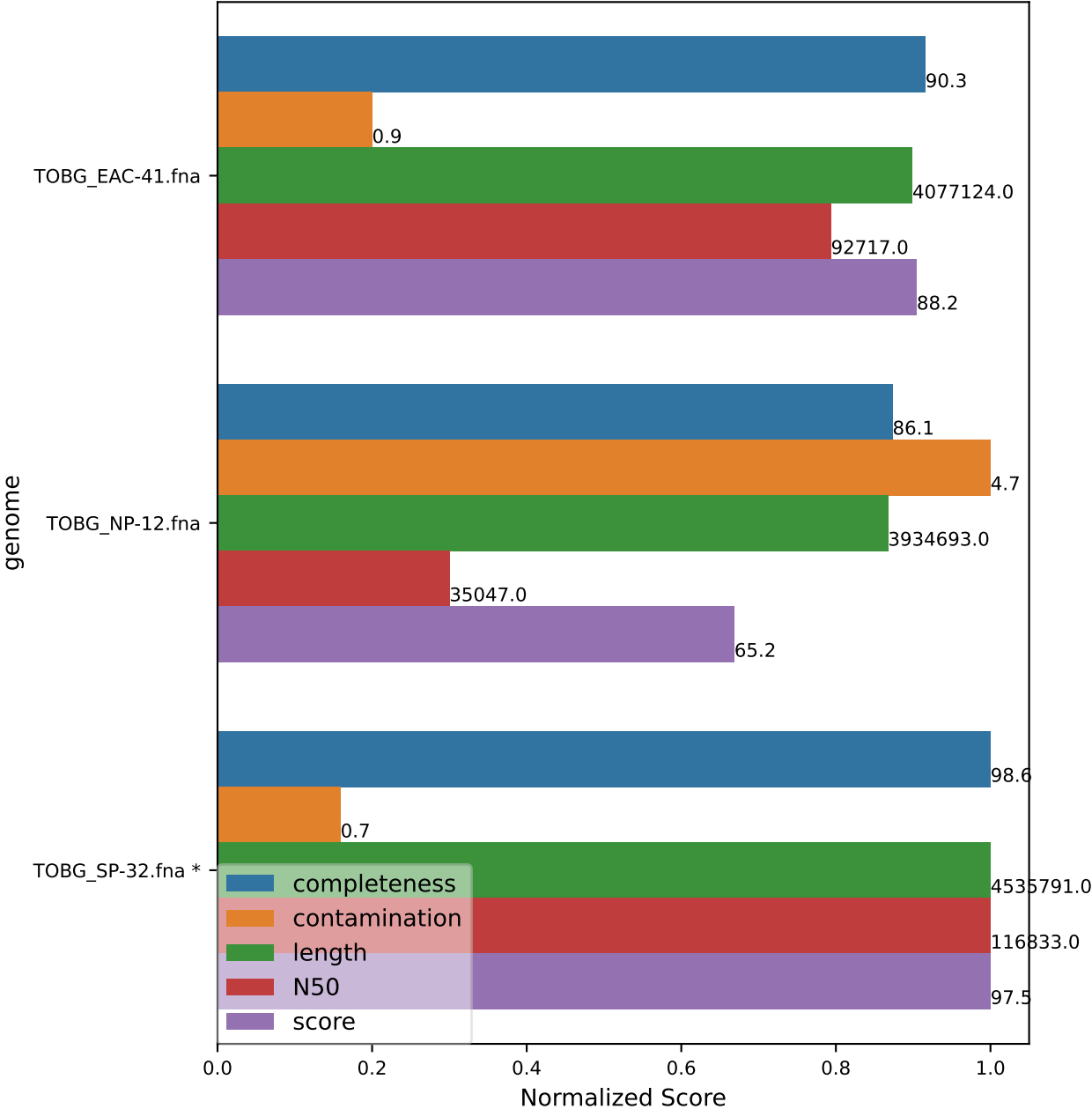
Scoring of cluster 365\_0

genome

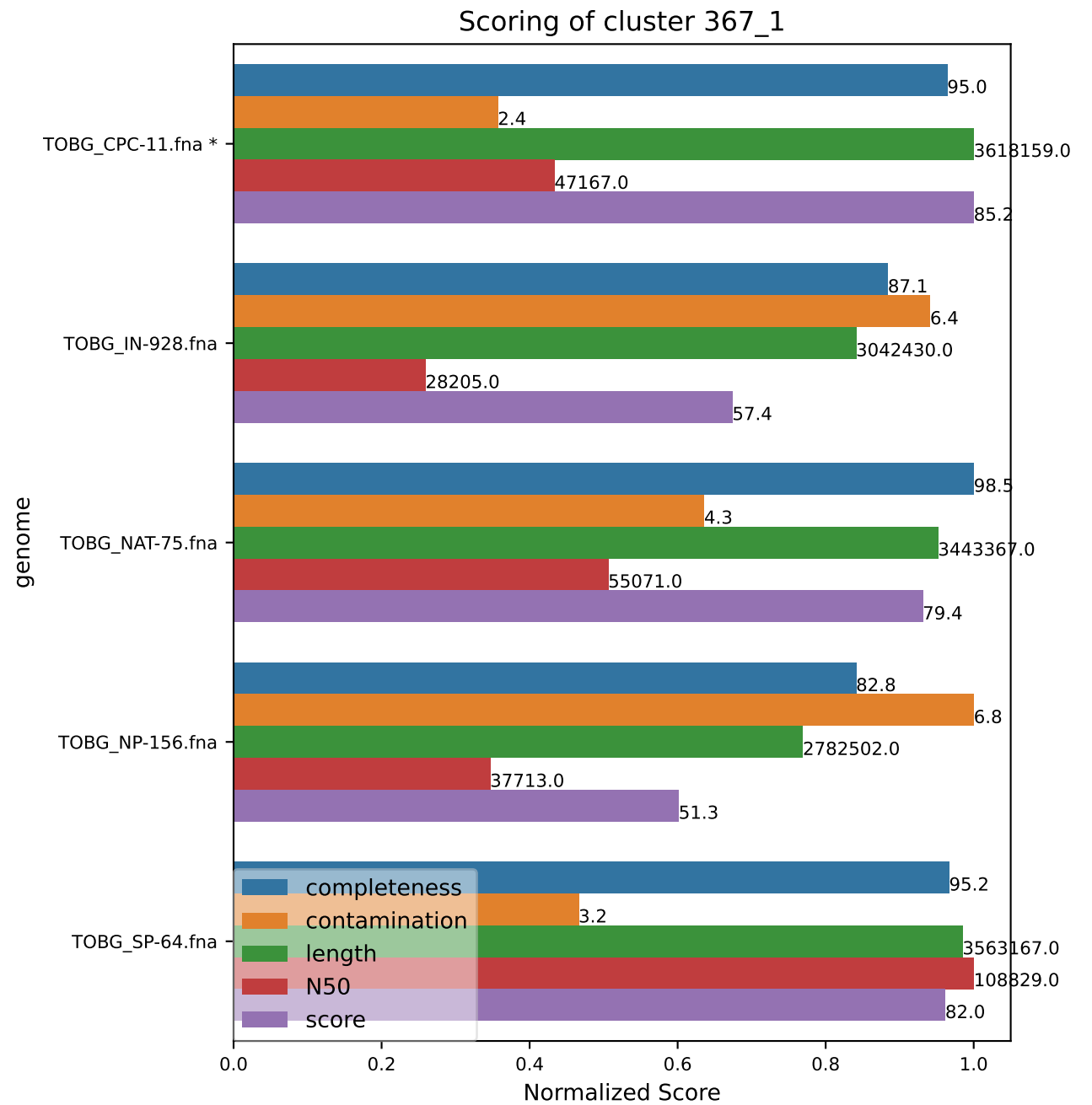
TOBG\_SP-333.fna \*



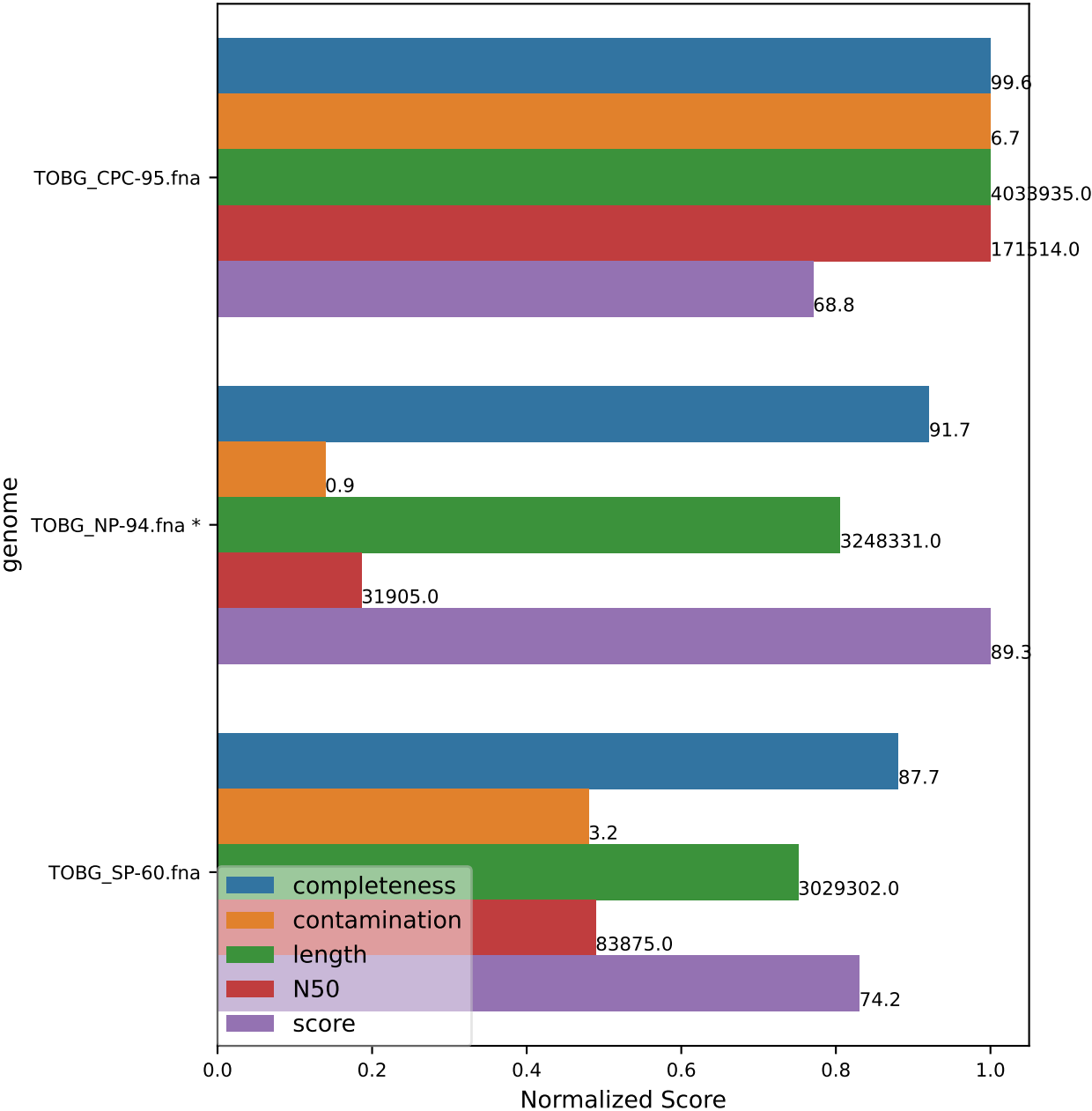
Scoring of cluster 366\_1



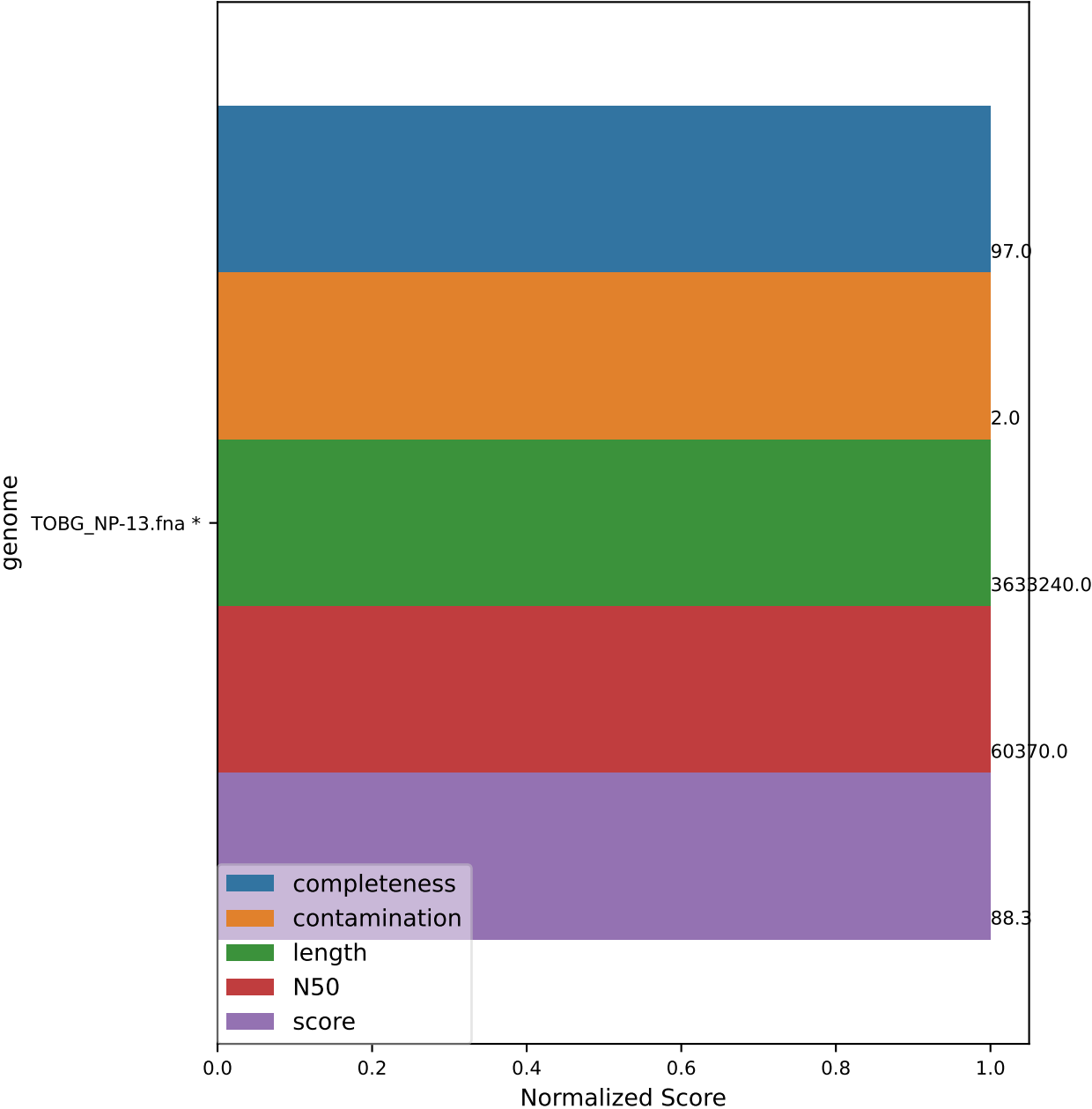




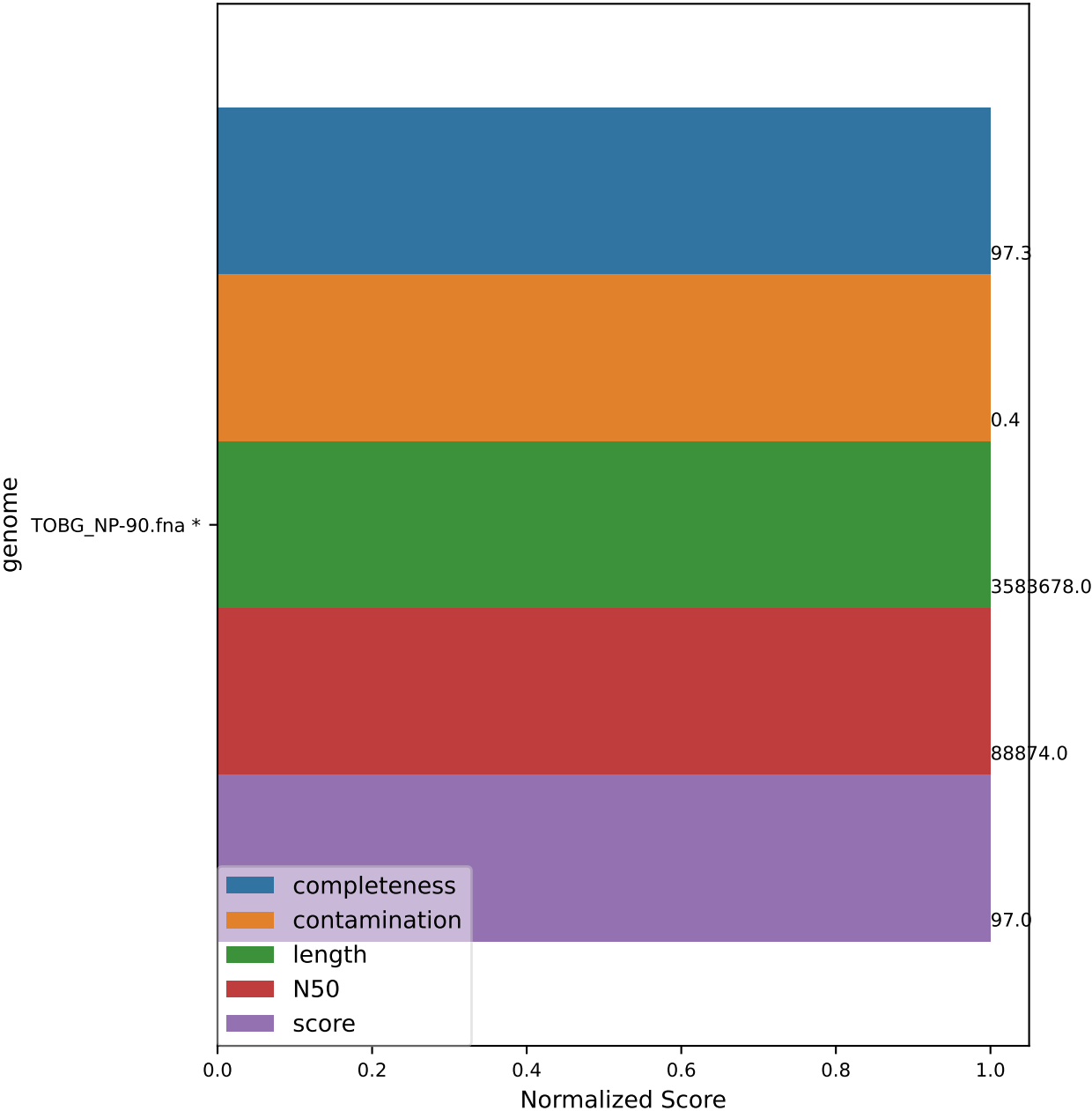
Scoring of cluster 368\_1



Scoring of cluster 369\_0



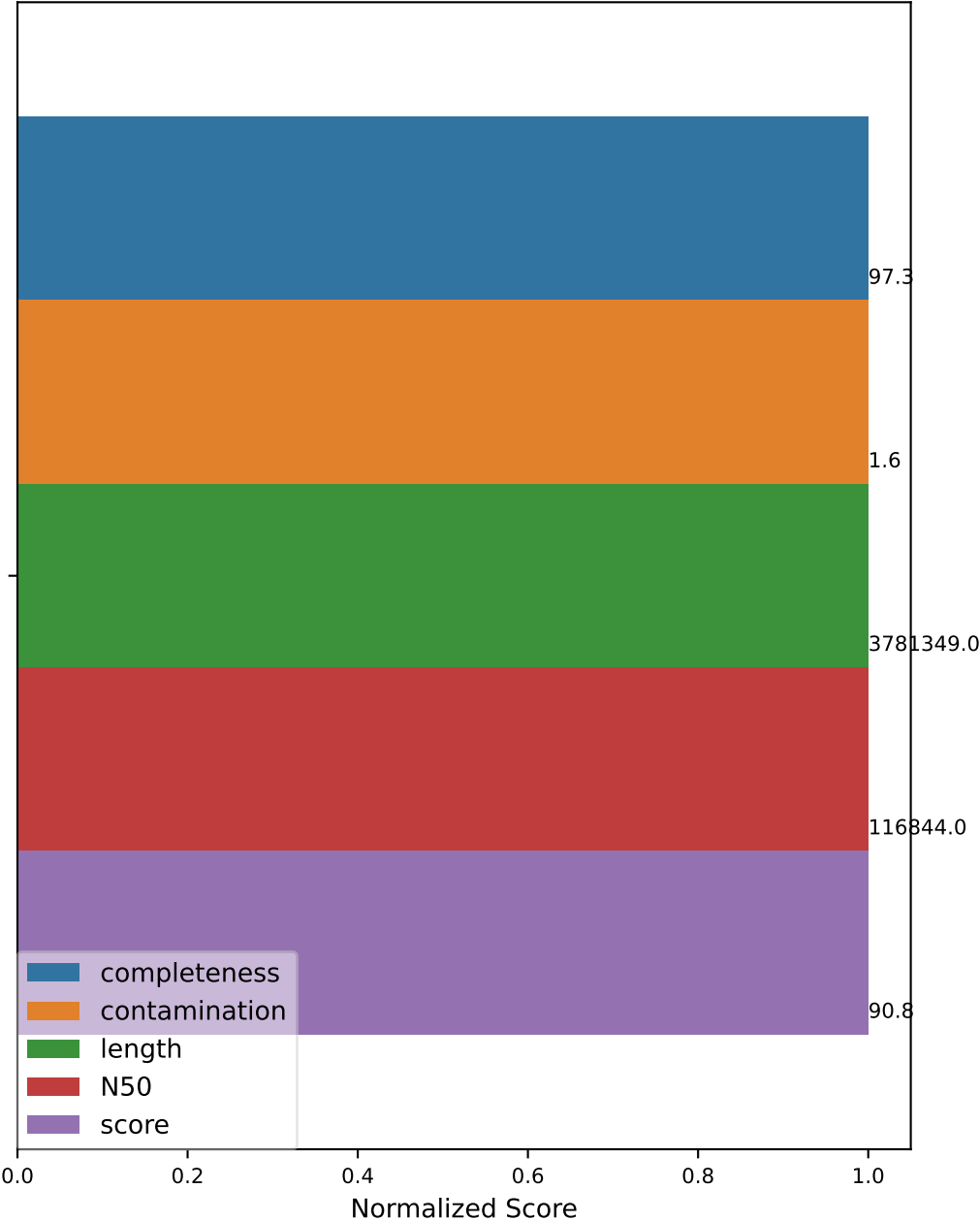
Scoring of cluster 370\_0



Scoring of cluster 371\_0

genome

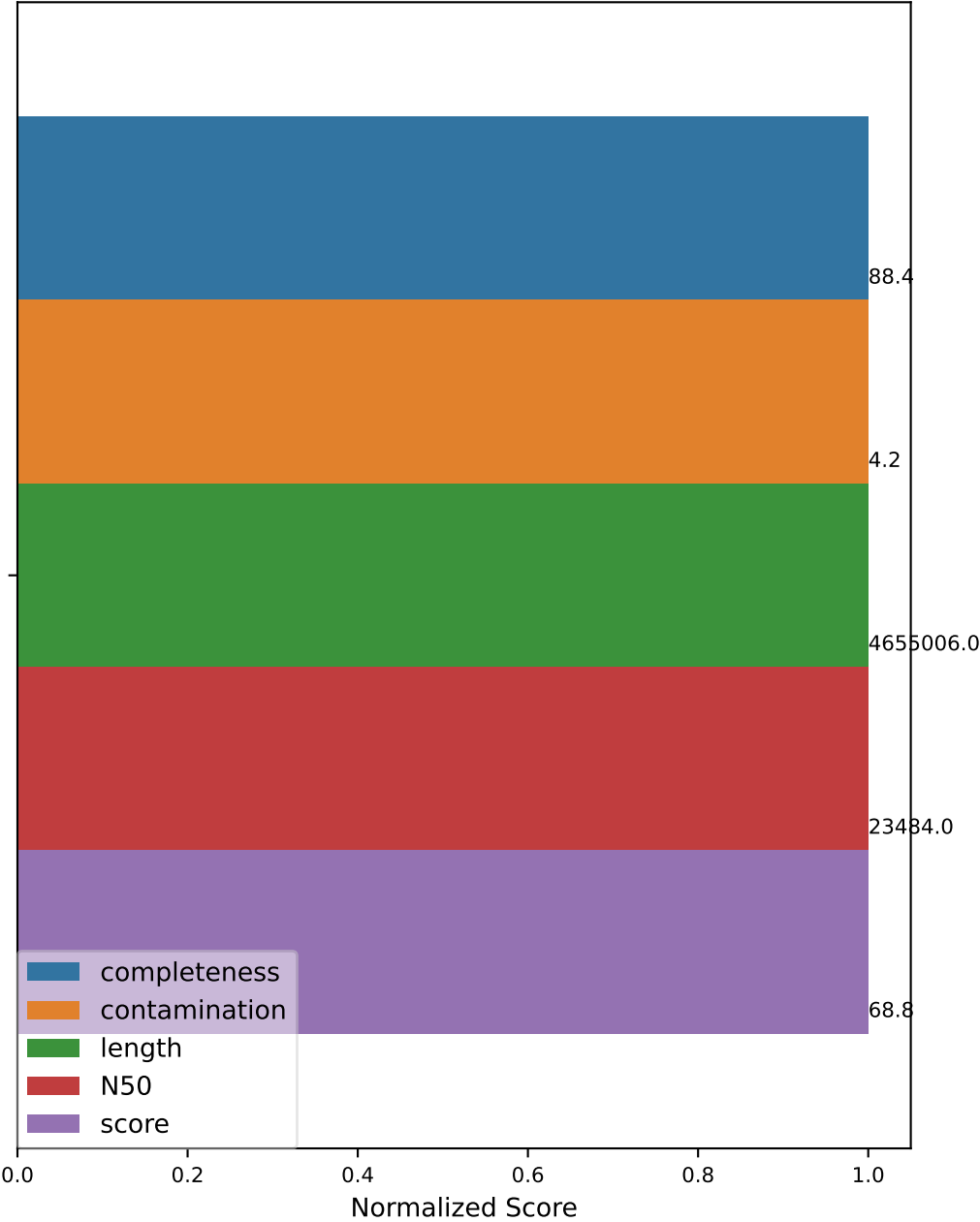
TOBG\_SAT-93.fna \*



Scoring of cluster 372\_0

genome

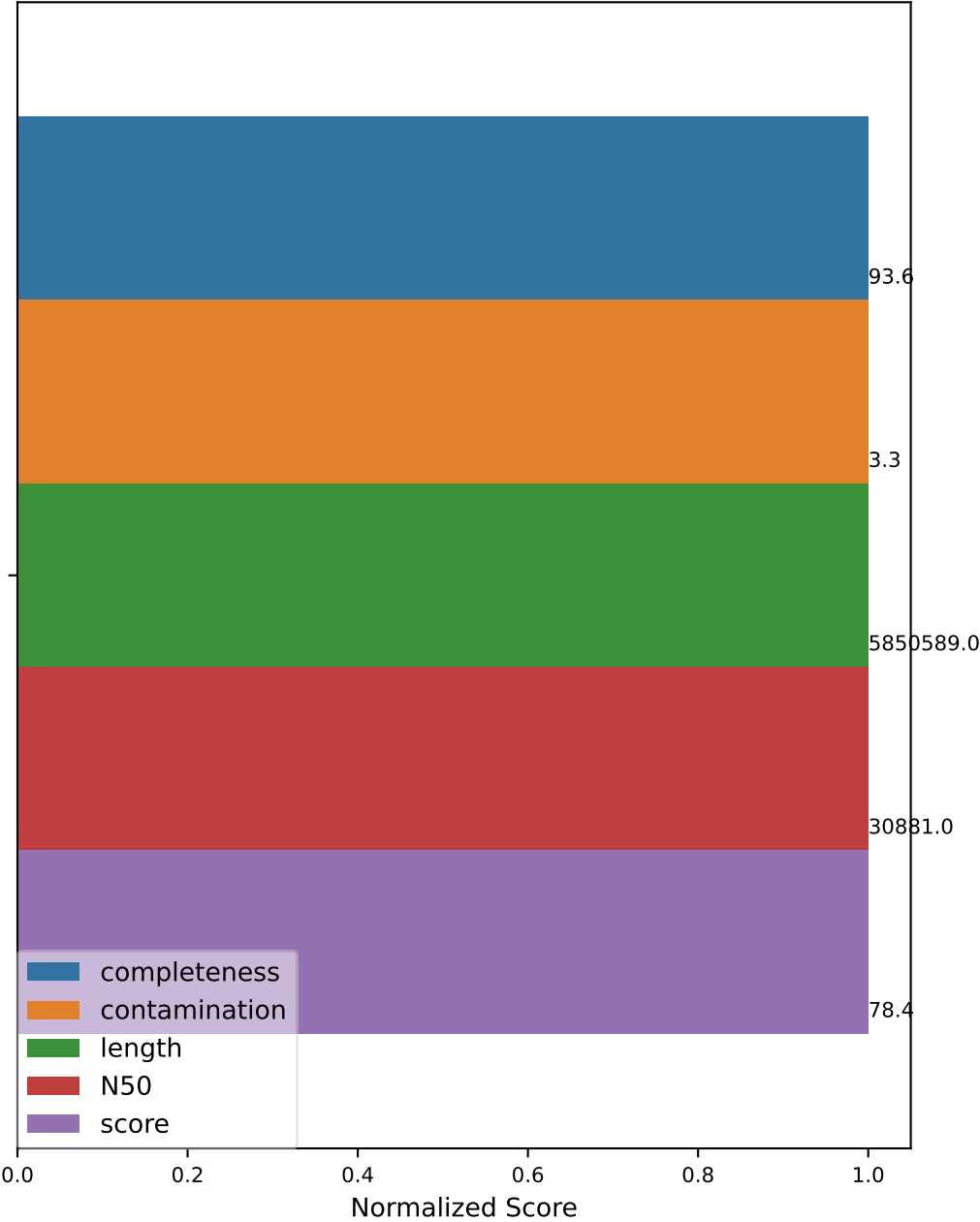
TOBG\_RS-426.fna \*



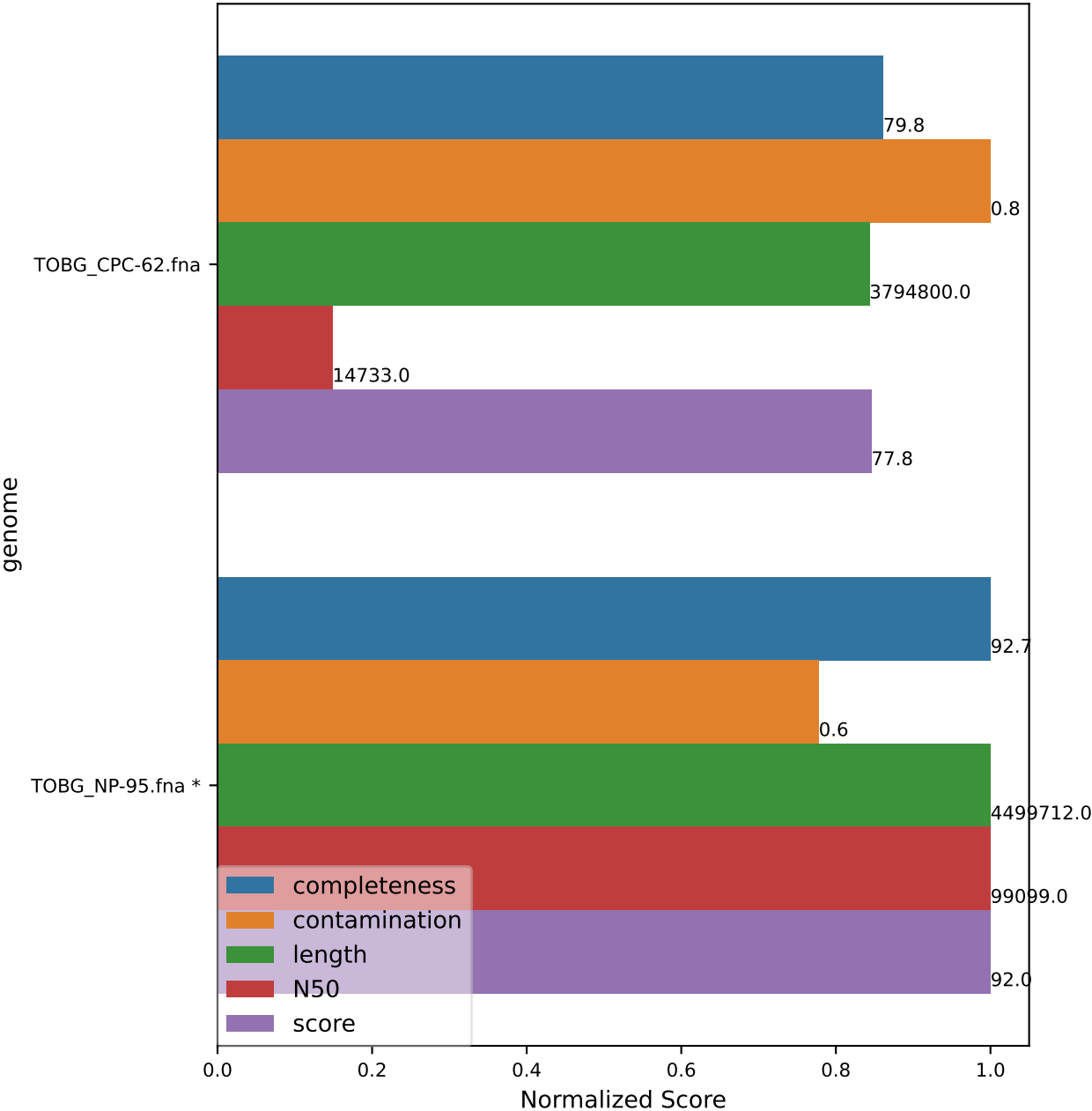
Scoring of cluster 373\_0

genome

TOBG\_RS-822.fna \*

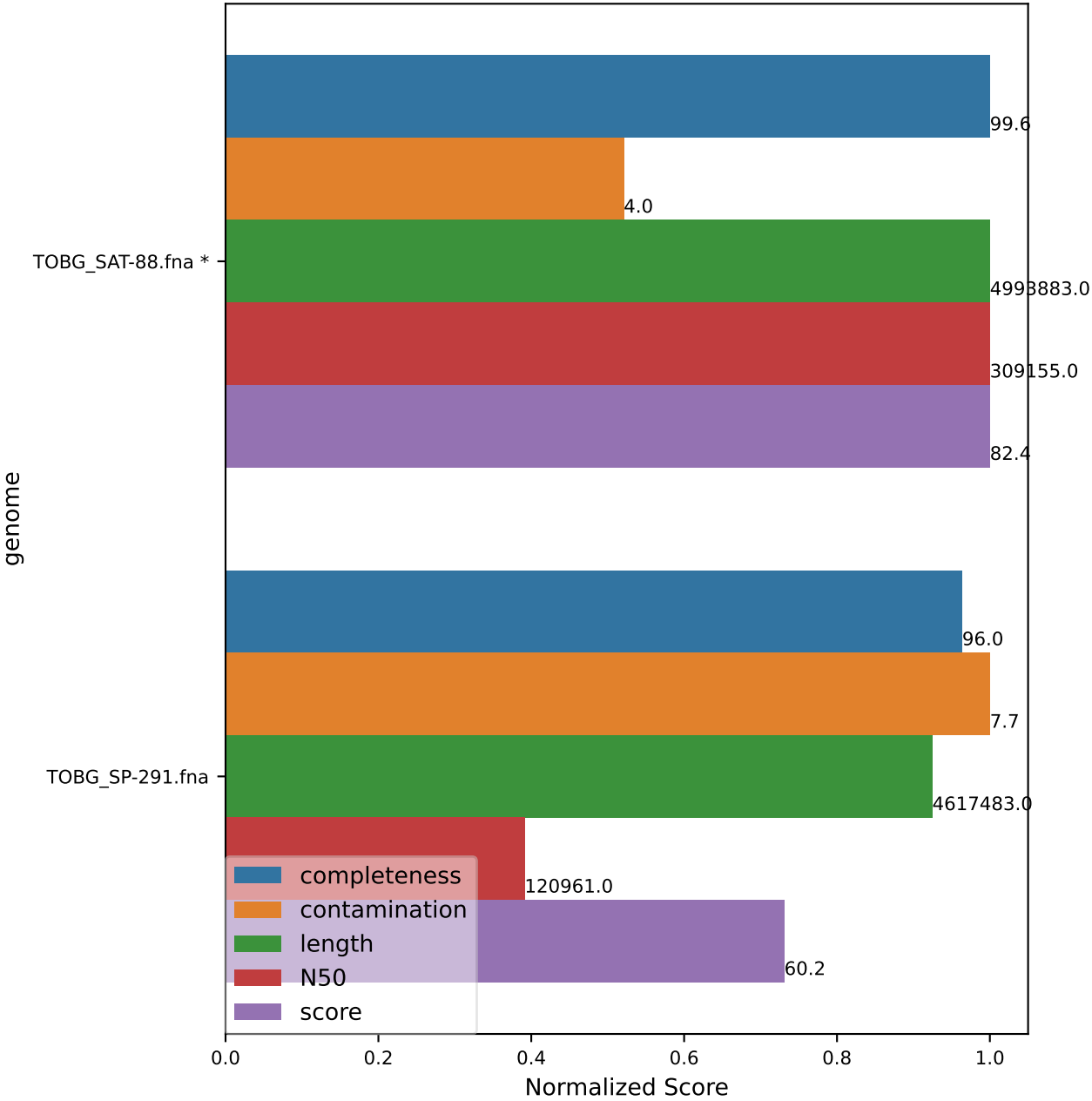


Scoring of cluster 374\_1

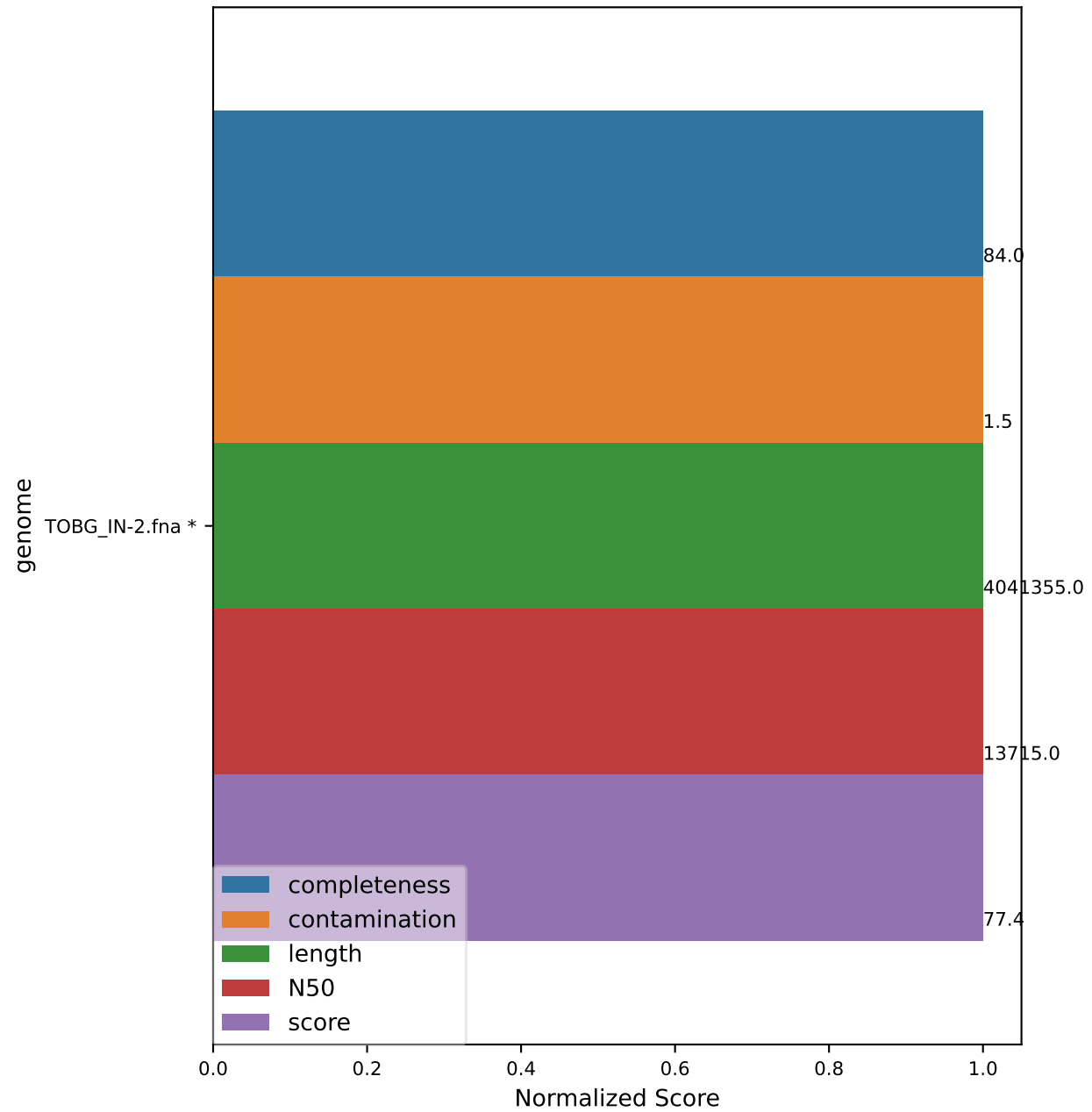




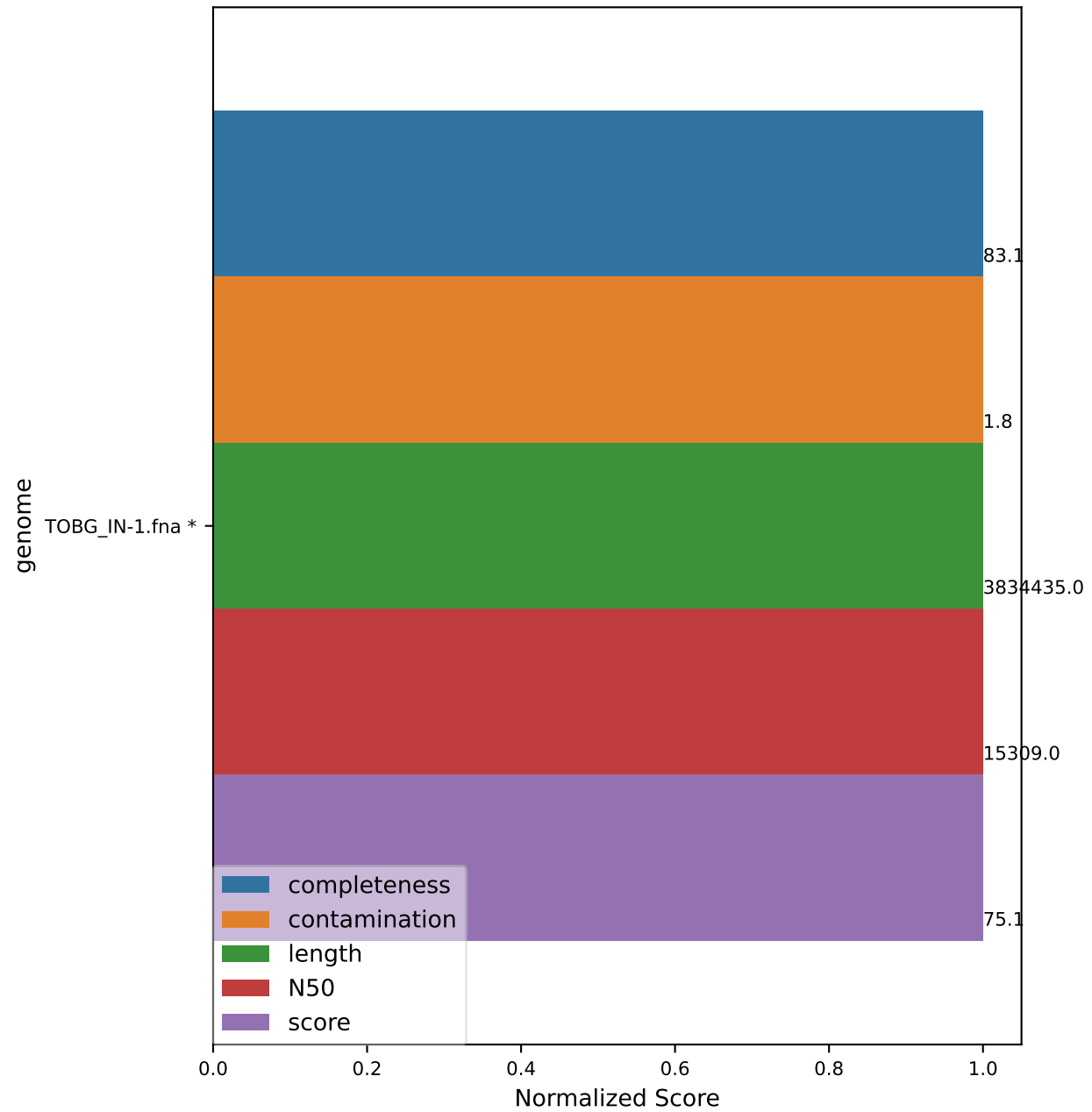
Scoring of cluster 375\_1



Scoring of cluster 376\_0



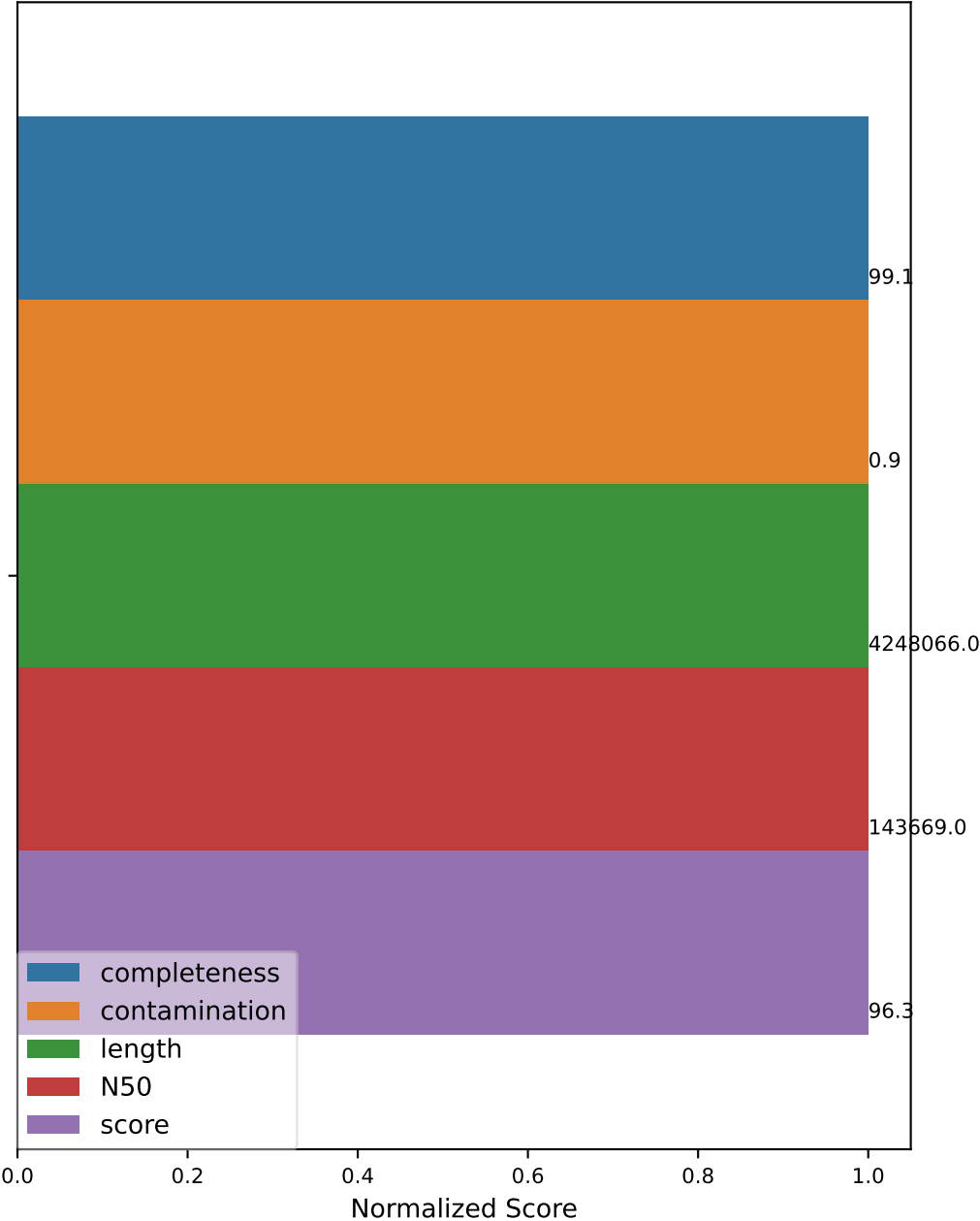
Scoring of cluster 377\_0



Scoring of cluster 378\_0

genome

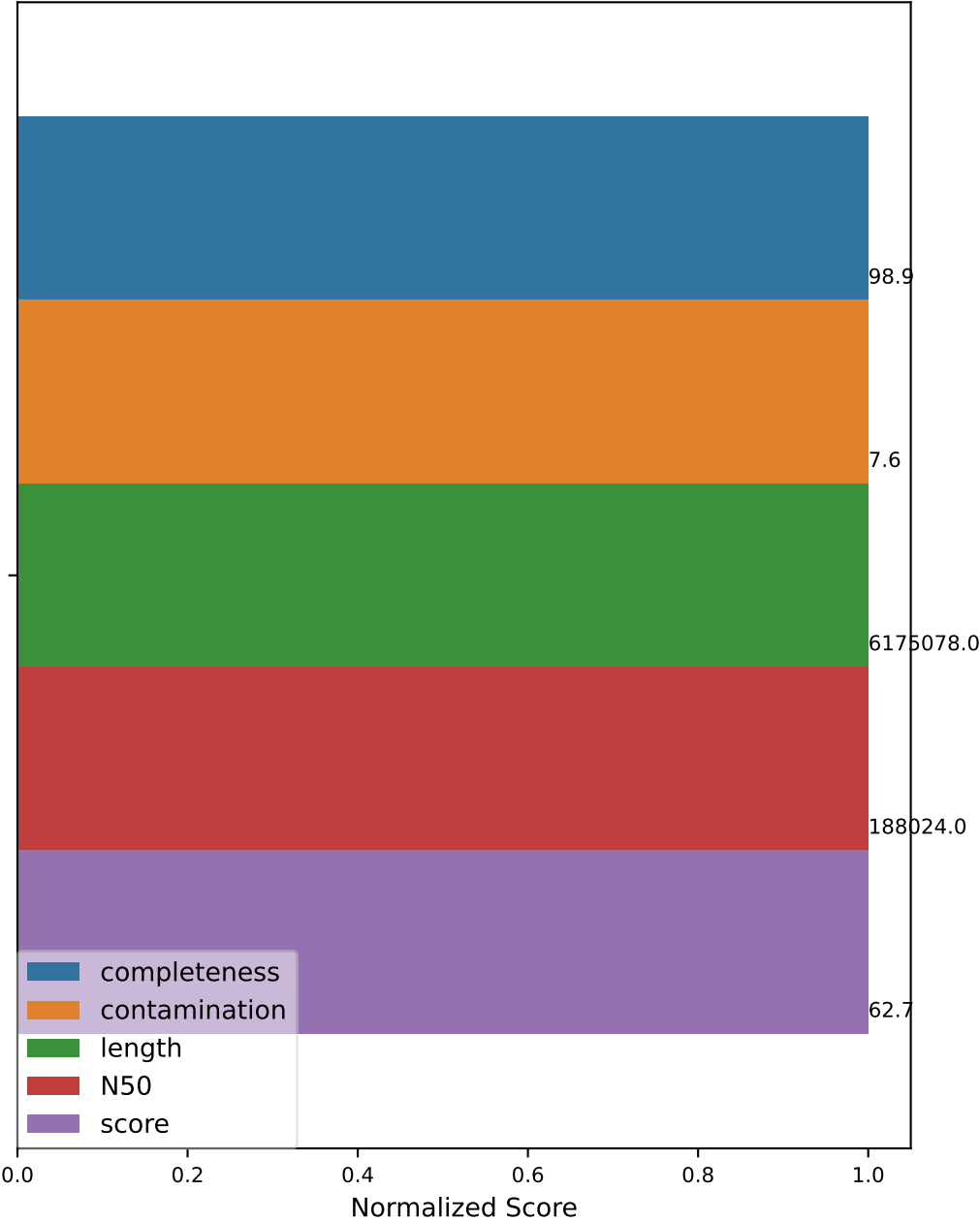
TOBG\_SP-133.fna \*



Scoring of cluster 379\_0

genome

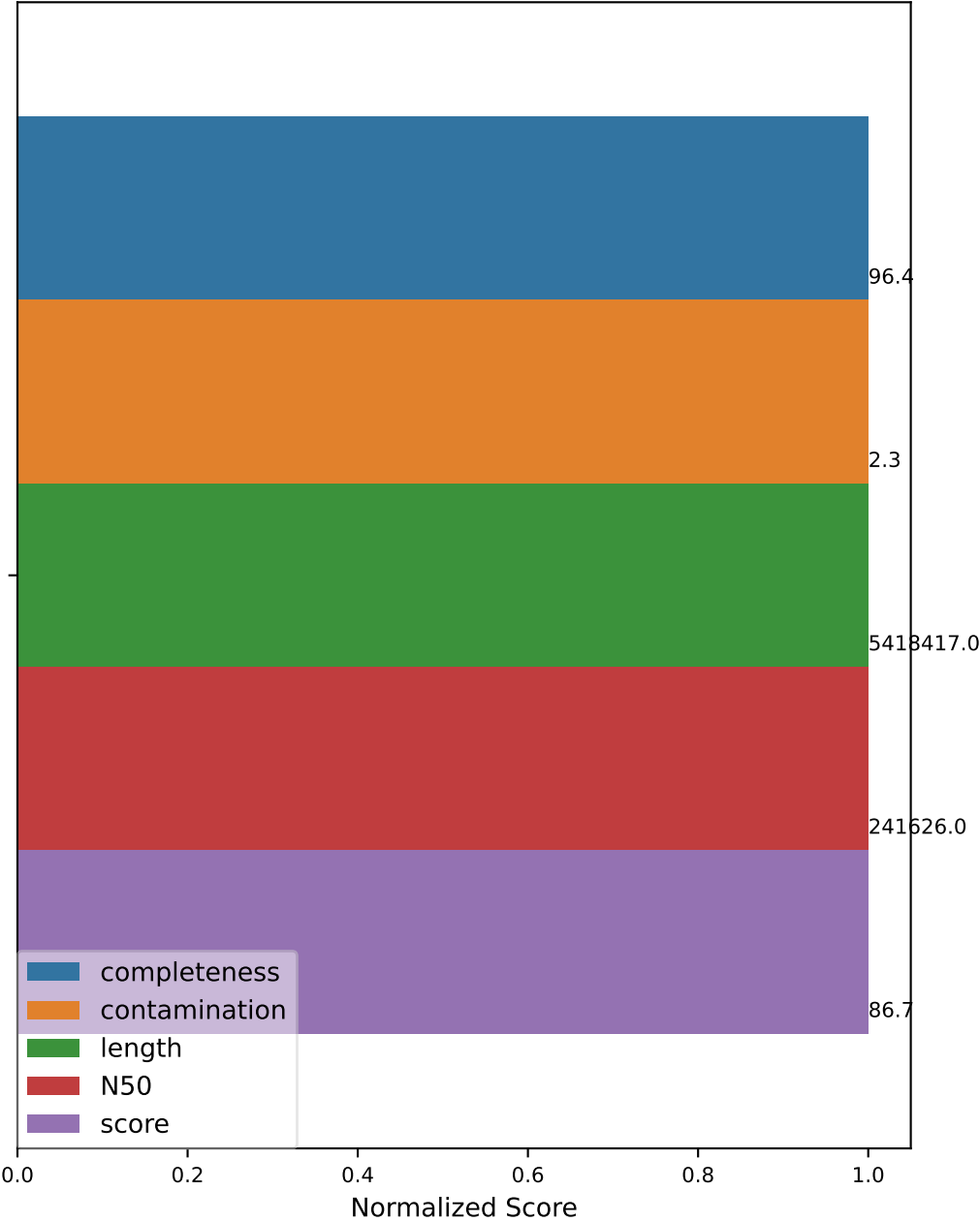
TOBG\_NAT-94.fna \*



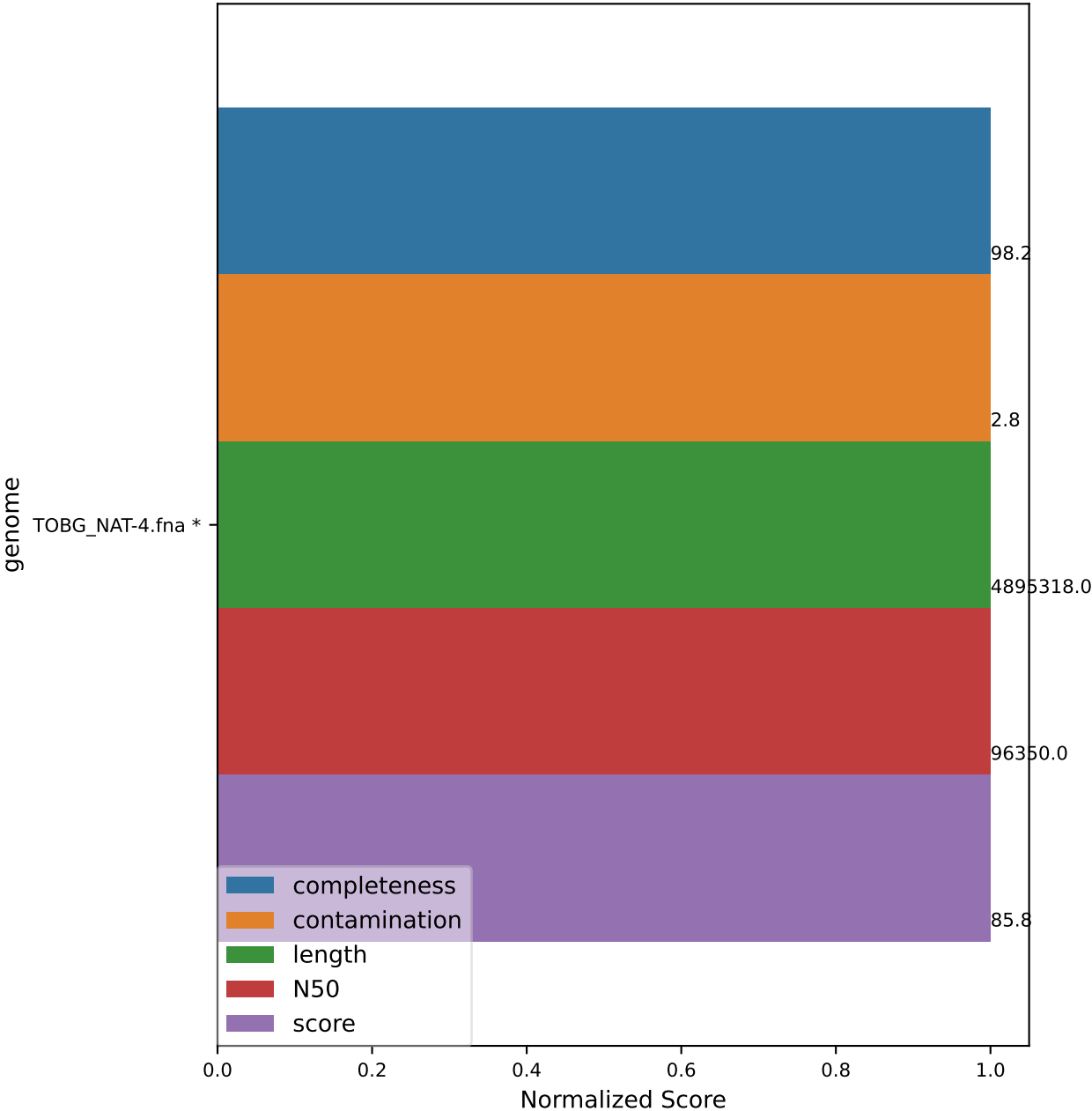
Scoring of cluster 380\_0

genome

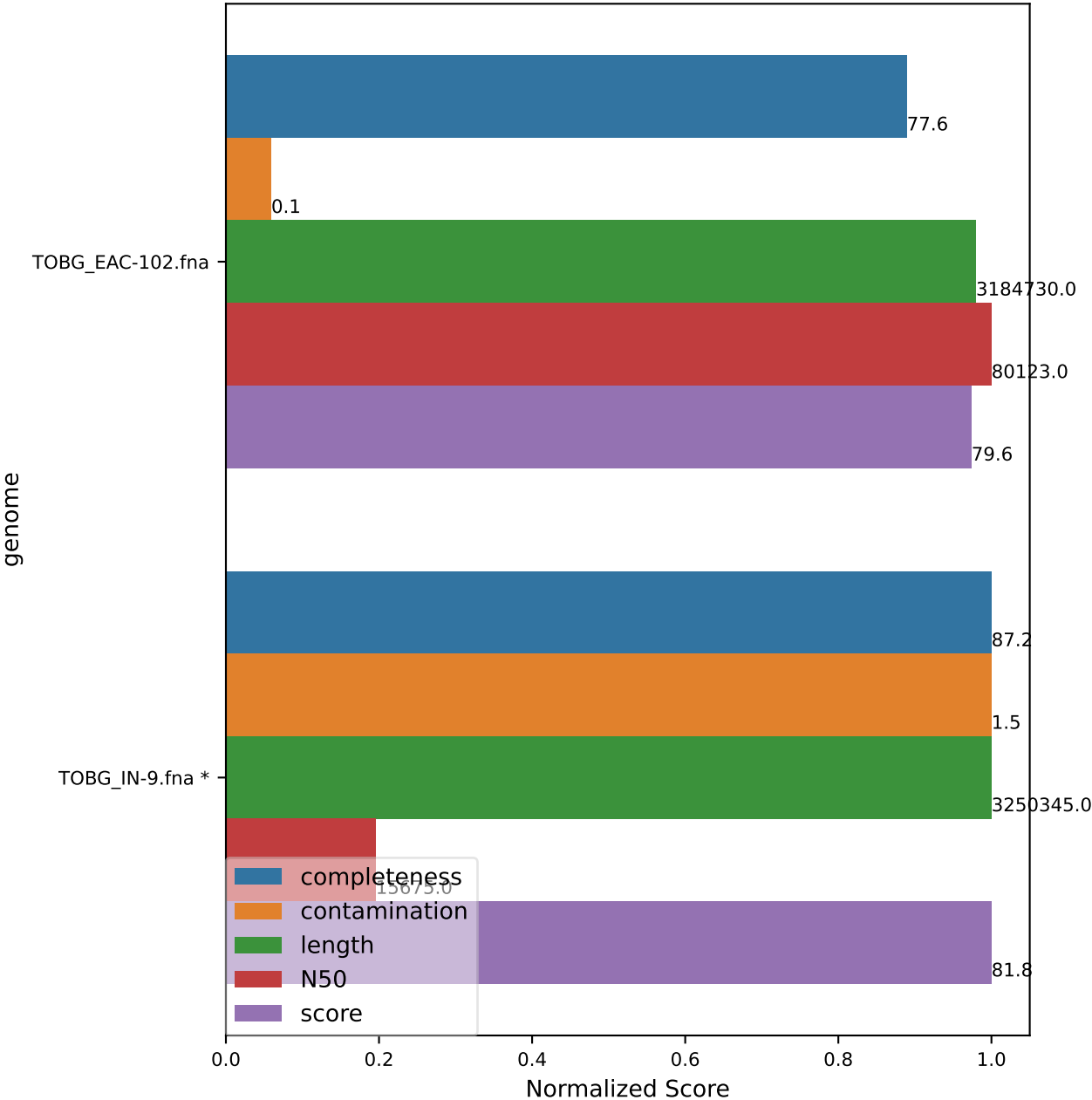
TOBG\_SP-163.fna \*



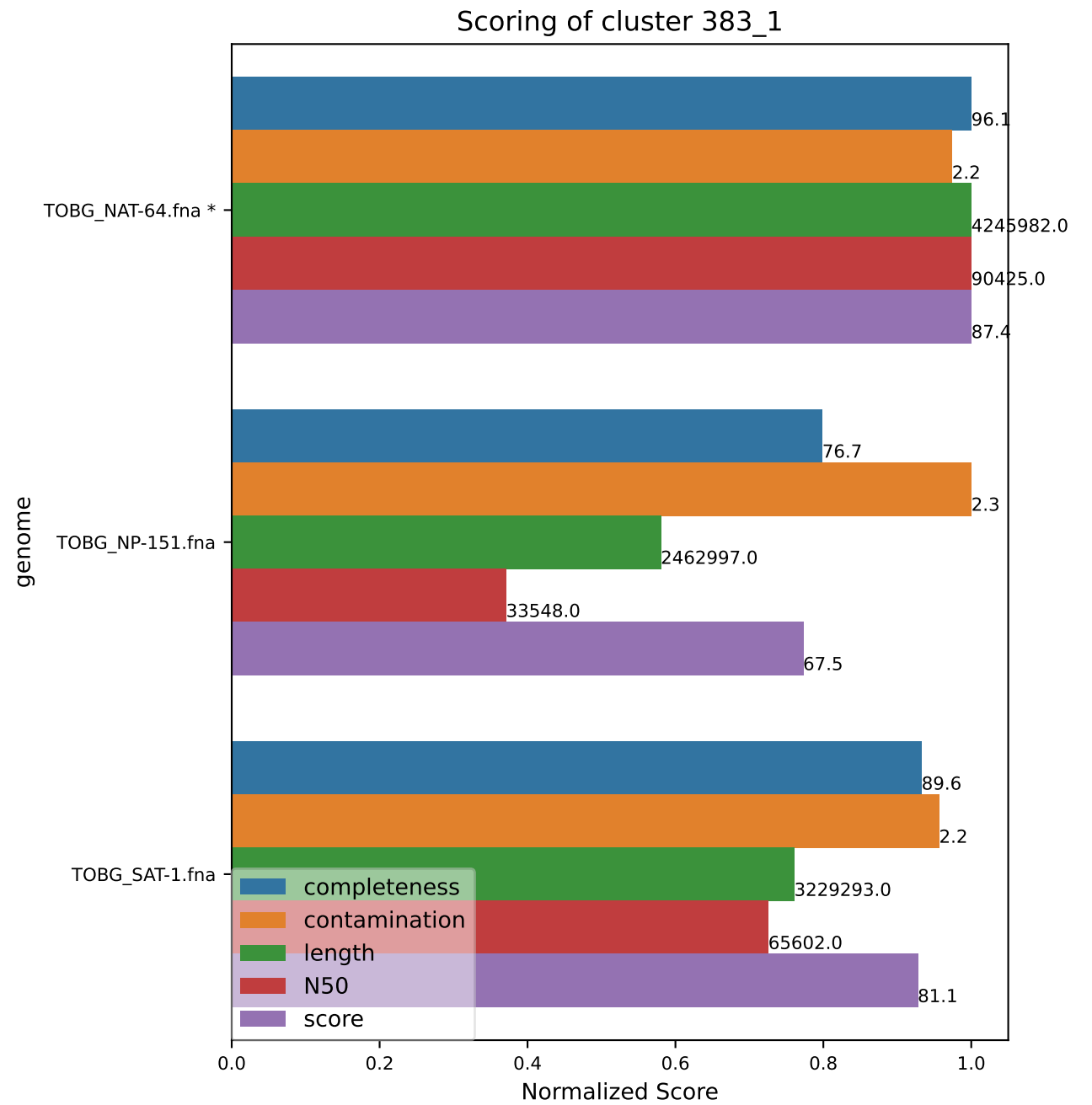
Scoring of cluster 381\_0



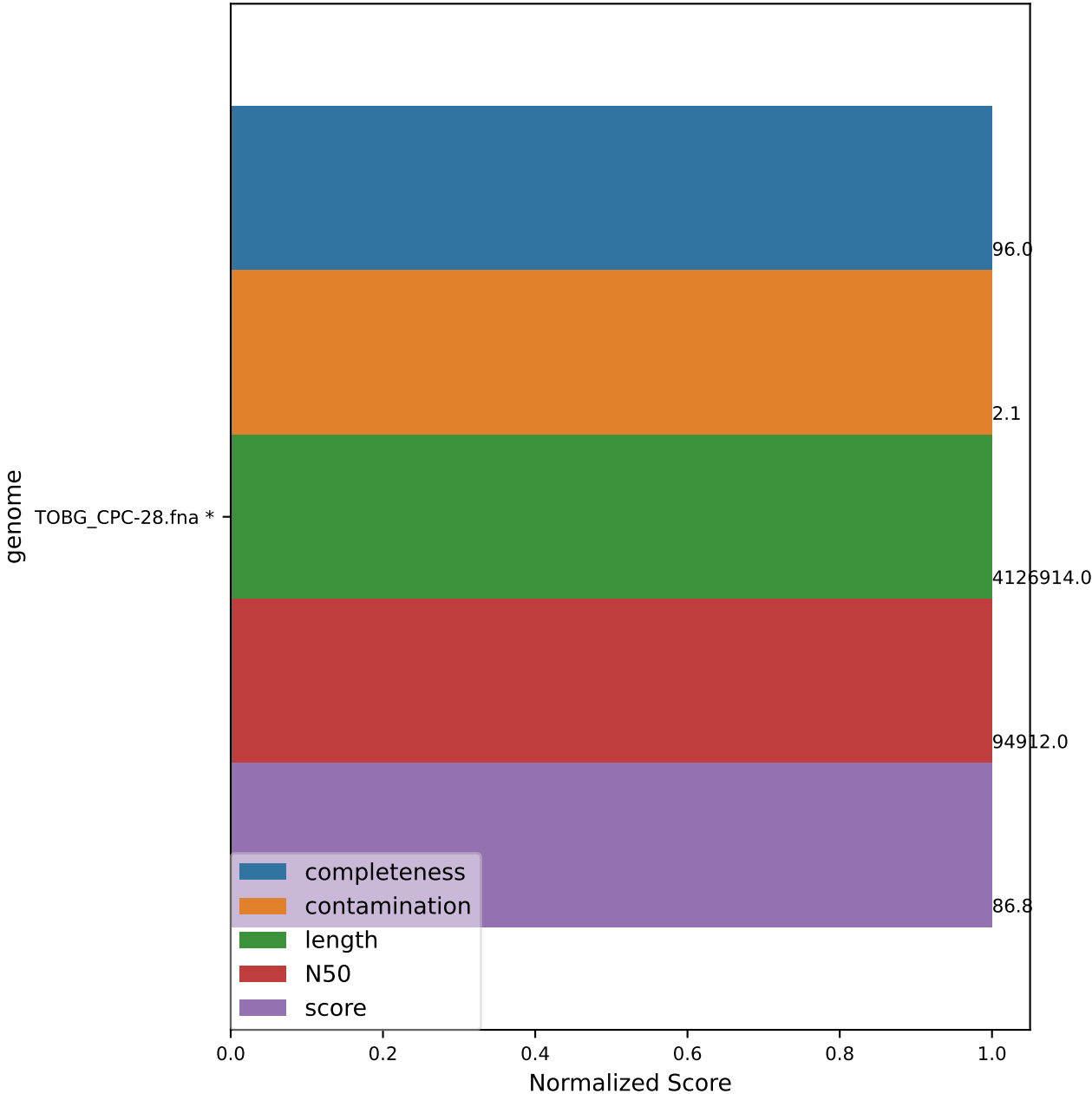
Scoring of cluster 382\_1



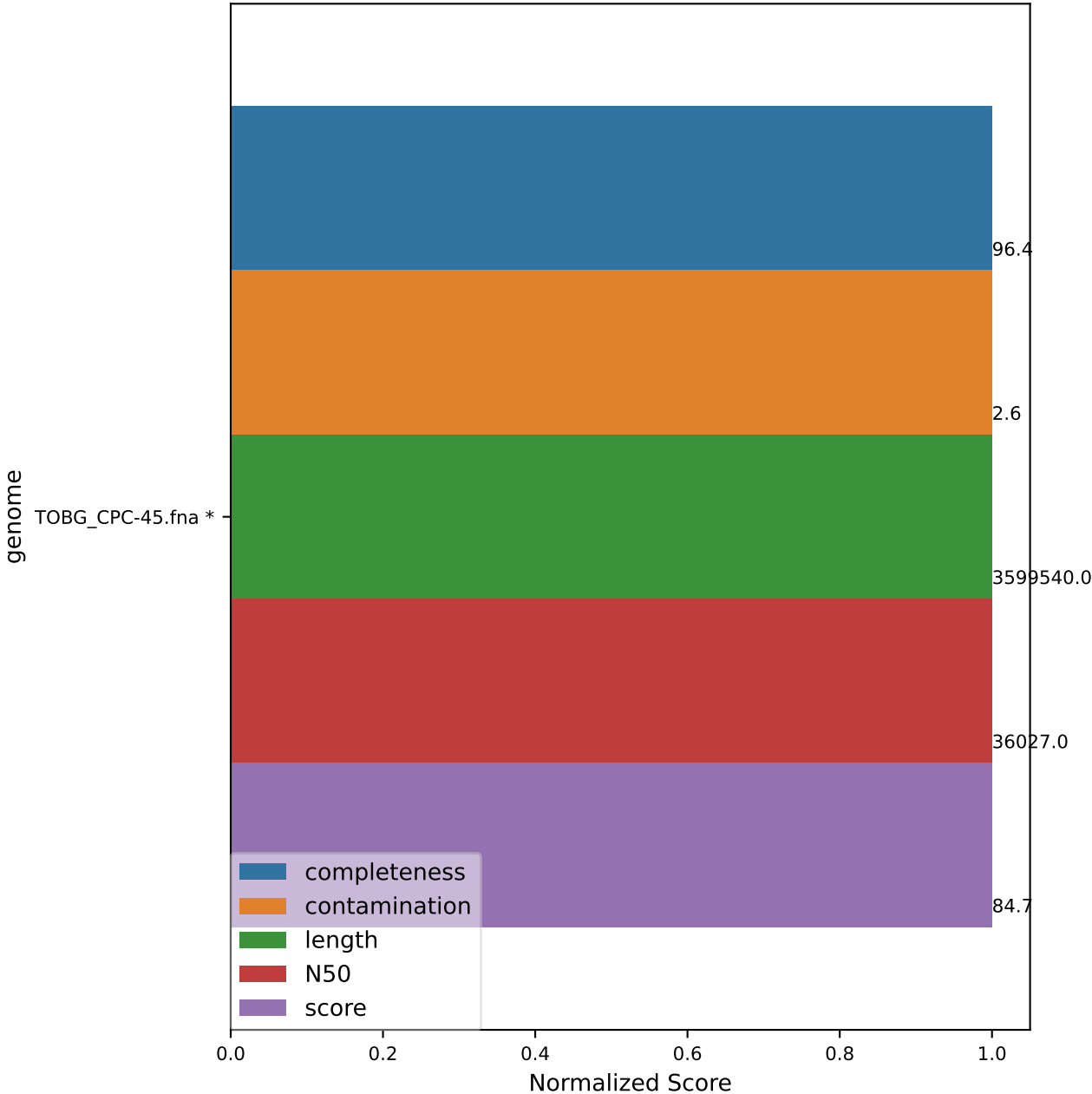




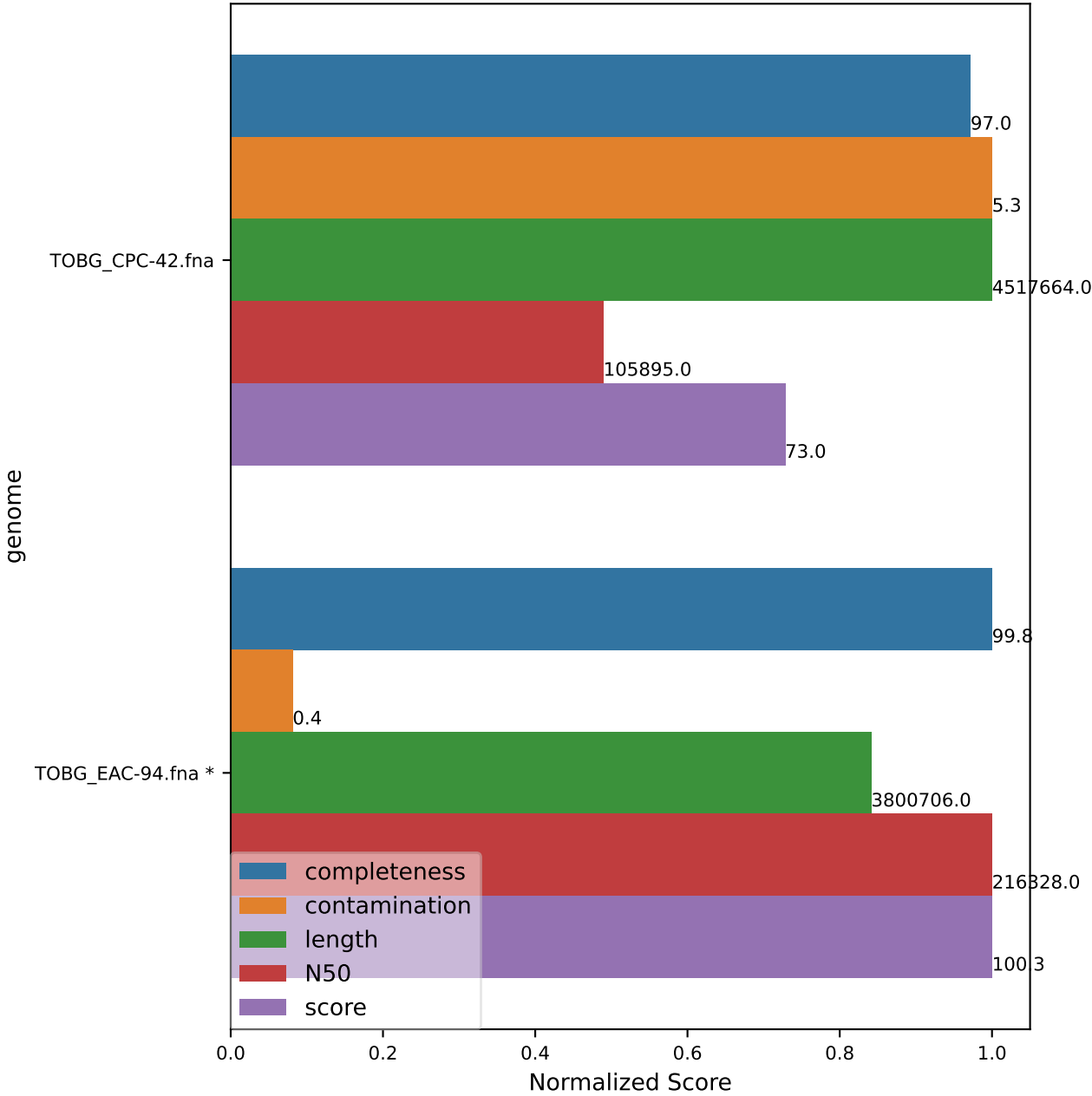
Scoring of cluster 383\_2



Scoring of cluster 384\_0



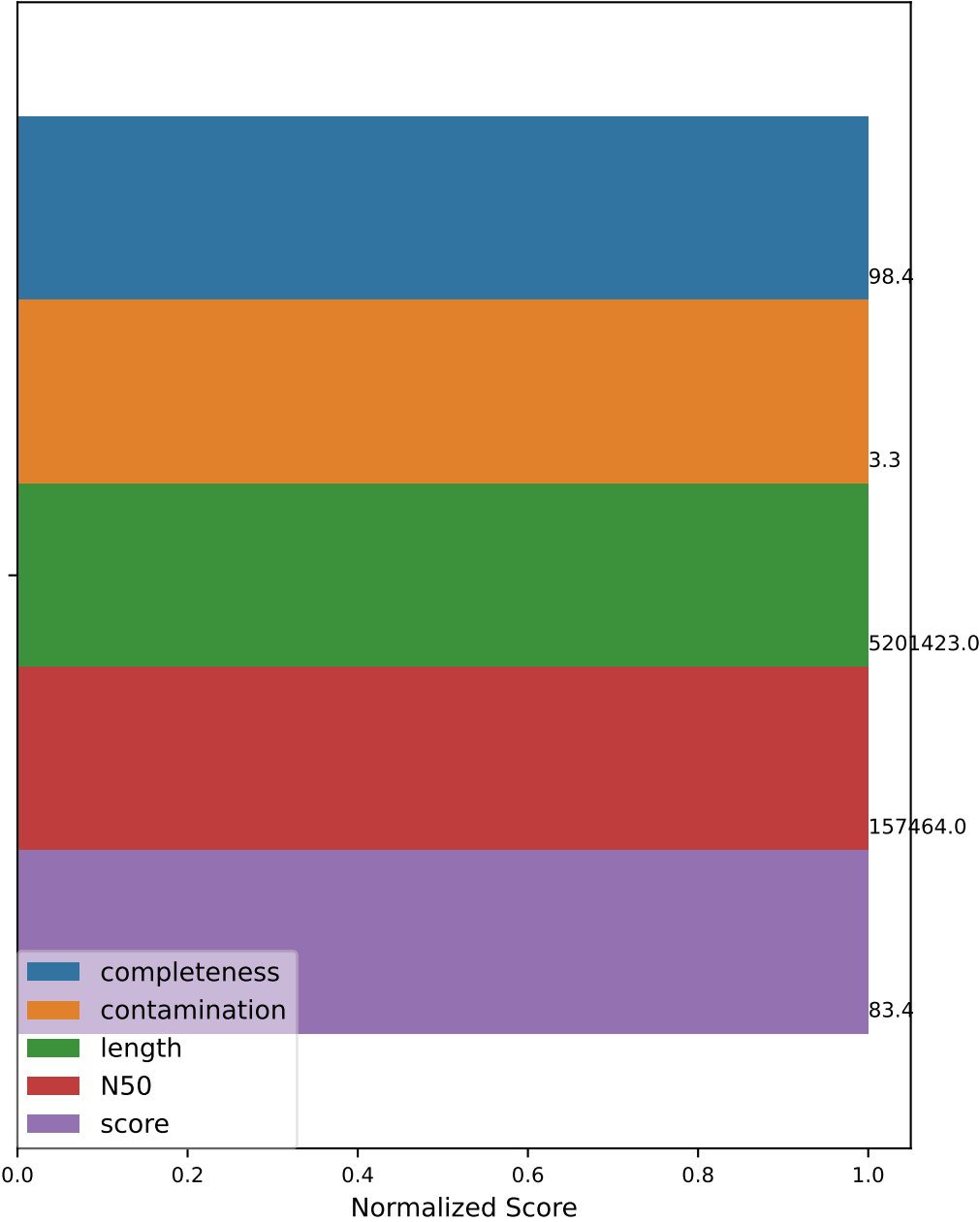
Scoring of cluster 385\_1



Scoring of cluster 386\_0

genome

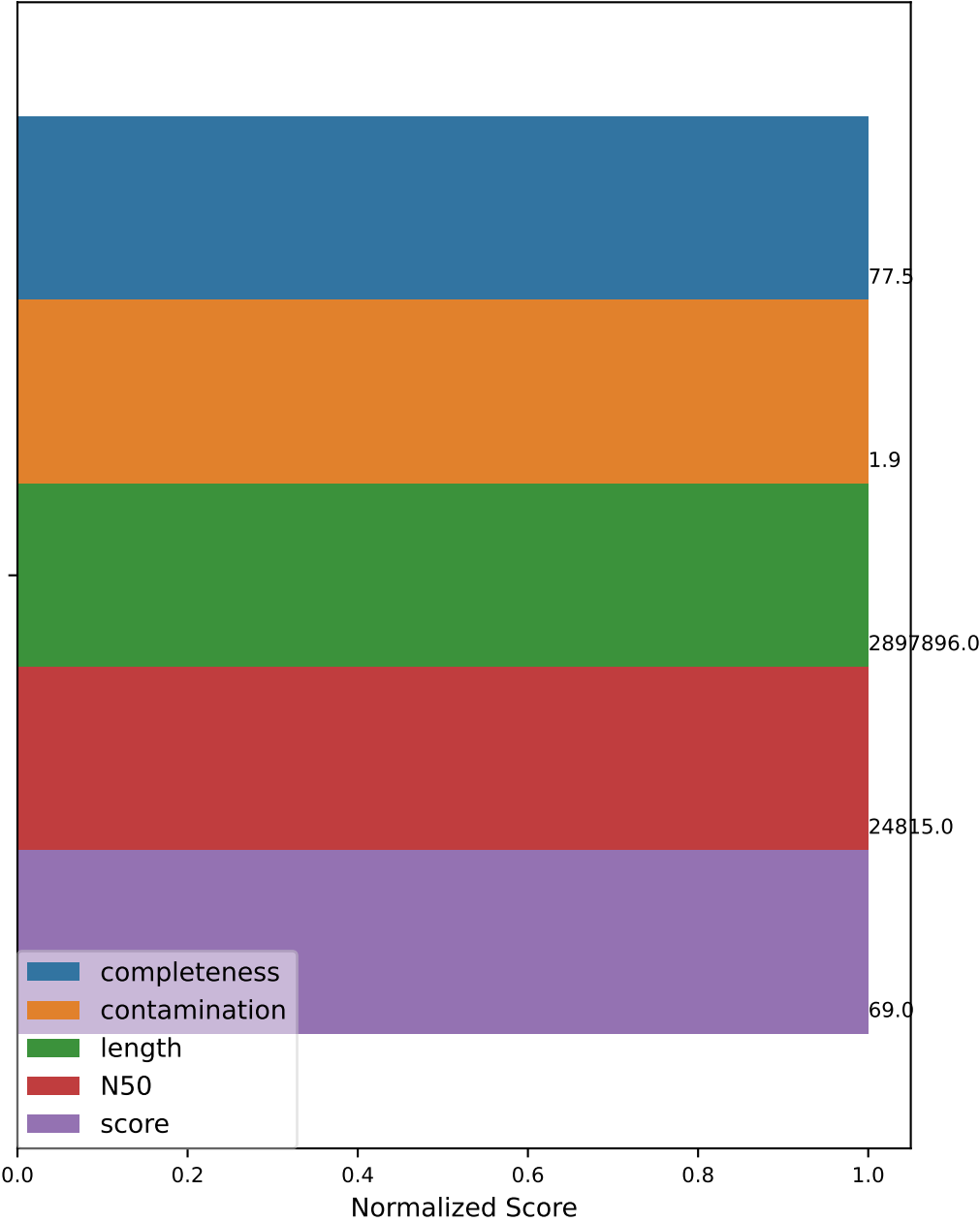
TOBG\_NAT-121.fna \*



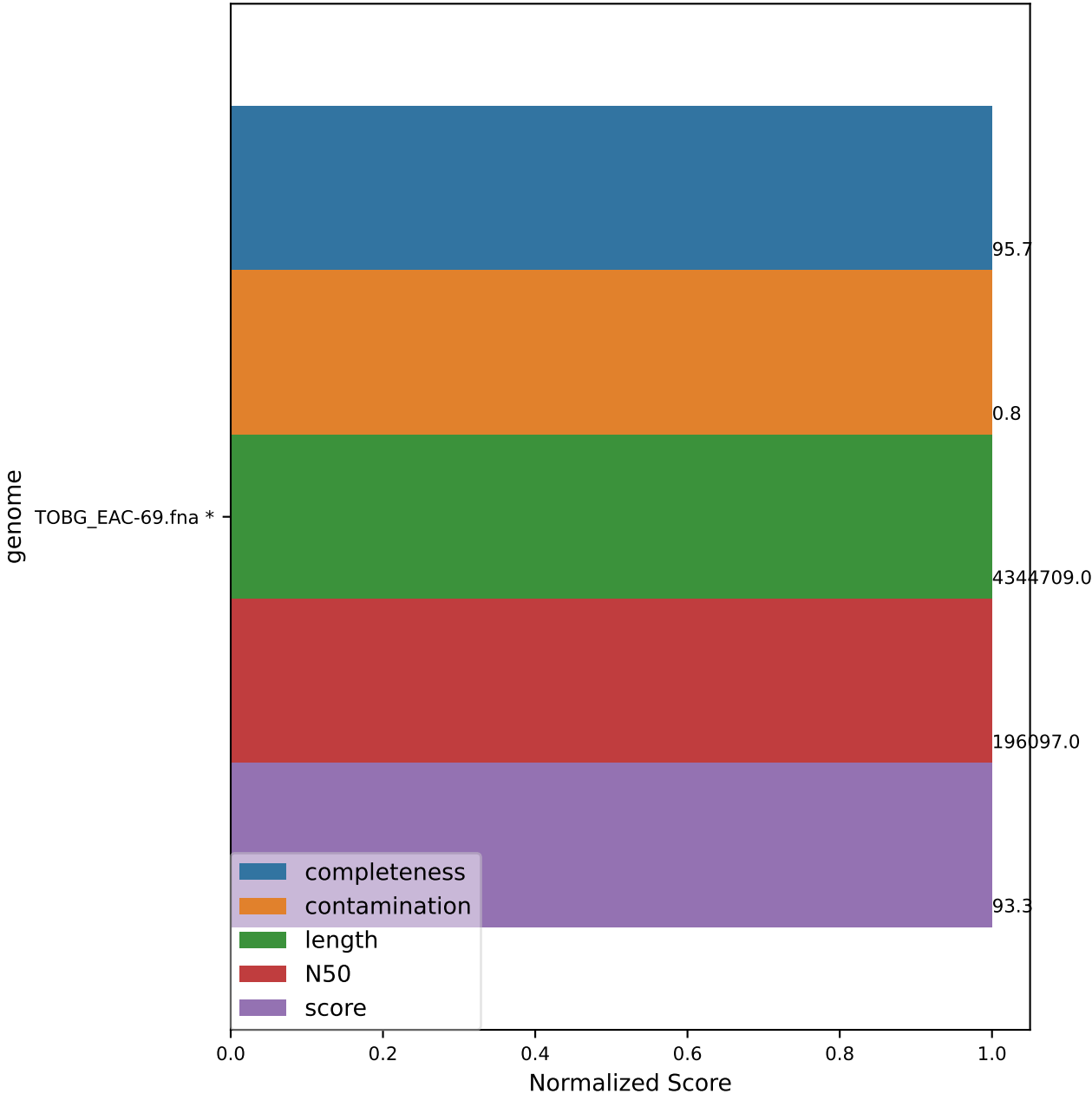
Scoring of cluster 387\_0

genome

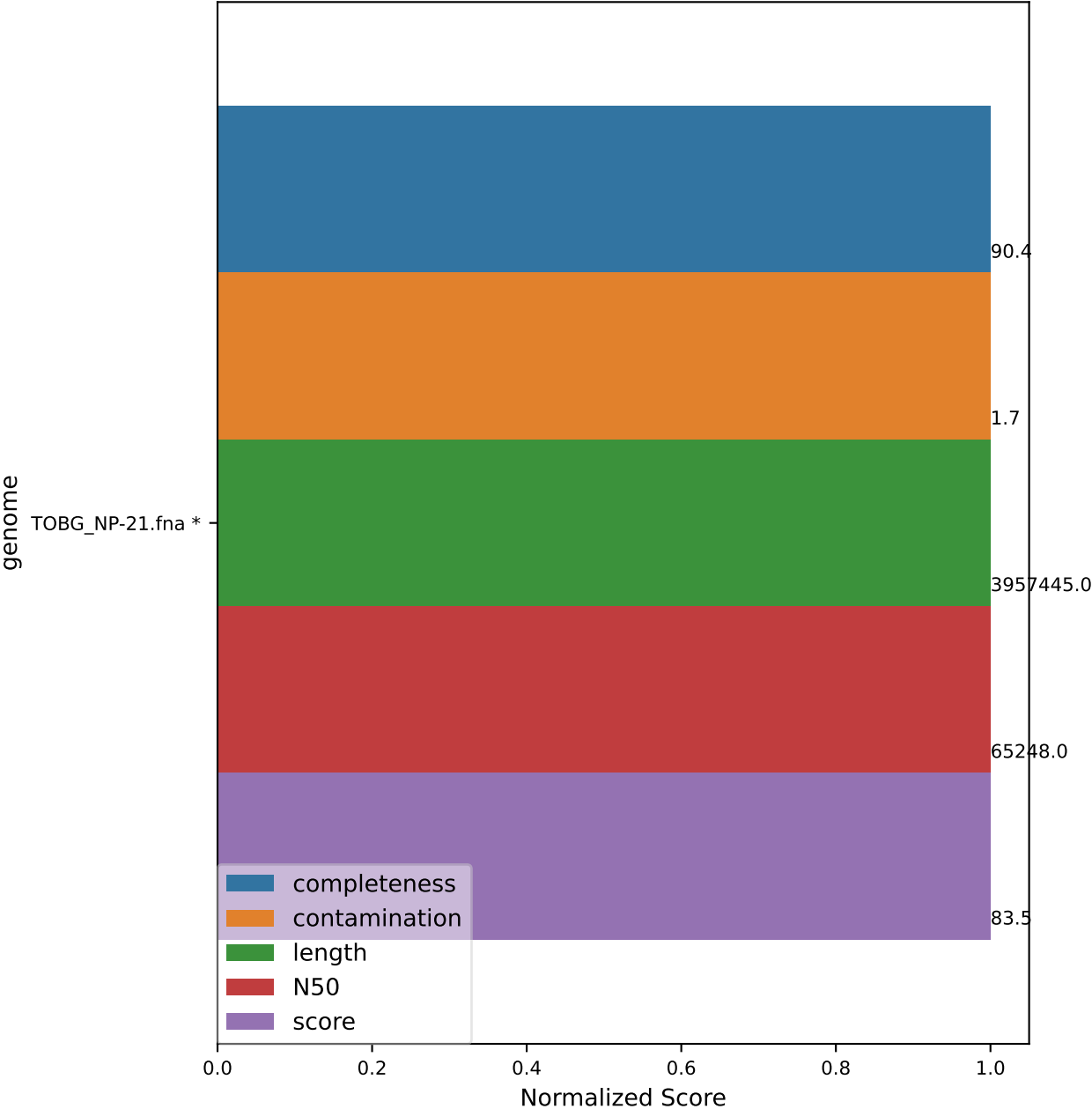
TOBG\_NAT-125.fna \*



Scoring of cluster 388\_0



Scoring of cluster 389\_0

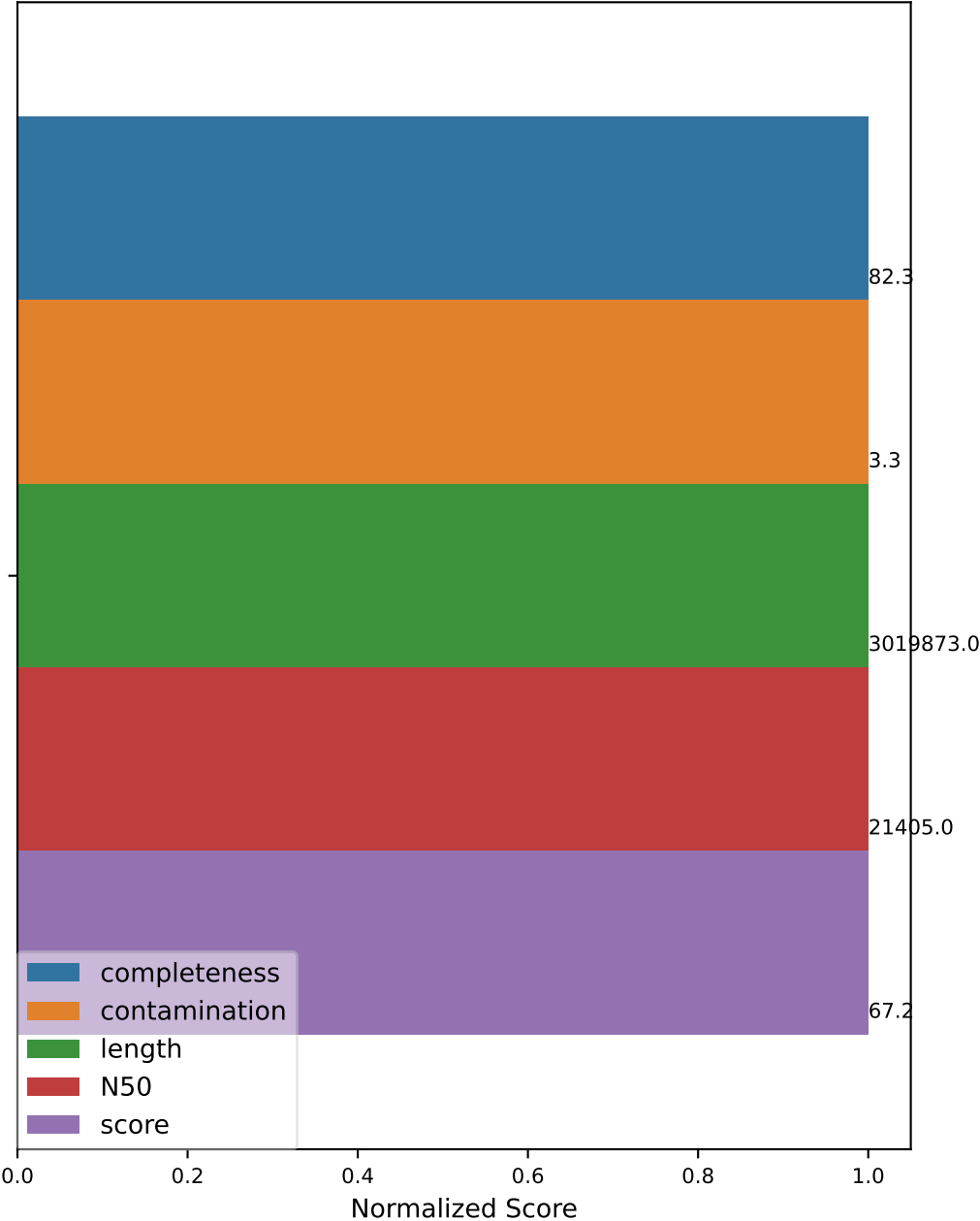




Scoring of cluster 390\_0

genome

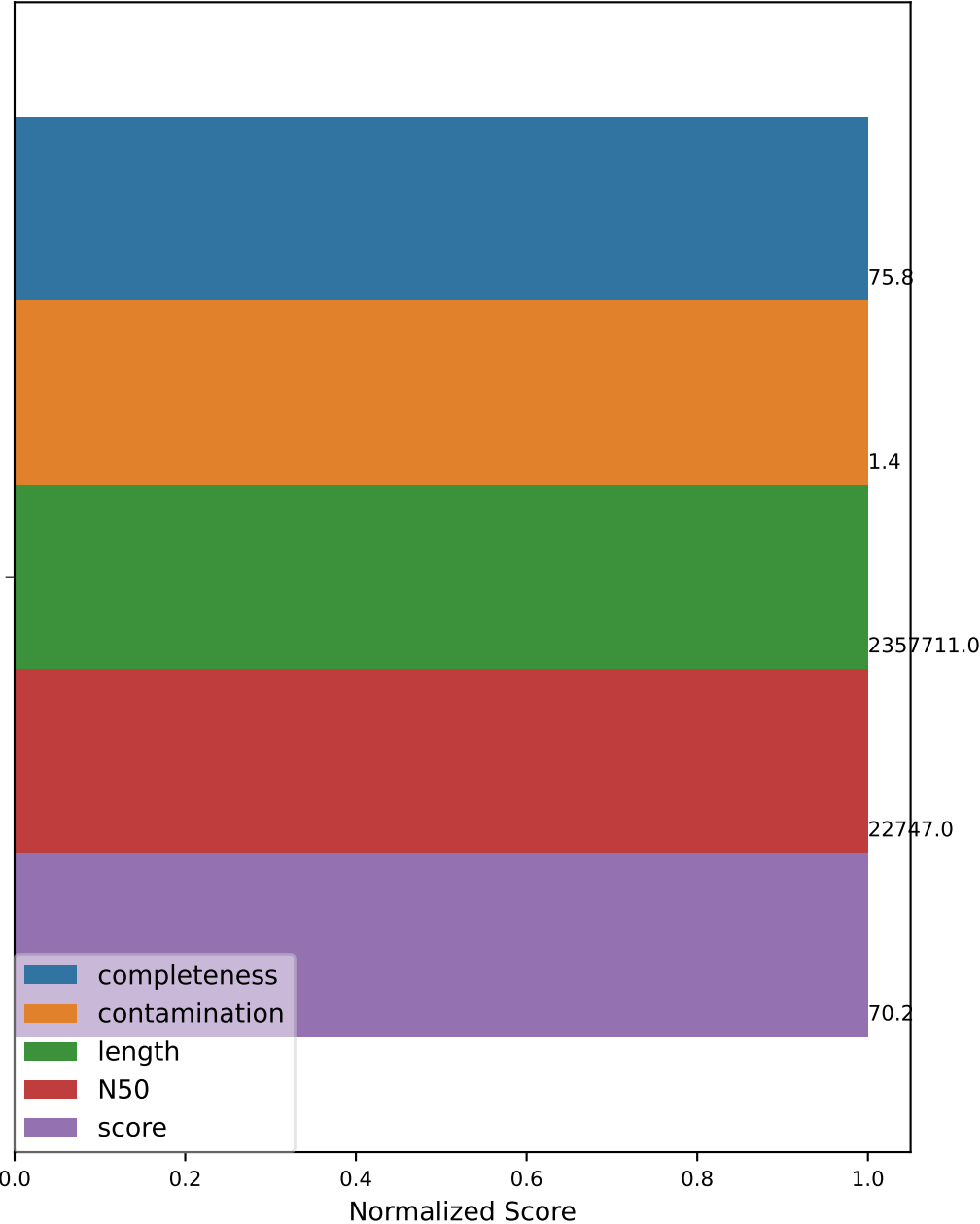
TOBG\_NP-59.fna \*



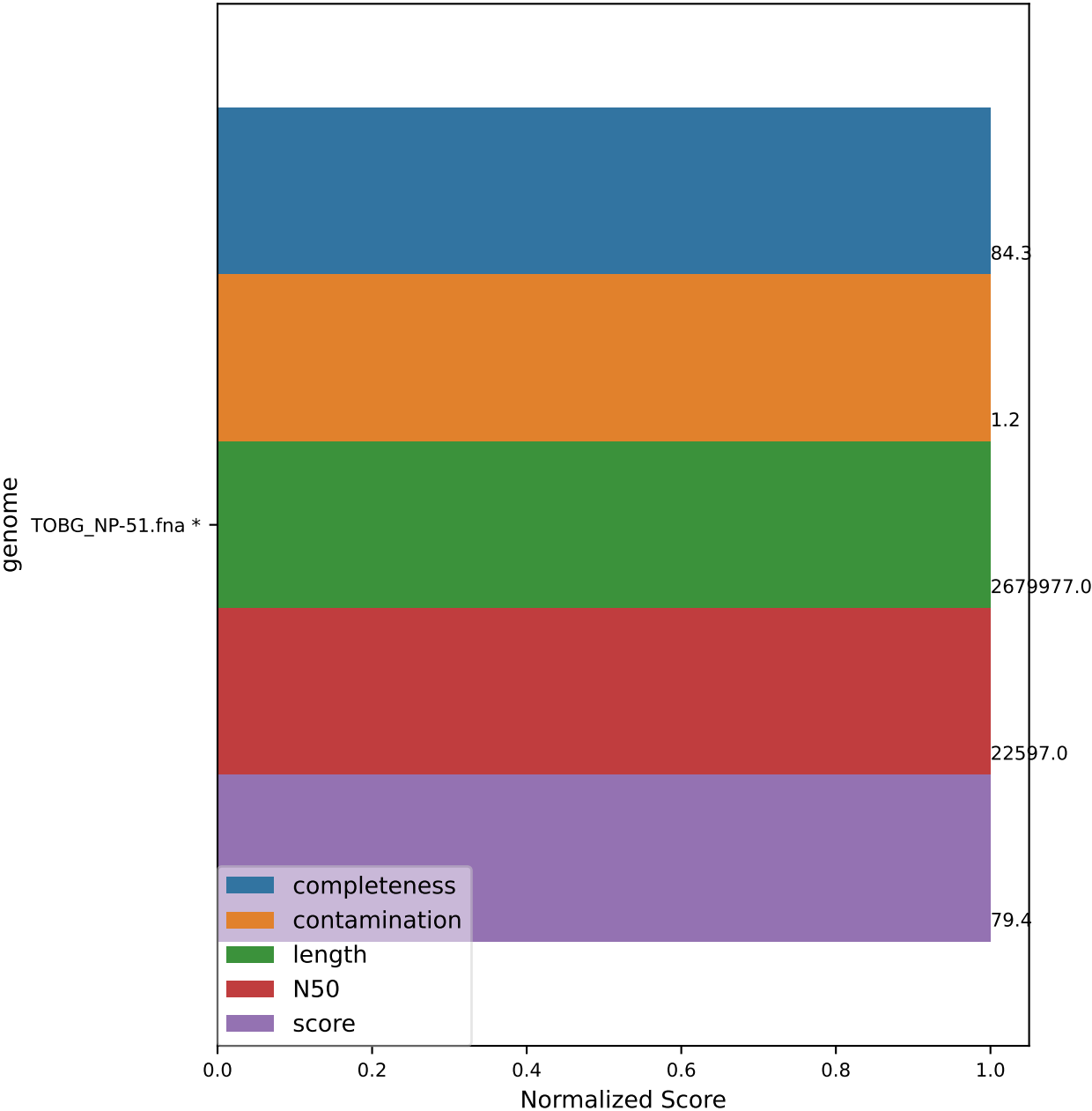
Scoring of cluster 391\_1

genome

TOBG\_MED-581.fna \*



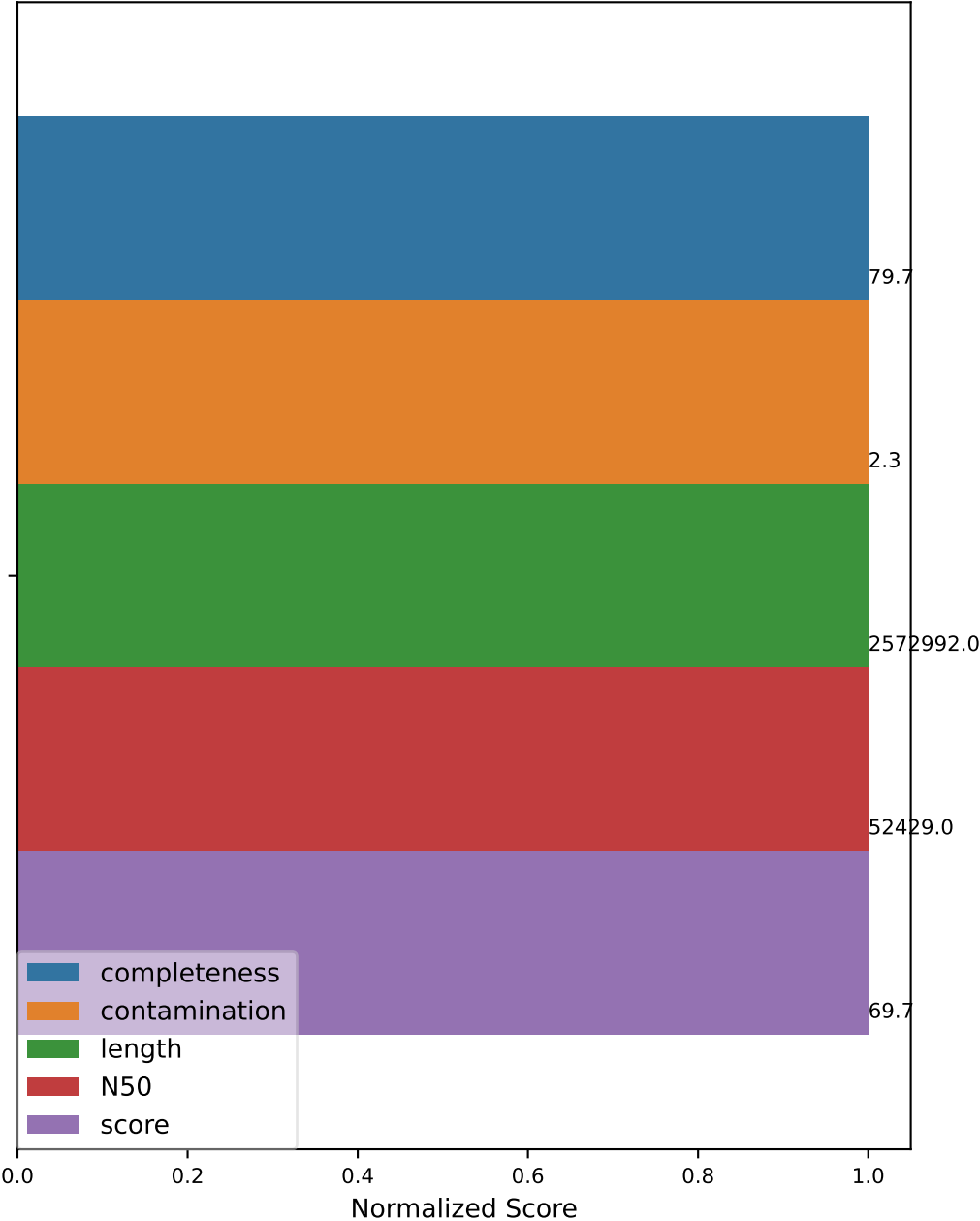
Scoring of cluster 391\_2



Scoring of cluster 392\_0

genome

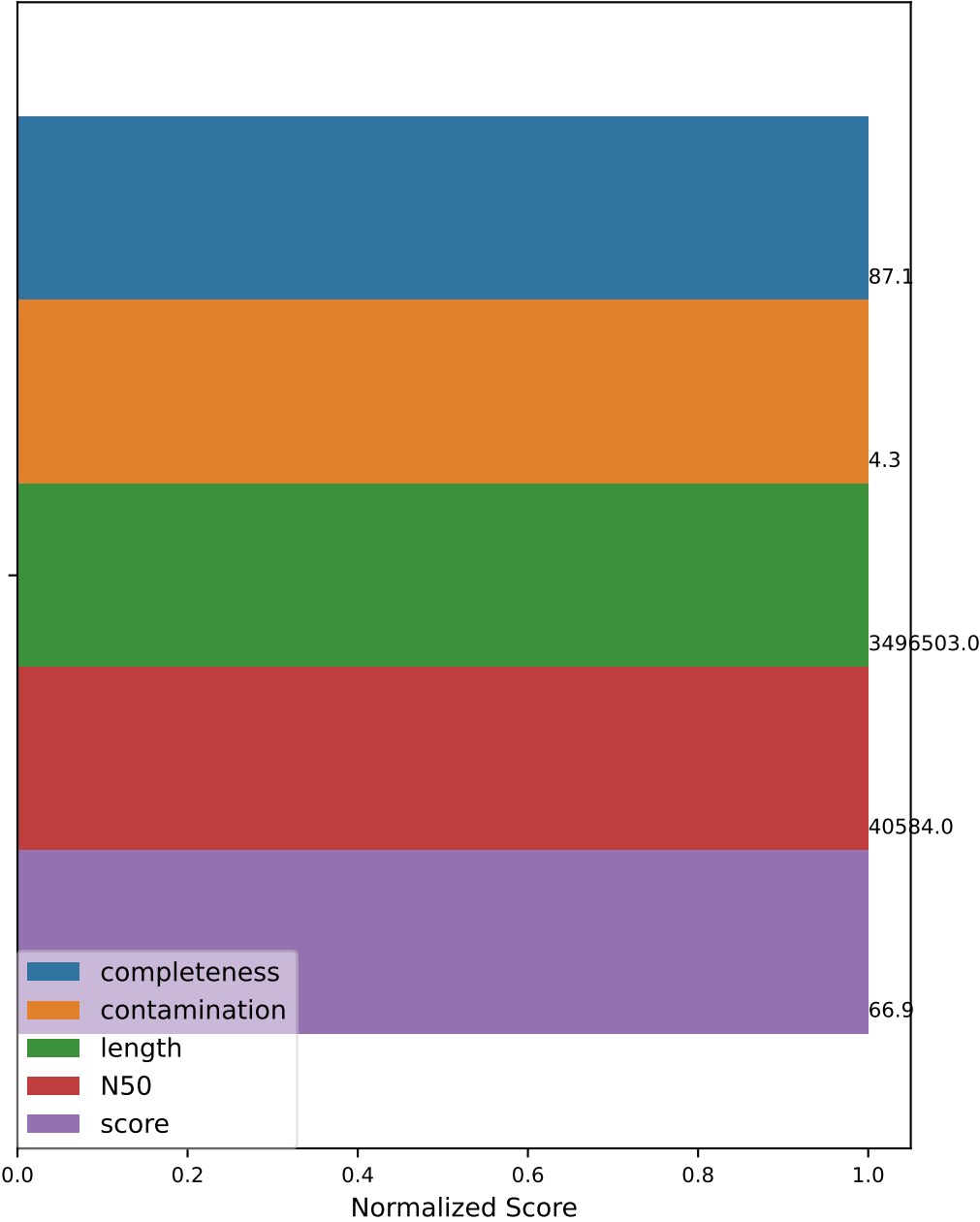
TOBG\_SP-3023.fna \*



Scoring of cluster 393\_0

genome

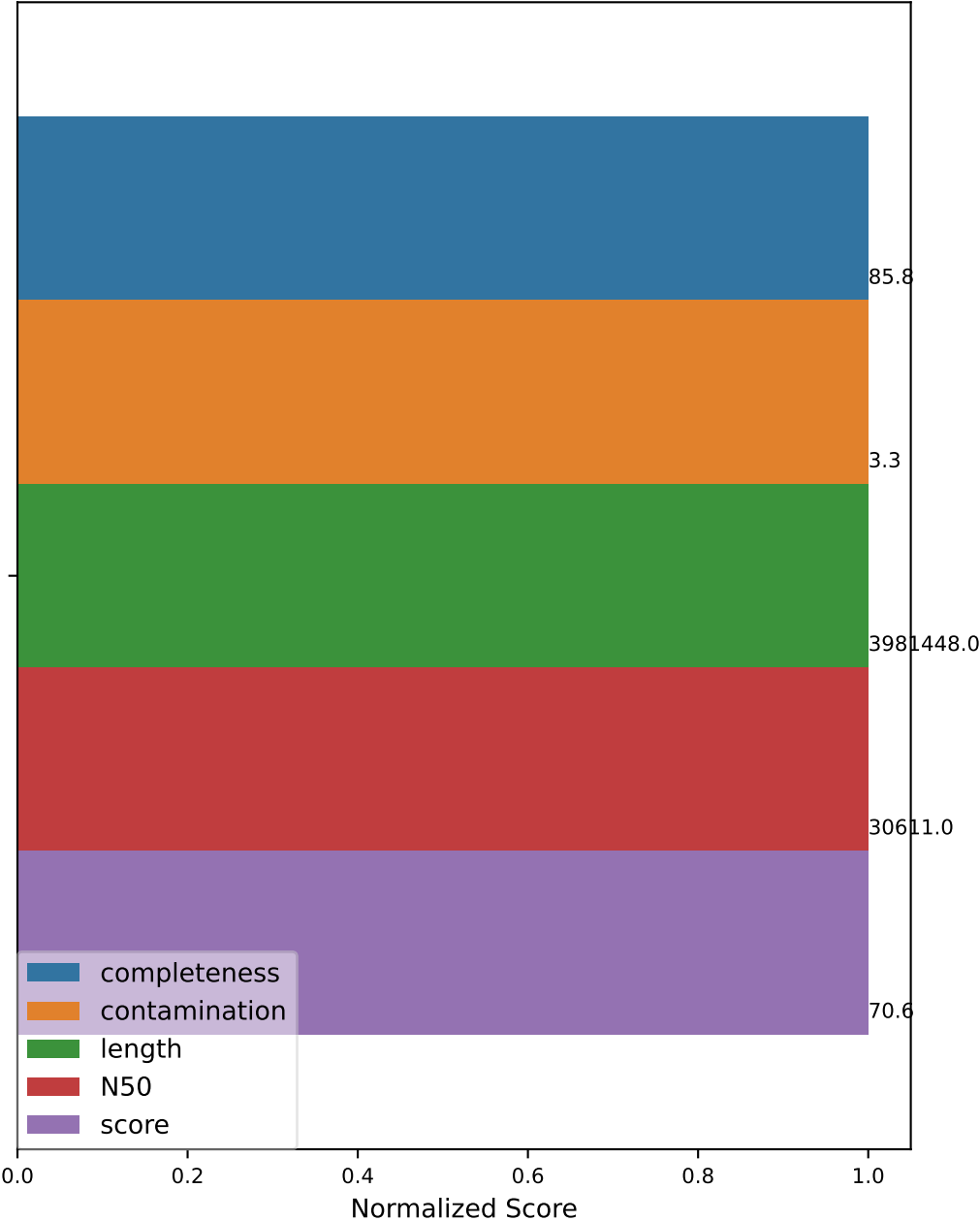
TOBG\_CPC-27.fna \*



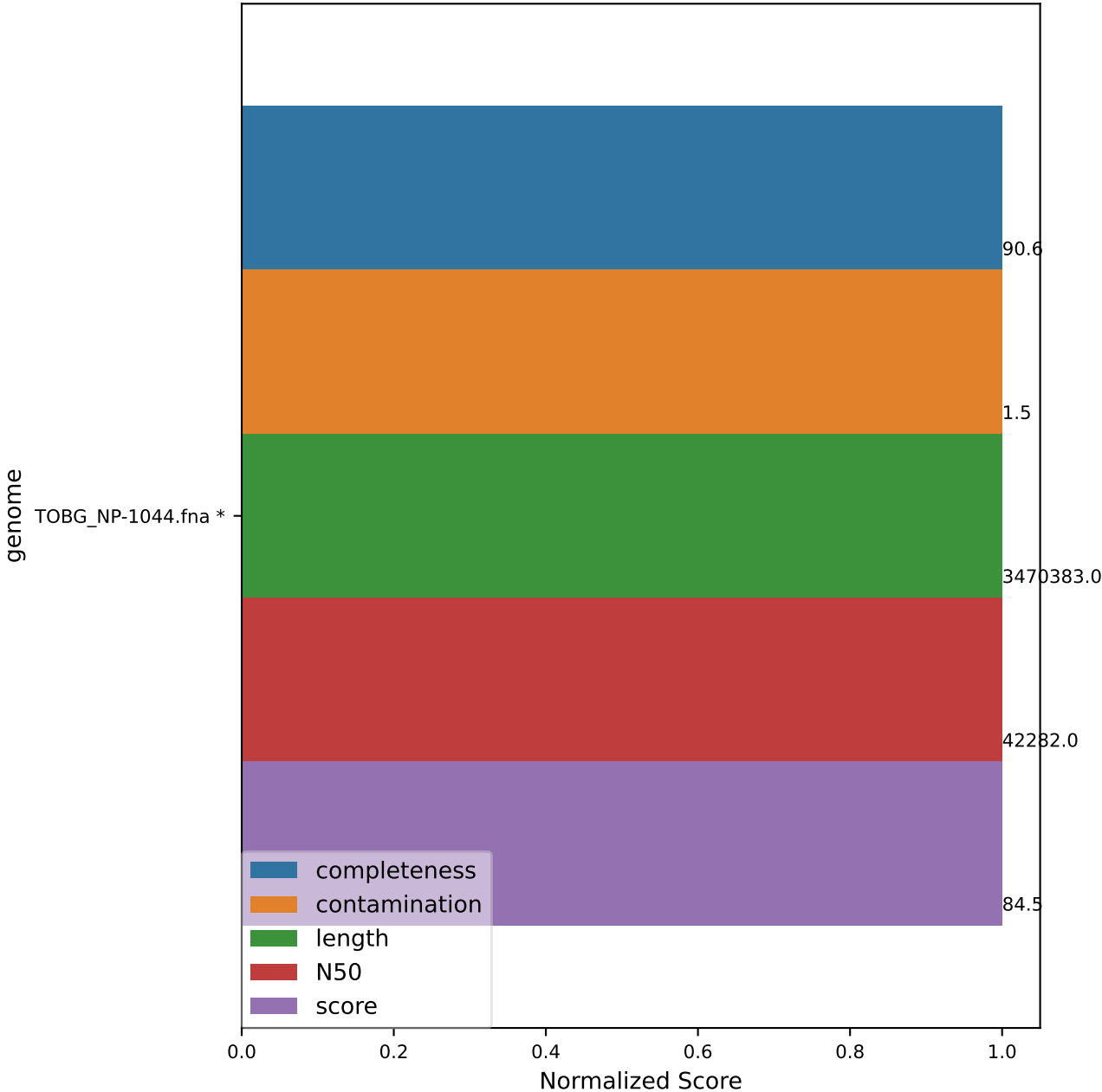
Scoring of cluster 394\_0

genome

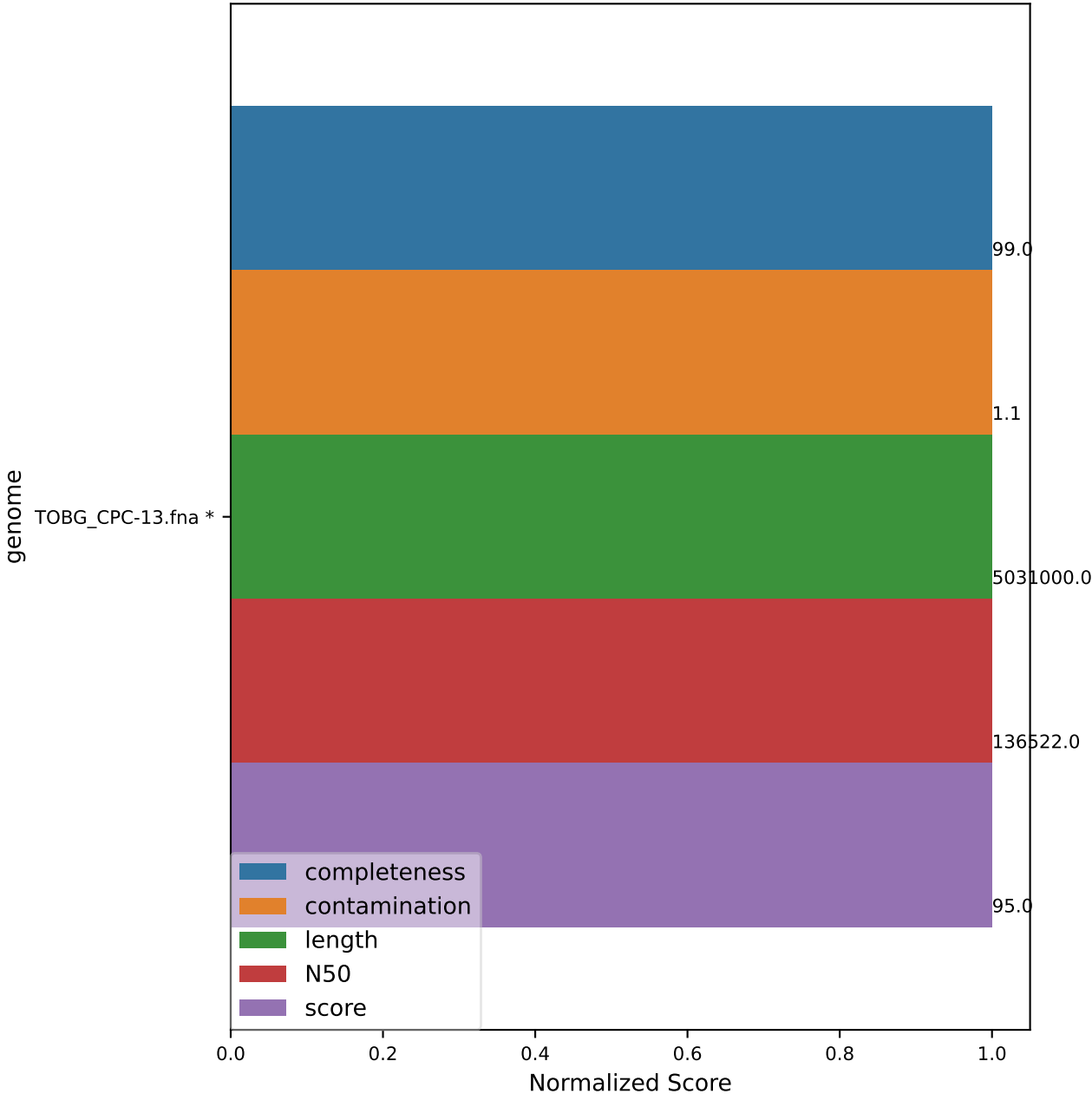
TOBG\_NAT-84.fna \*



Scoring of cluster 395\_0



Scoring of cluster 396\_0

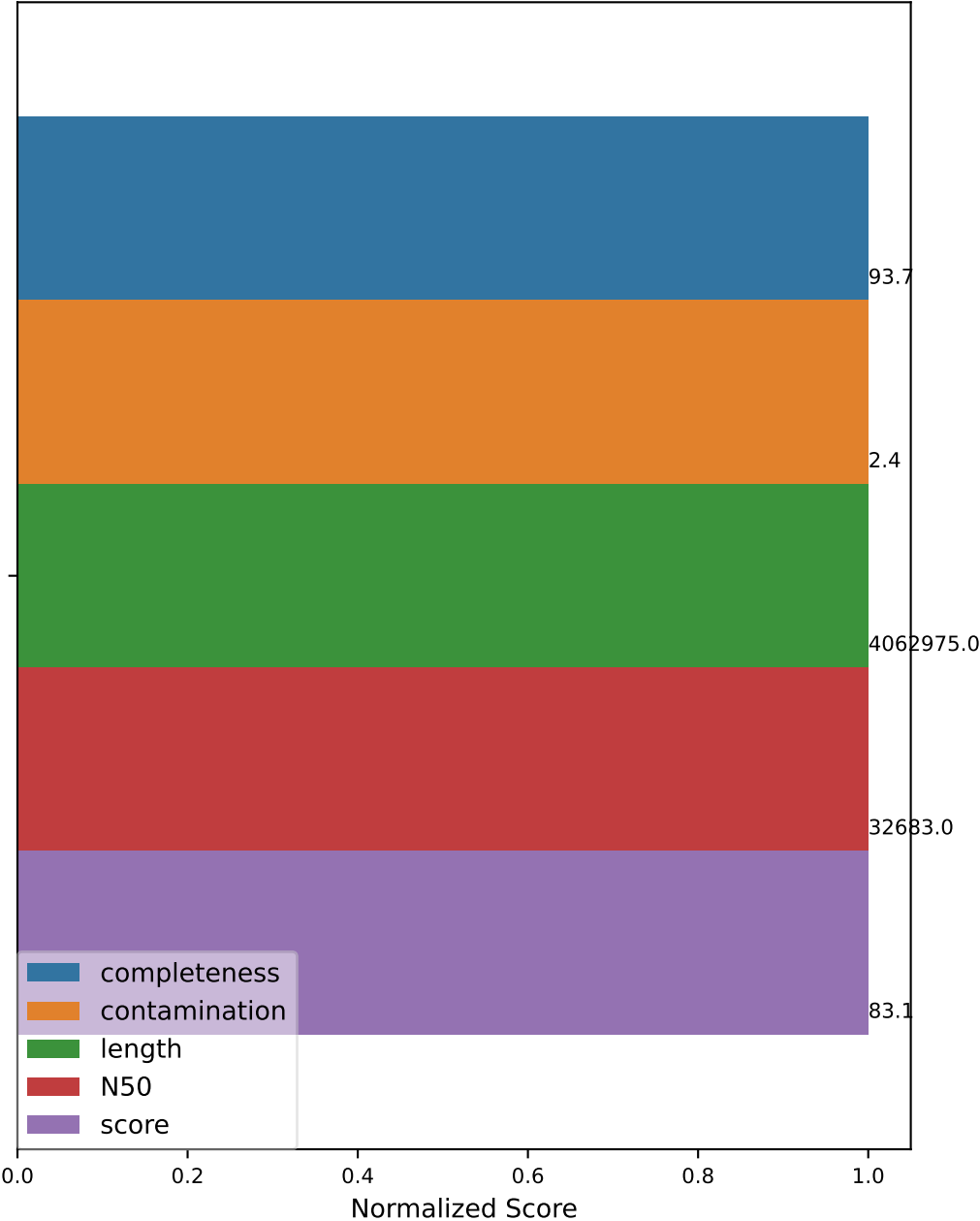




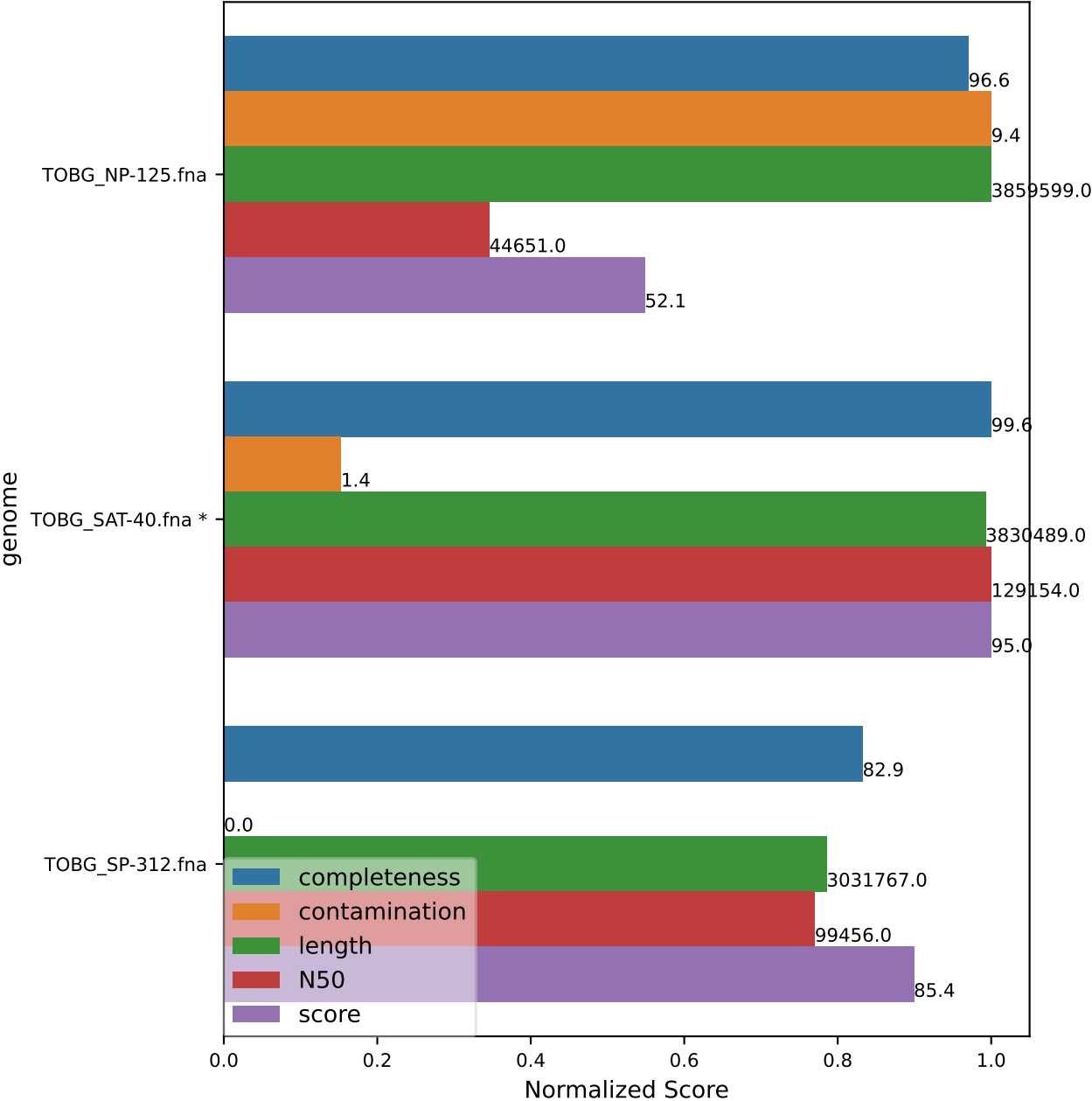
Scoring of cluster 397\_0

genome

TOBG\_CPC-6.fna \*



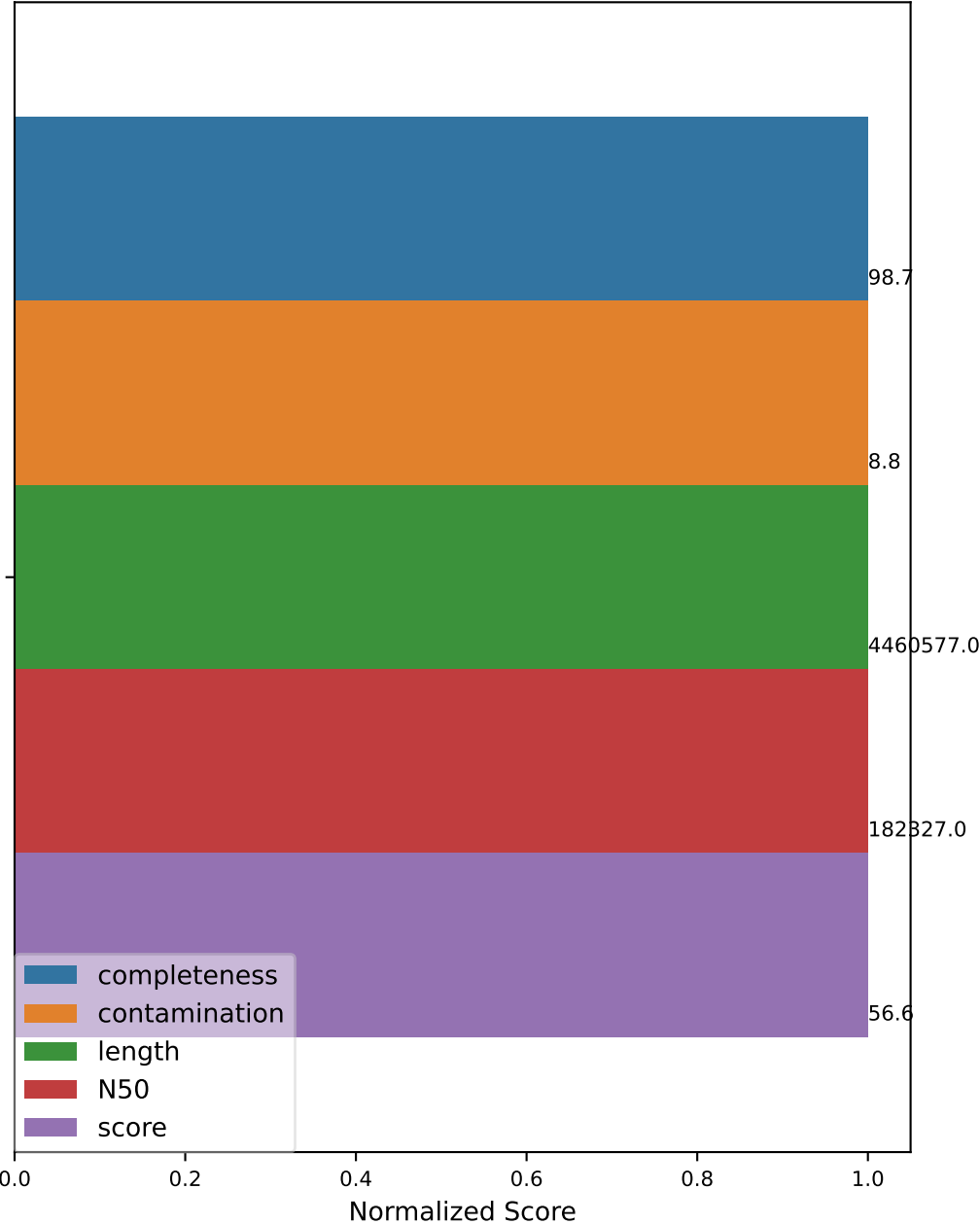
Scoring of cluster 398\_1



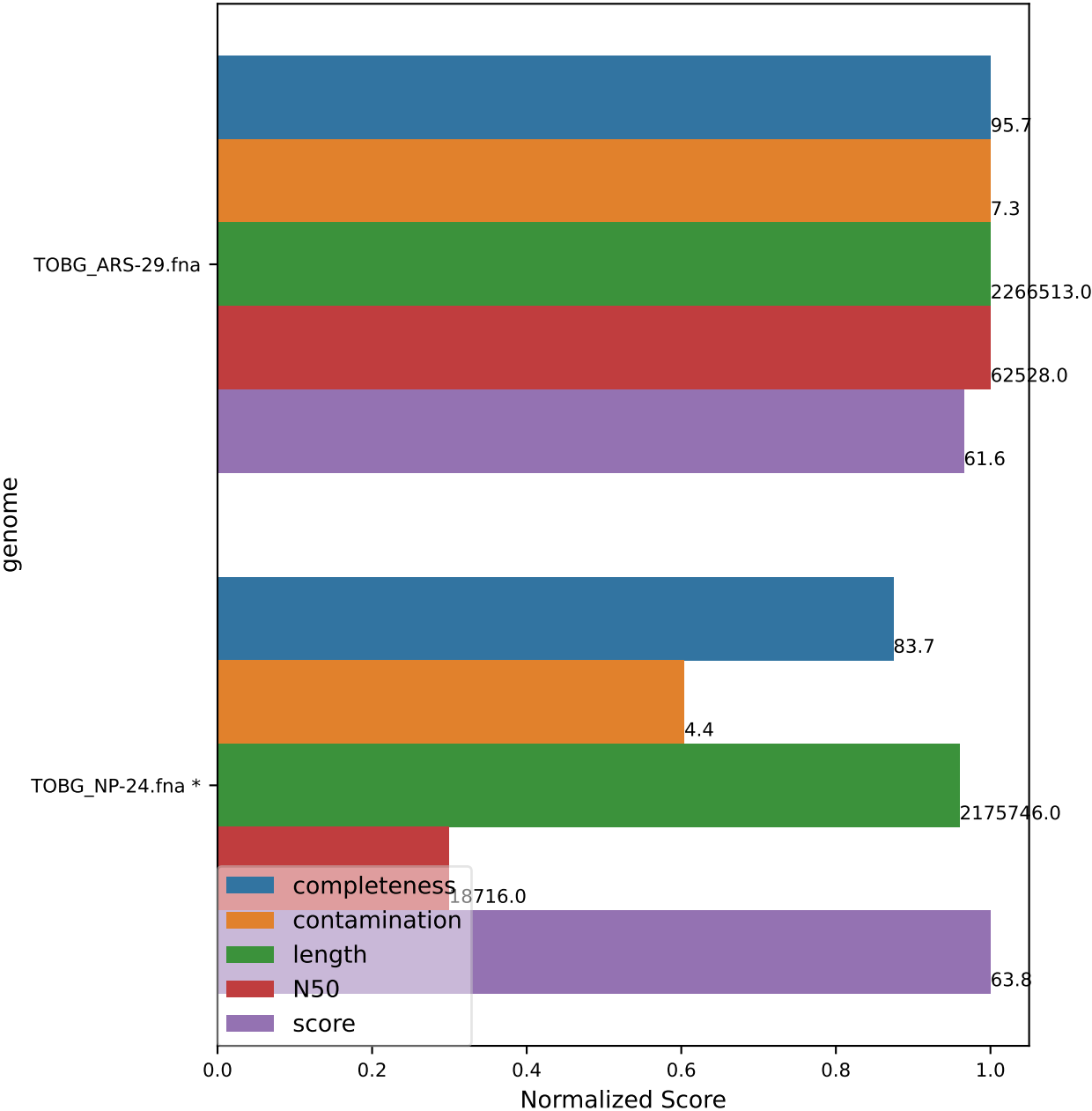
Scoring of cluster 399\_0

genome

TOBG\_SP-181.fna \*



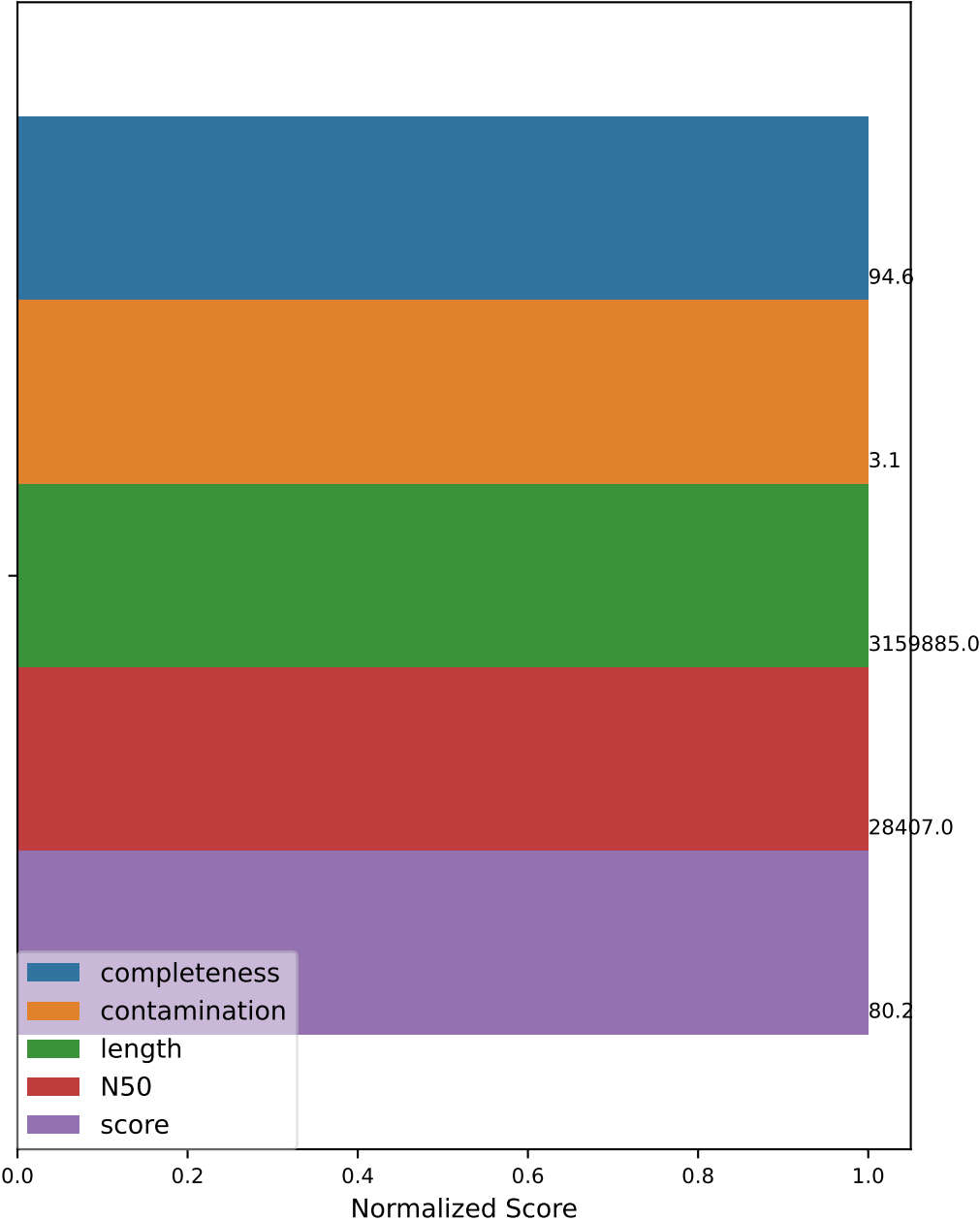
Scoring of cluster 400\_1



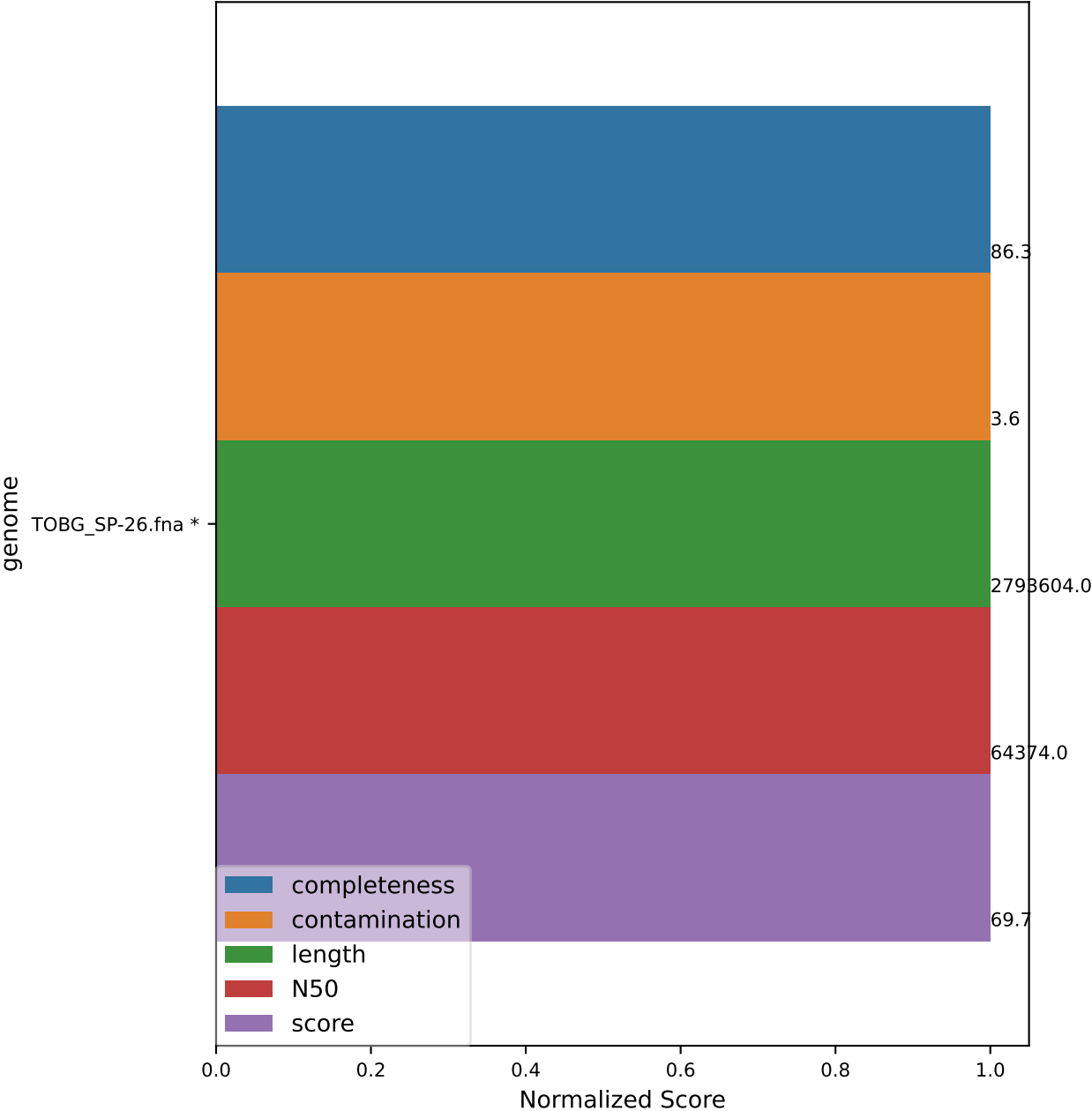
Scoring of cluster 401\_0

genome

TOBG\_ARS-16.fna \*



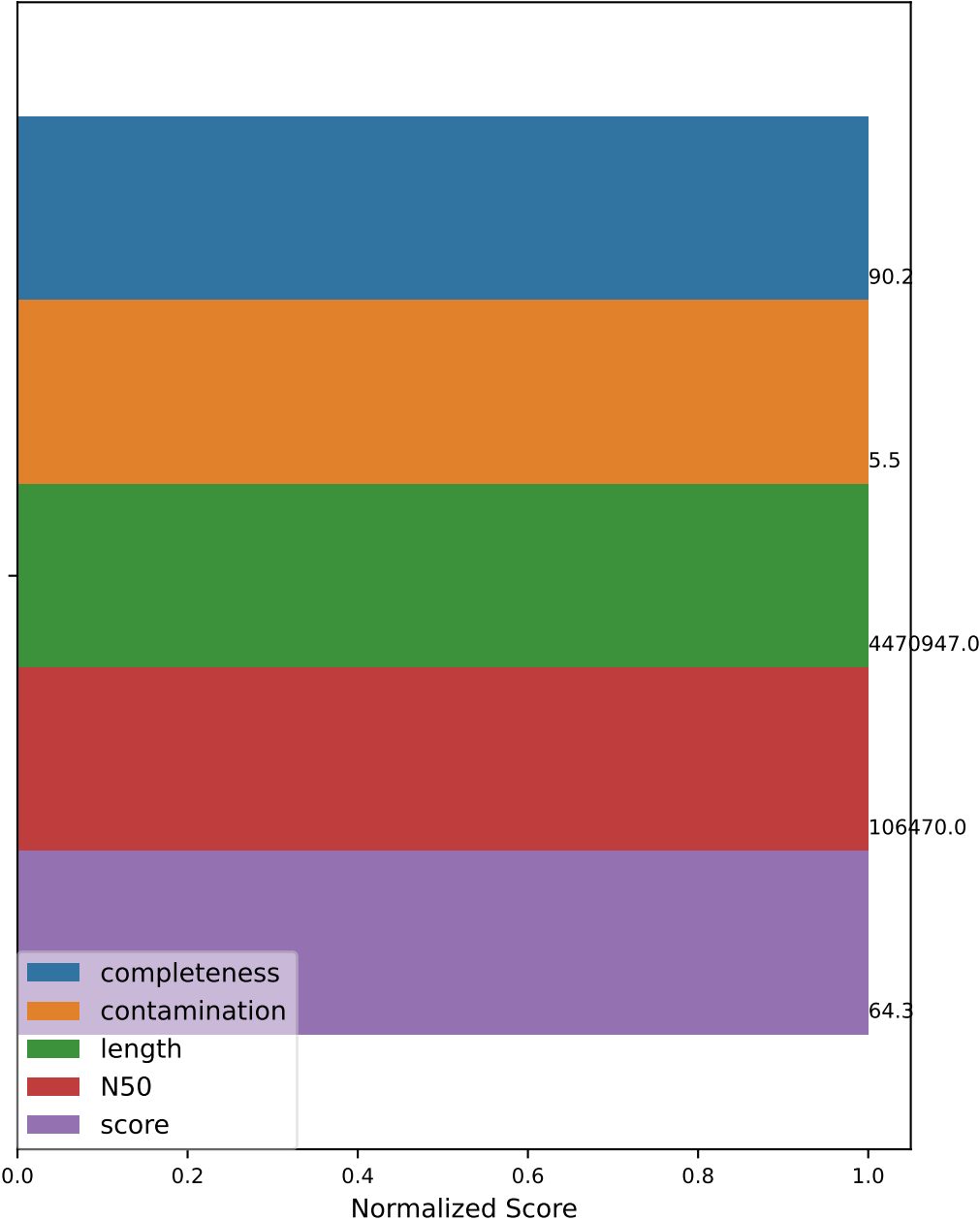
Scoring of cluster 402\_0



Scoring of cluster 403\_0

genome

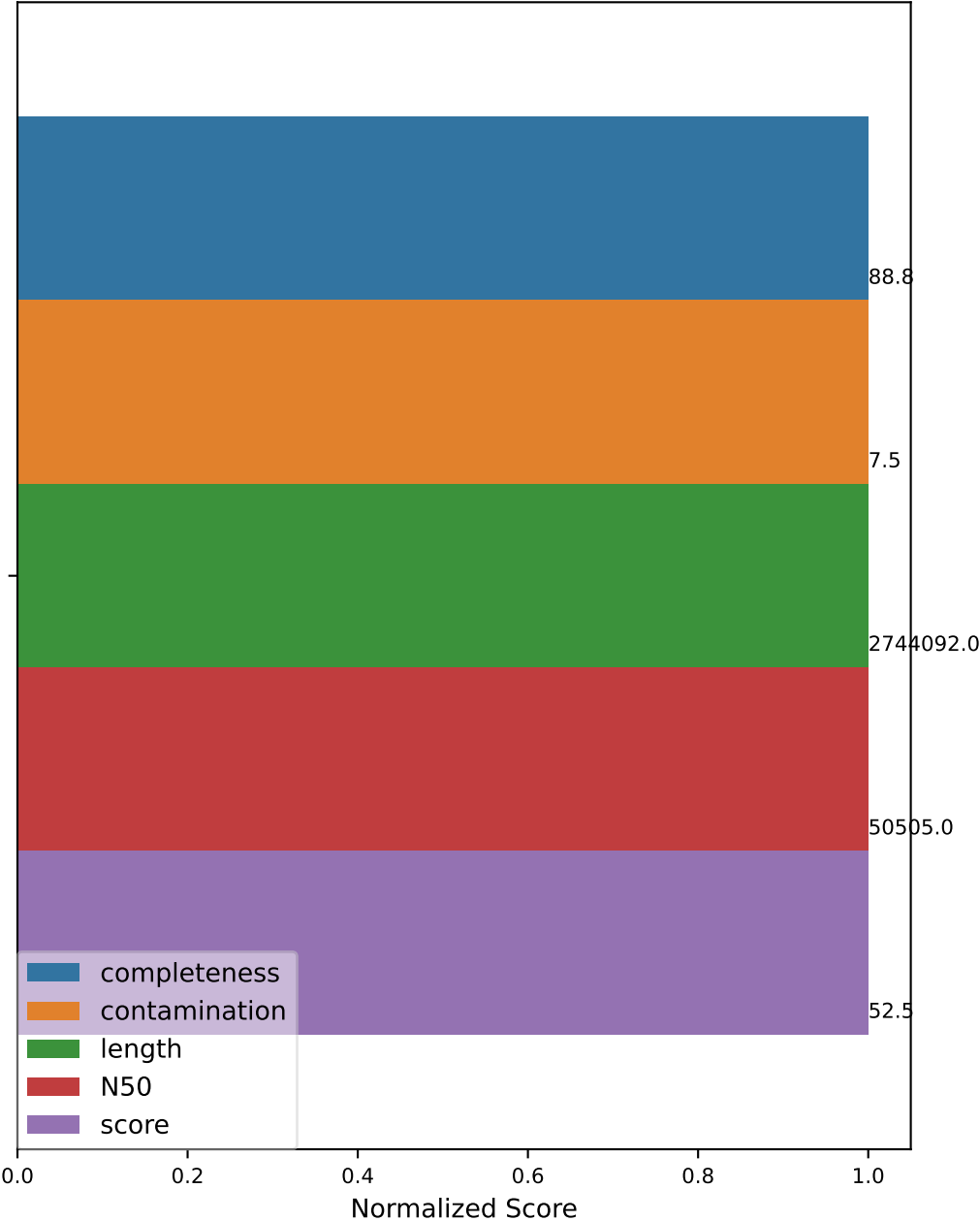
TOBG\_SP-3037.fna \*



Scoring of cluster 404\_1

genome

TOBG\_SAT-1609.fna \*

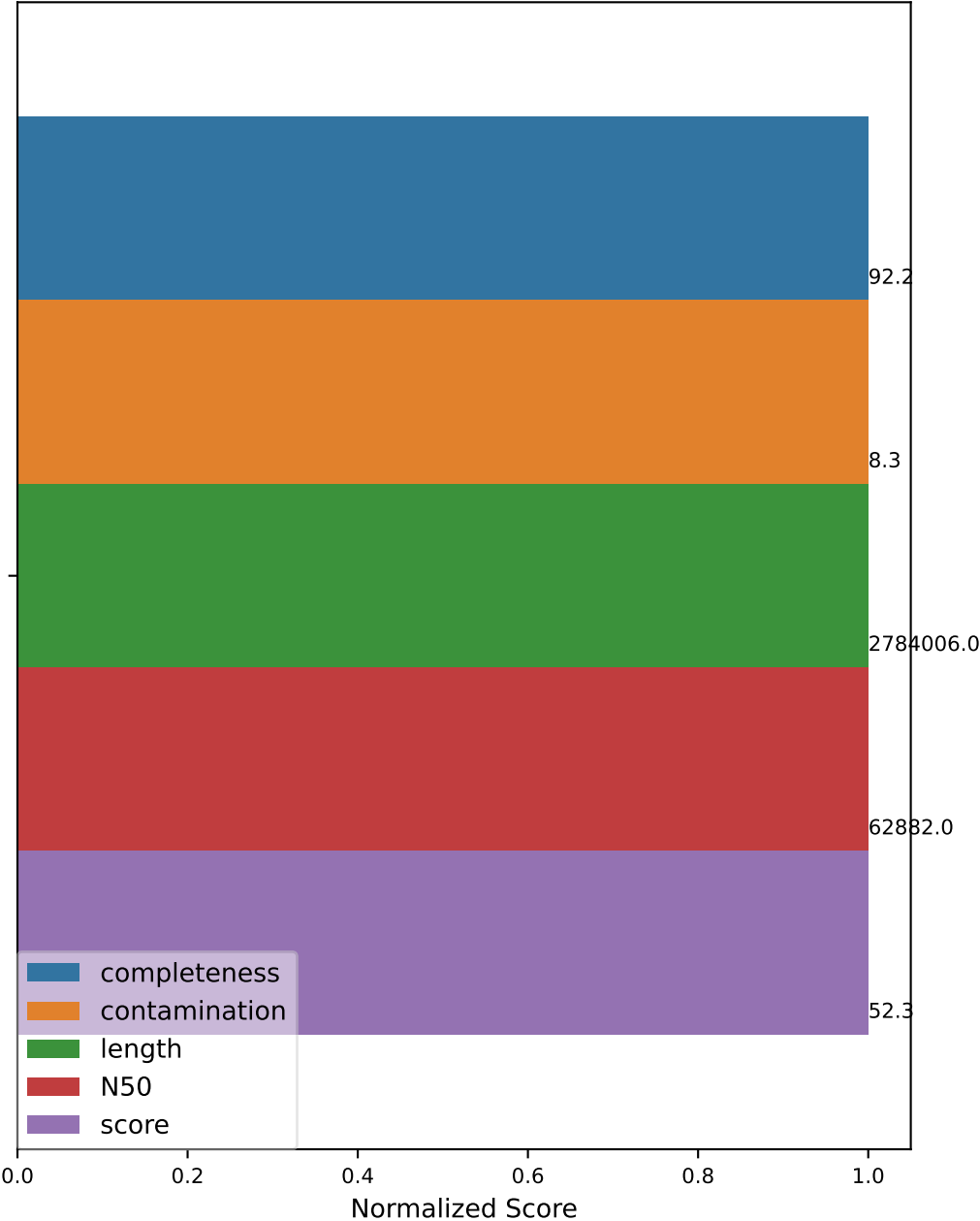




Scoring of cluster 404\_2

genome

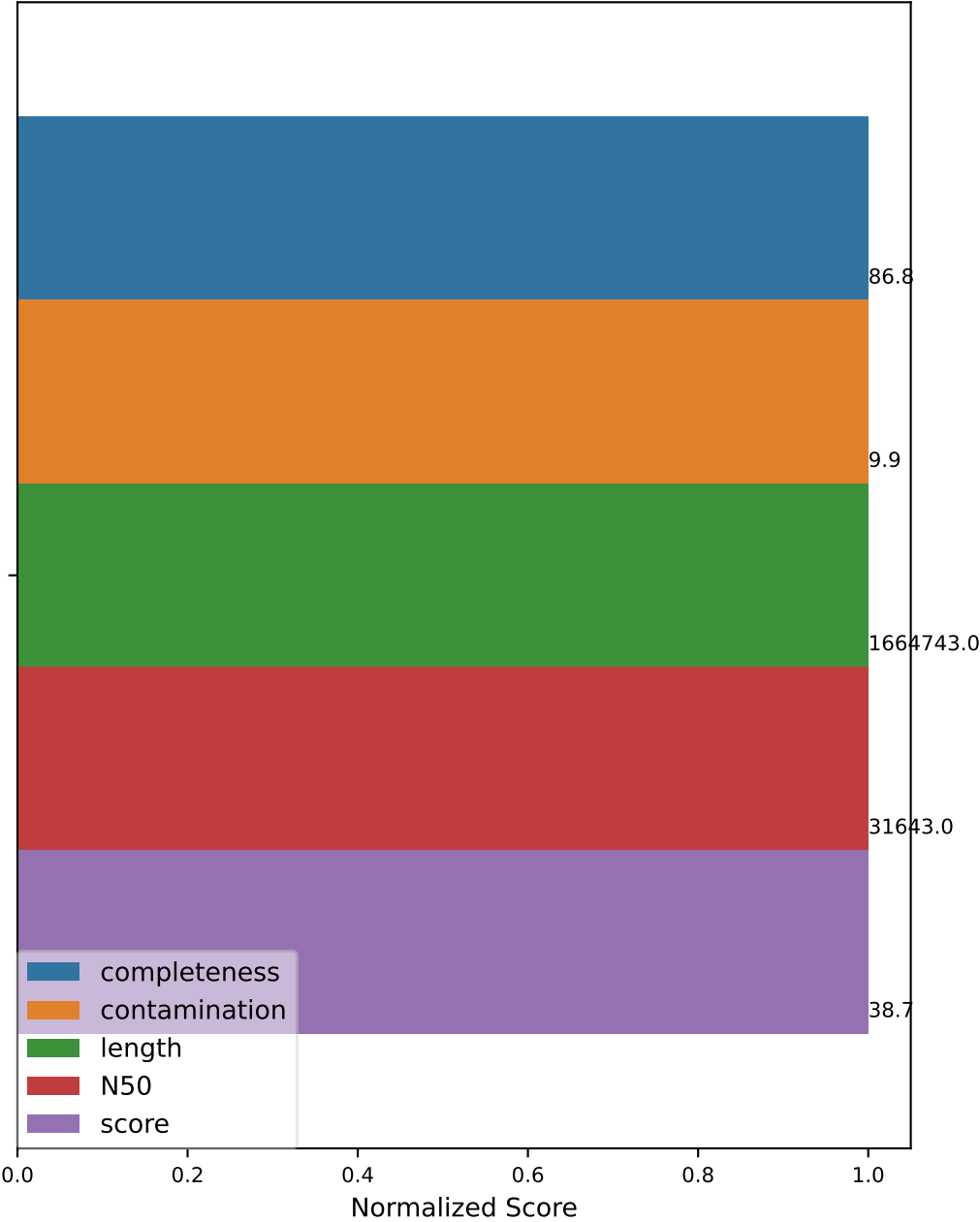
TOBG\_SP-3103.fna \*



Scoring of cluster 405\_0

genome

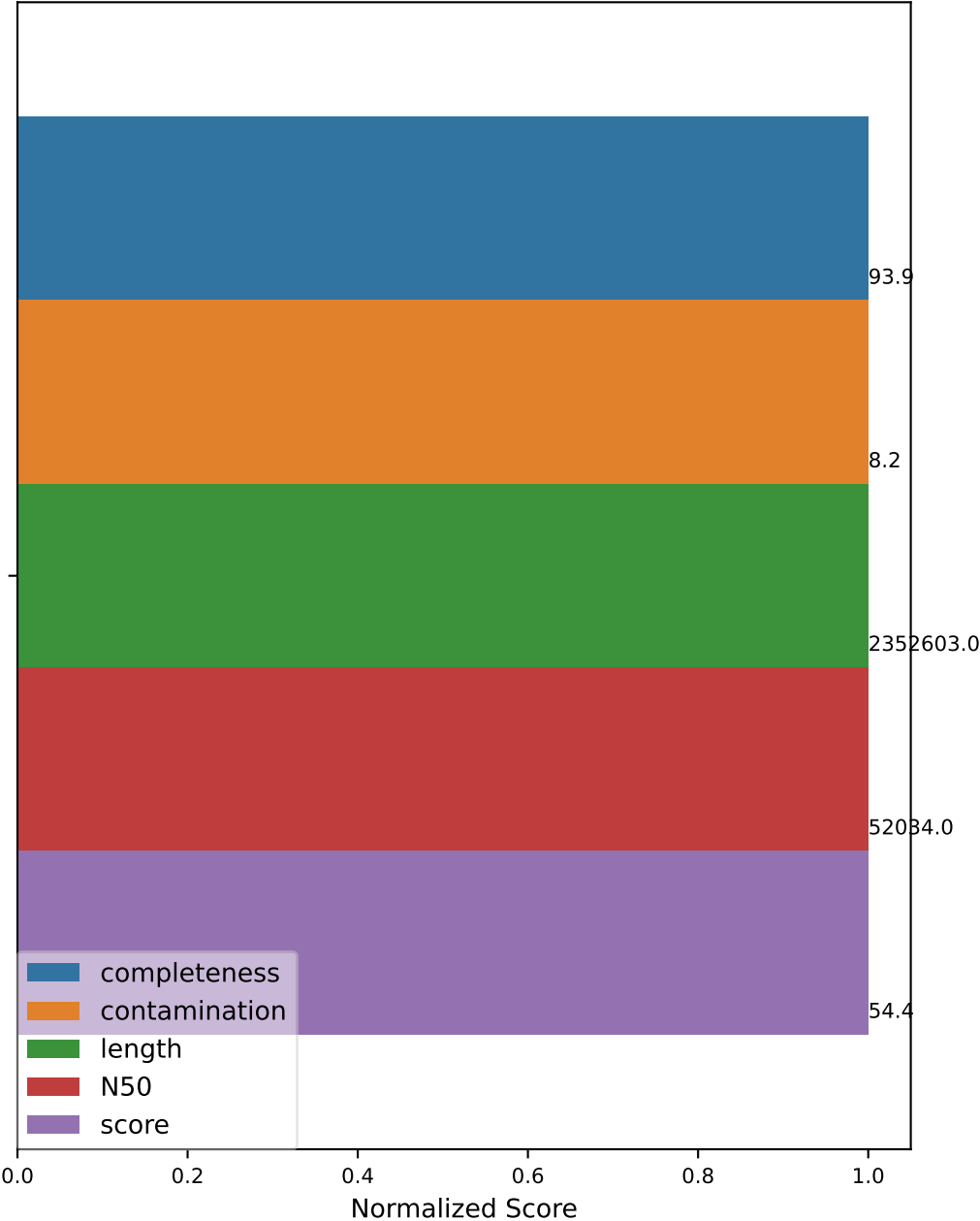
TOBG\_NAT-198.fna \*



Scoring of cluster 406\_0

genome

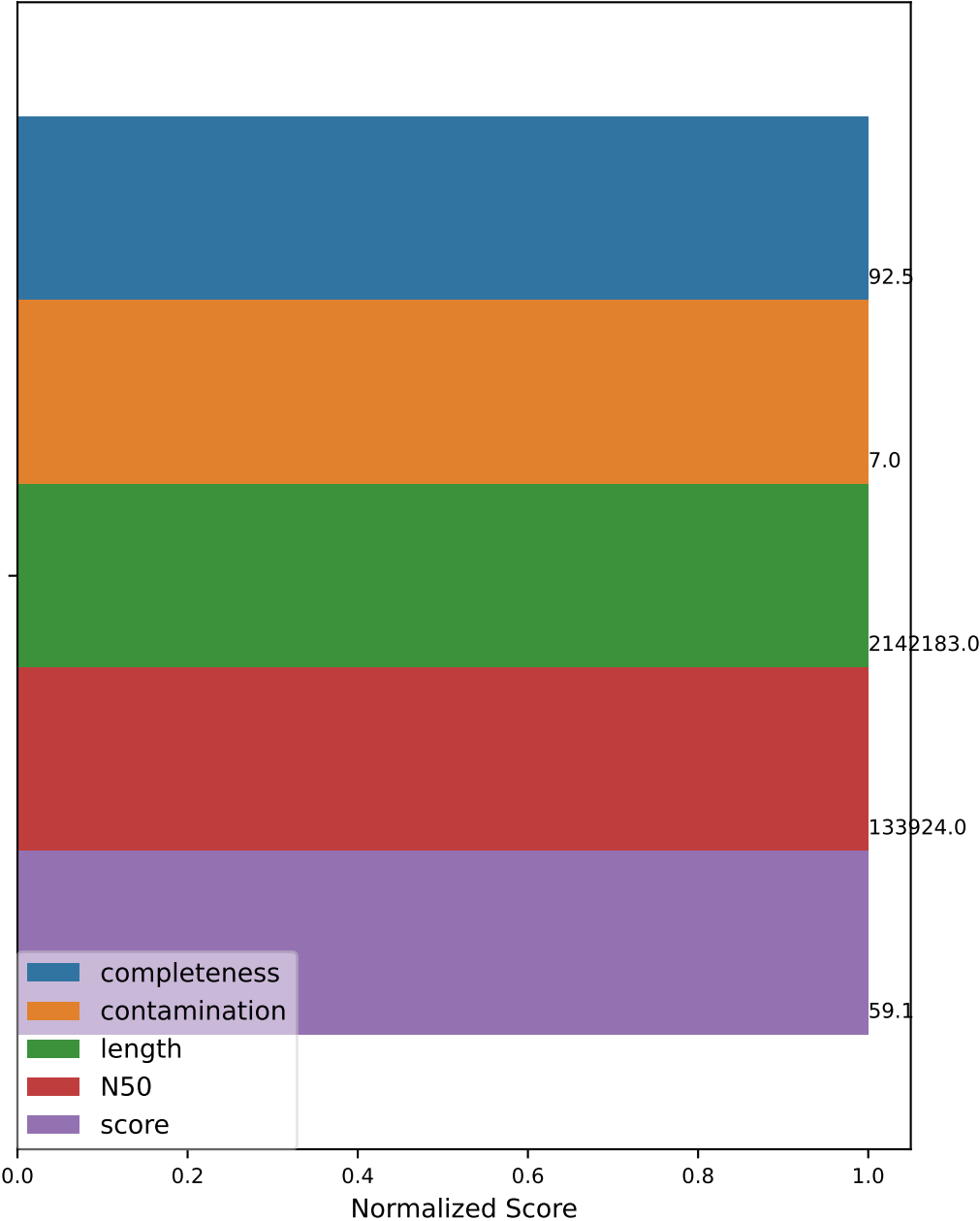
TOBG\_SAT-1367.fna \*



Scoring of cluster 407\_0

genome

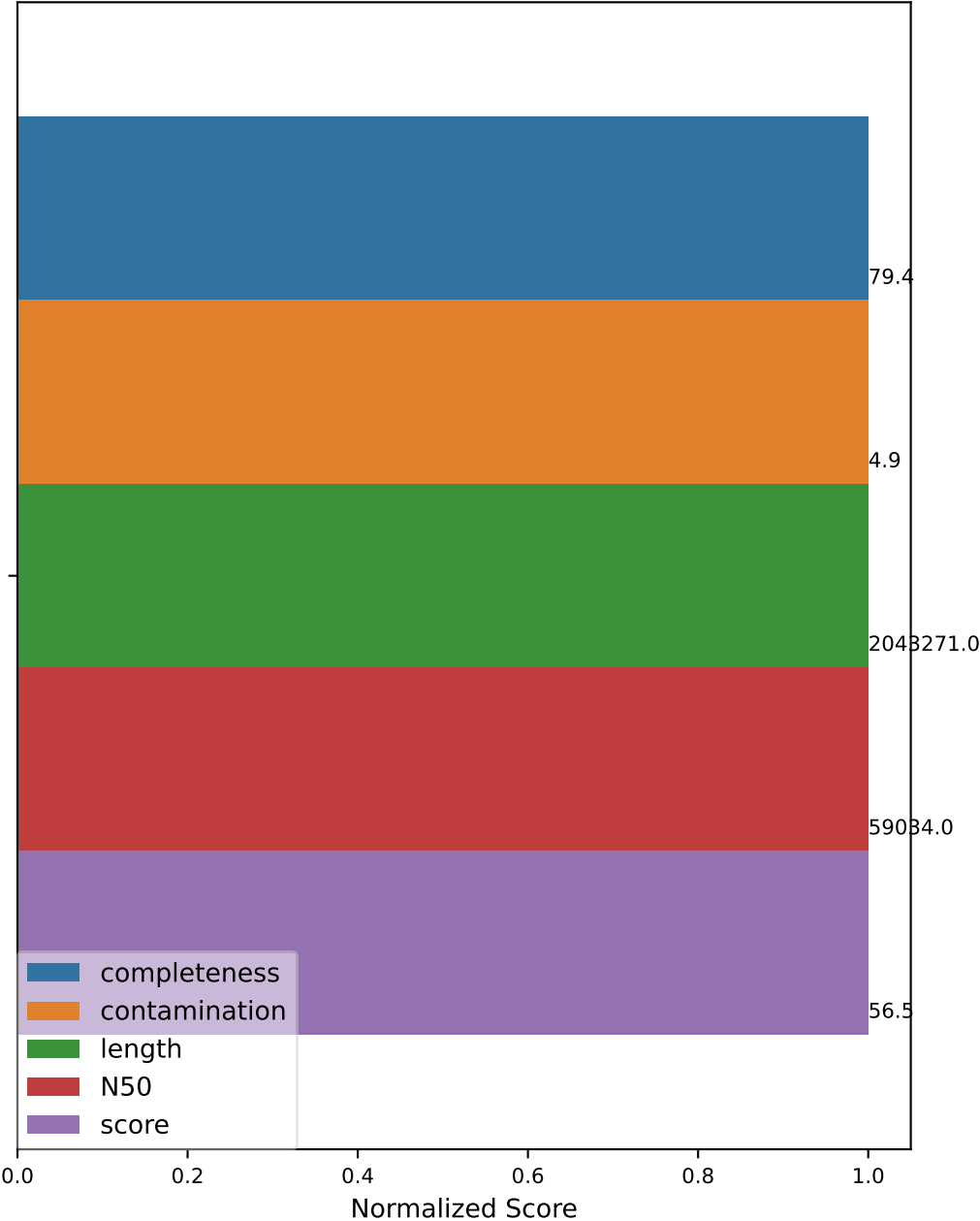
TOBG\_RS-434.fna \*



Scoring of cluster 408\_1

genome

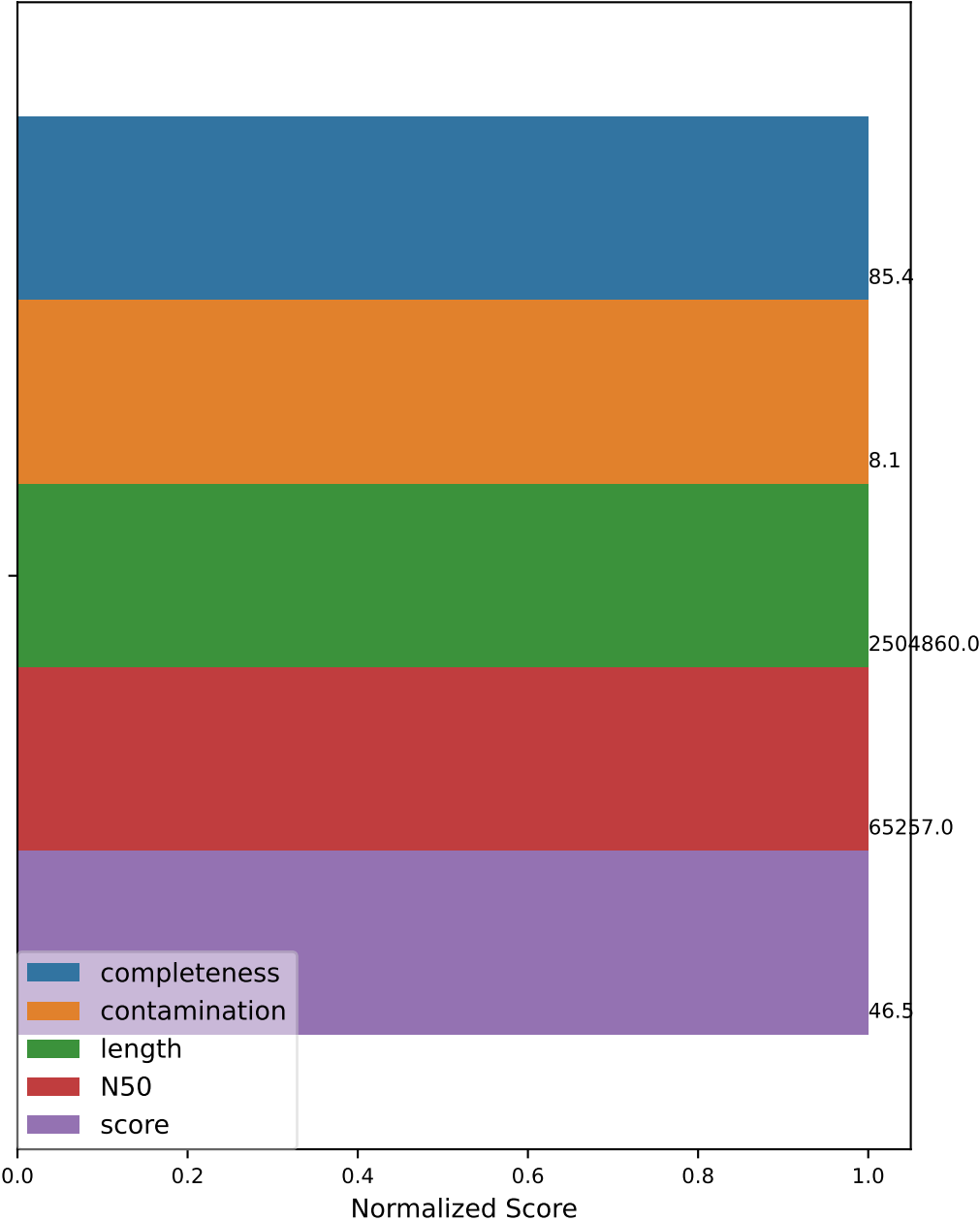
TOBG\_SAT-1339.fna \*



Scoring of cluster 408\_2

genome

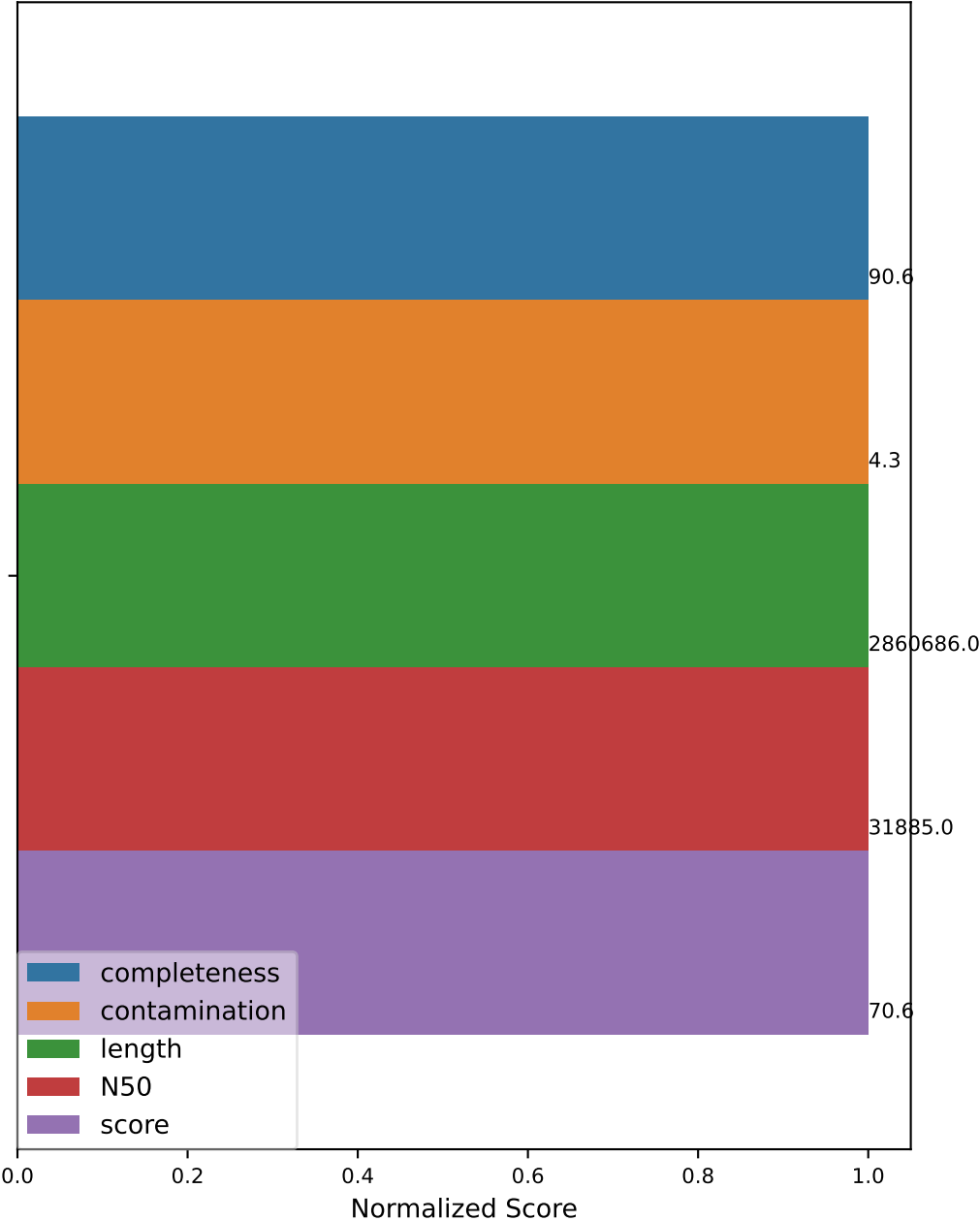
TOBG\_SAT-1391.fna \*



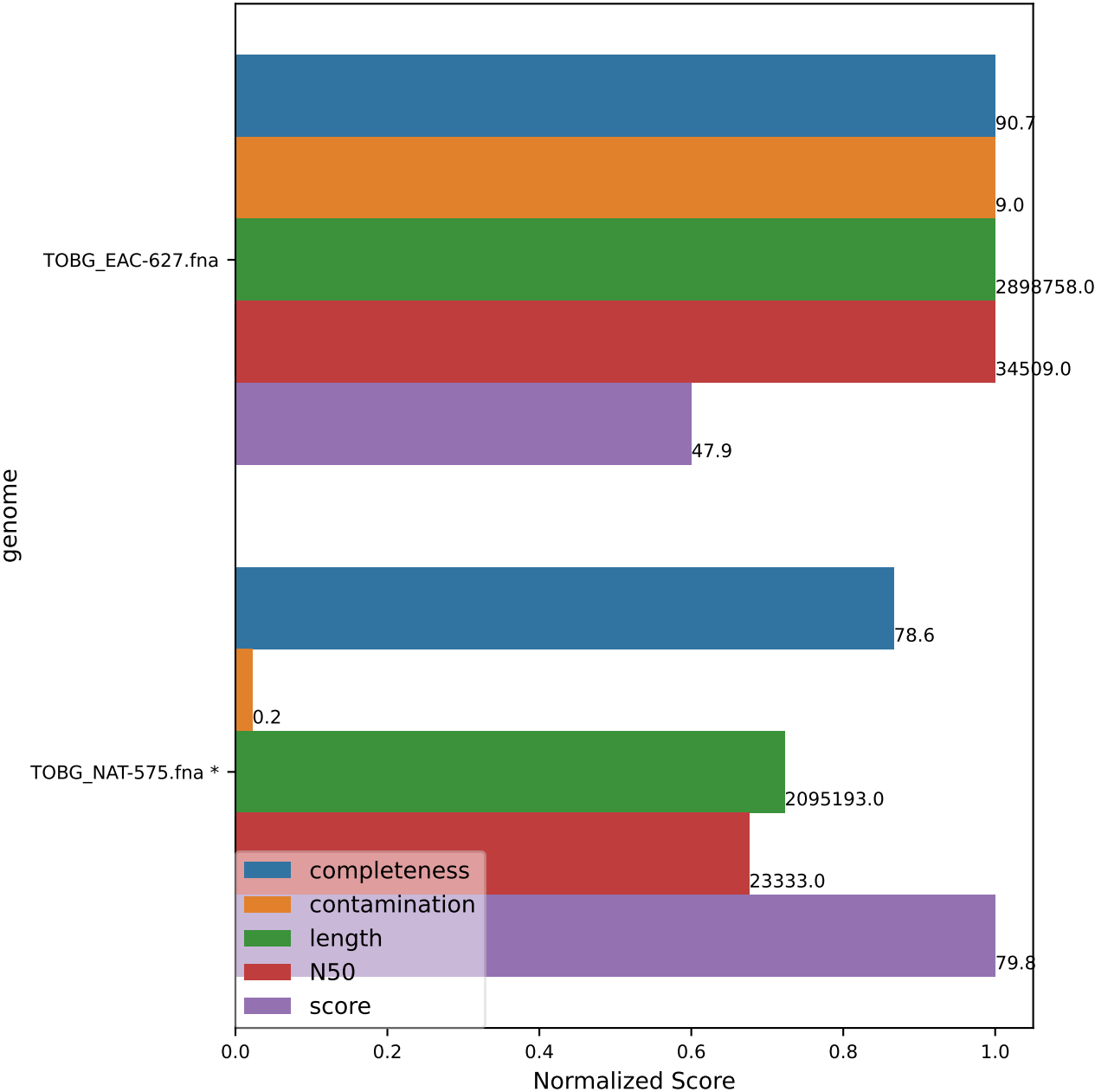
Scoring of cluster 409\_0

genome

TOBG\_EAC-88.fna \*

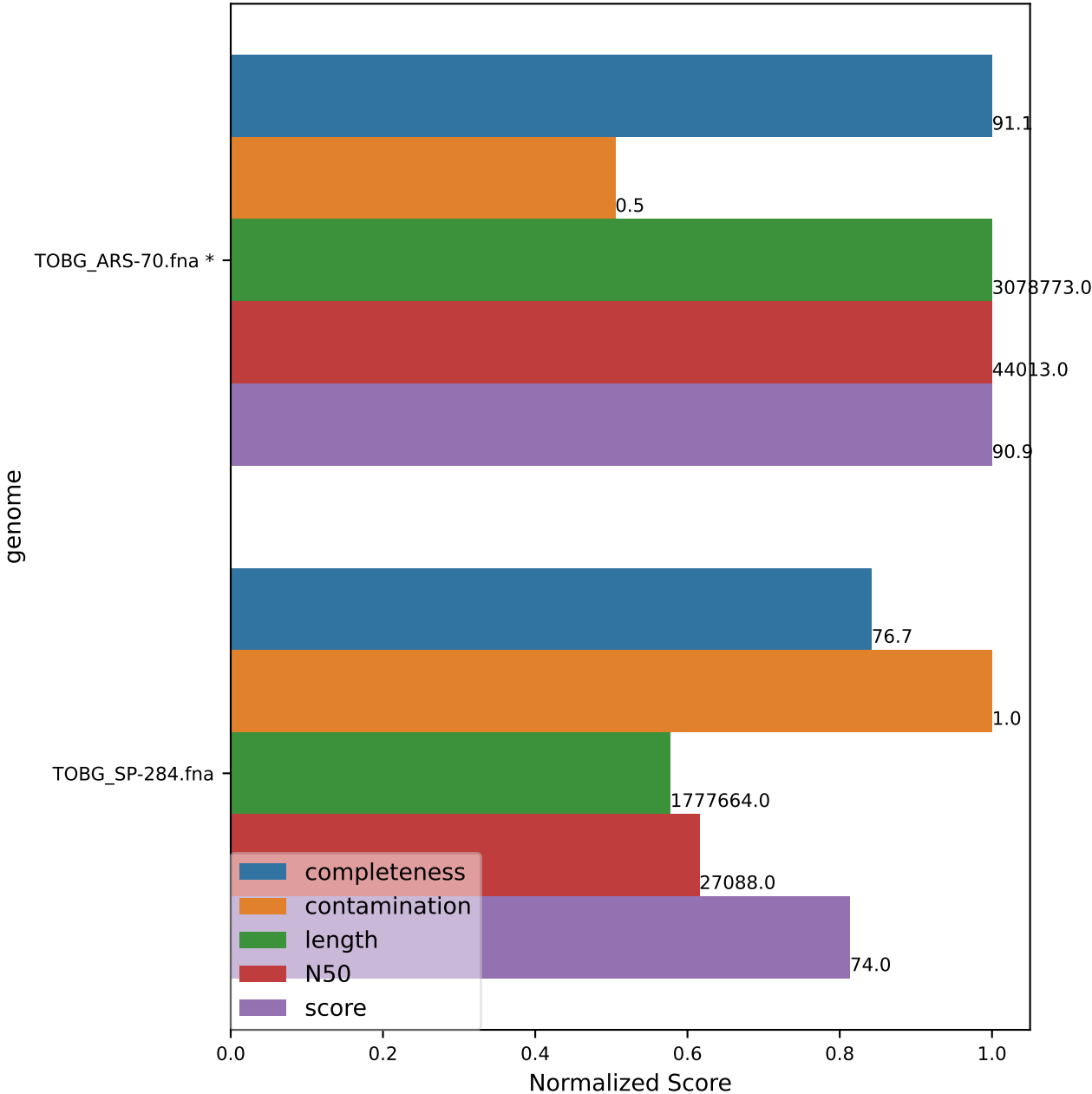


Scoring of cluster 410\_1





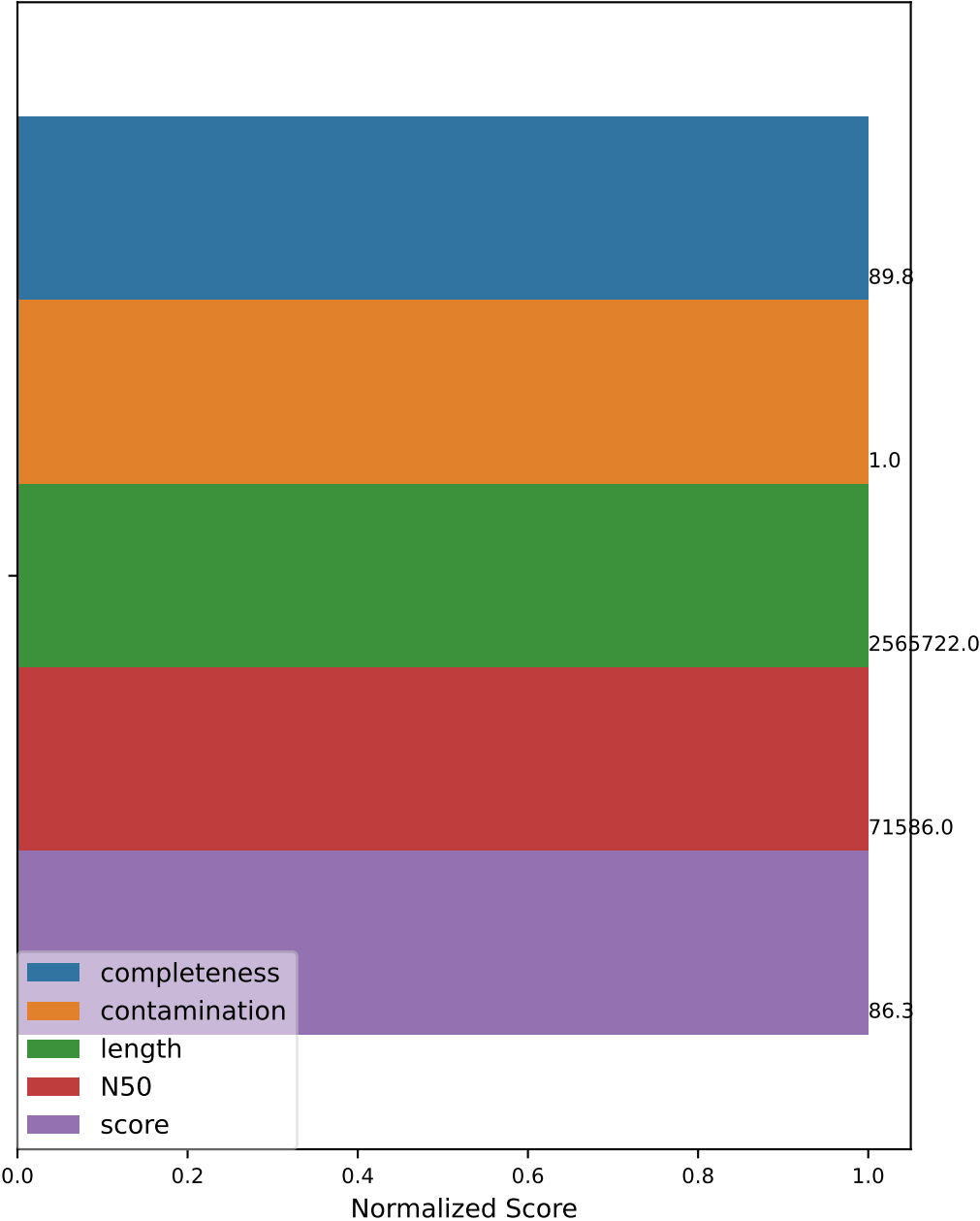
Scoring of cluster 411\_1



Scoring of cluster 412\_0

genome

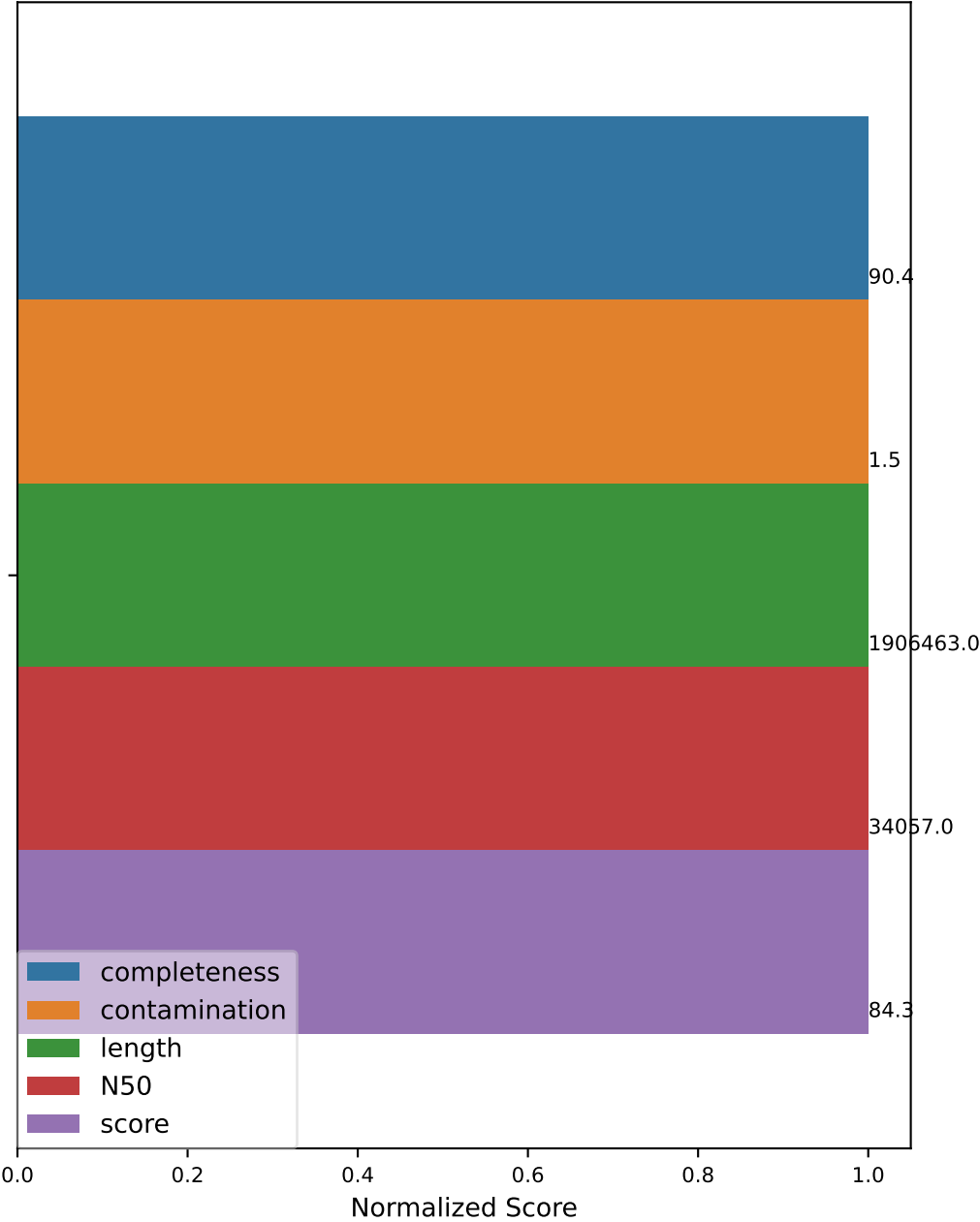
TOBG\_SP-222.fna \*



Scoring of cluster 413\_0

genome

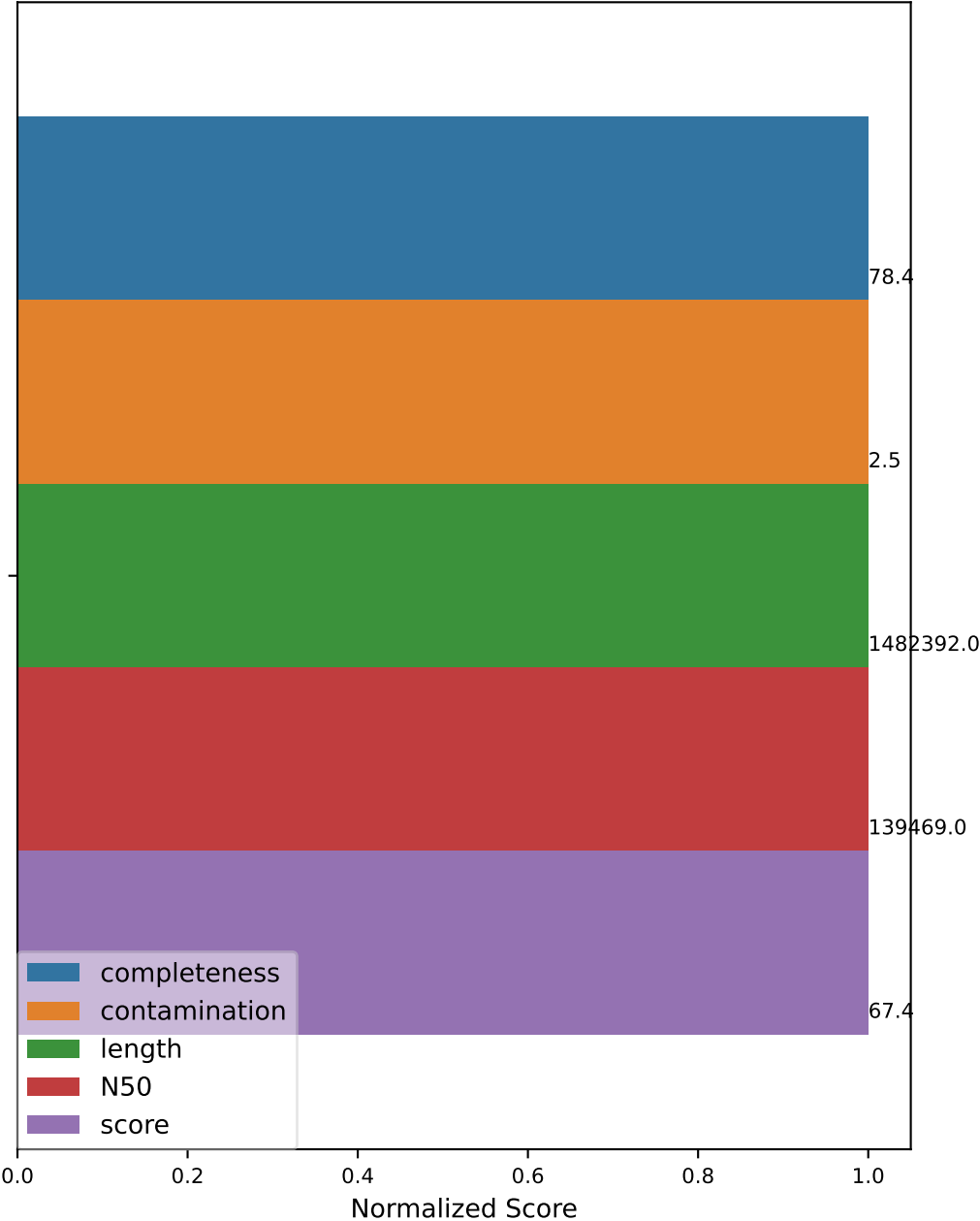
TOBG\_NAT-137.fna \*



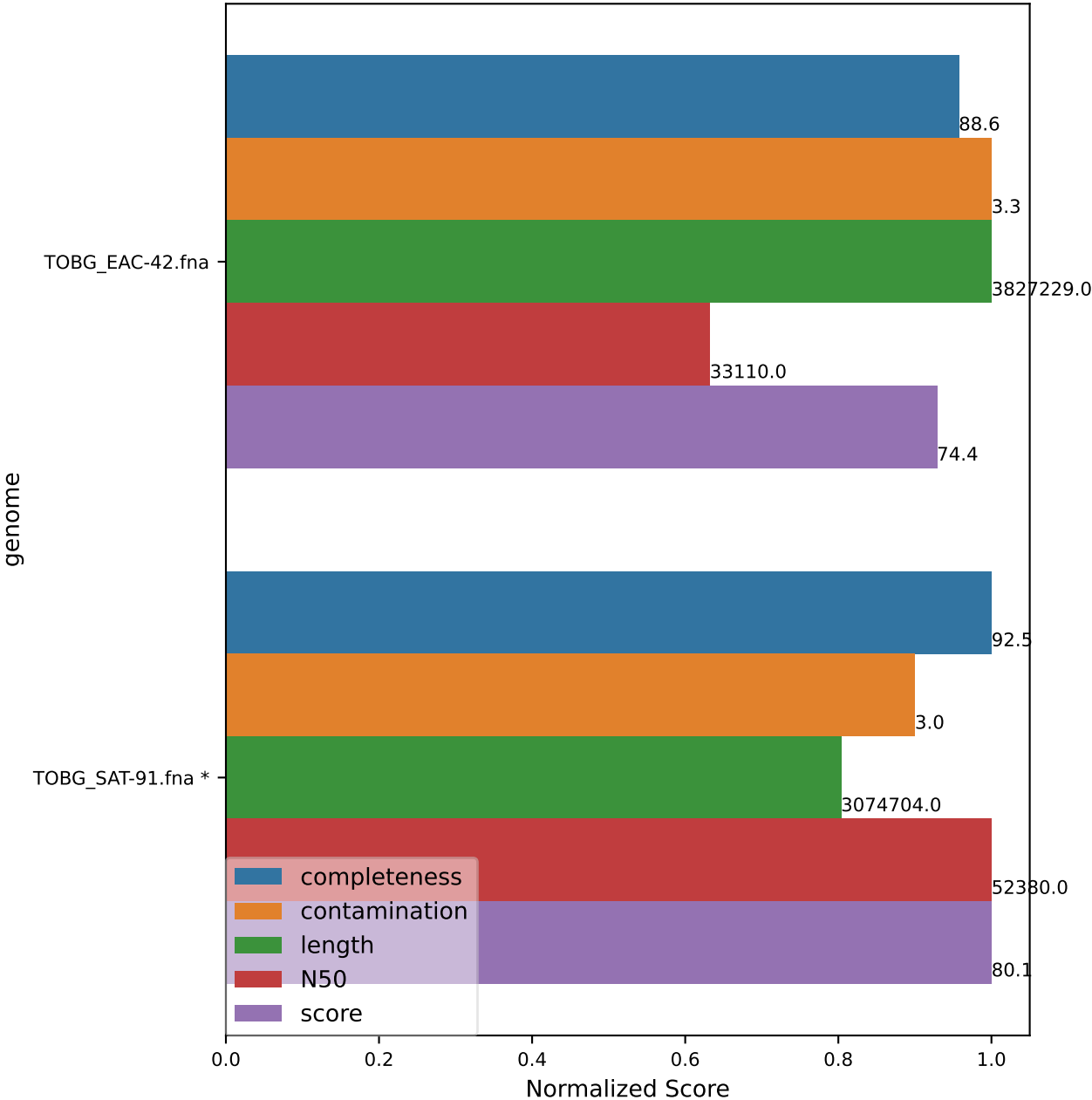
Scoring of cluster 414\_0

genome

TOBG\_RS-435.fna \*



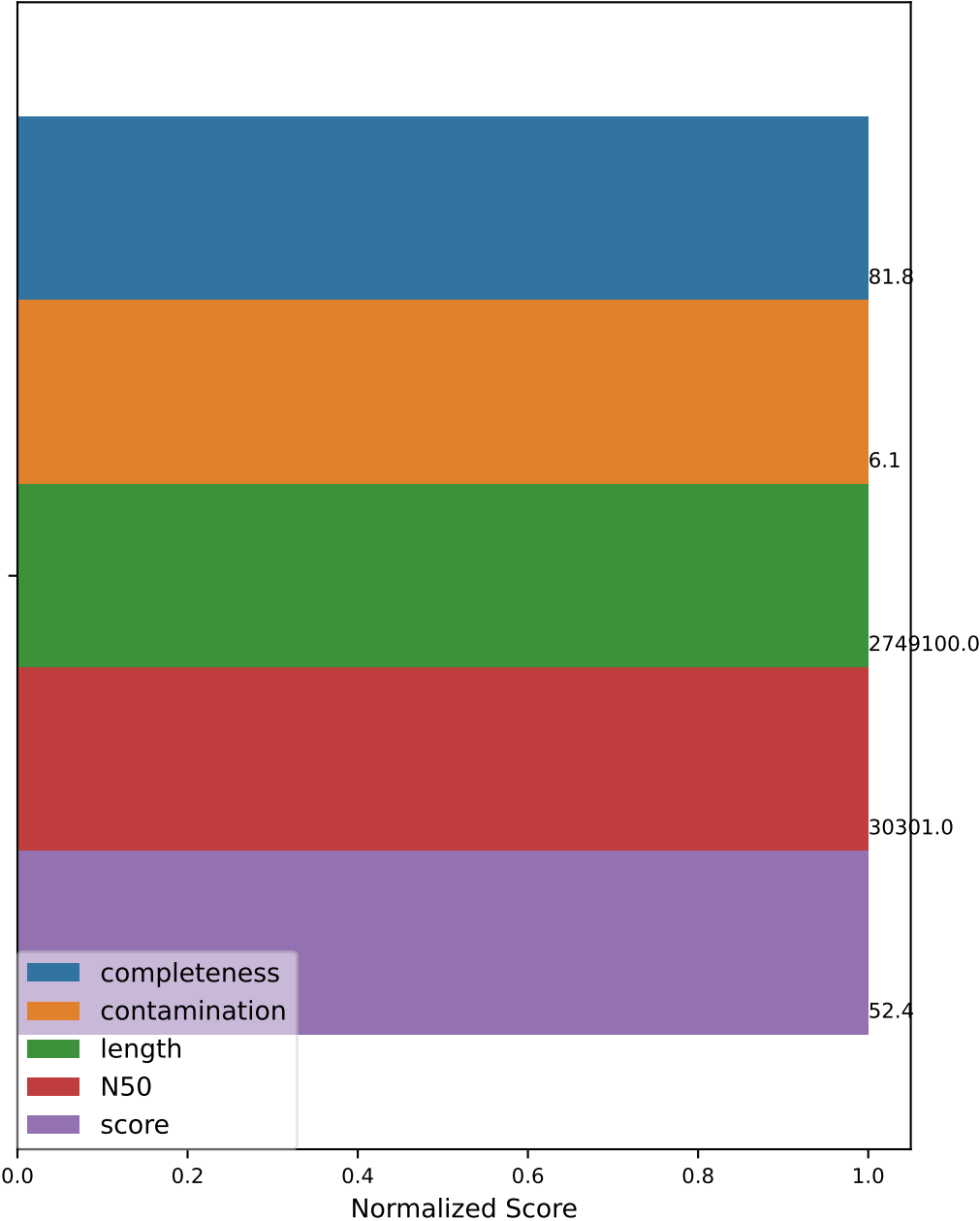
Scoring of cluster 415\_1



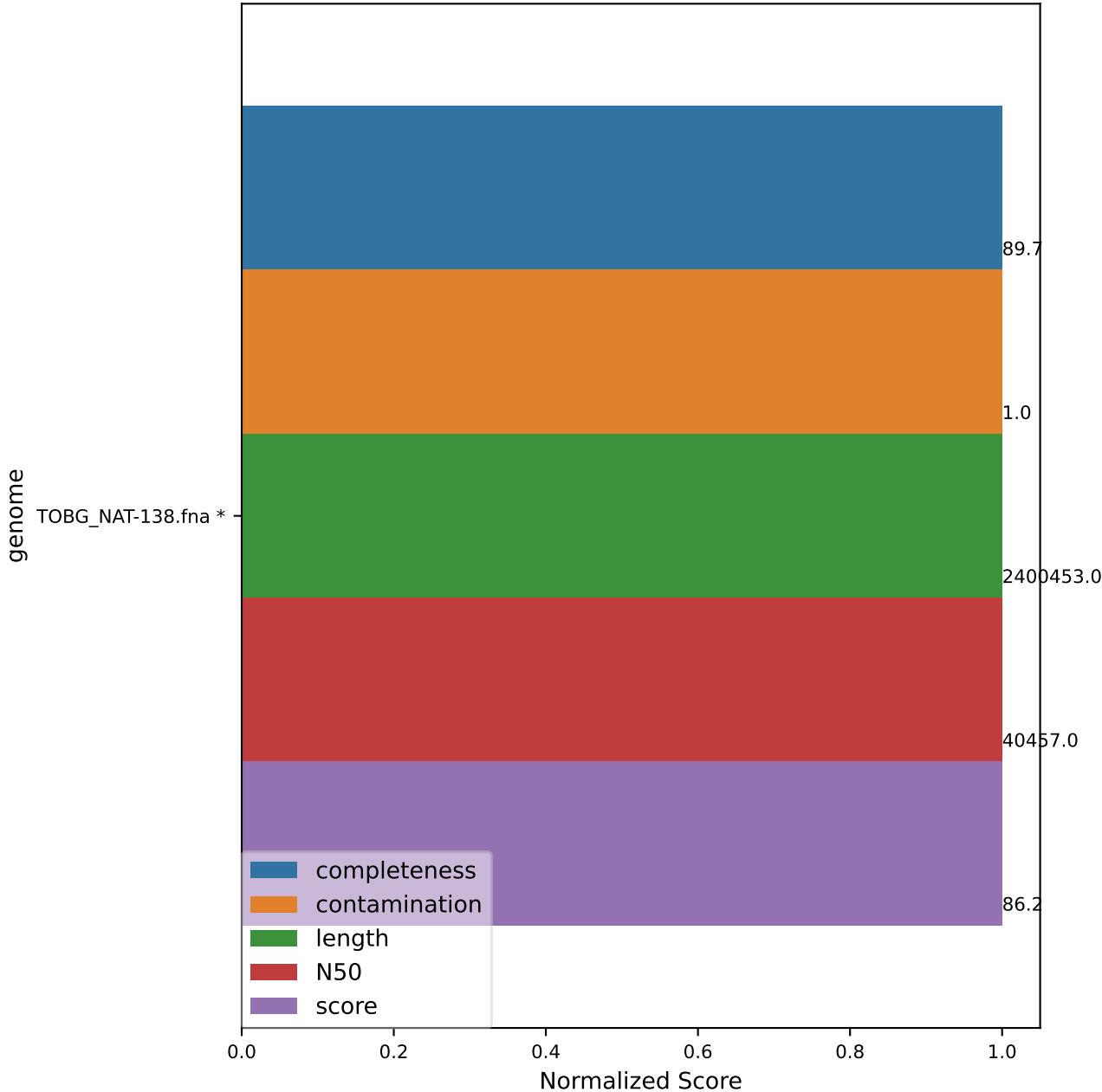
Scoring of cluster 416\_0

genome

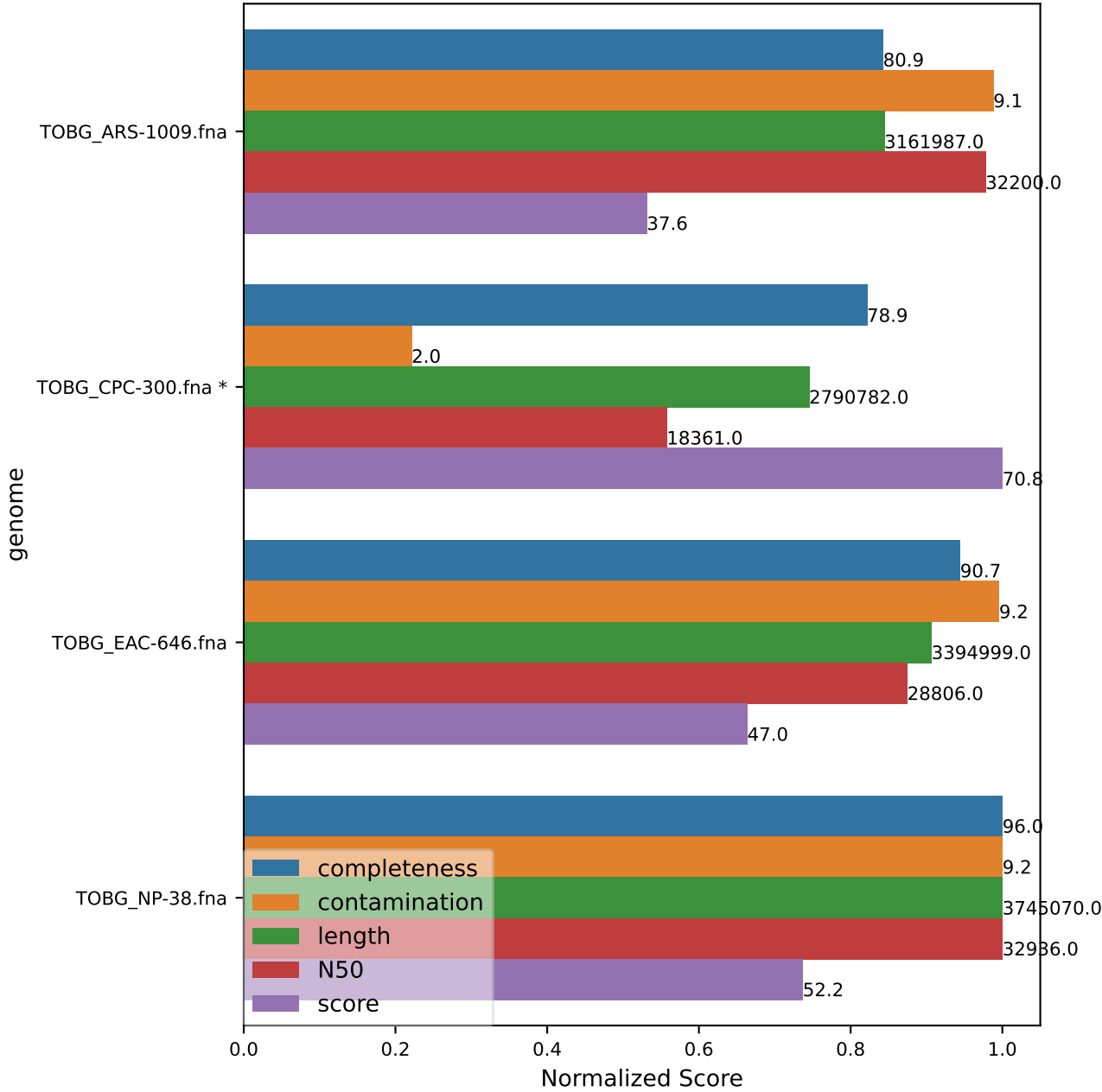
TOBG\_SAT-1517.fna \*



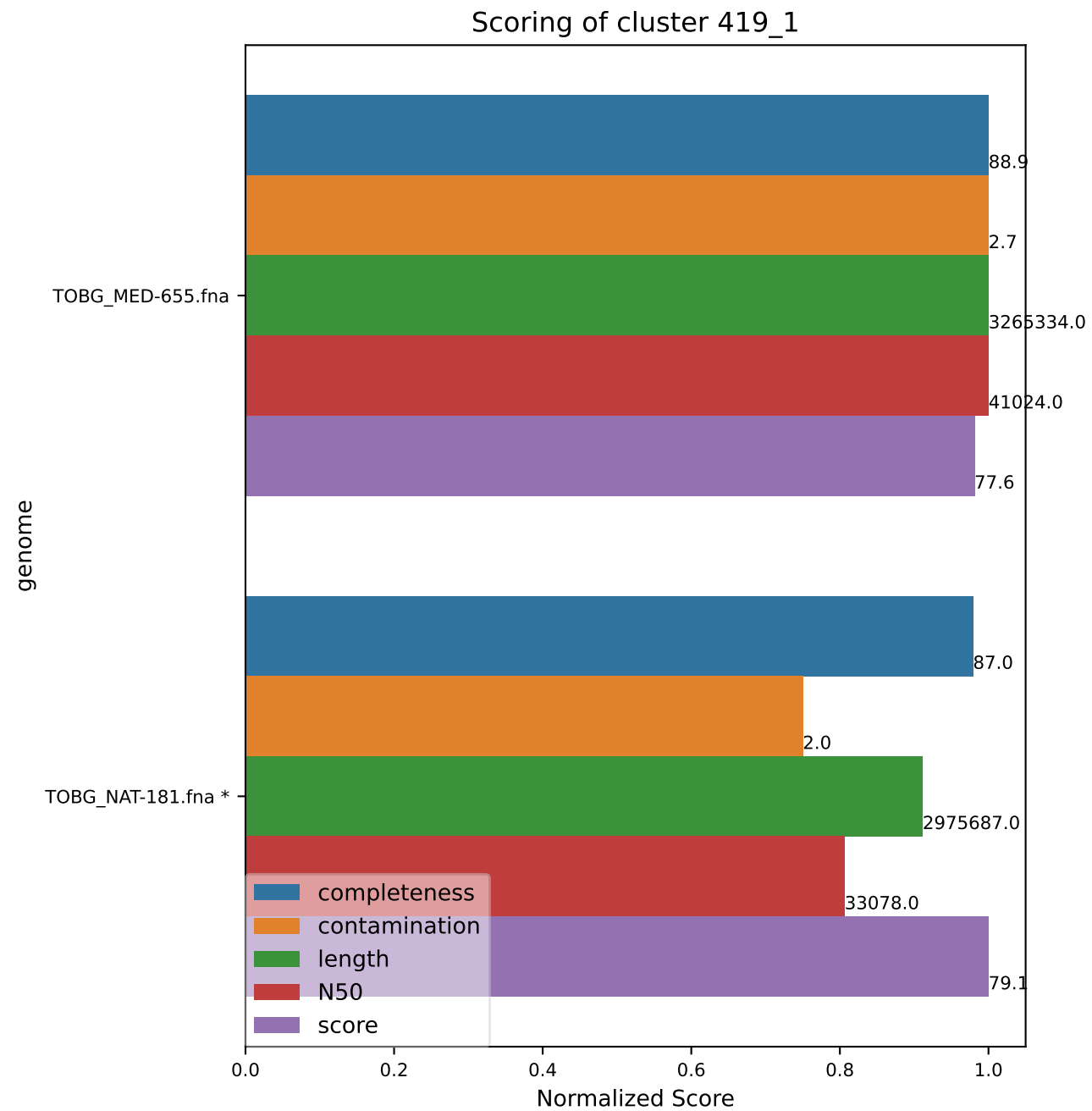
Scoring of cluster 417\_0



Scoring of cluster 418\_1



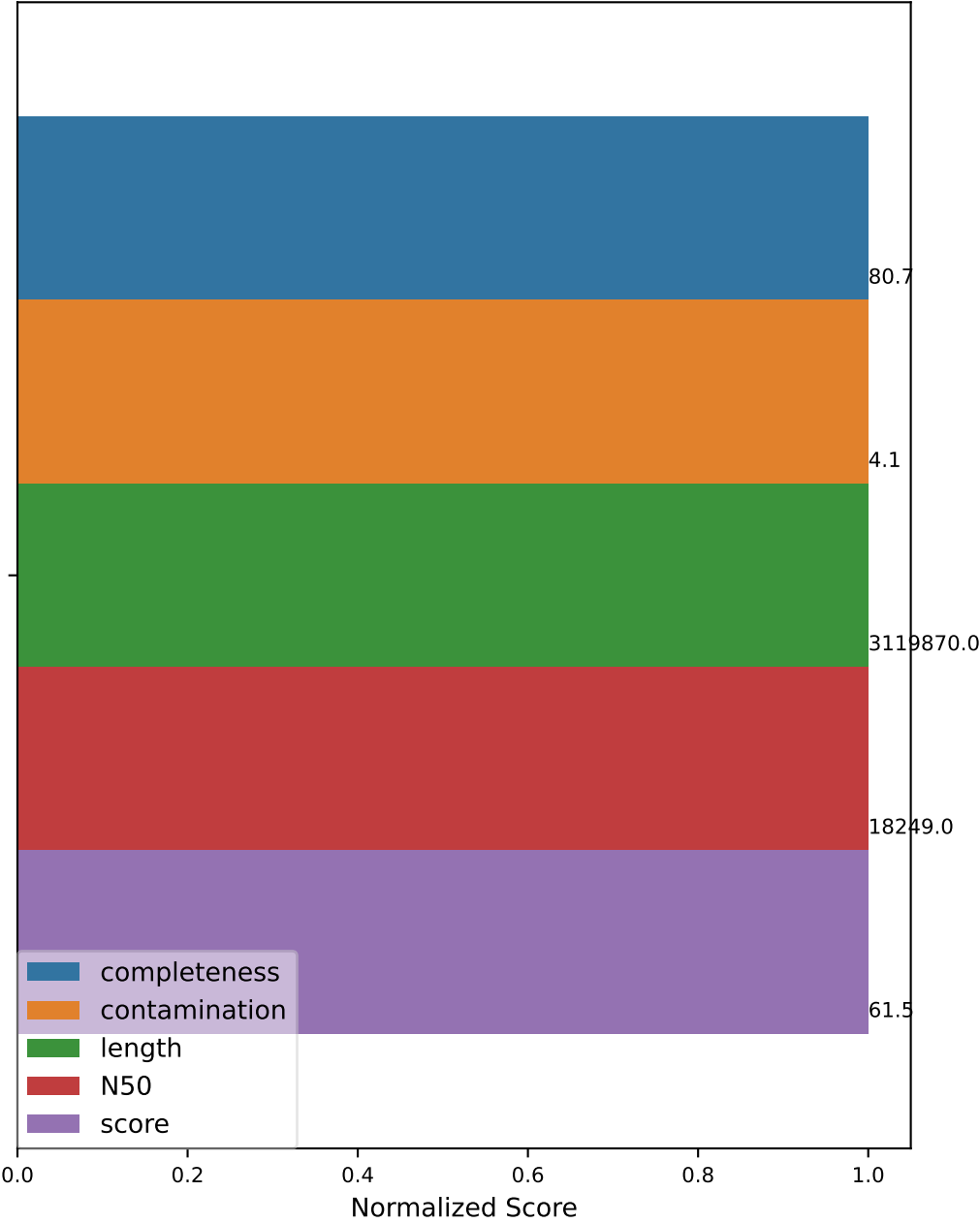




Scoring of cluster 420\_0

genome

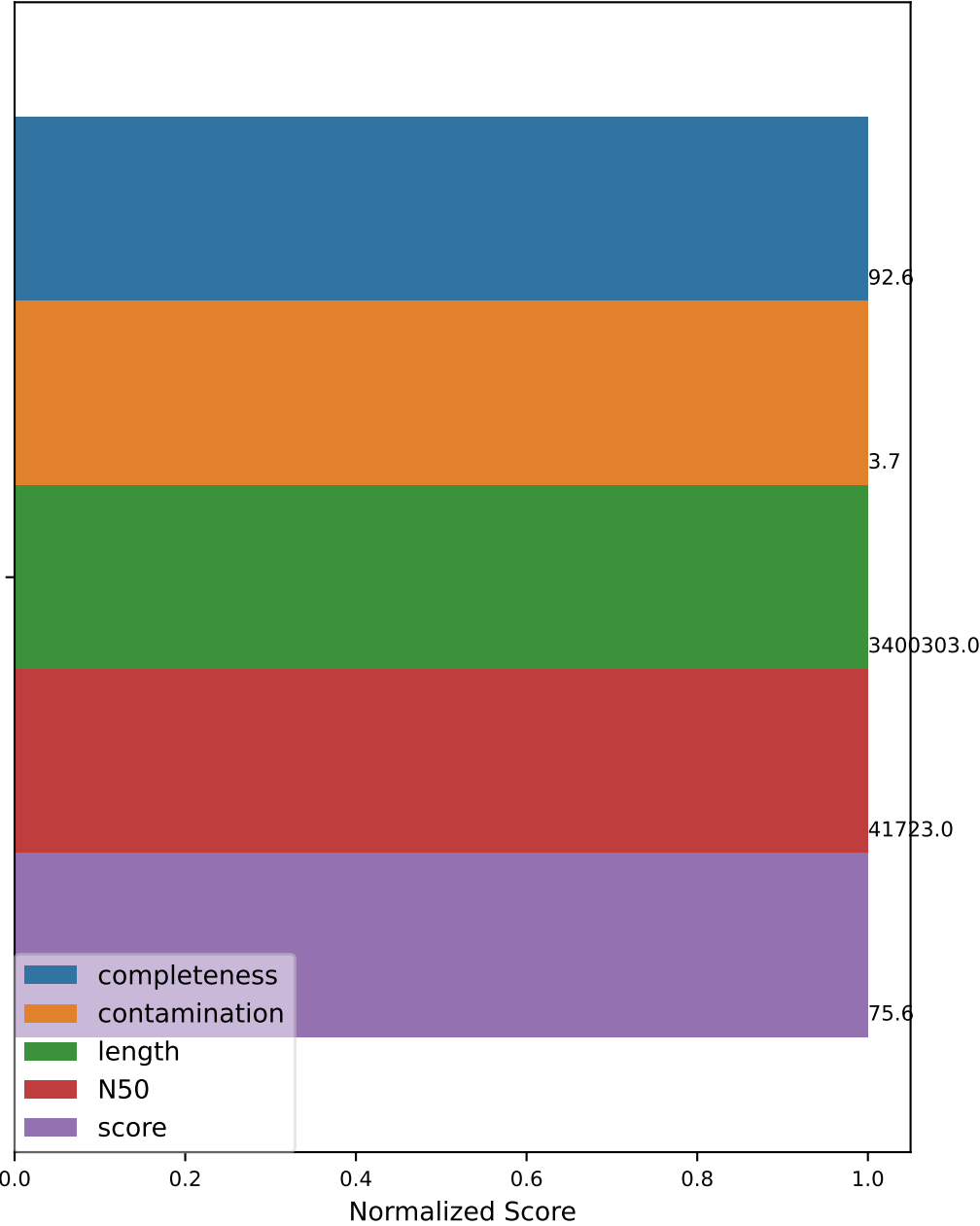
TOBG\_CPC-50.fna \*



Scoring of cluster 421\_0

genome

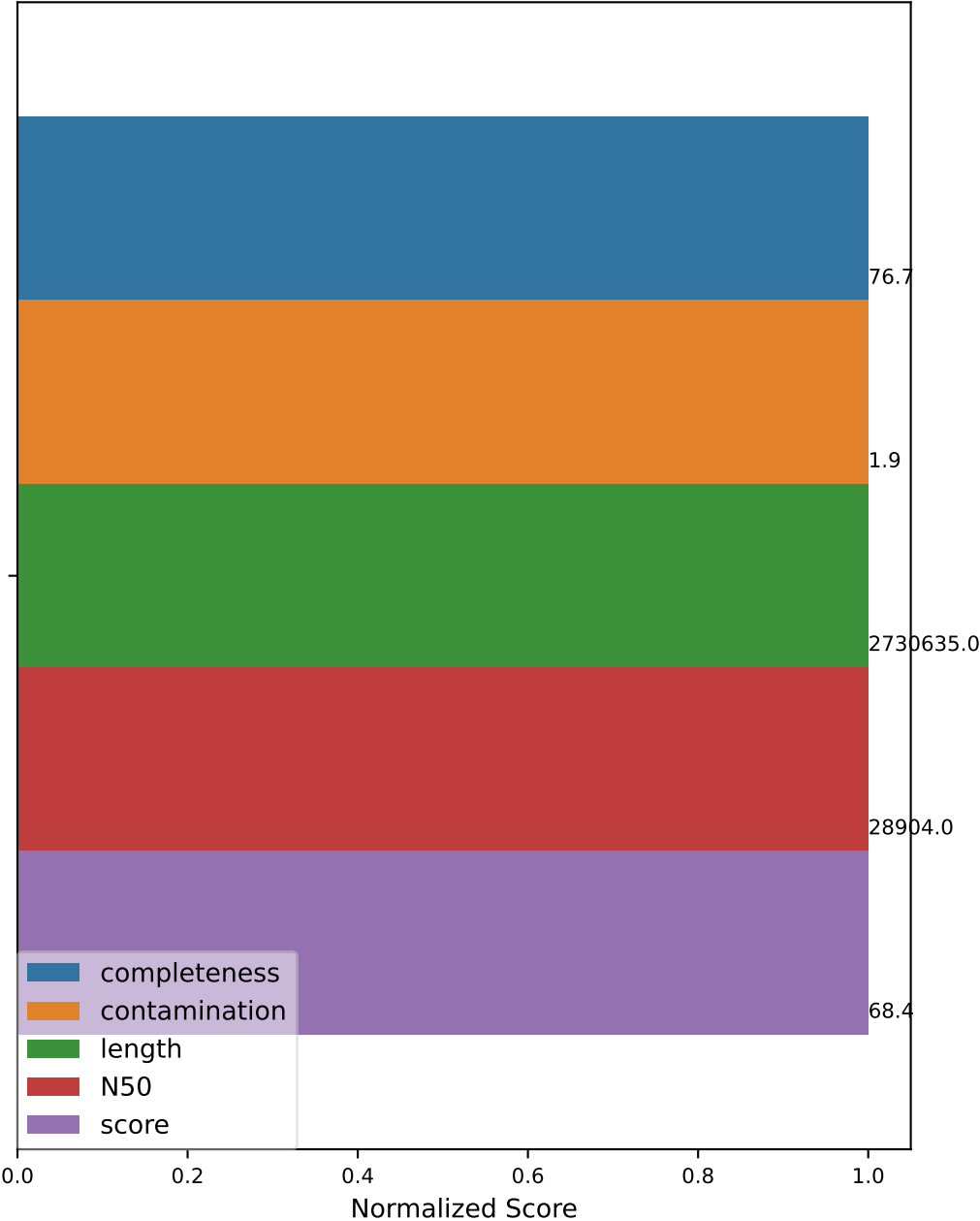
TOBG\_SP-164.fna \*



Scoring of cluster 422\_0

genome

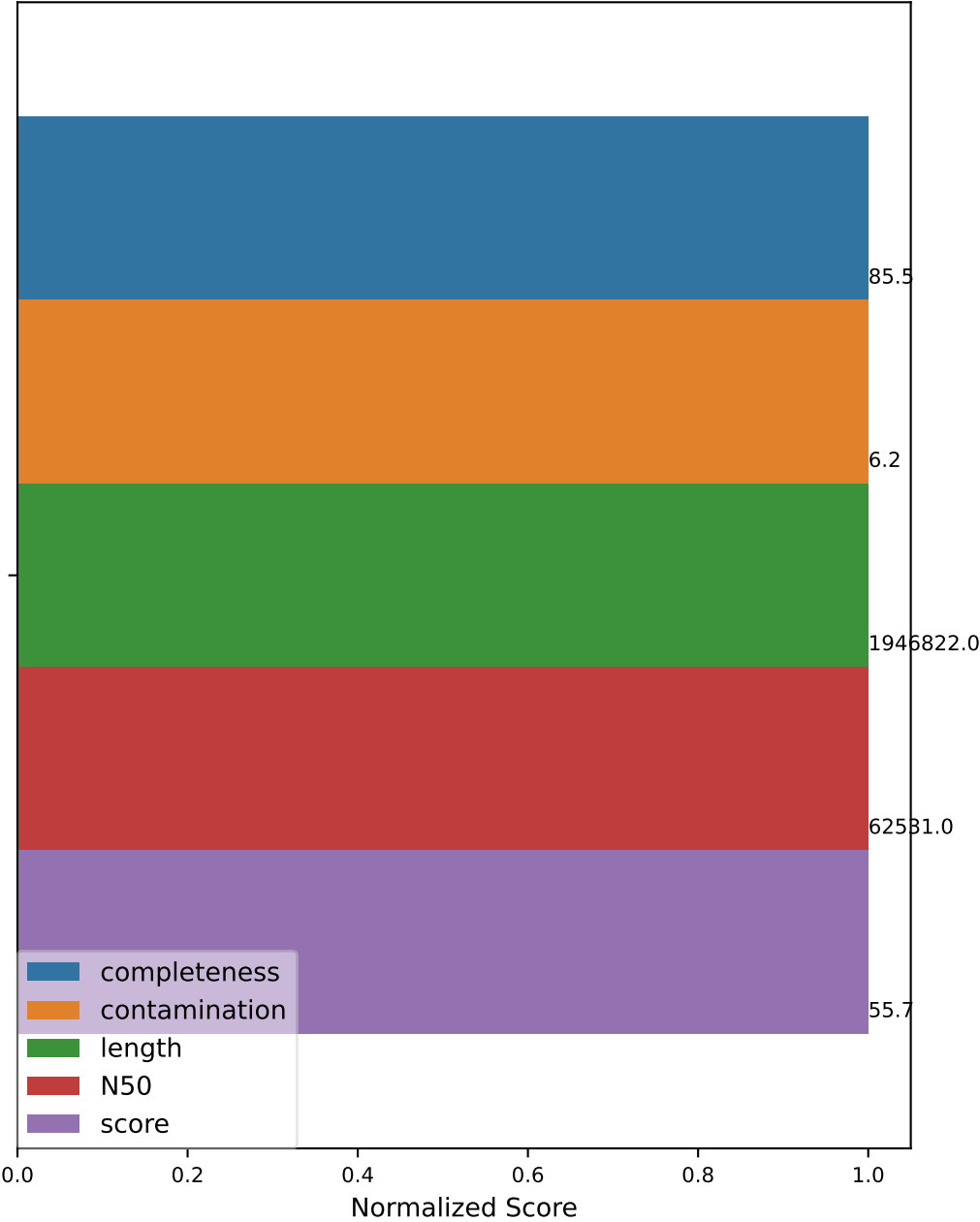
TOBG\_SP-232.fna \*



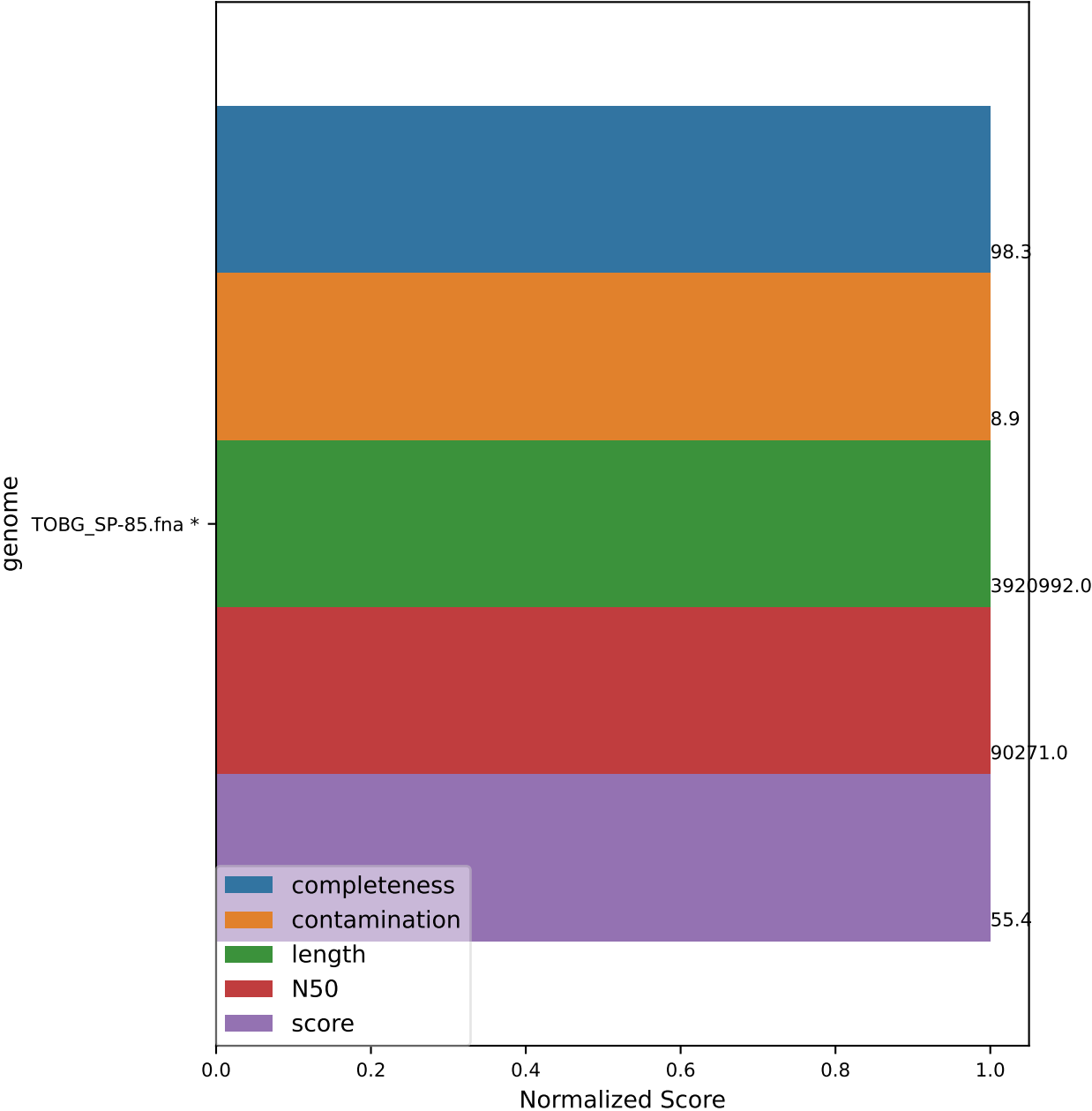
Scoring of cluster 423\_0

genome

TOBG\_SP-3118.fna \*



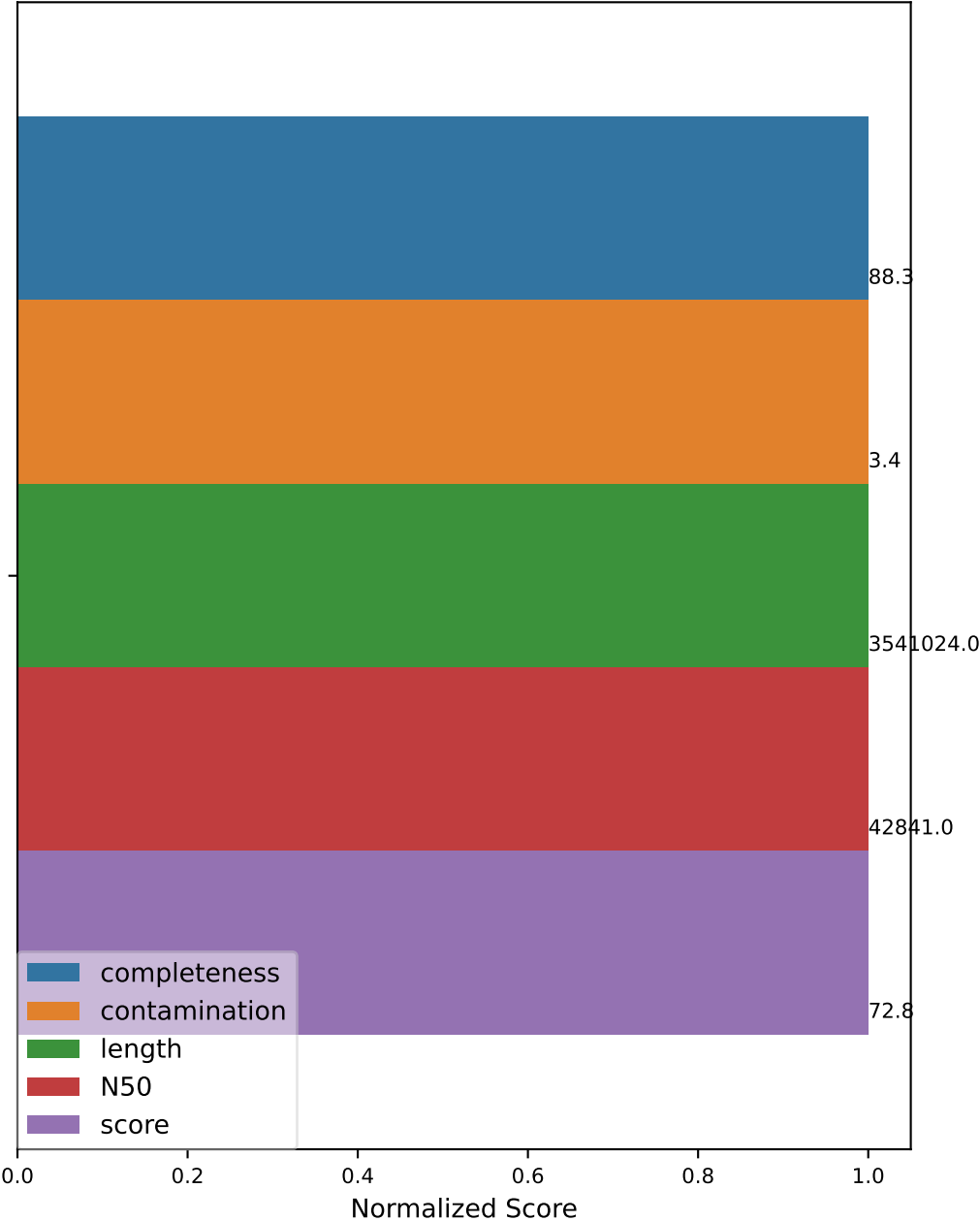
Scoring of cluster 424\_0



Scoring of cluster 425\_0

genome

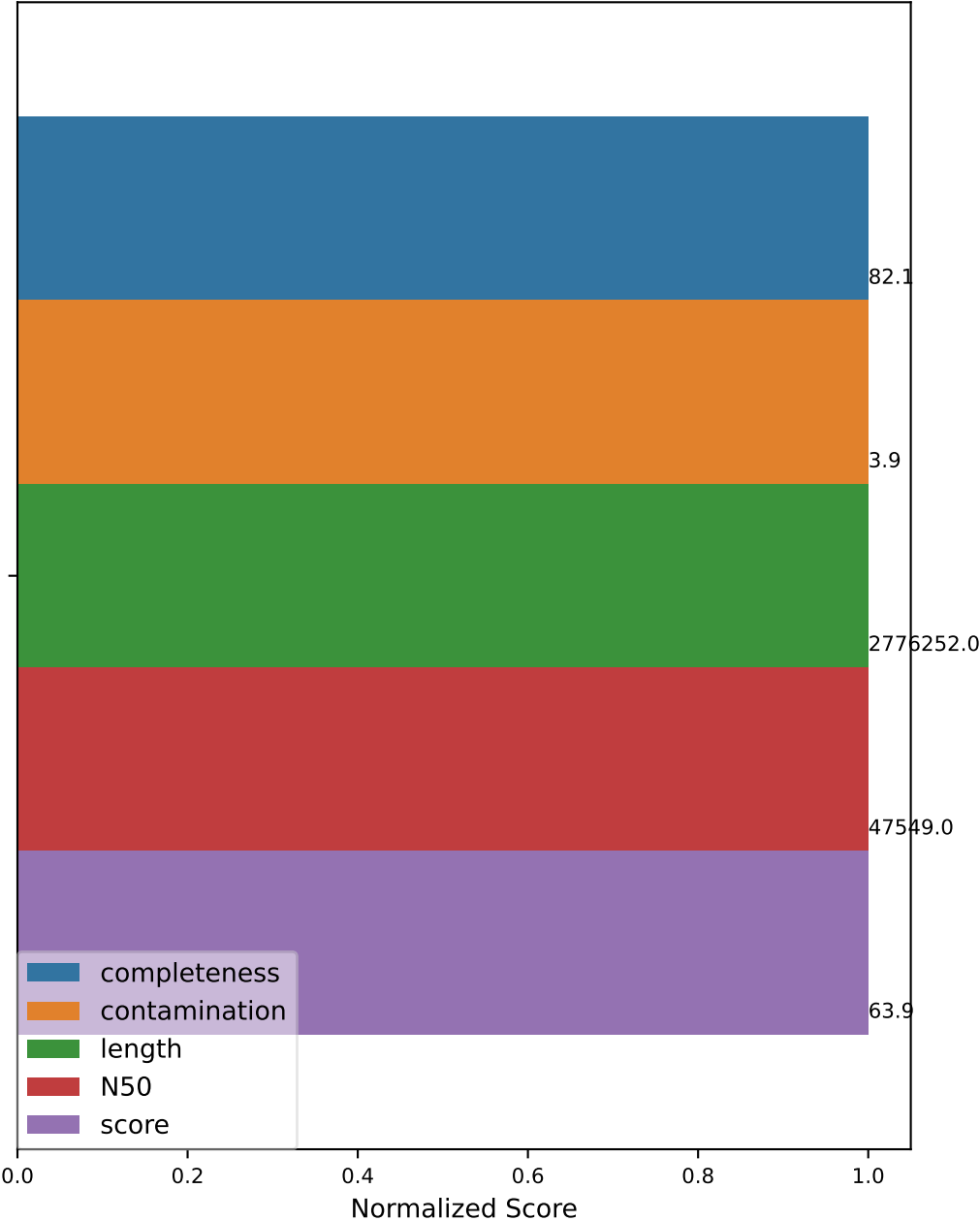
TOBG\_SP-241.fna \*



Scoring of cluster 426\_0

genome

TOBG\_SP-354.fna \*

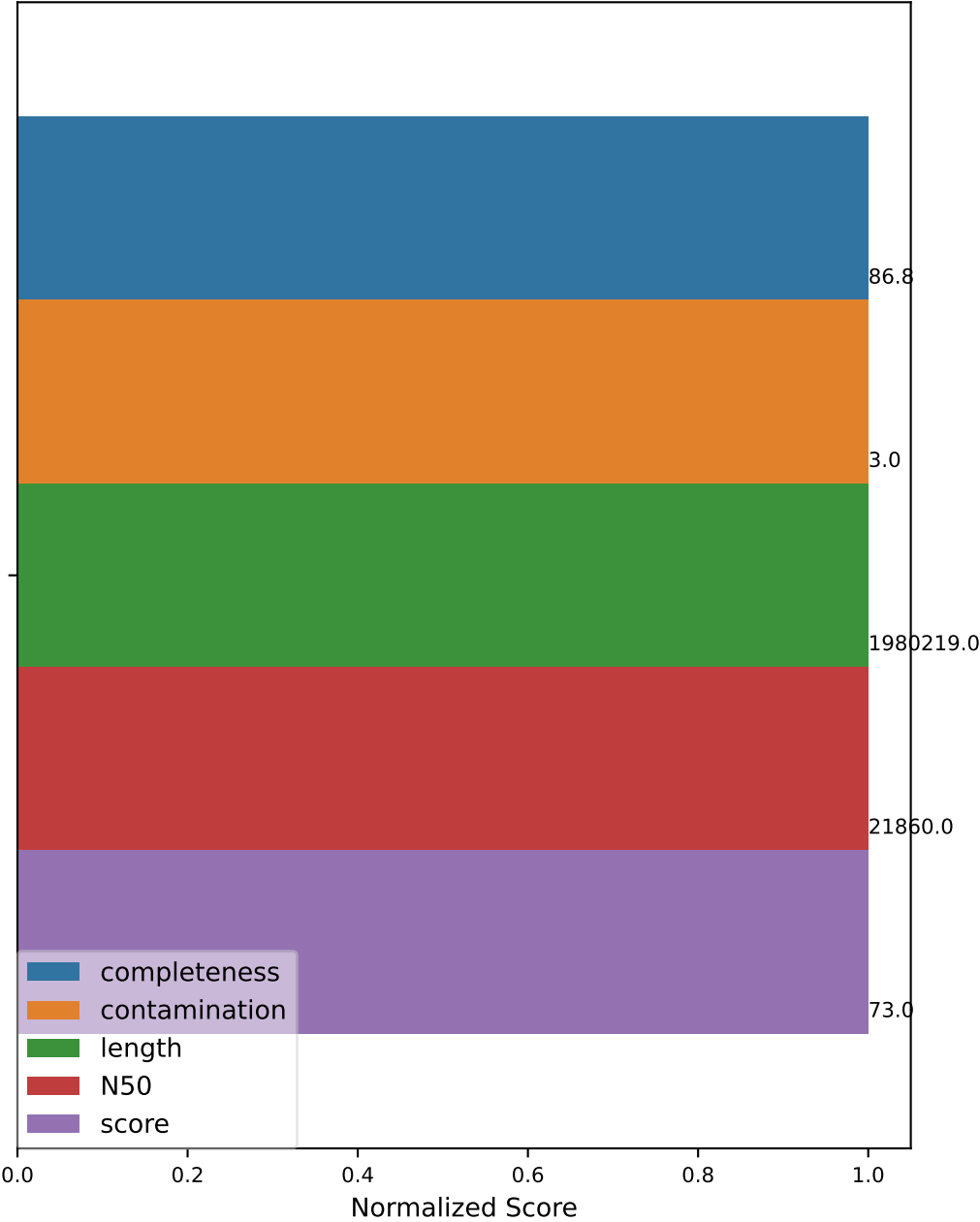




Scoring of cluster 427\_0

genome

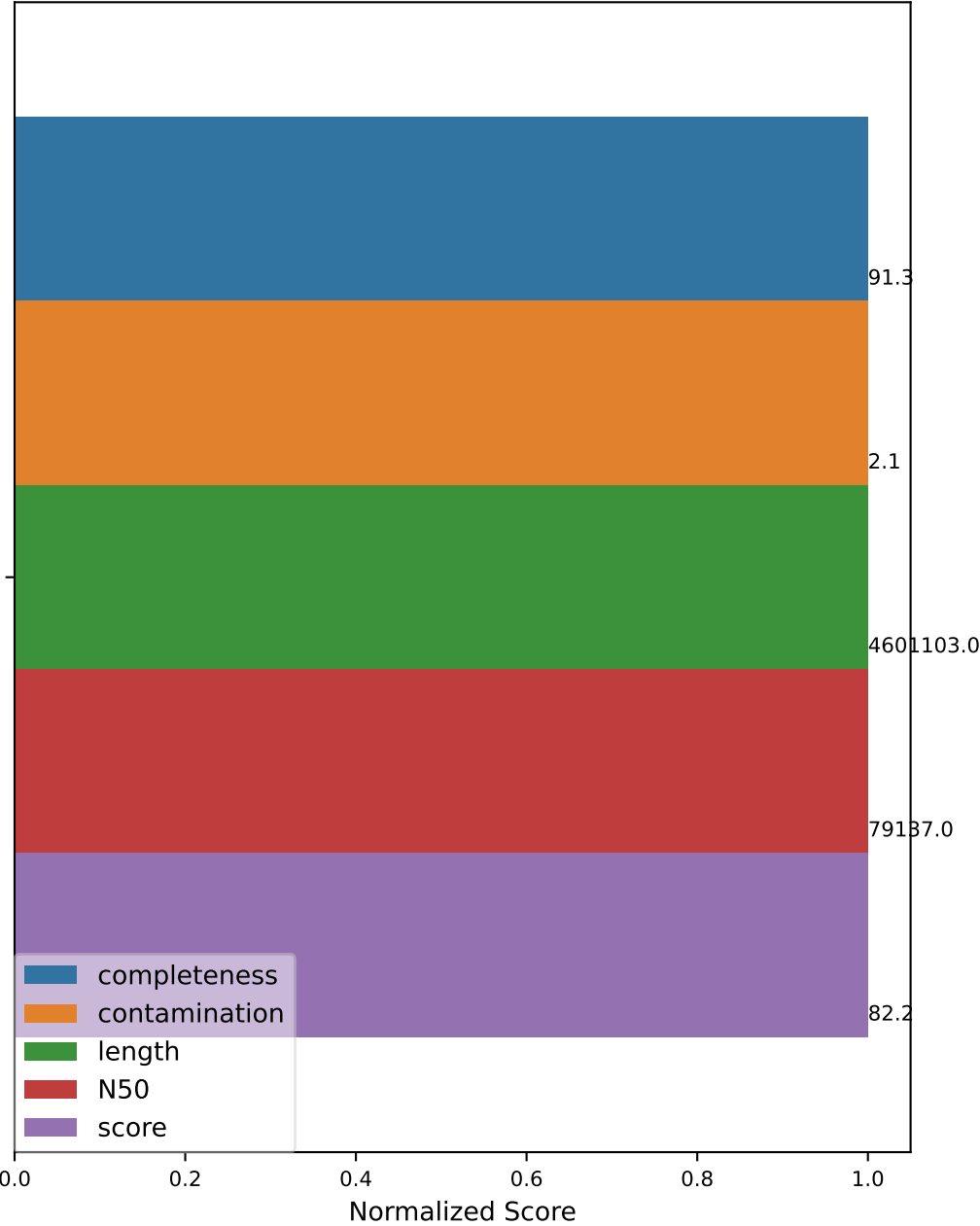
TOBG\_RS-349.fna \*



Scoring of cluster 428\_0

genome

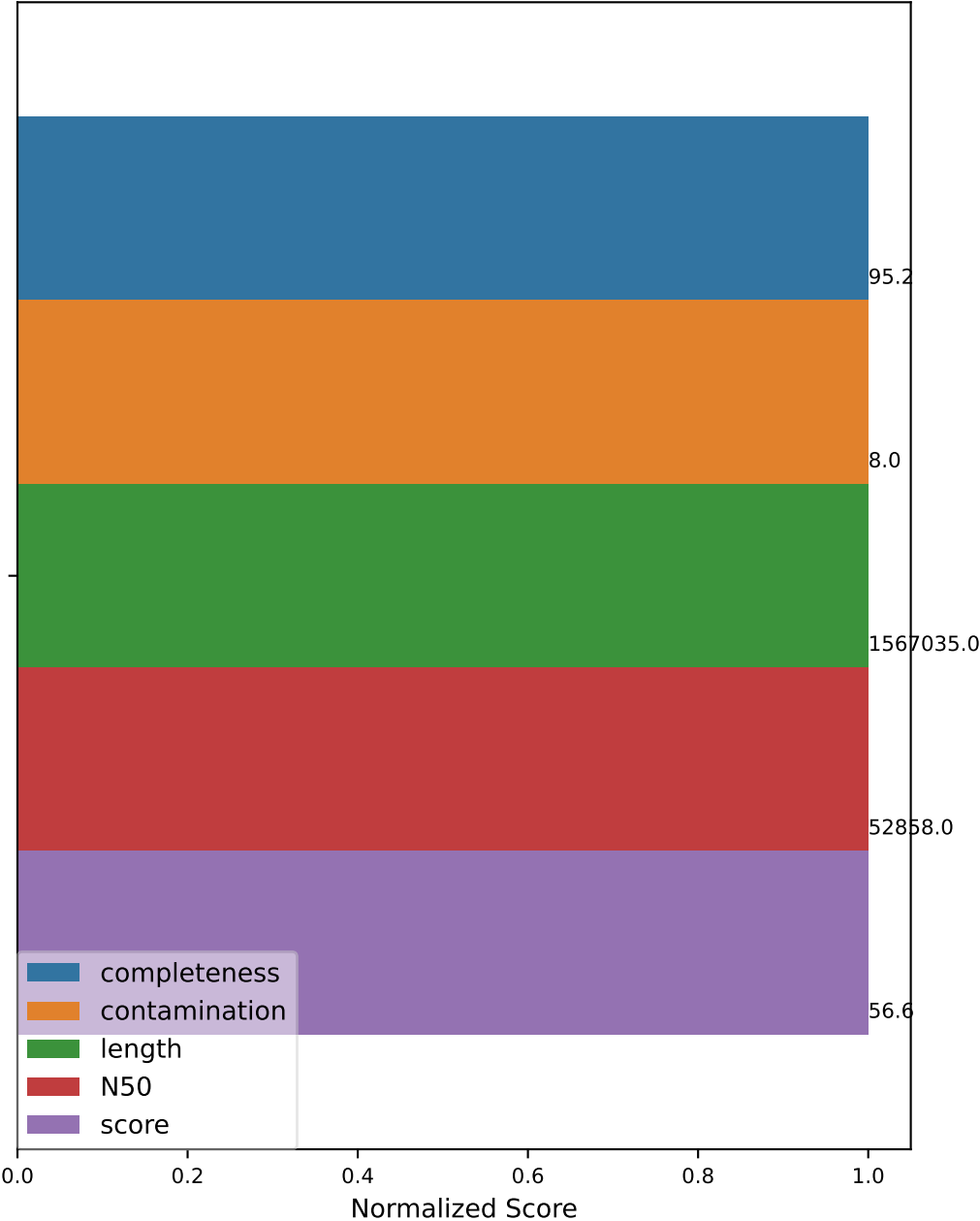
TOBG\_SP-234.fna \*



Scoring of cluster 429\_0

genome

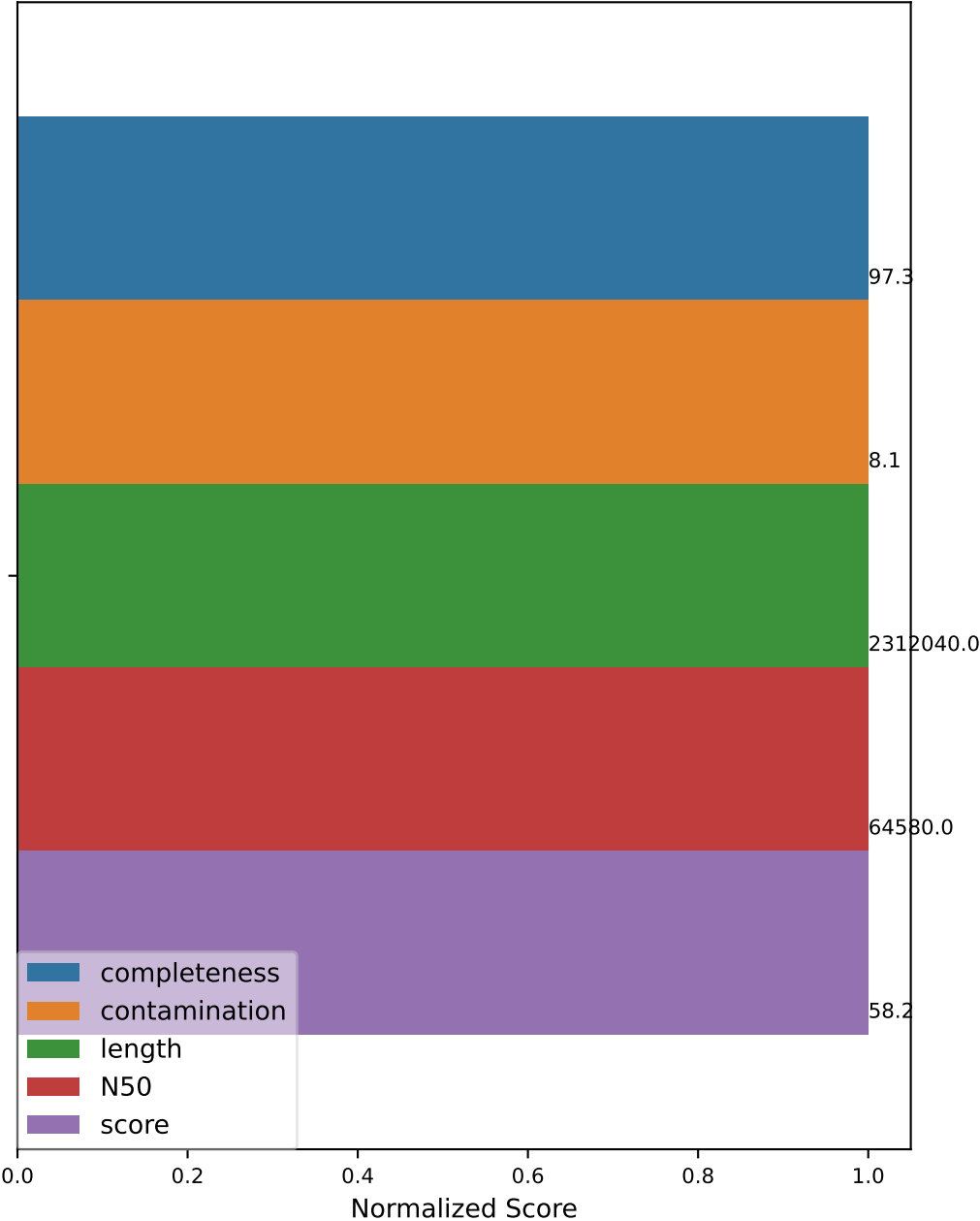
TOBG\_MED-593.fna \*



Scoring of cluster 430\_0

genome

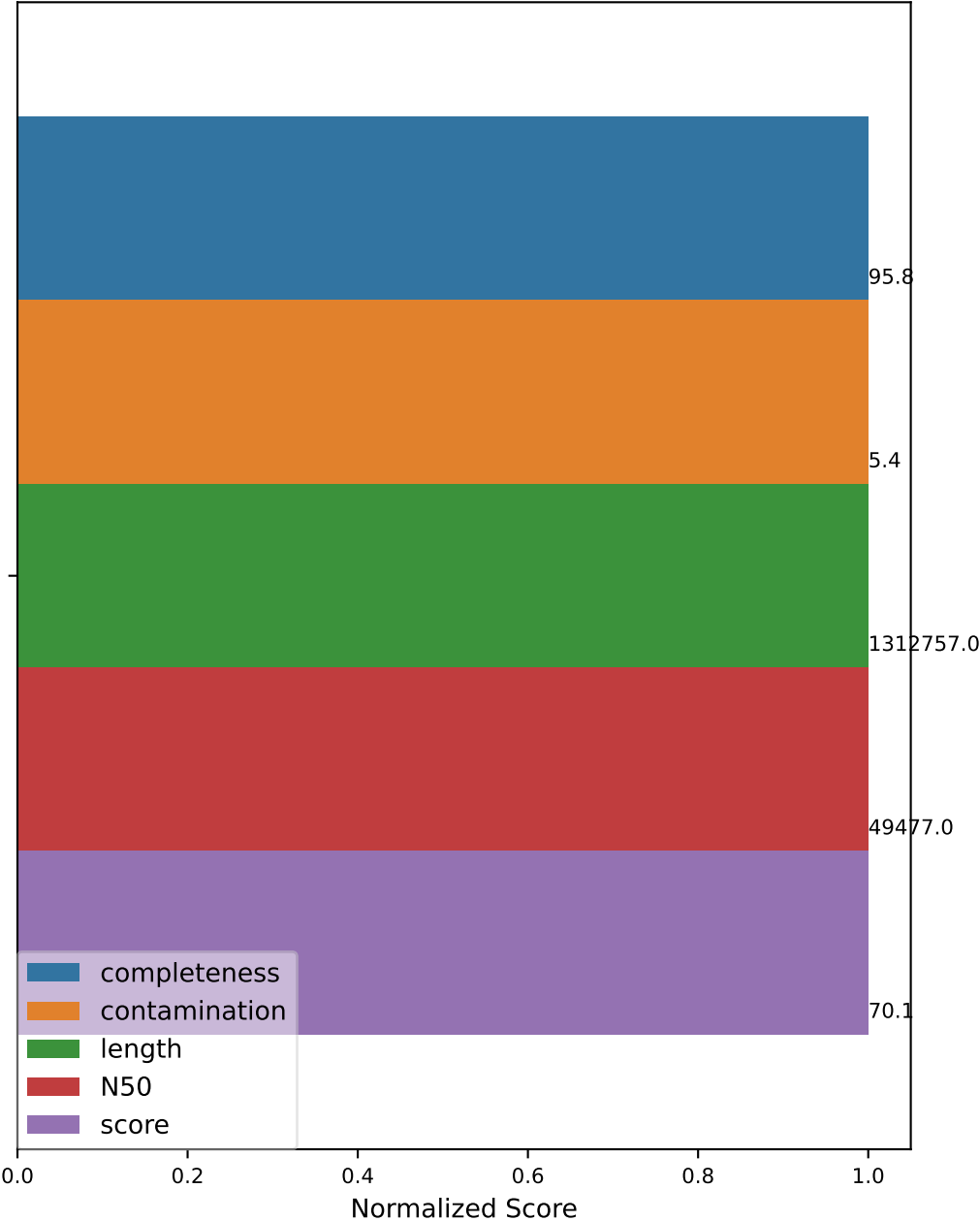
TOBG\_MED-741.fna \*

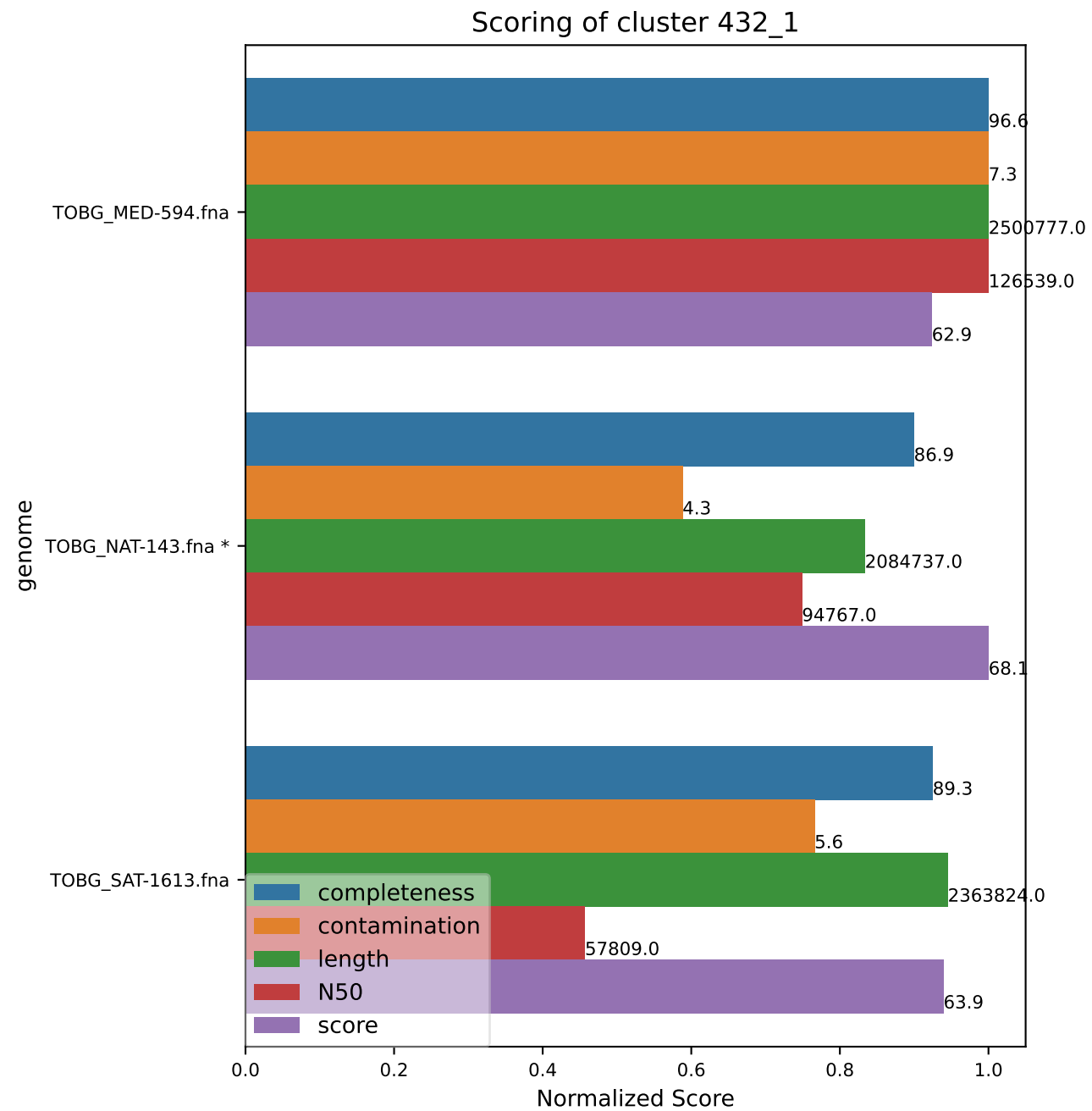


Scoring of cluster 431\_0

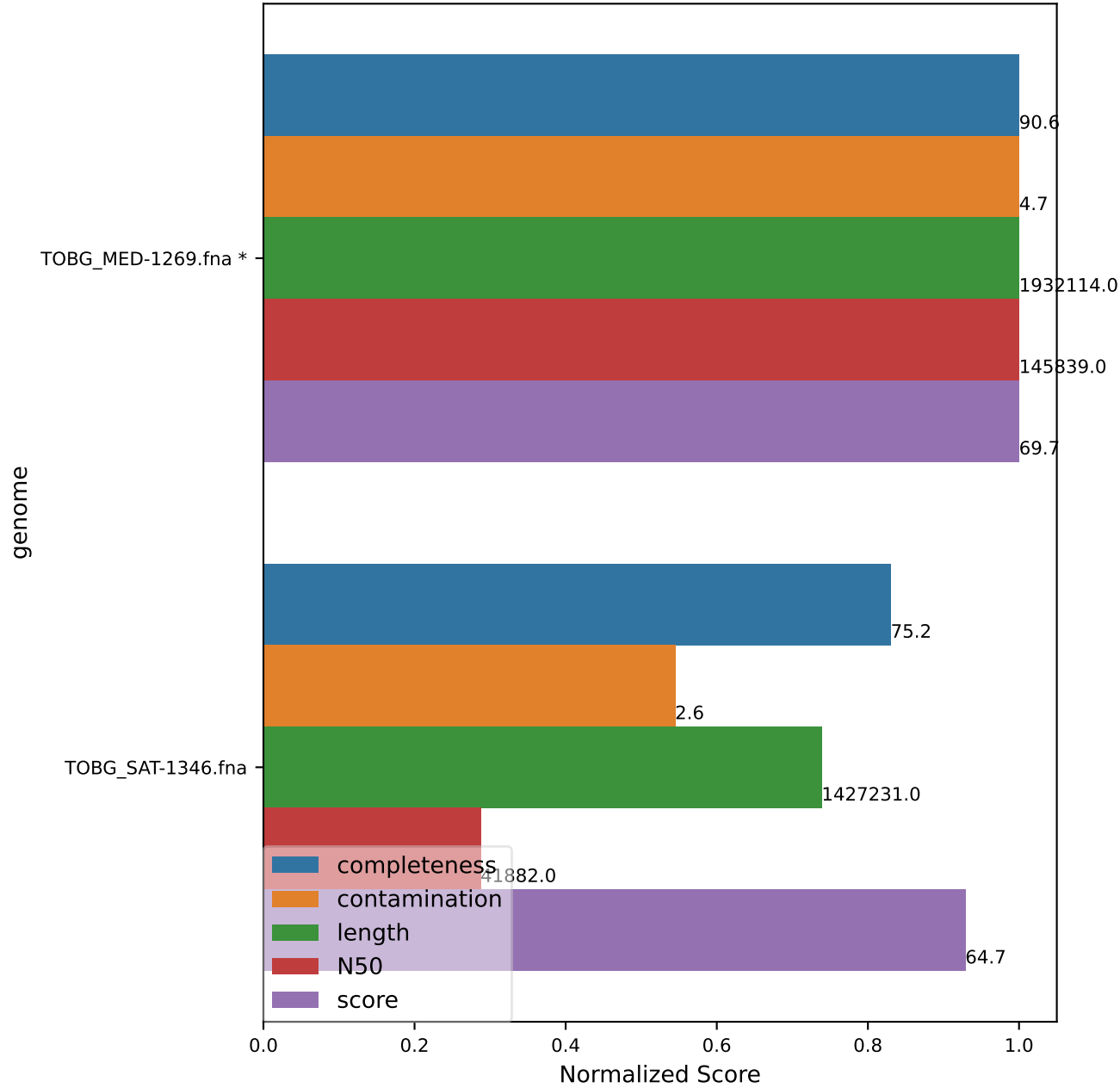
genome

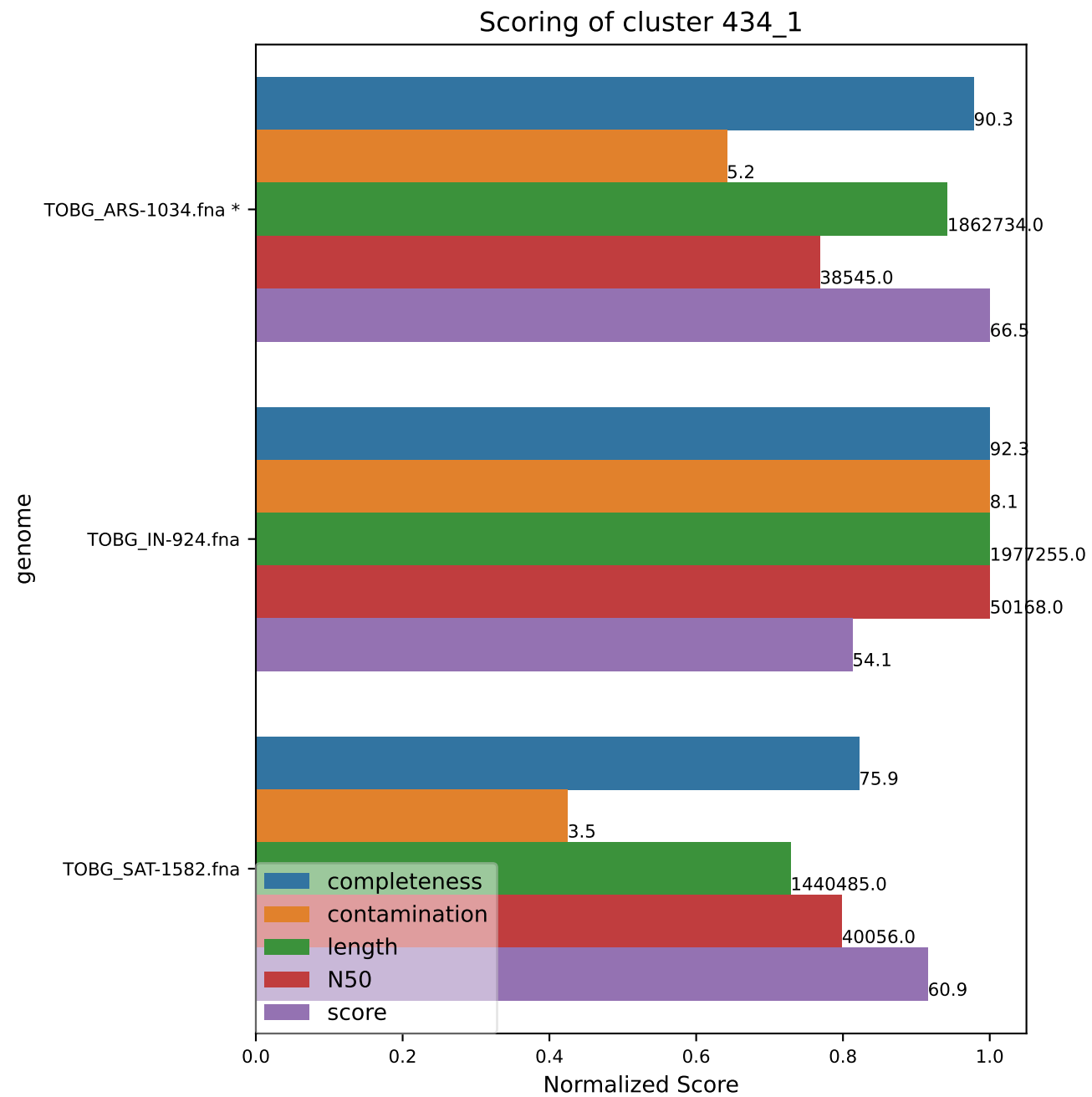
TOBG\_MED-739.fna \*





Scoring of cluster 433\_1



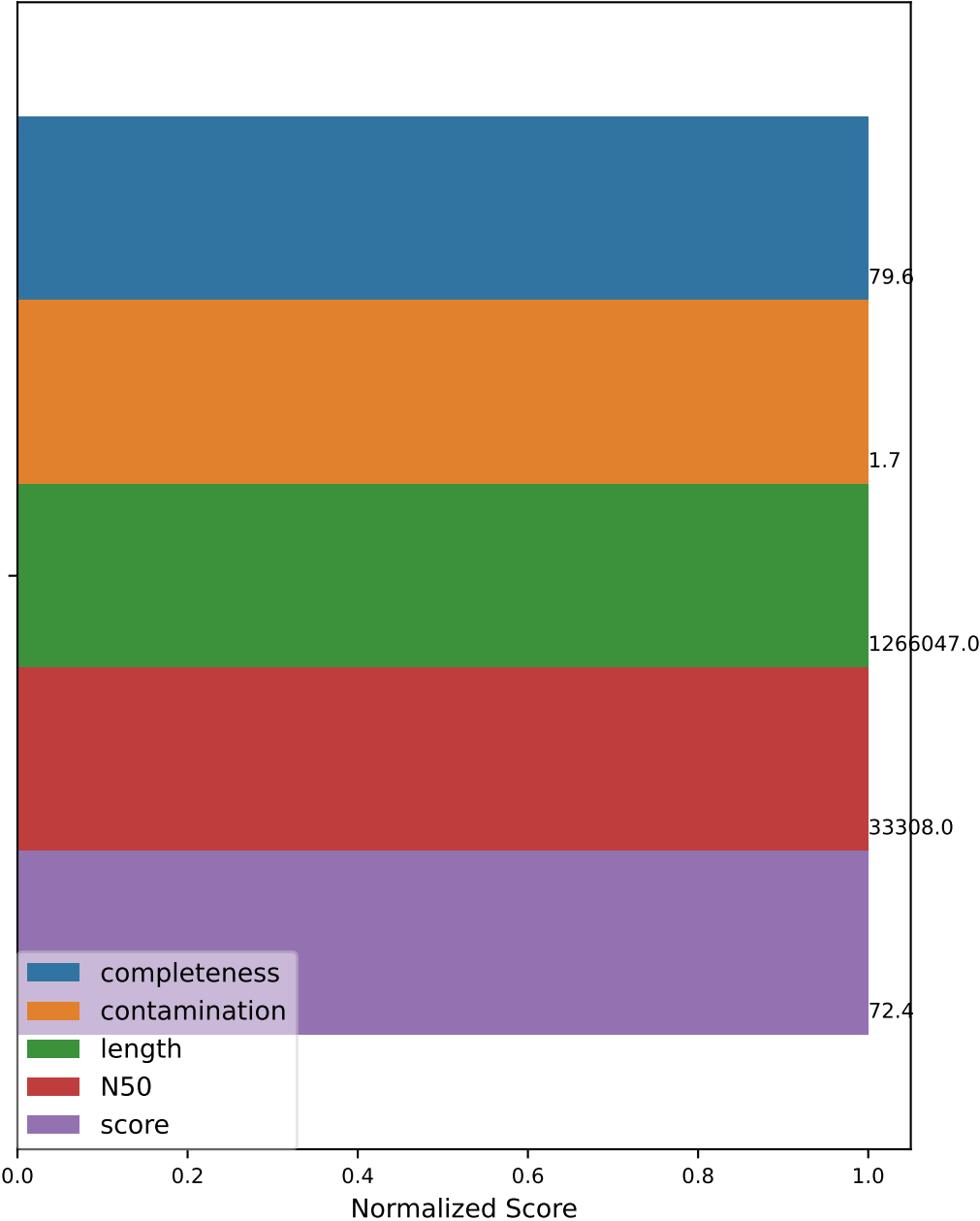




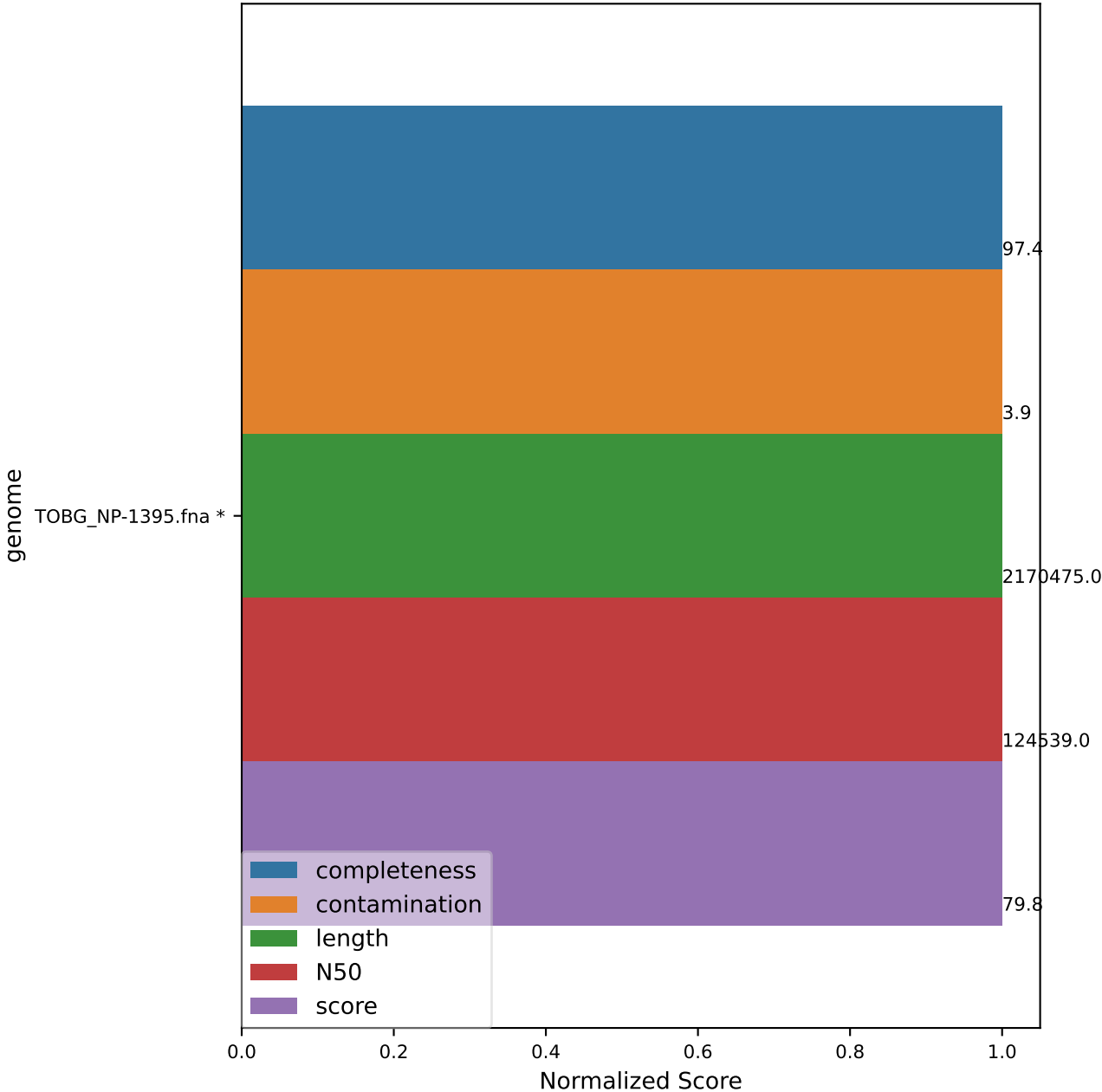
Scoring of cluster 435\_0

genome

TOBG\_SAT-161.fna \*



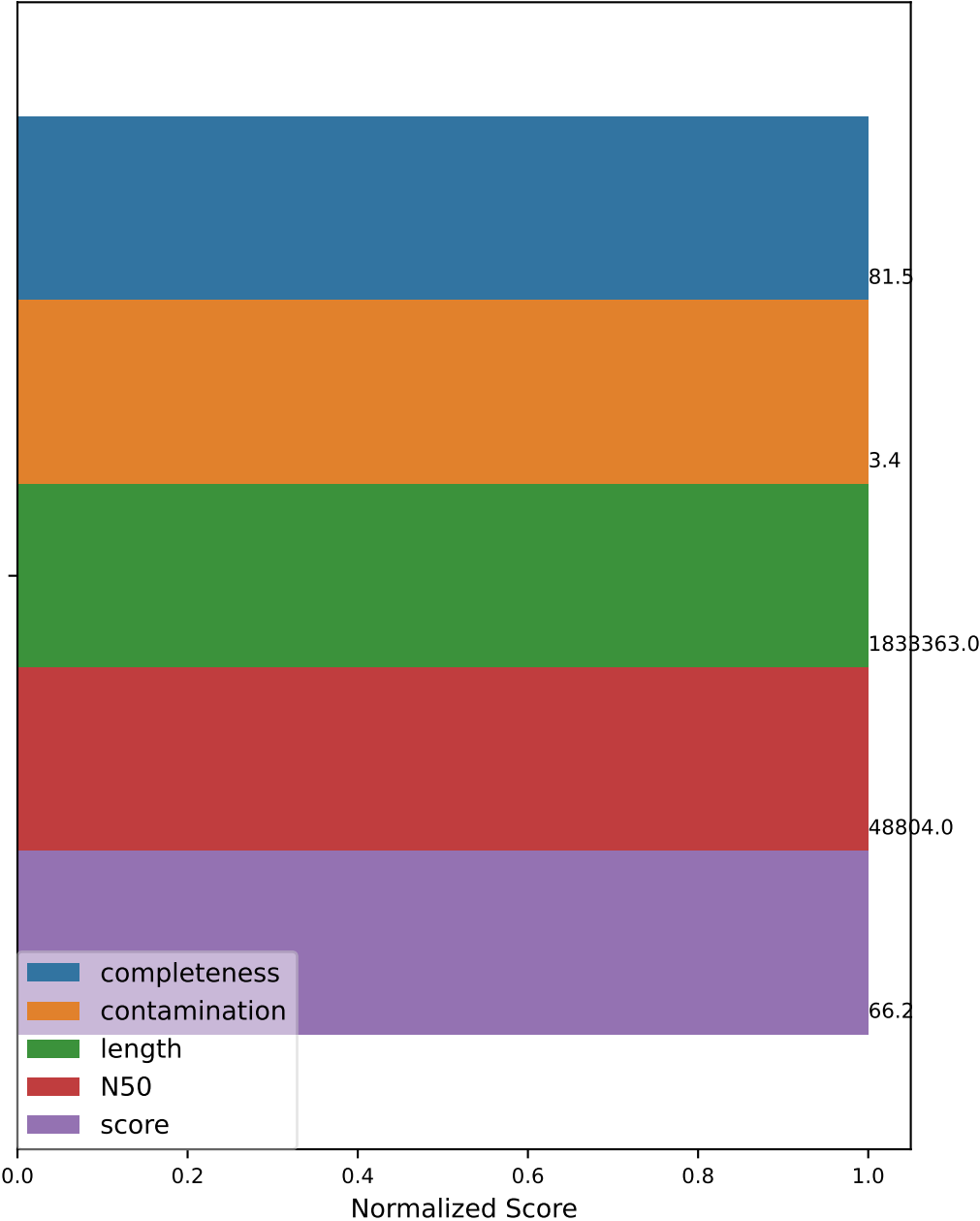
Scoring of cluster 436\_0



Scoring of cluster 437\_0

genome

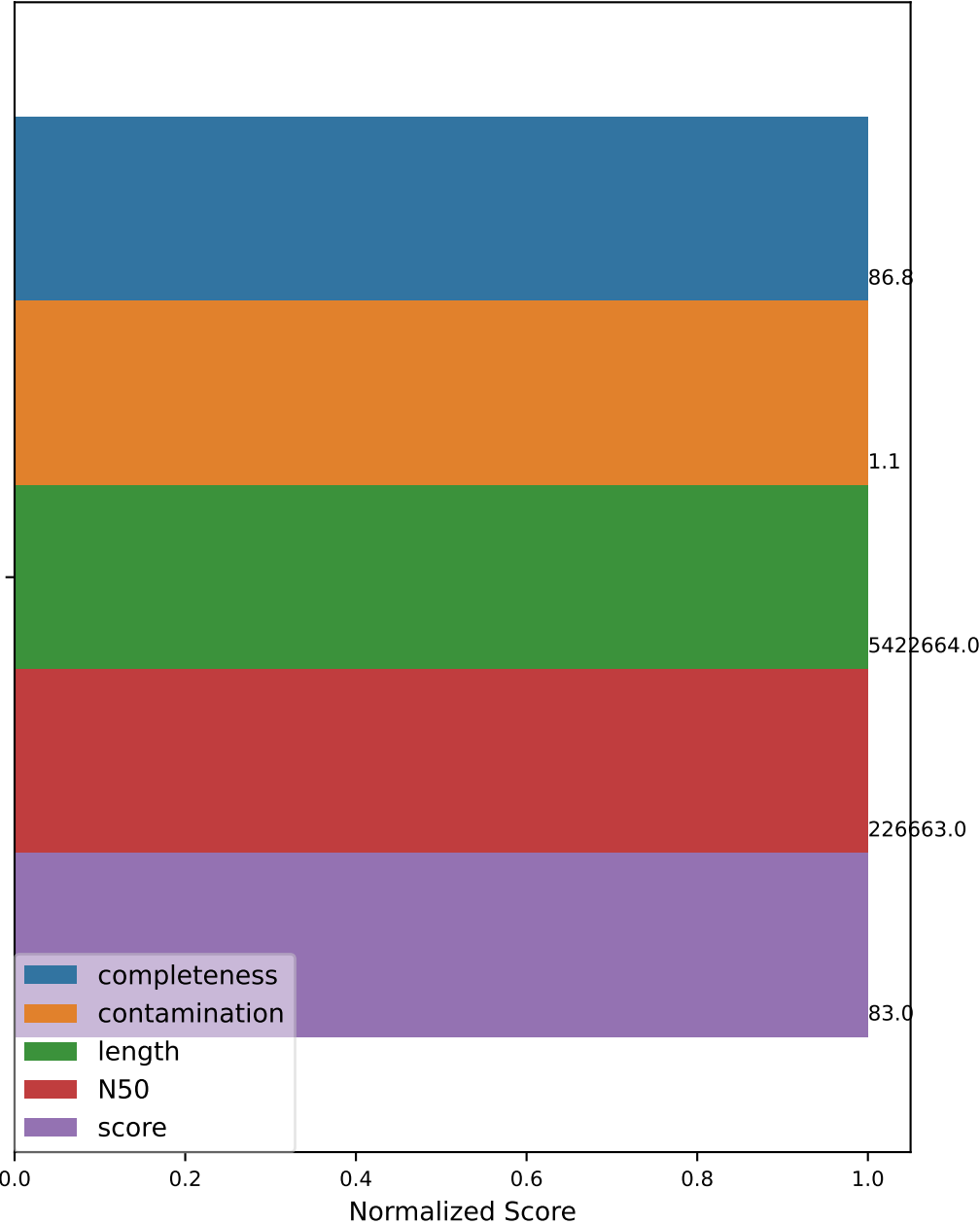
TOBG\_SAT-142.fna \*



Scoring of cluster 438\_0

genome

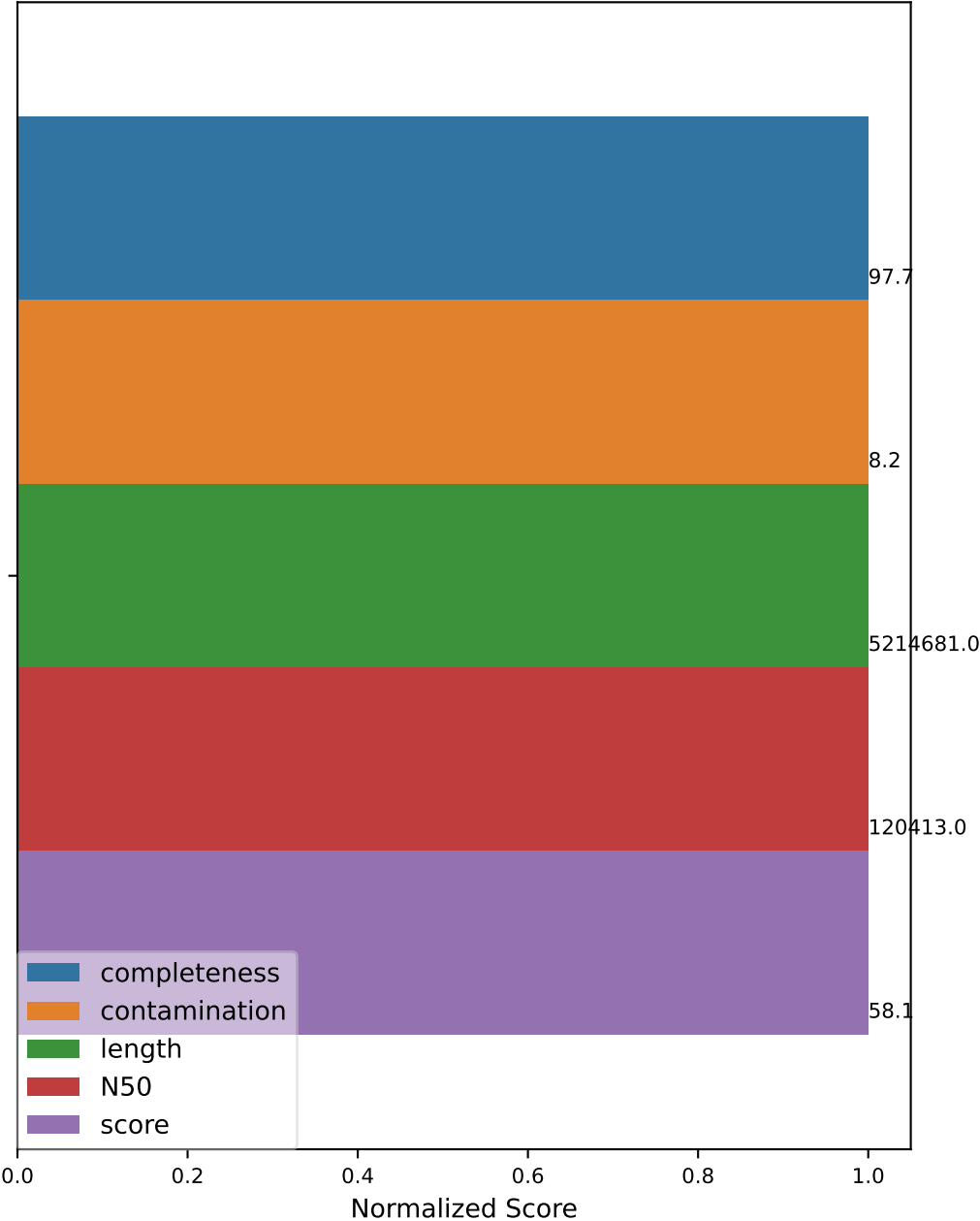
TOBG\_RS-821.fna \*



Scoring of cluster 439\_0

genome

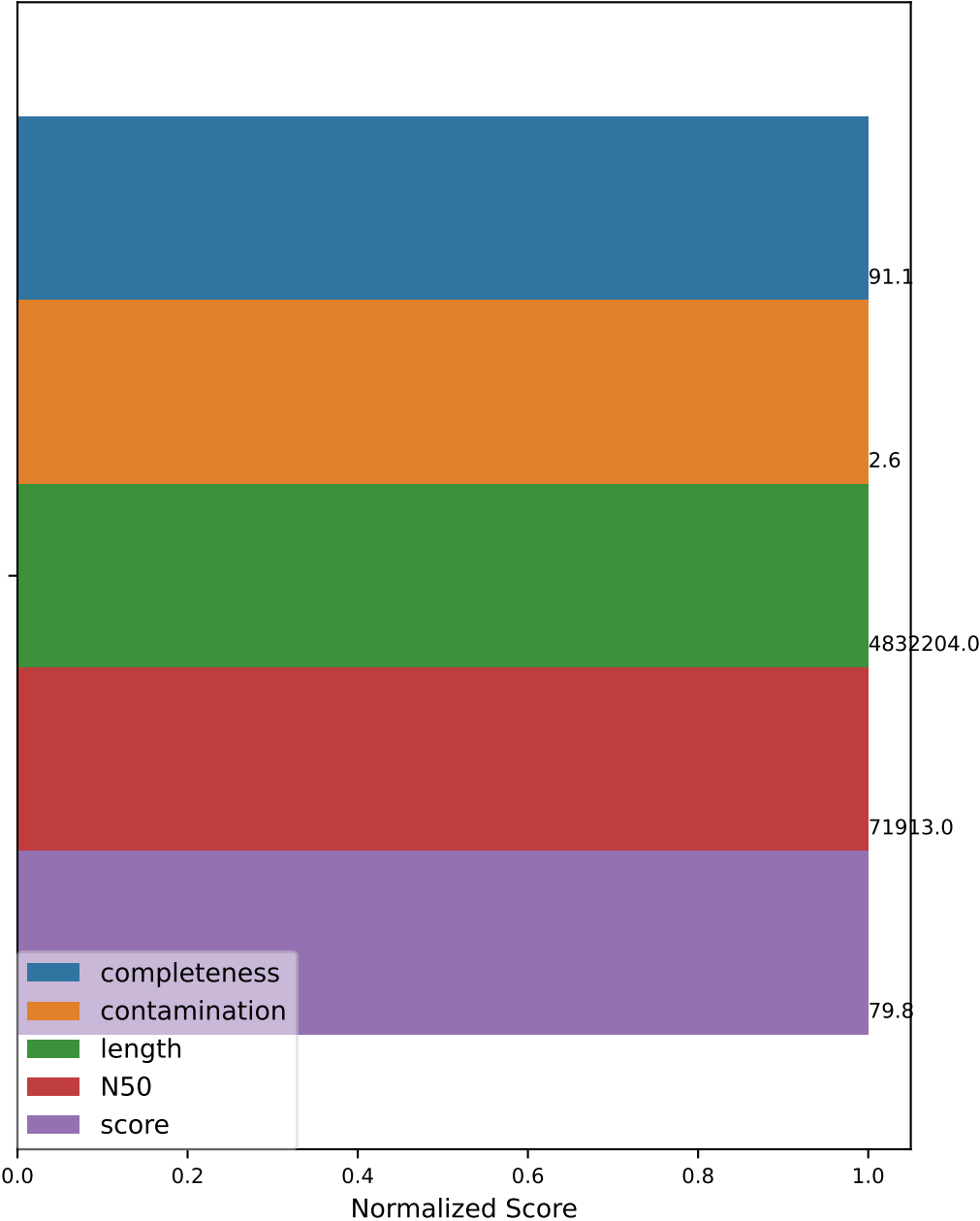
TOBG\_SAT-128.fna \*



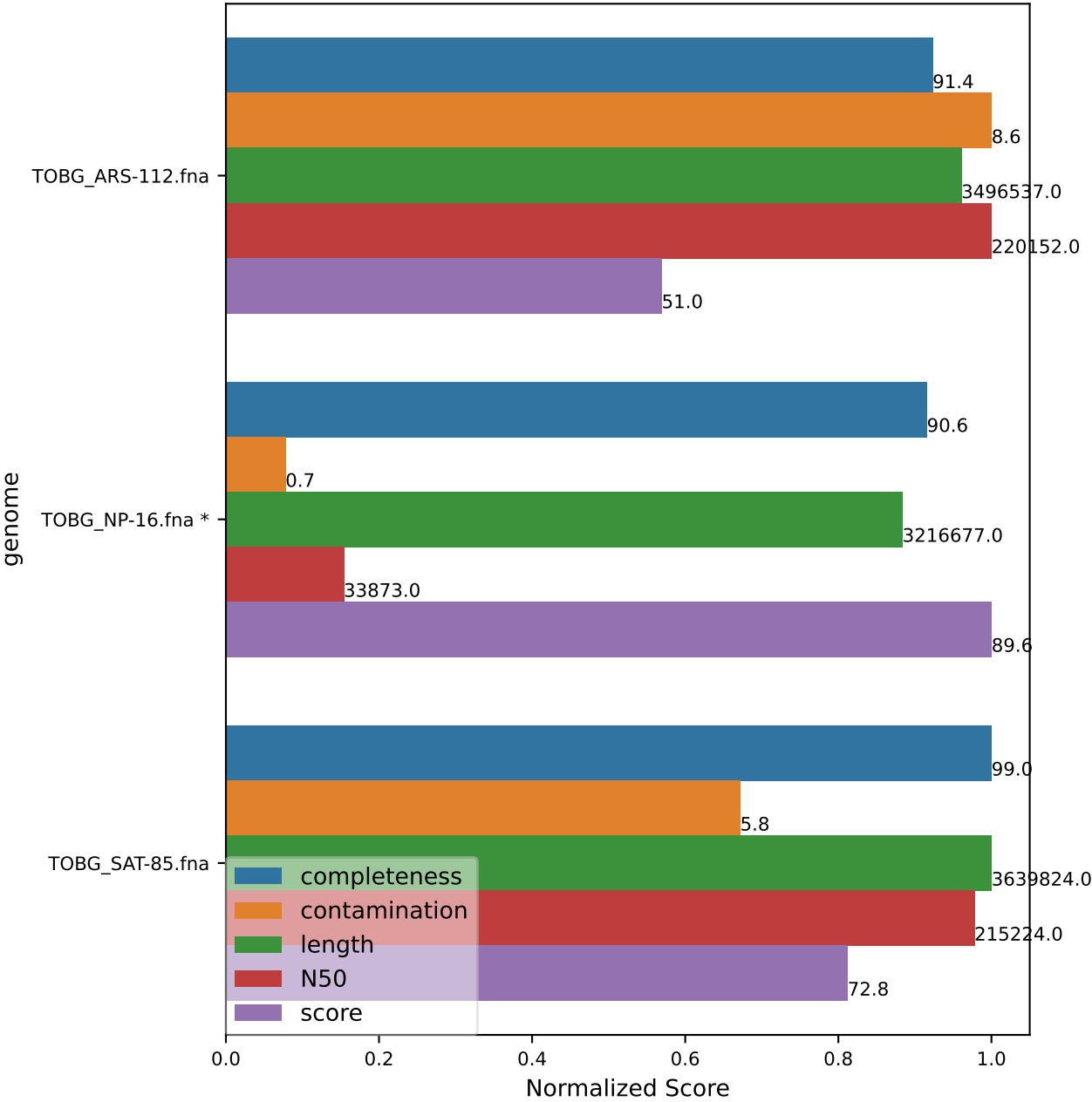
Scoring of cluster 440\_0

genome

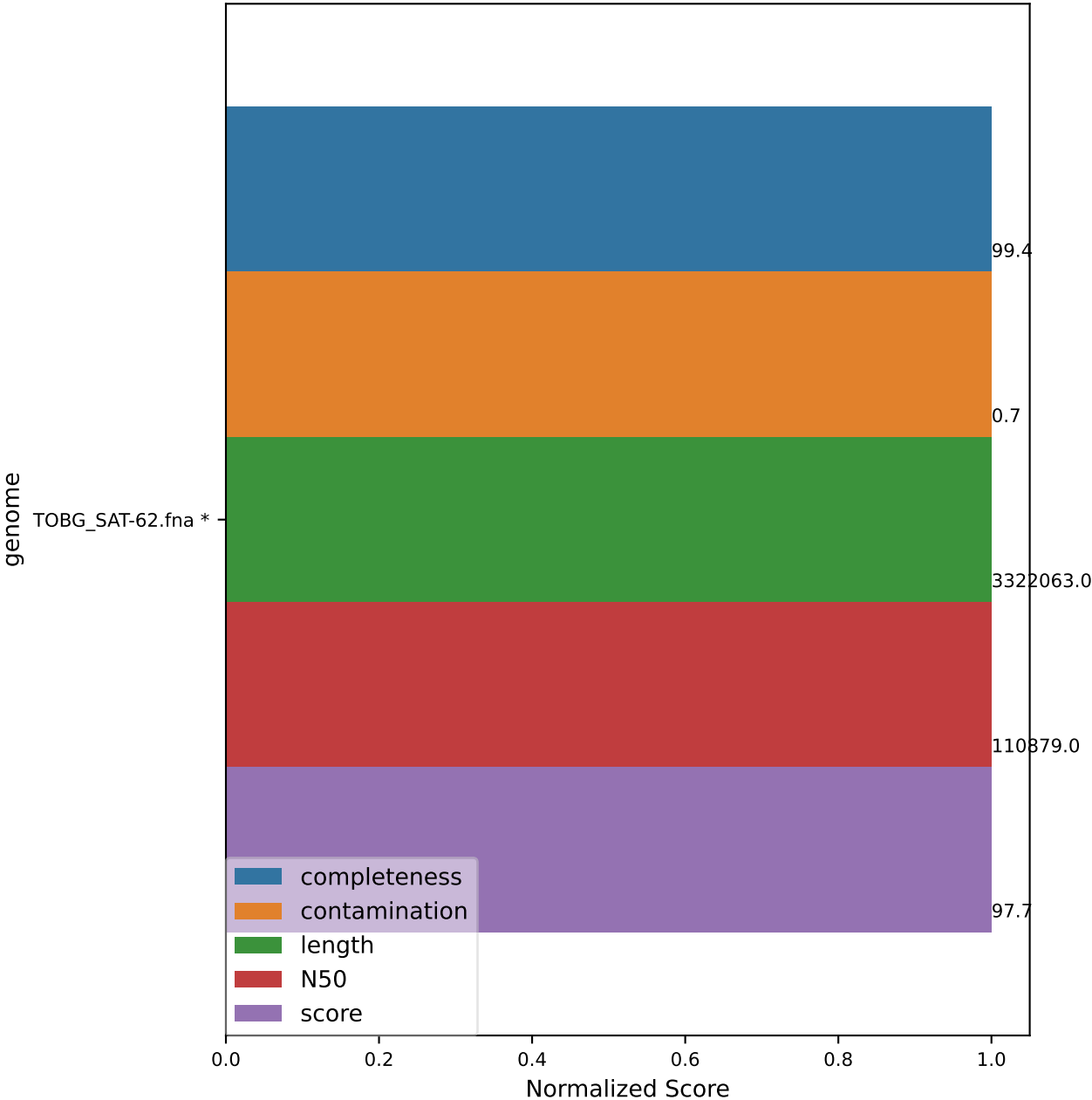
TOBG\_NAT-133.fna \*



Scoring of cluster 441\_1

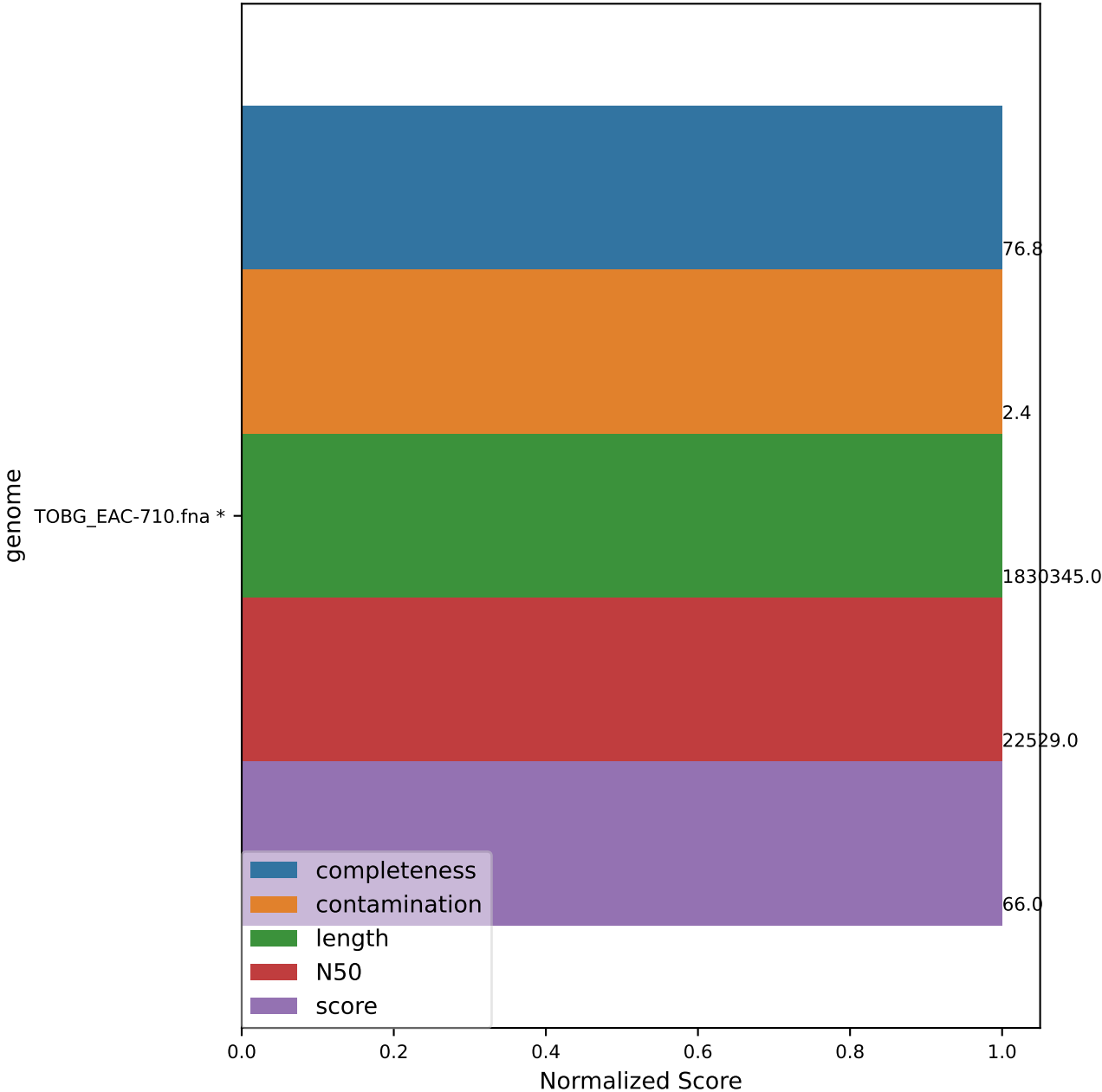


Scoring of cluster 441\_2





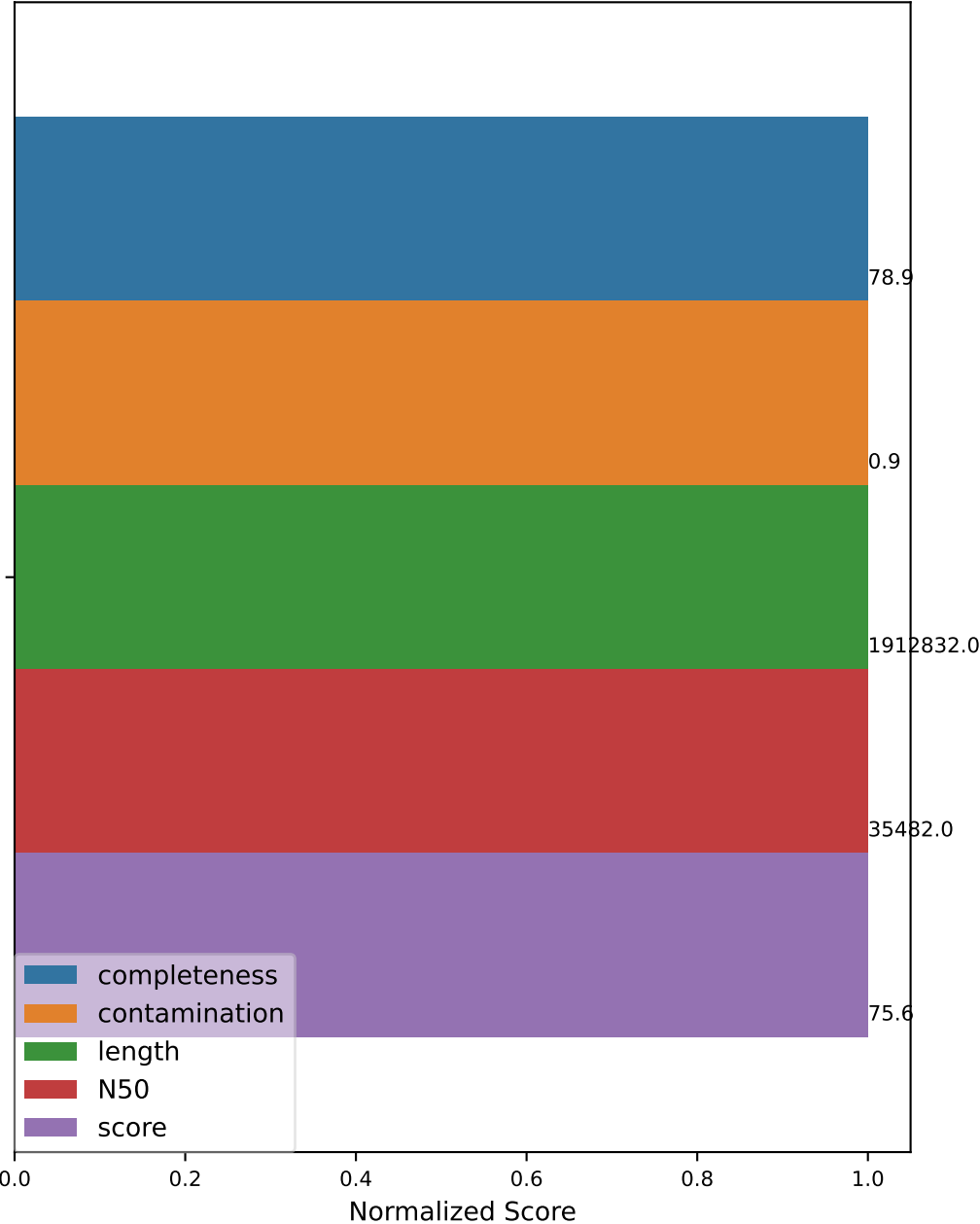
Scoring of cluster 442\_0



Scoring of cluster 443\_0

genome

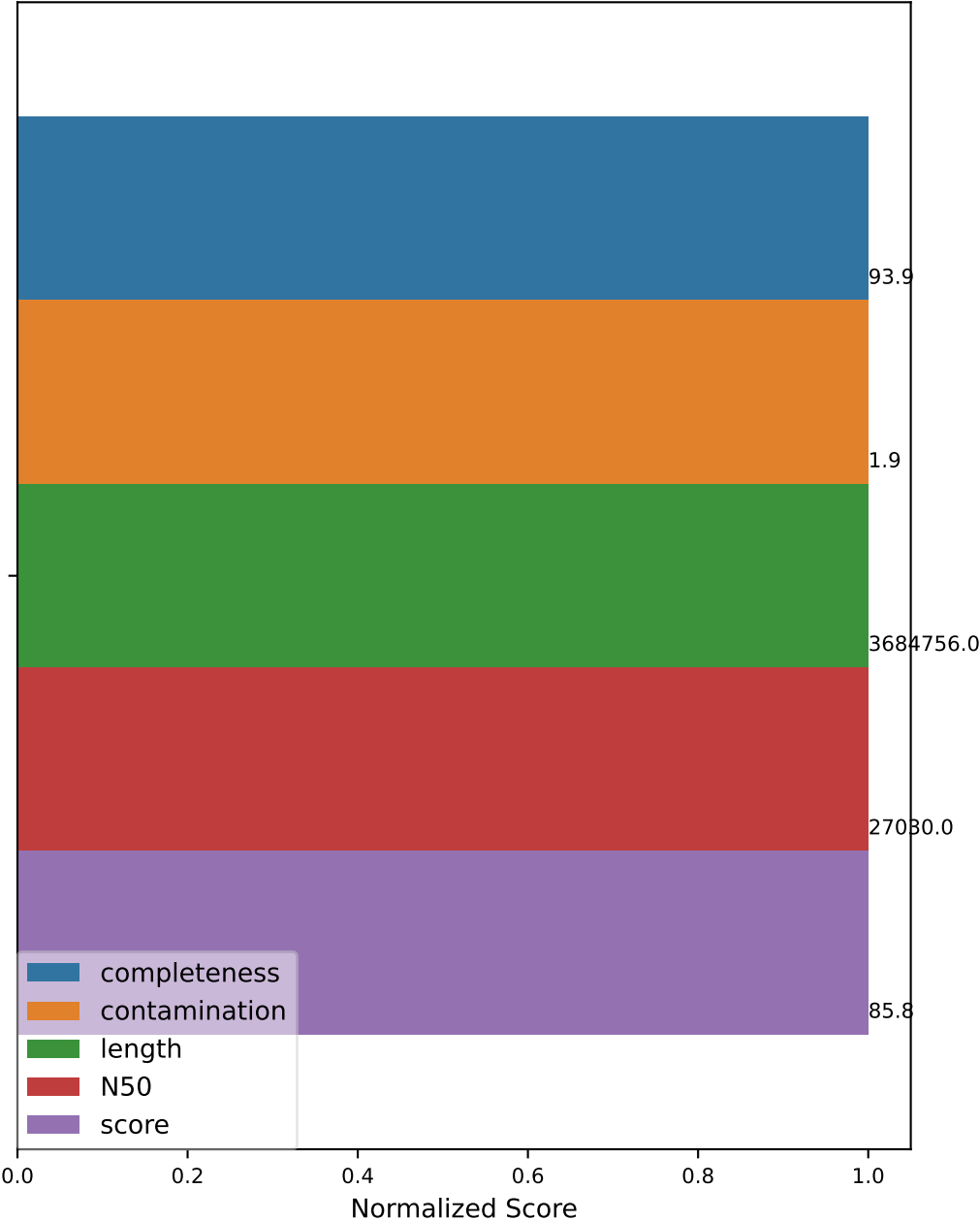
TOBG\_NAT-11.fna \*



Scoring of cluster 444\_0

genome

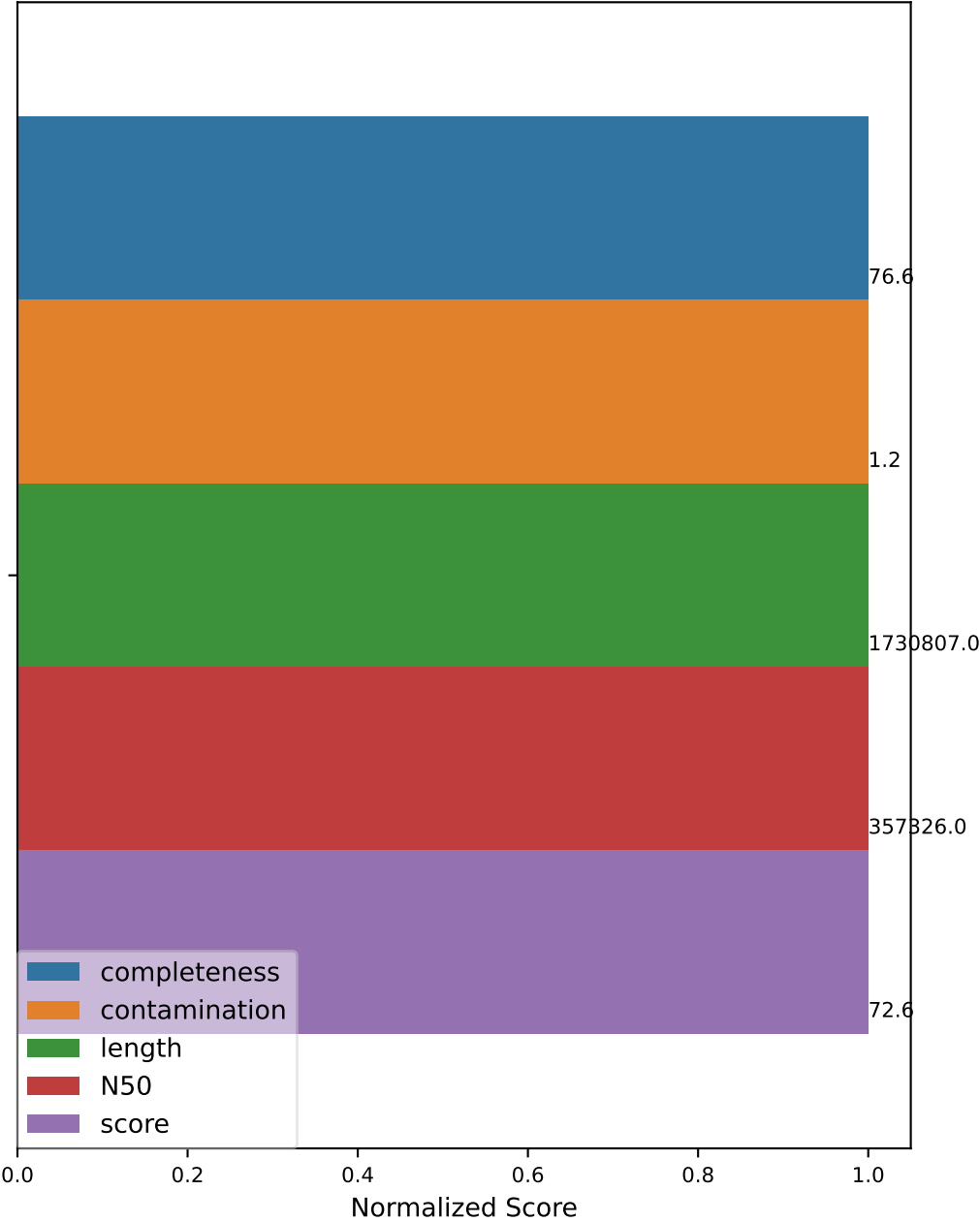
TOBG\_EAC-85.fna \*



Scoring of cluster 445\_0

genome

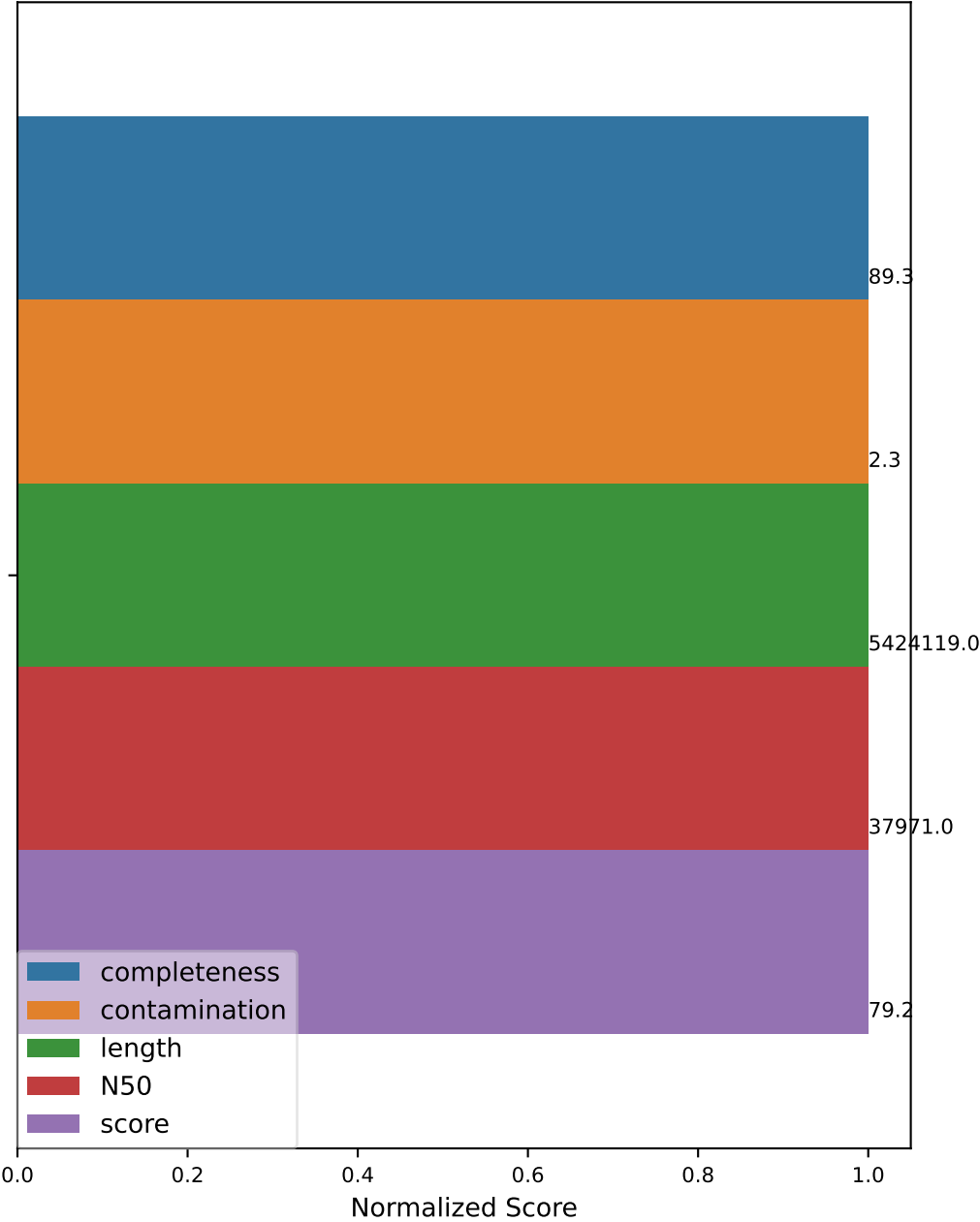
TOBG\_MED-783.fna \*



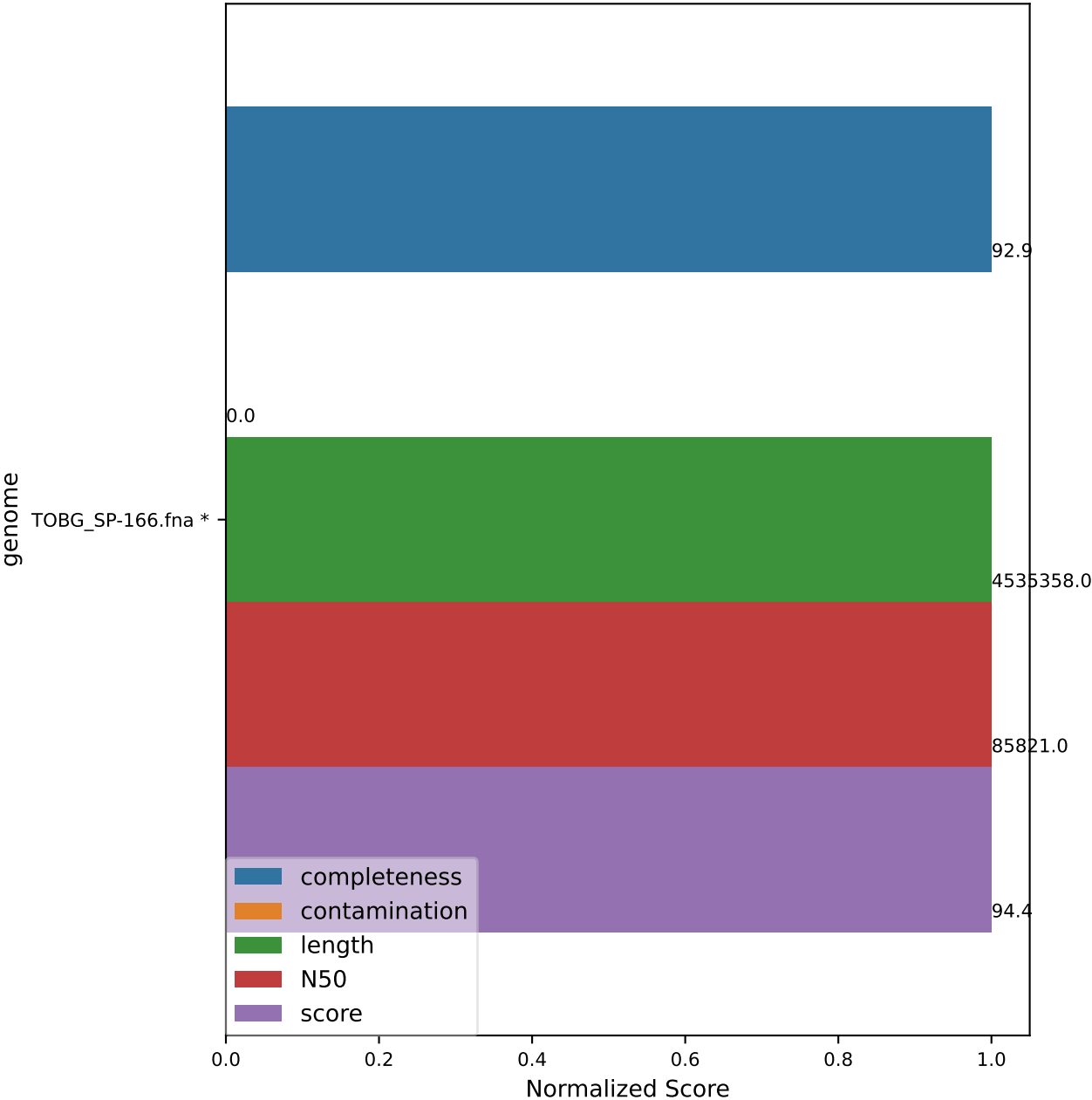
Scoring of cluster 446\_0

genome

TOBG\_NAT-14.fna \*



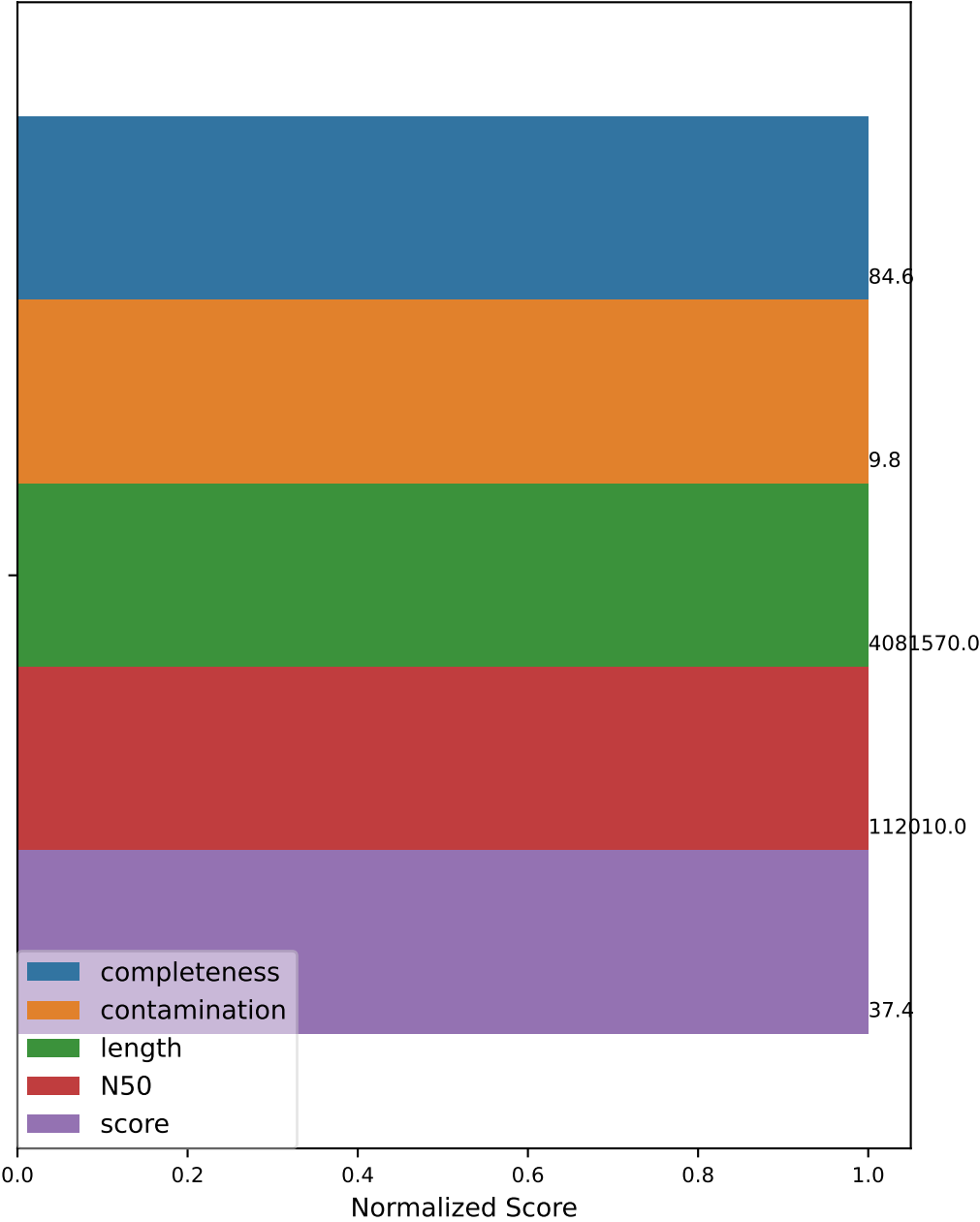
Scoring of cluster 447\_0



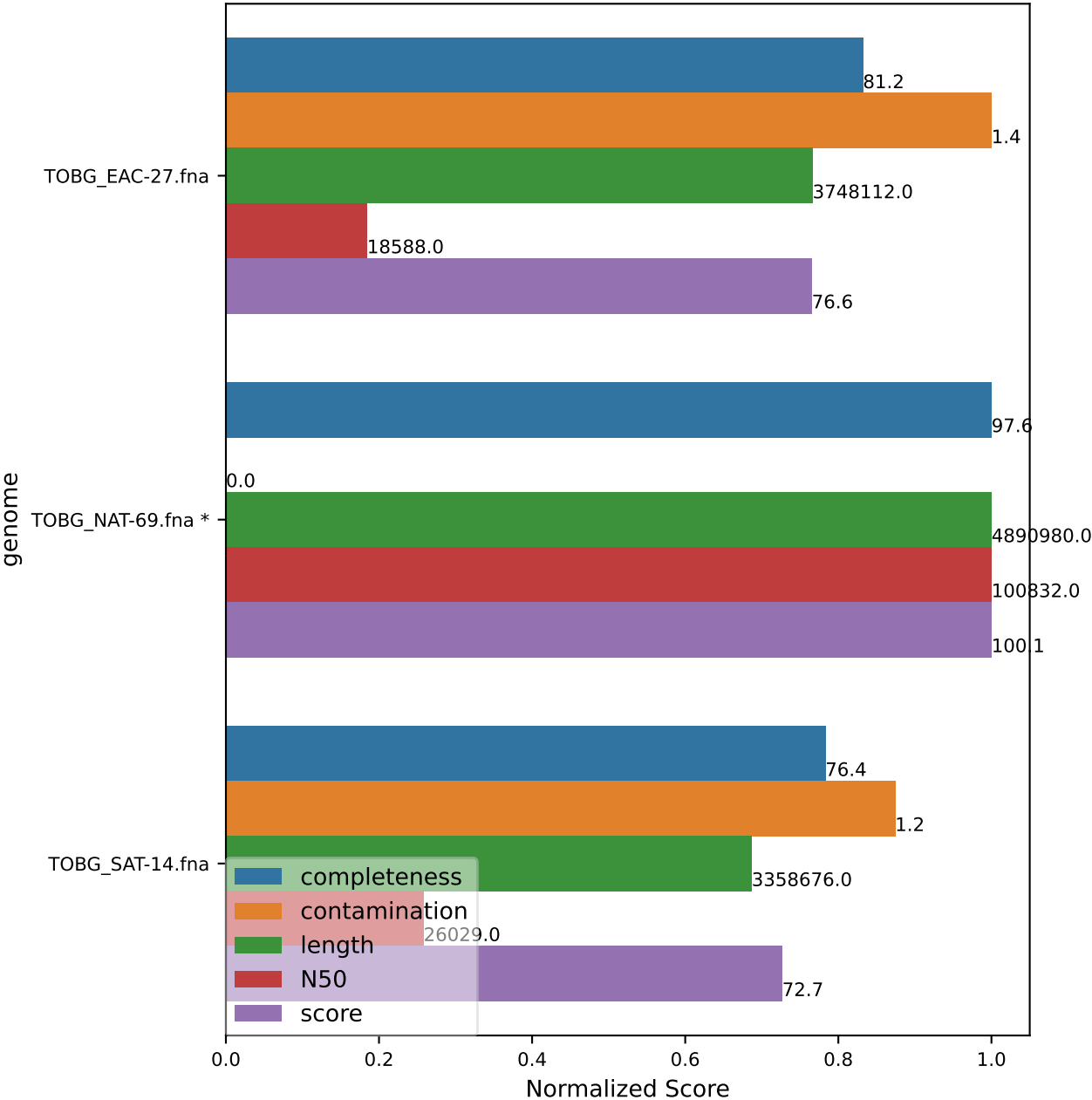
Scoring of cluster 448\_0

genome

TOBG\_SP-3035.fna \*



Scoring of cluster 449\_1

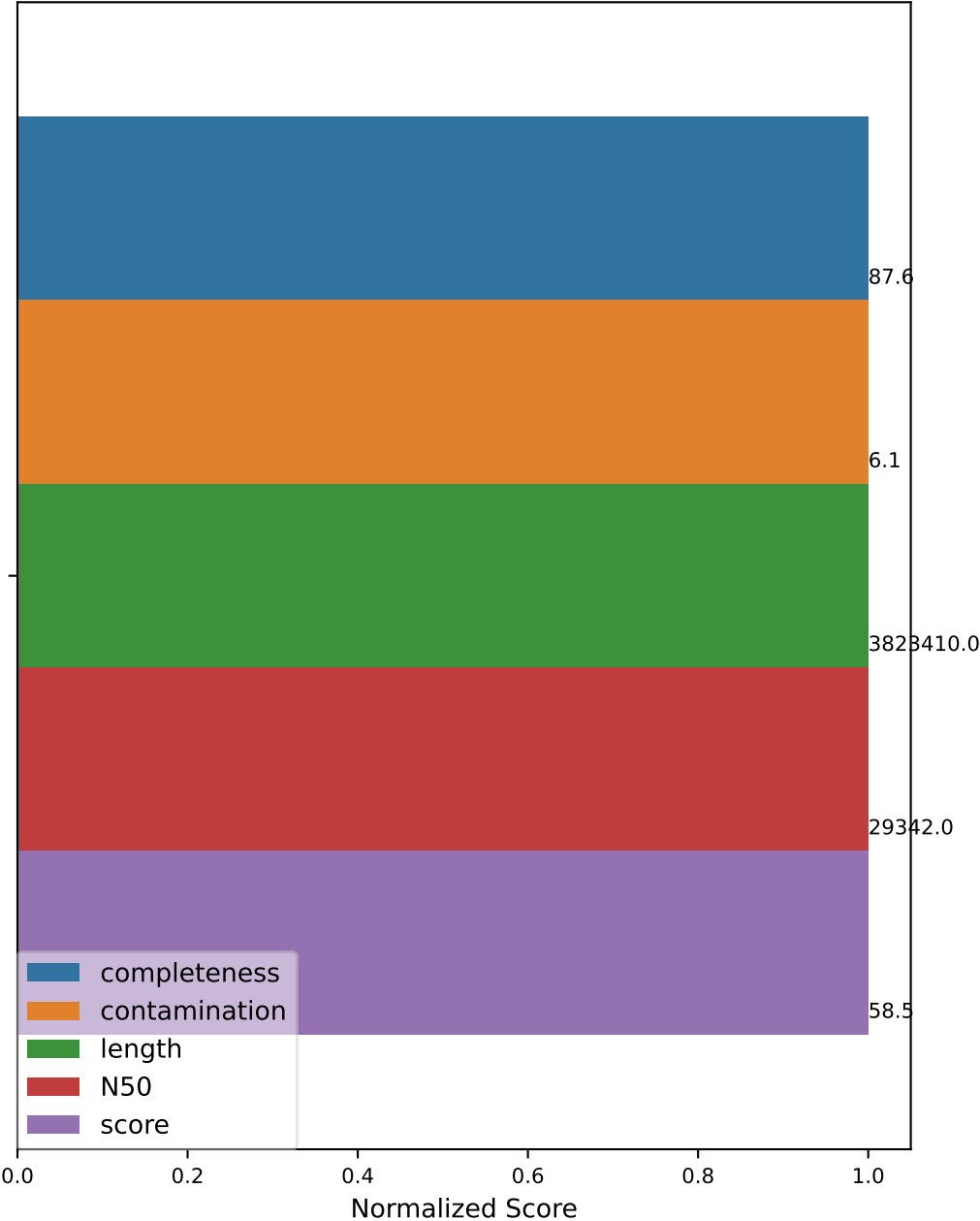




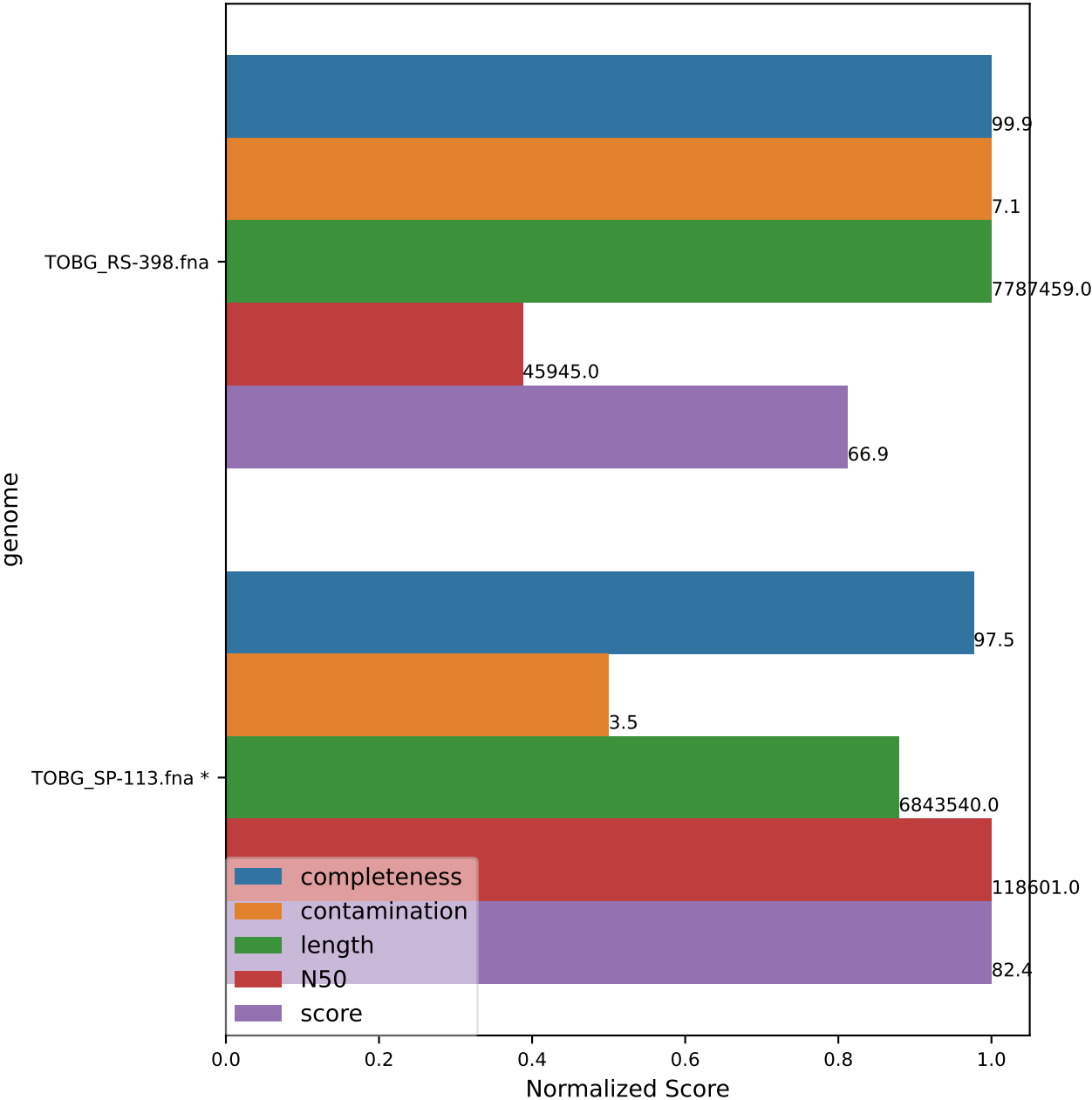
Scoring of cluster 450\_0

genome

TOBG\_SAT-1610.fna \*



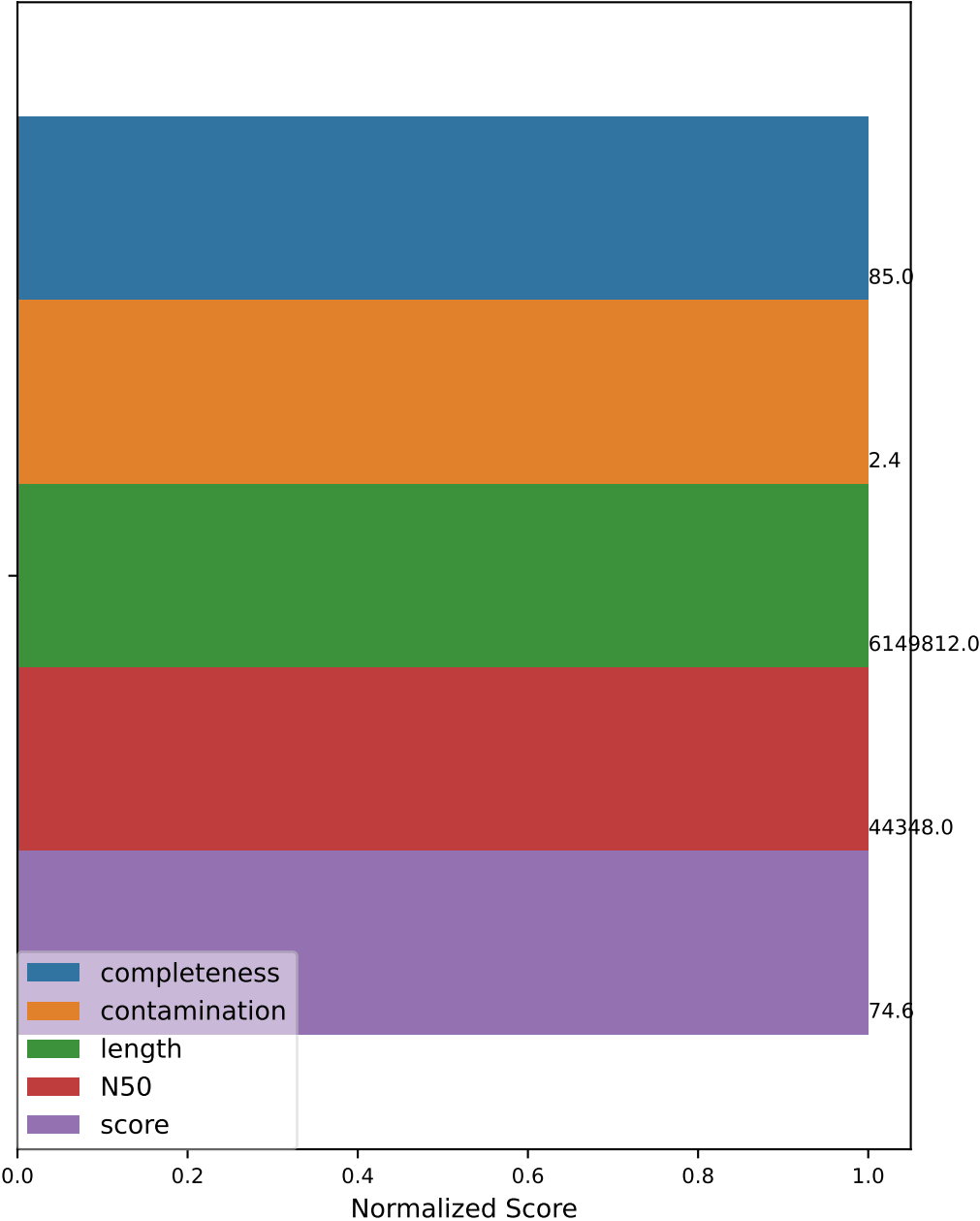
Scoring of cluster 451\_1



Scoring of cluster 452\_0

genome

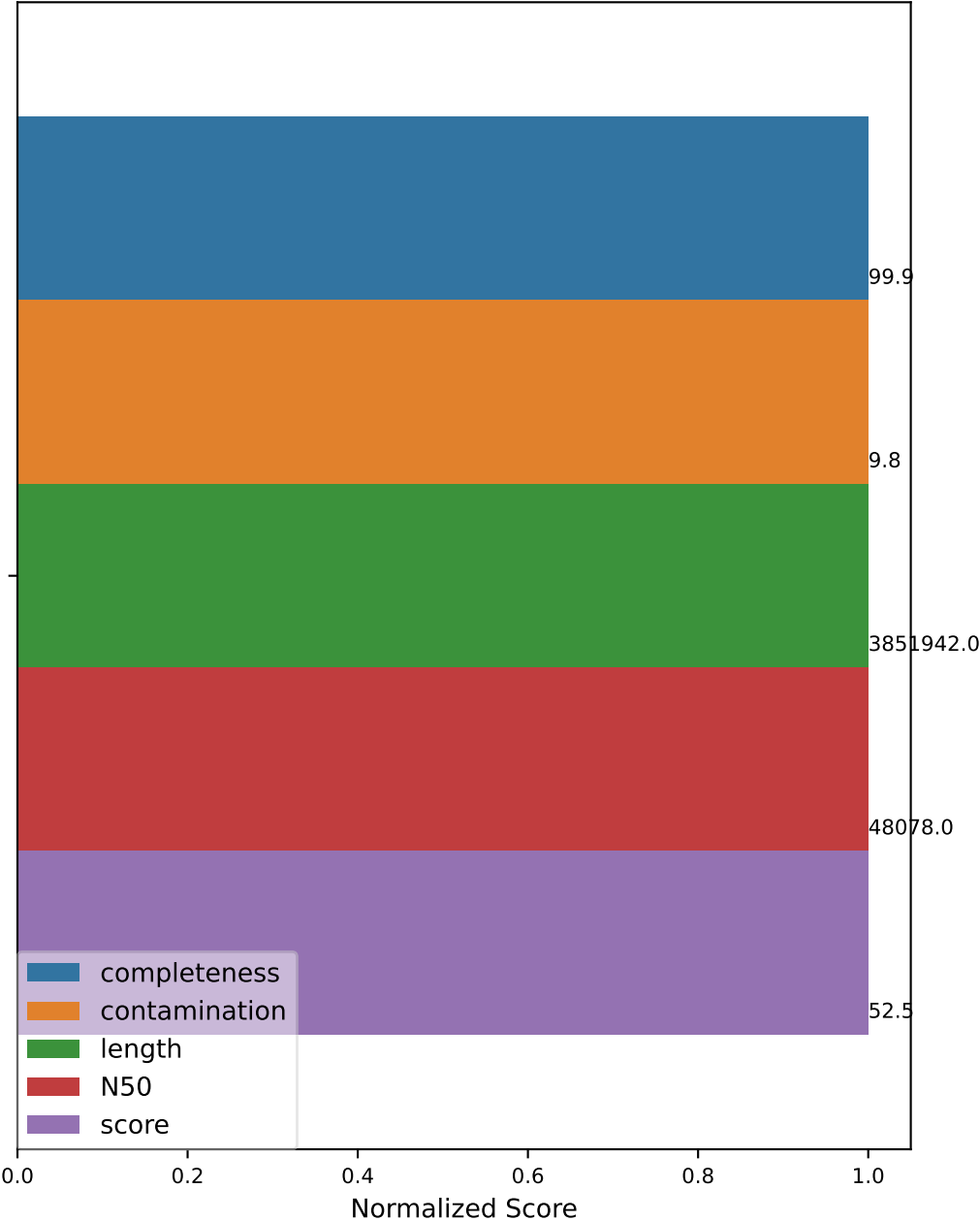
TOBG\_SP-141.fna \*



Scoring of cluster 453\_0

genome

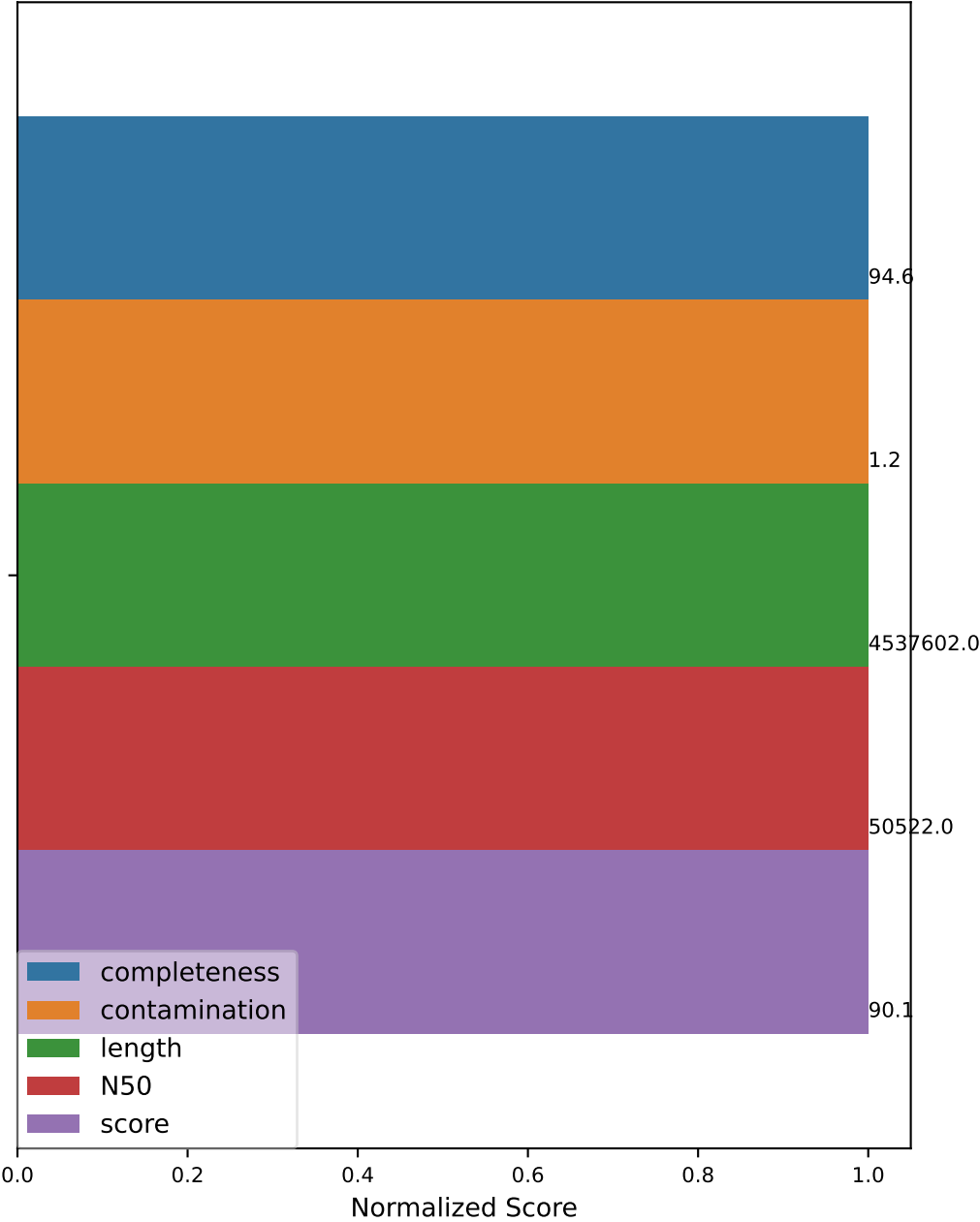
TOBG\_MED-643.fna \*



Scoring of cluster 454\_0

genome

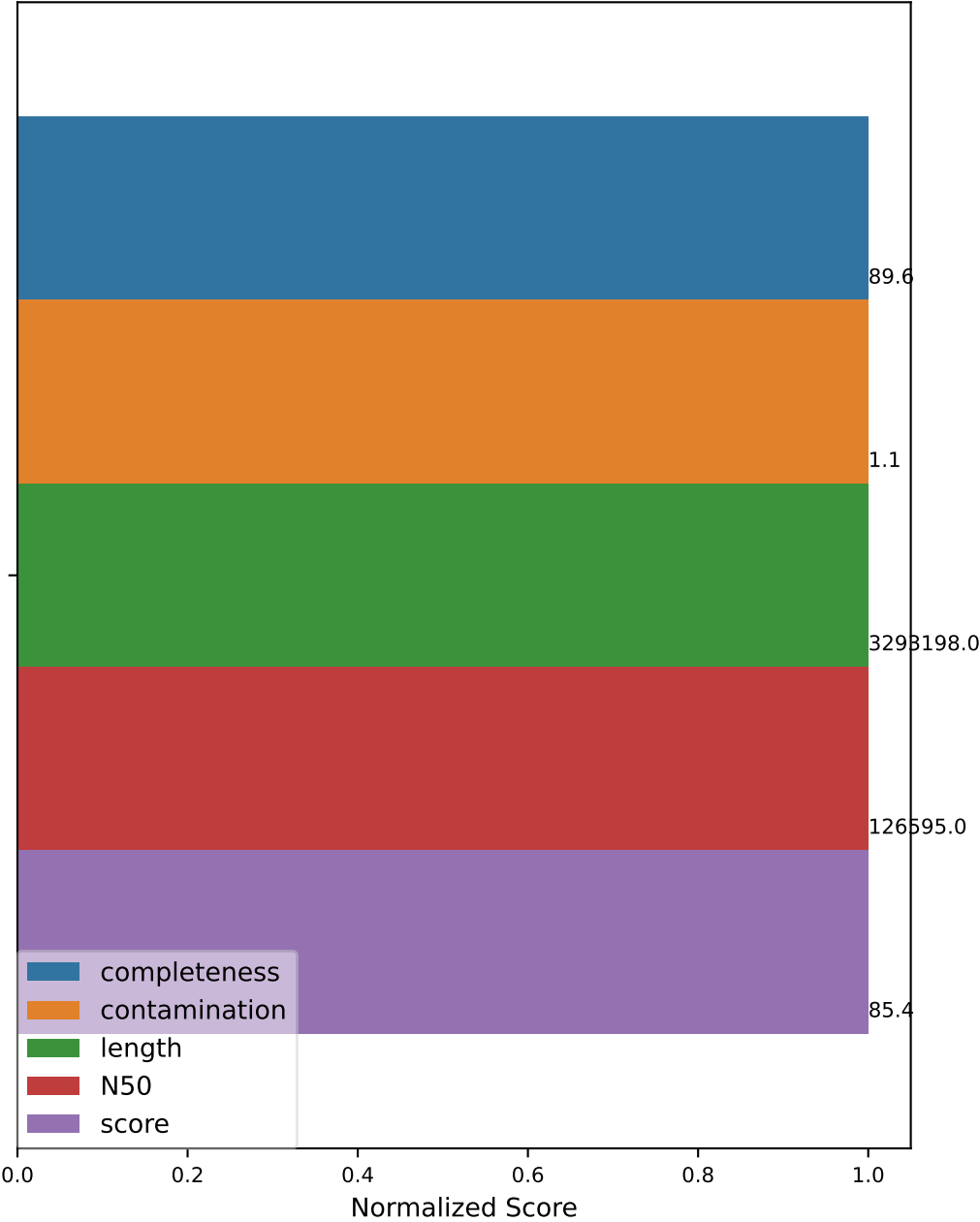
TOBG\_SAT-12.fna \*



Scoring of cluster 455\_0

genome

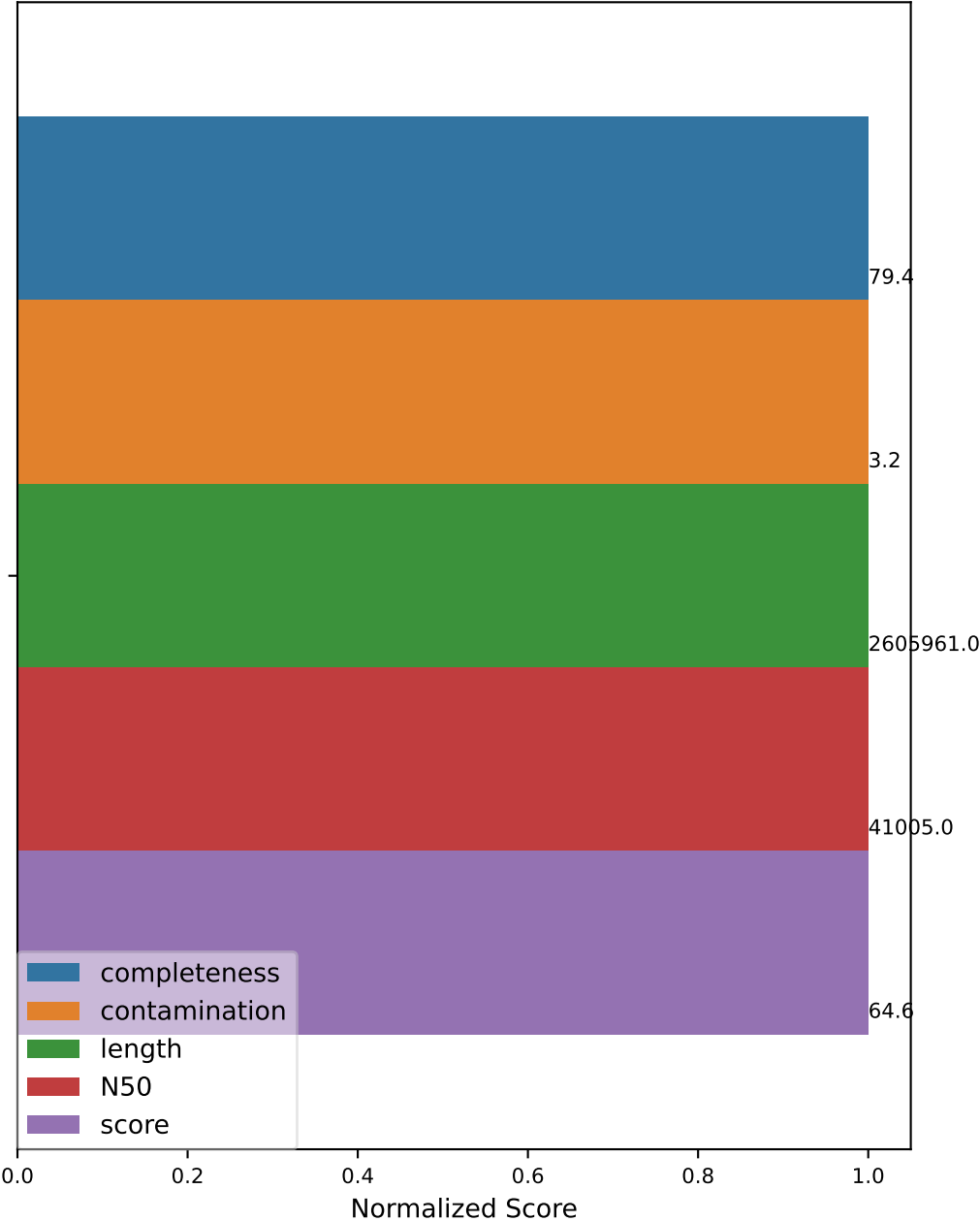
TOBG\_SP-105.fna \*



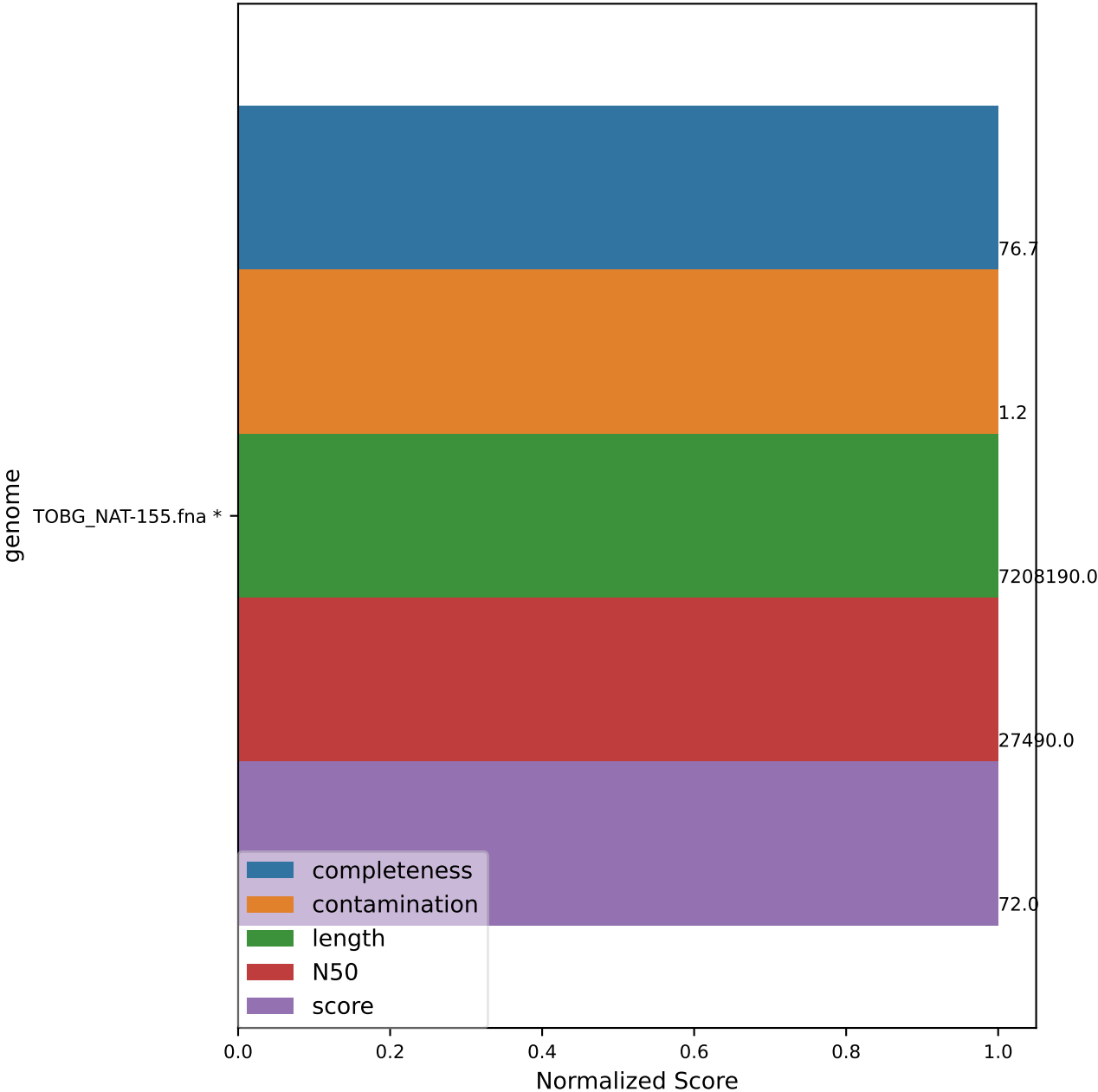
Scoring of cluster 456\_0

genome

TOBG\_ARS-1279.fna \*

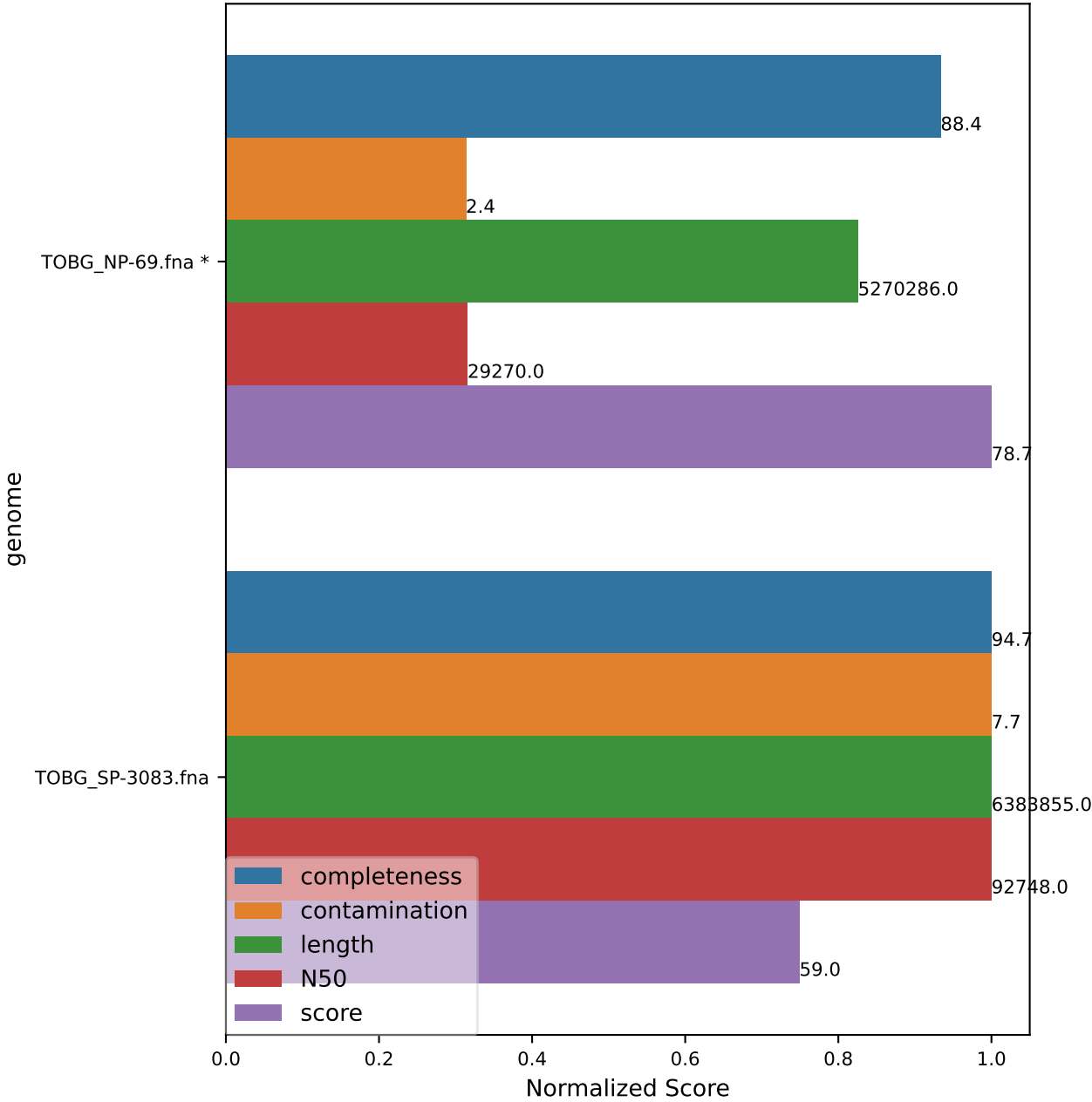


Scoring of cluster 457\_0





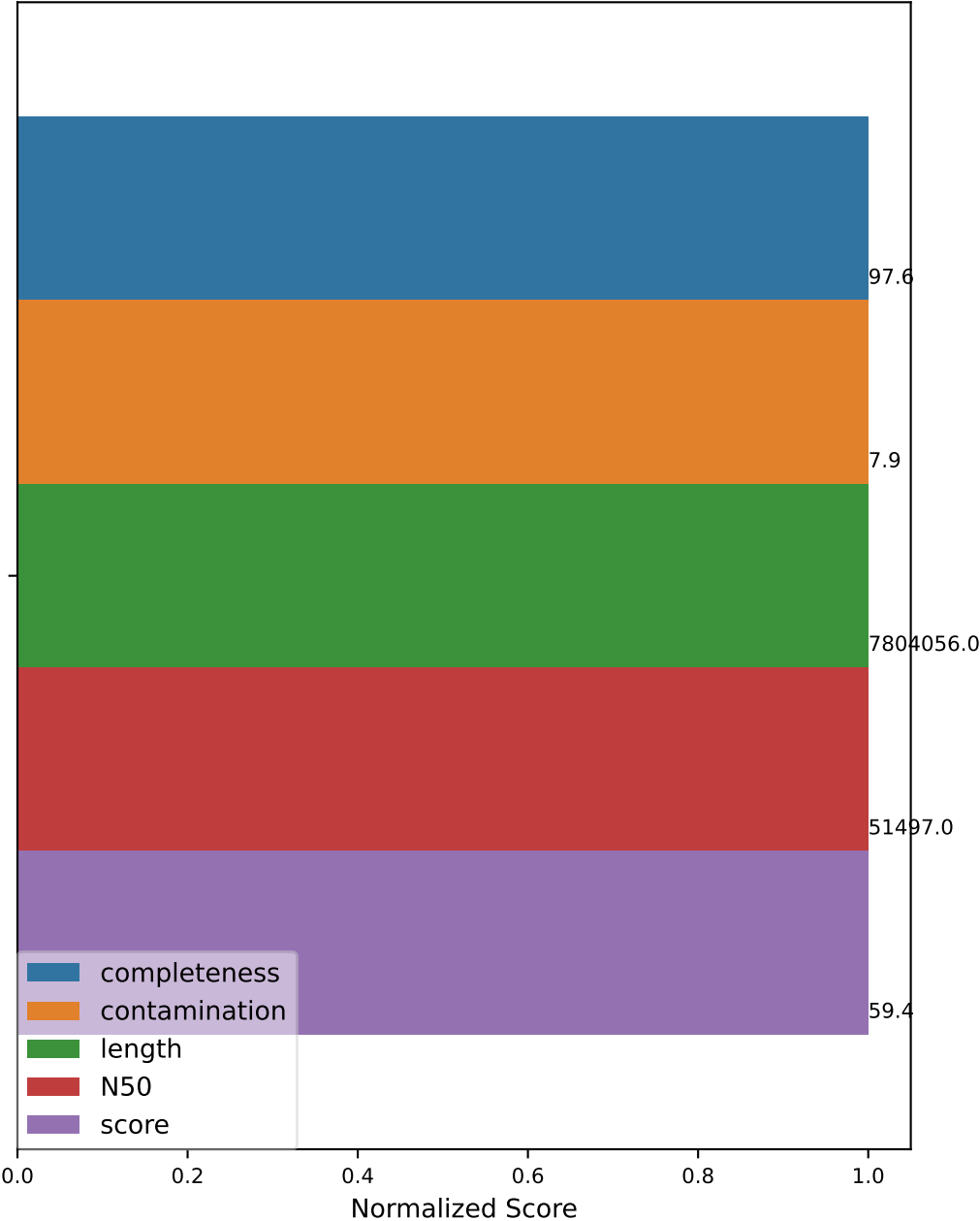
Scoring of cluster 458\_1



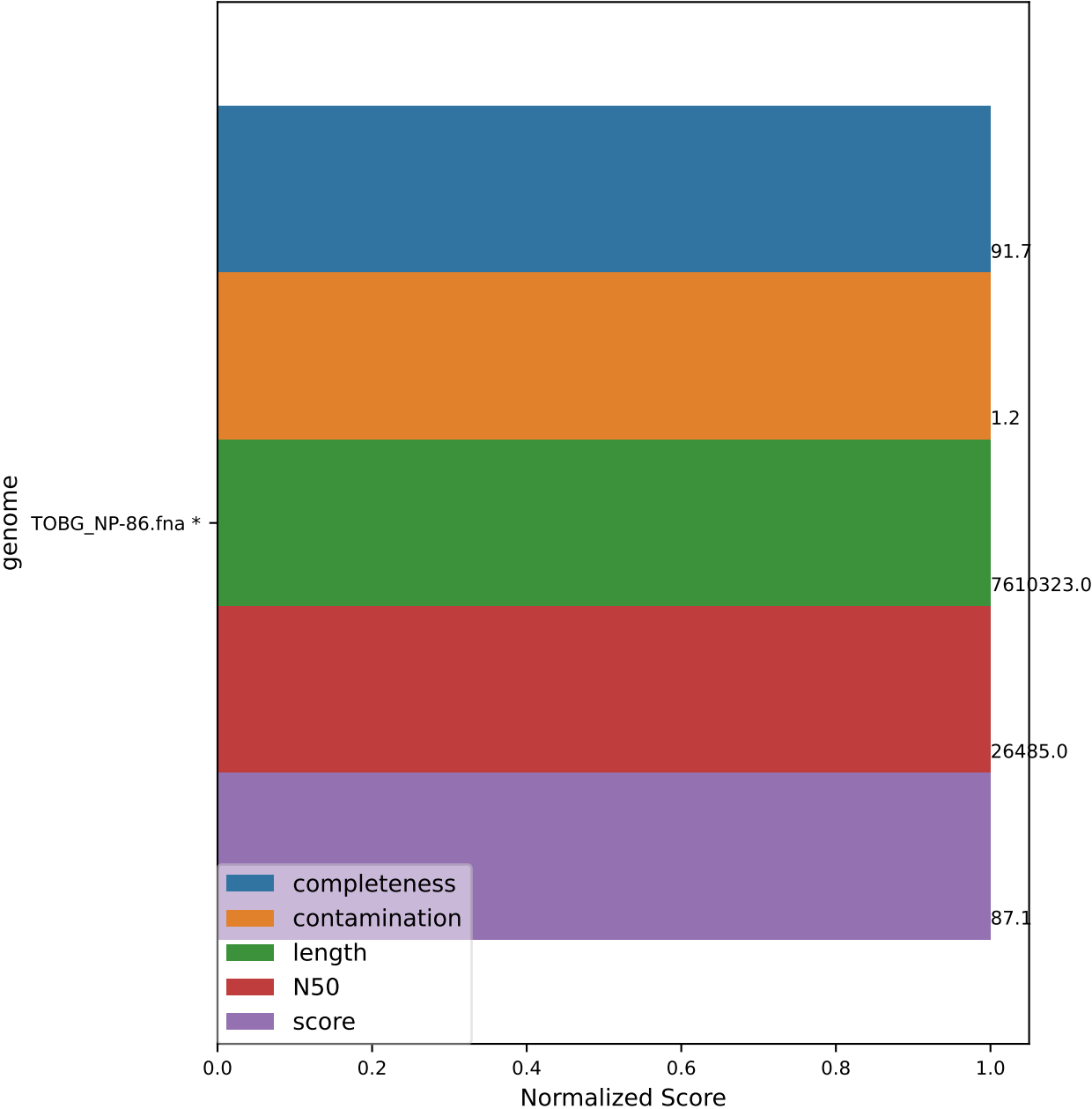
Scoring of cluster 459\_0

genome

TOBG\_NAT-61.fna \*



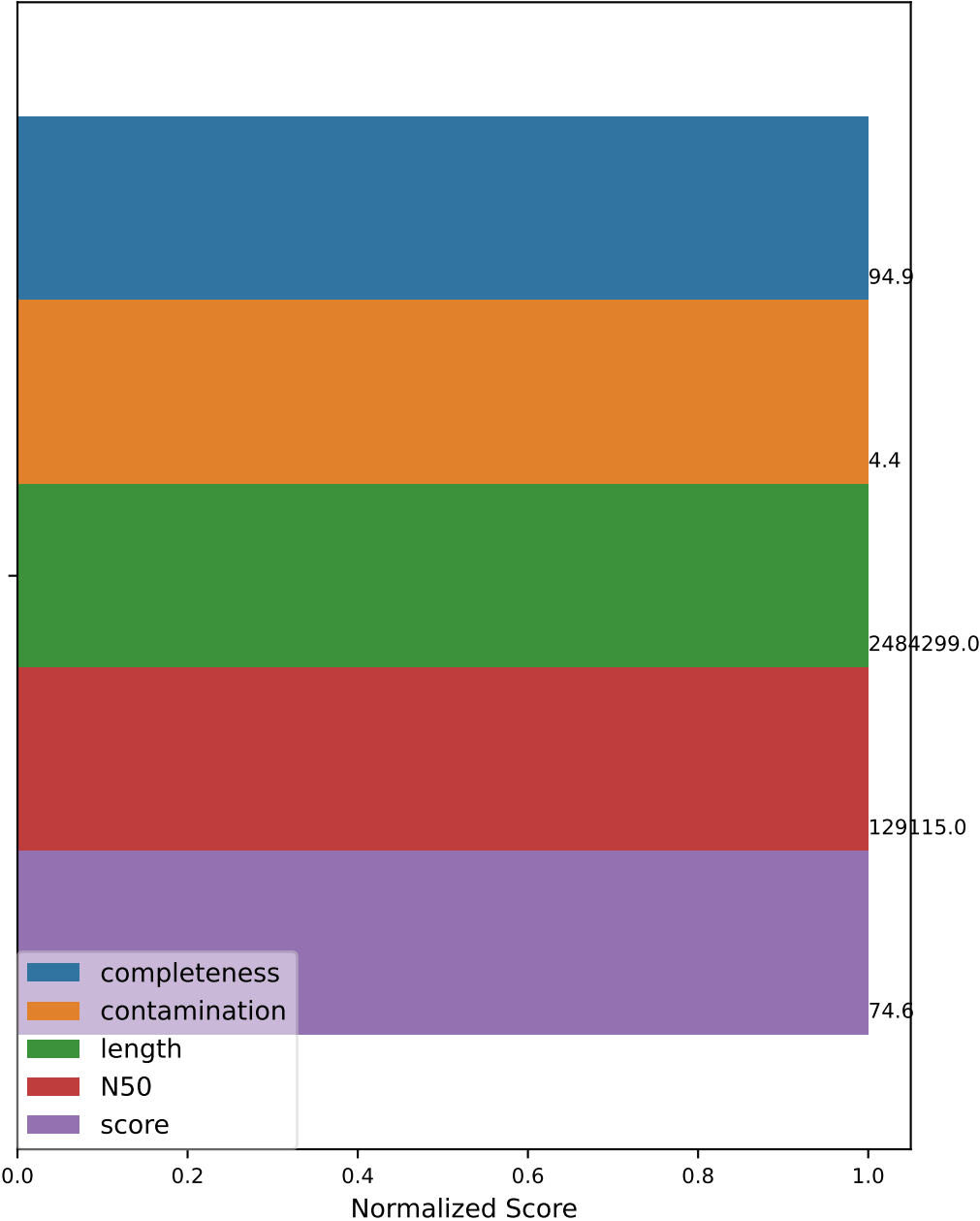
Scoring of cluster 460\_0



Scoring of cluster 461\_0

genome

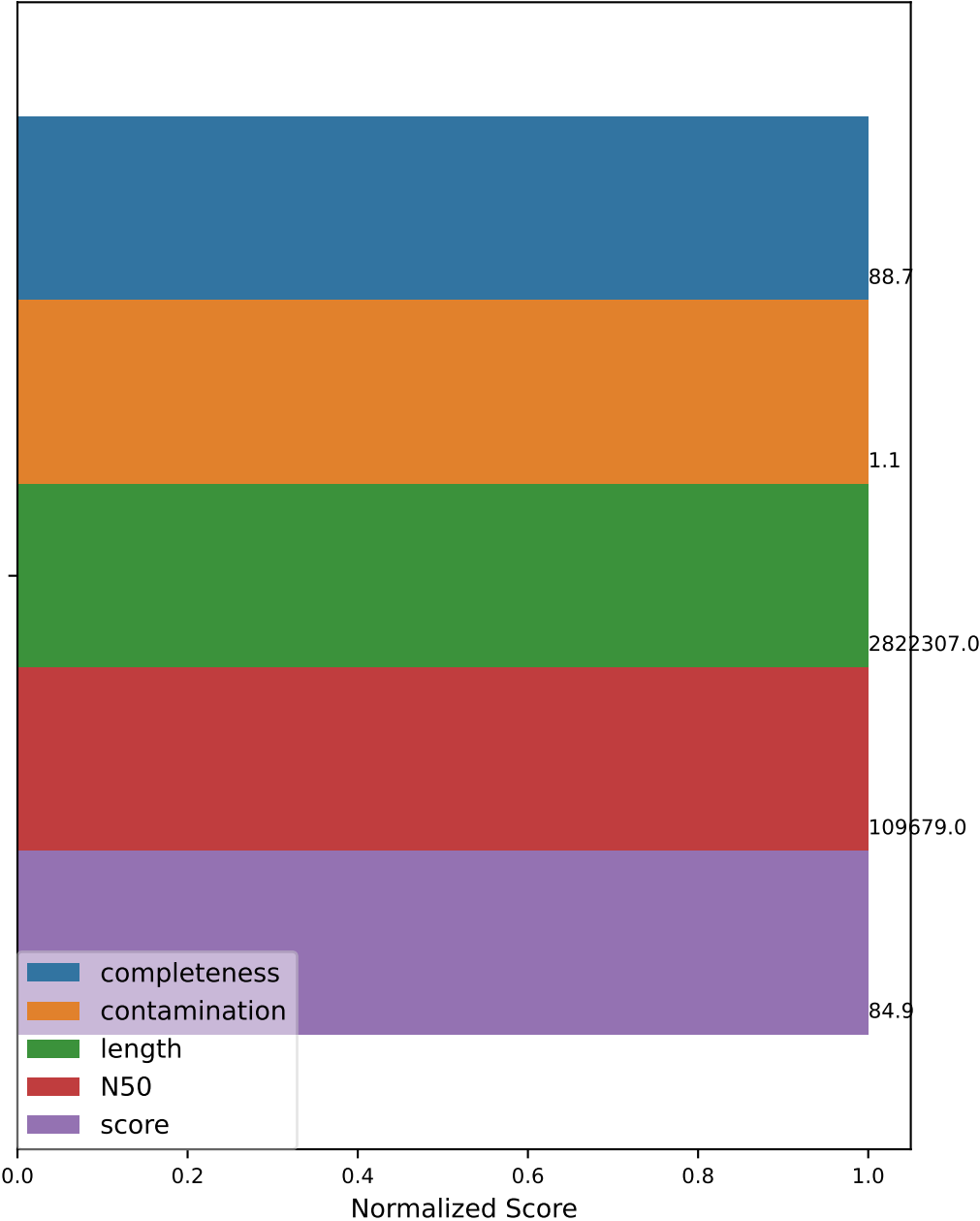
TOBG\_SP-295.fna \*



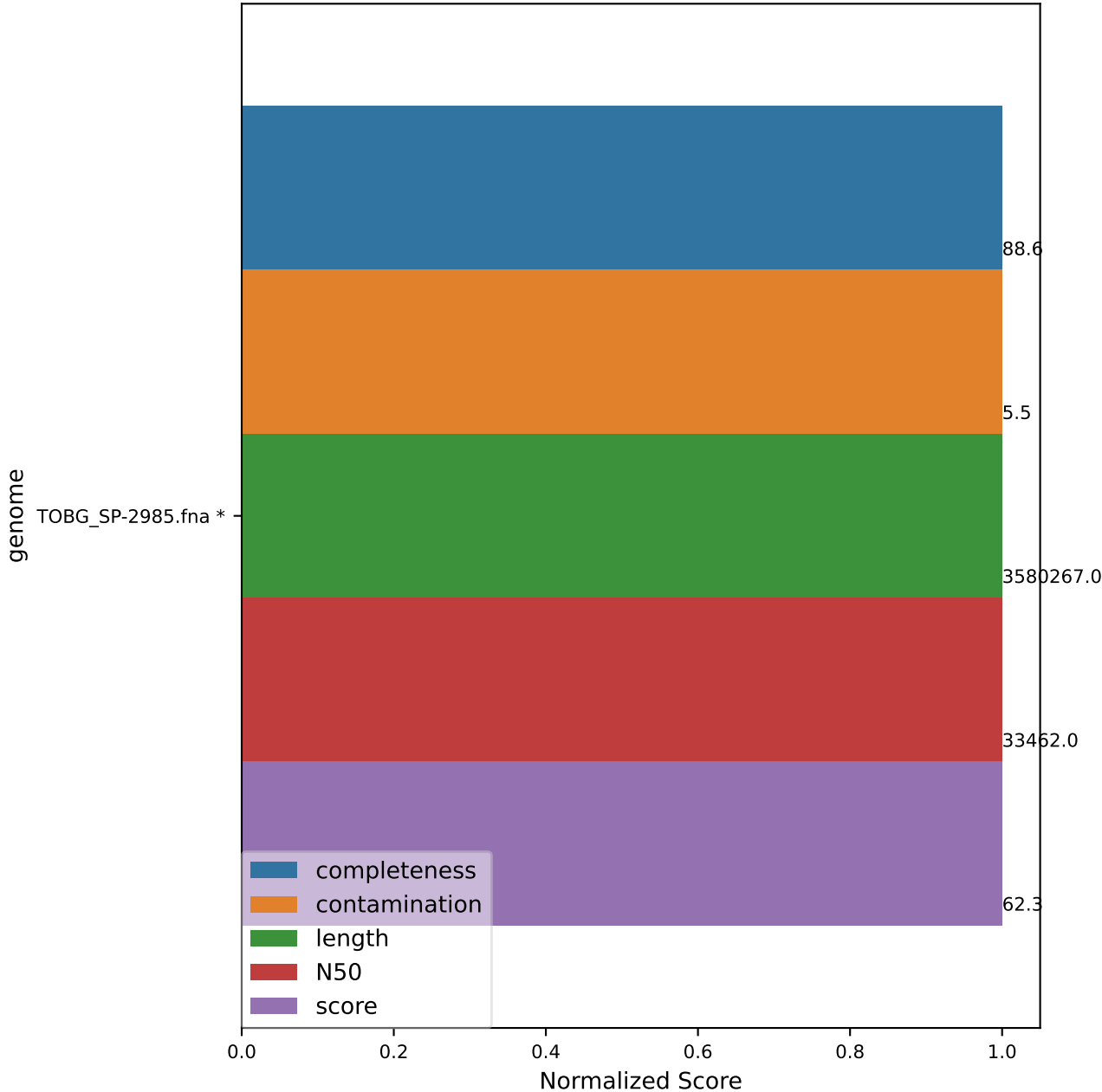
Scoring of cluster 462\_0

genome

TOBG\_ARS-68.fna \*



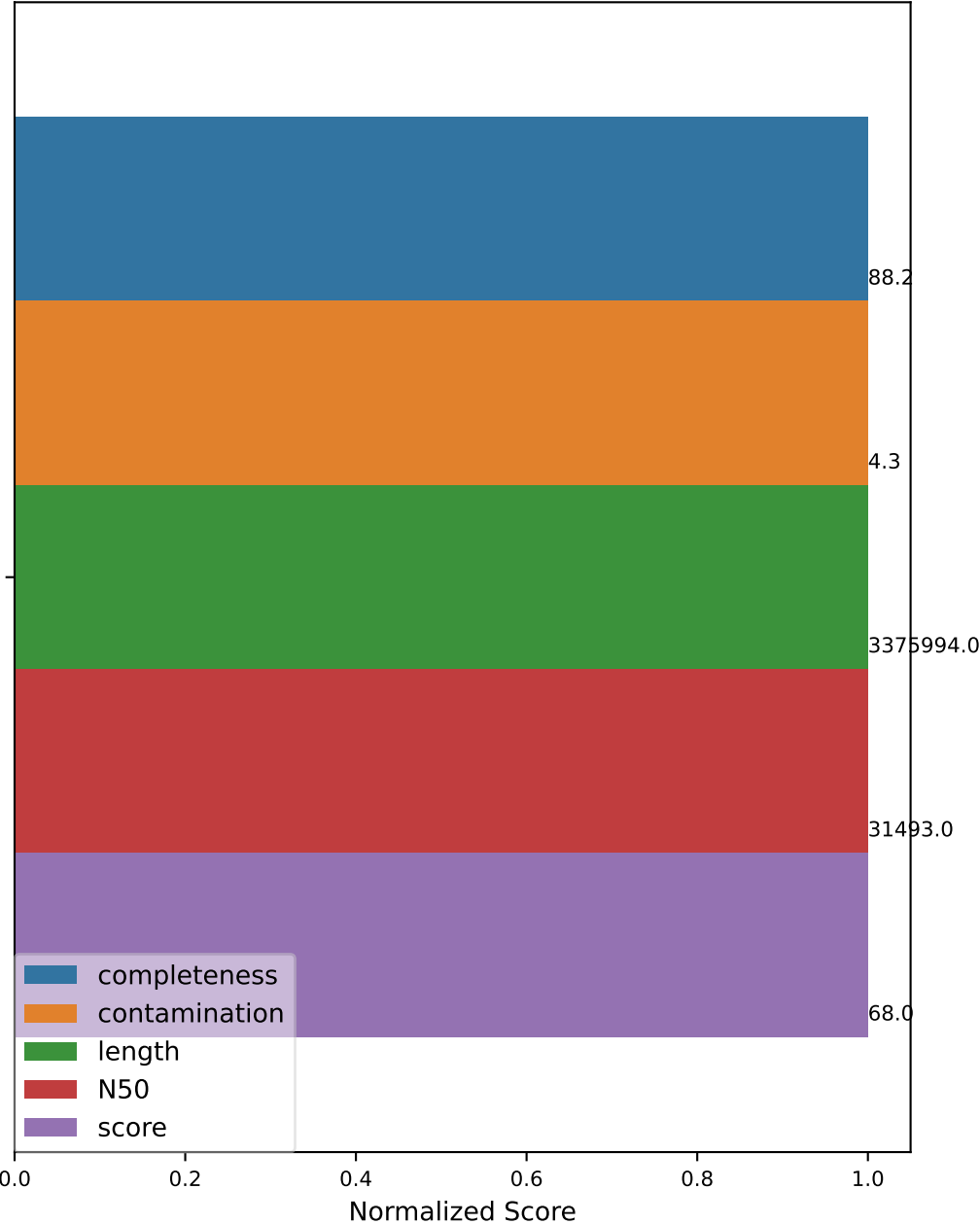
Scoring of cluster 463\_0



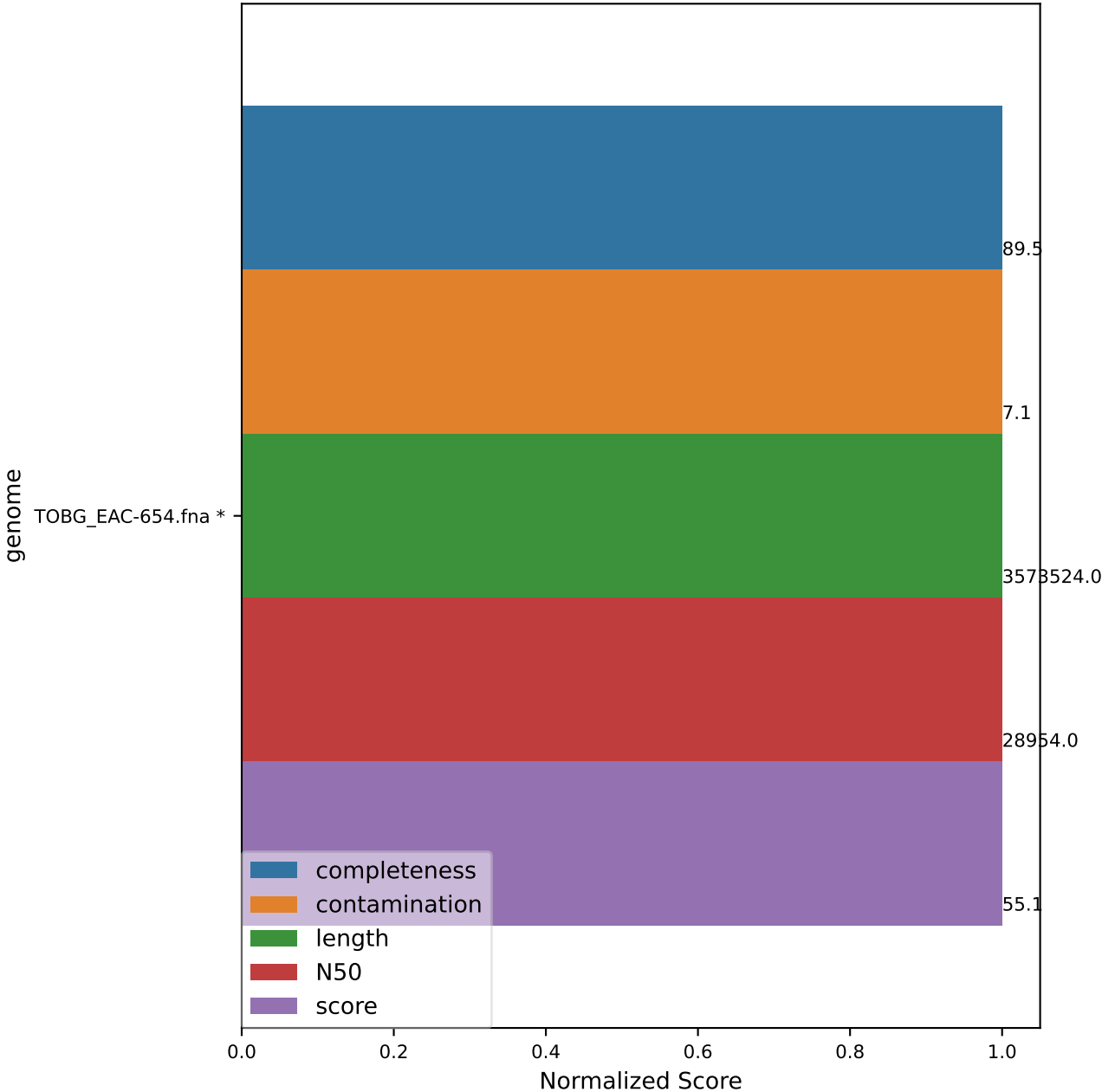
Scoring of cluster 464\_0

genome

TOBG\_ARS-90.fna \*



Scoring of cluster 465\_0

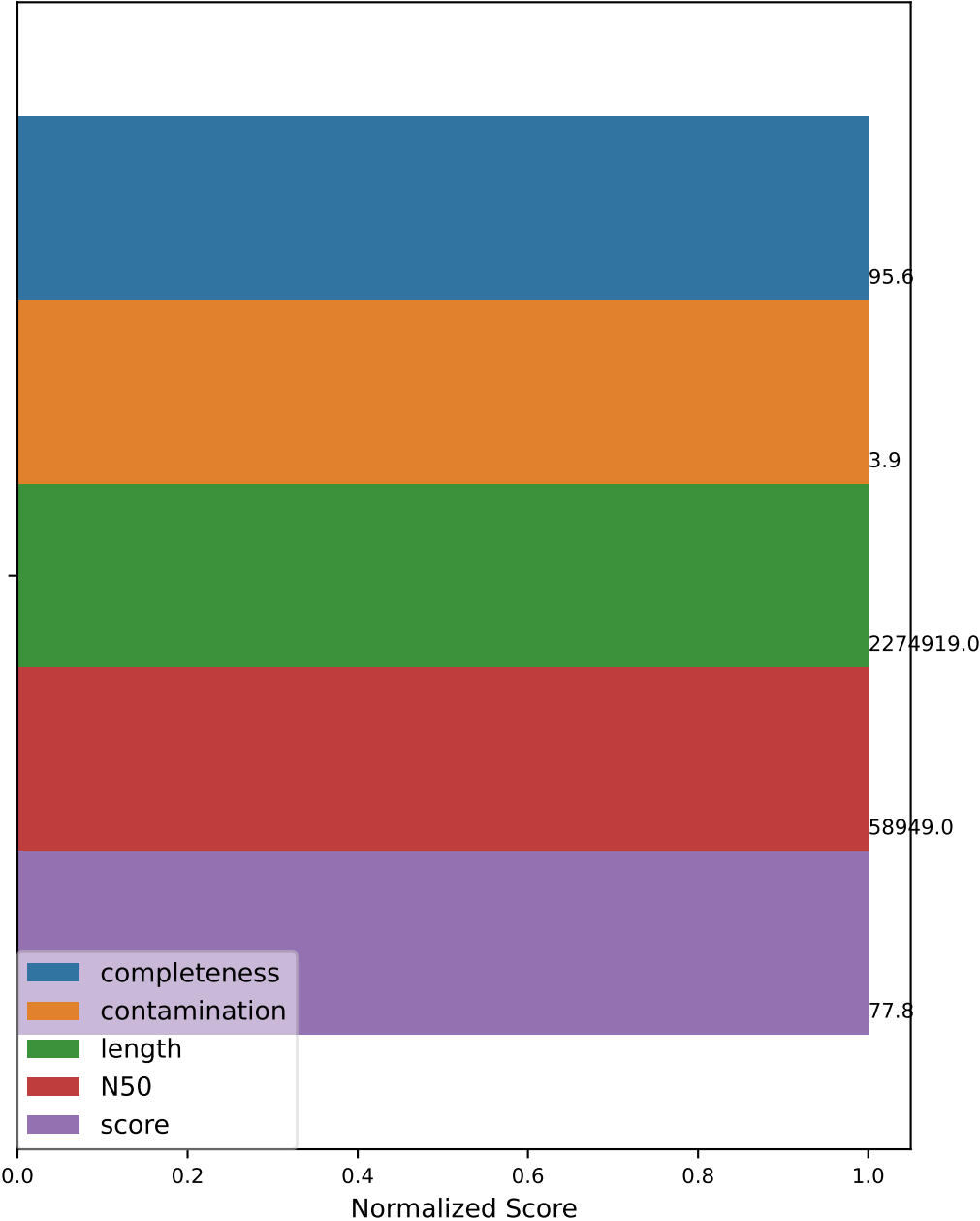




Scoring of cluster 466\_0

genome

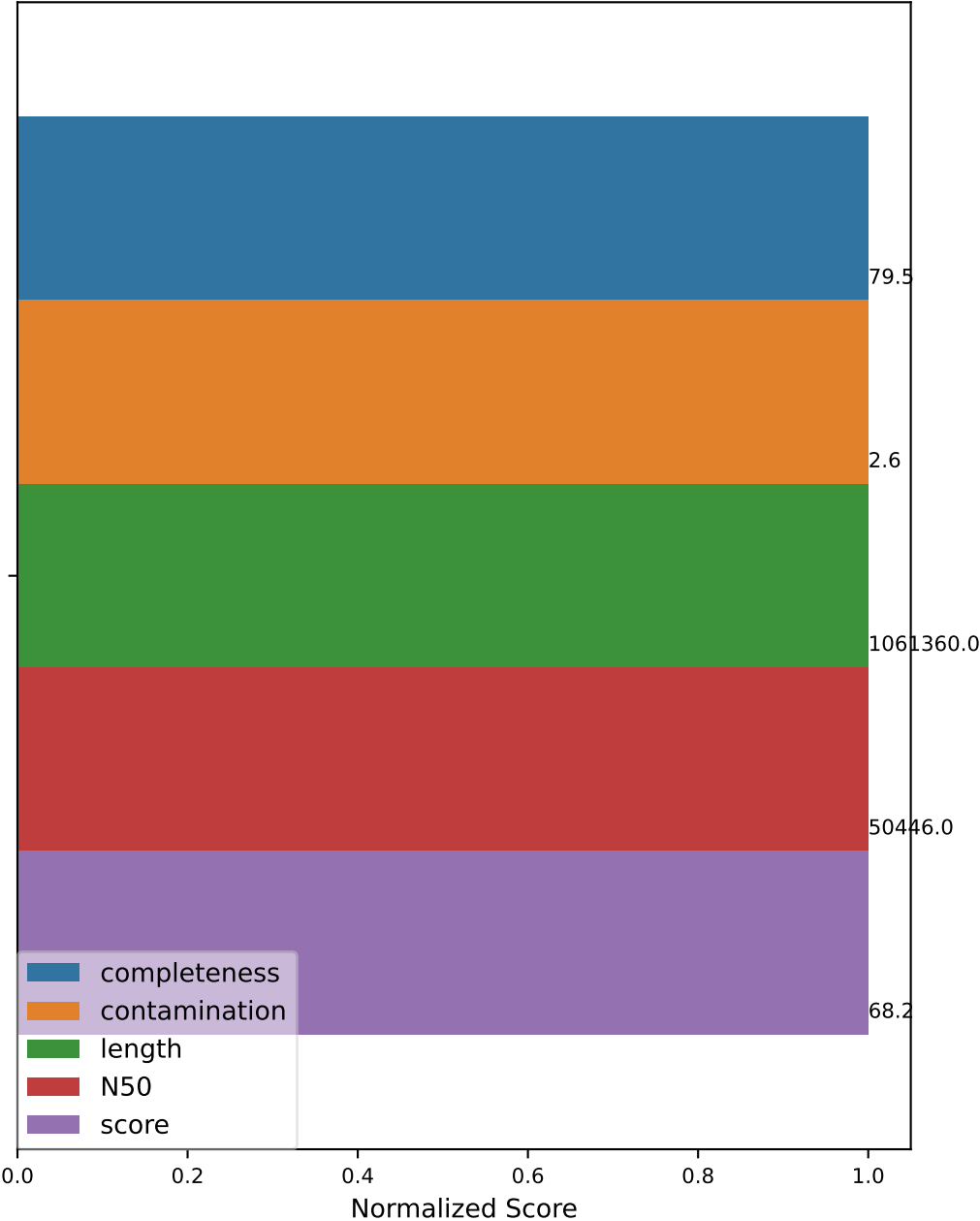
TOBG\_MED-733.fna \*



Scoring of cluster 467\_0

genome

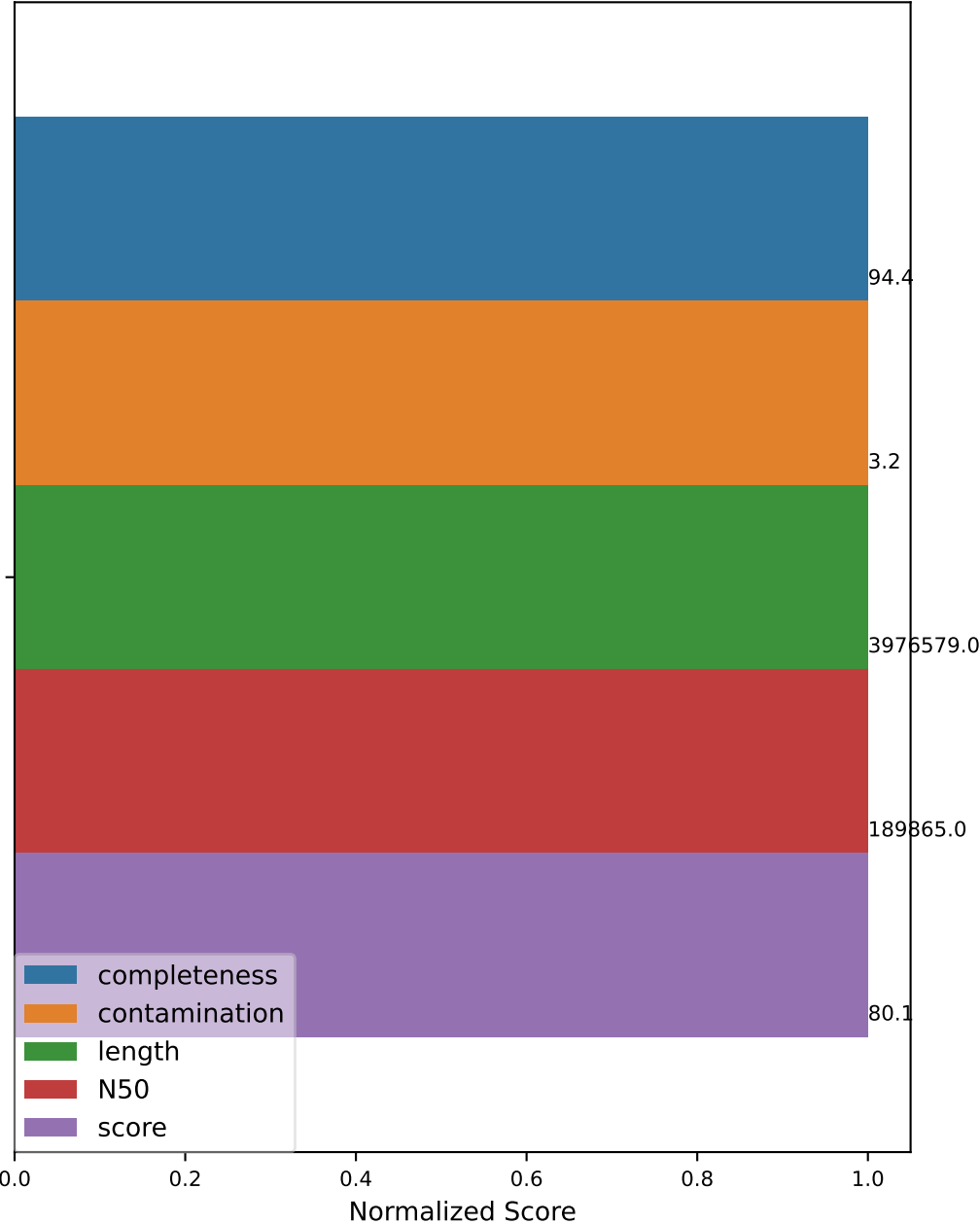
TOBG\_SAT-1446.fna \*



Scoring of cluster 468\_0

genome

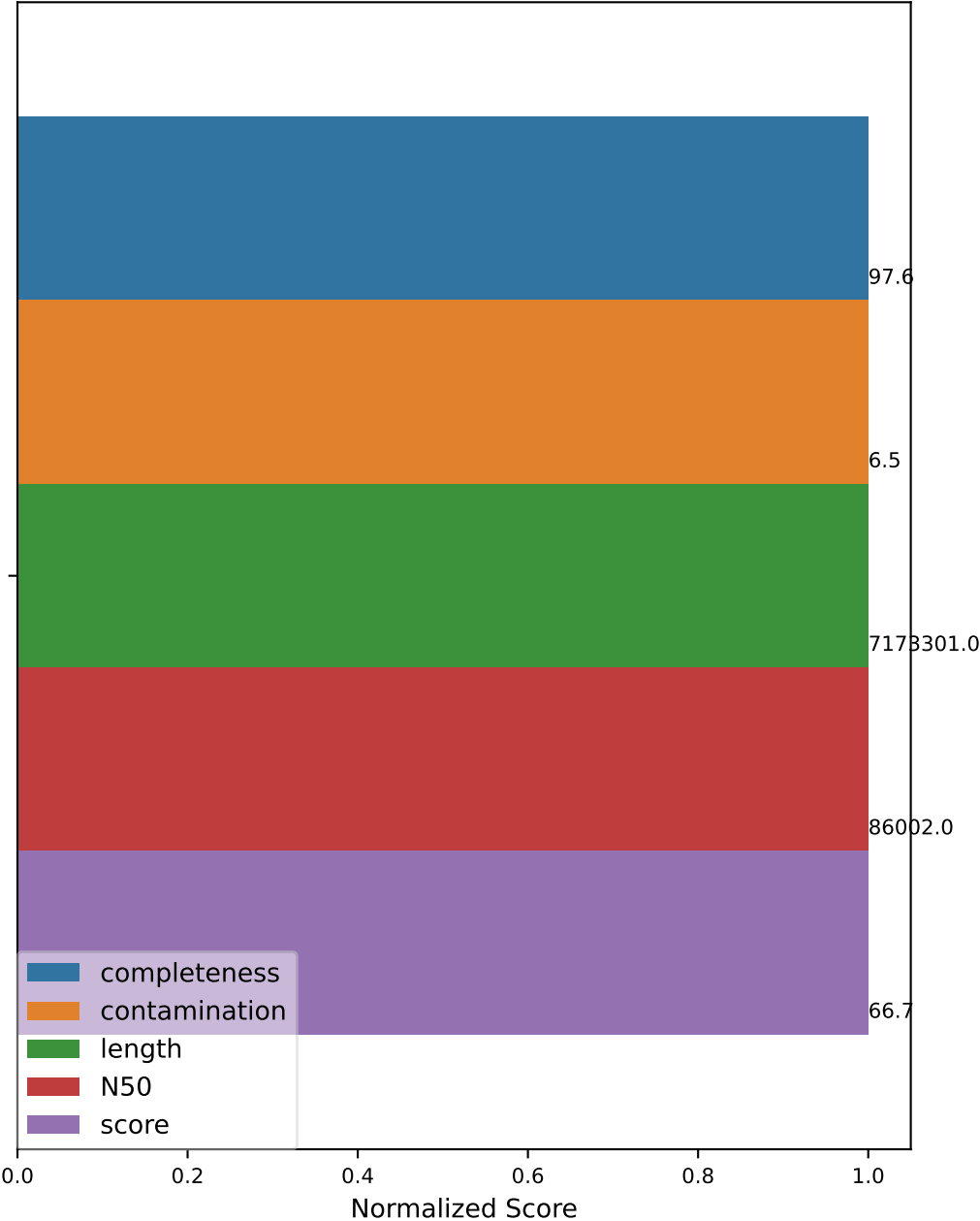
TOBG\_SP-258.fna \*



Scoring of cluster 469\_0

genome

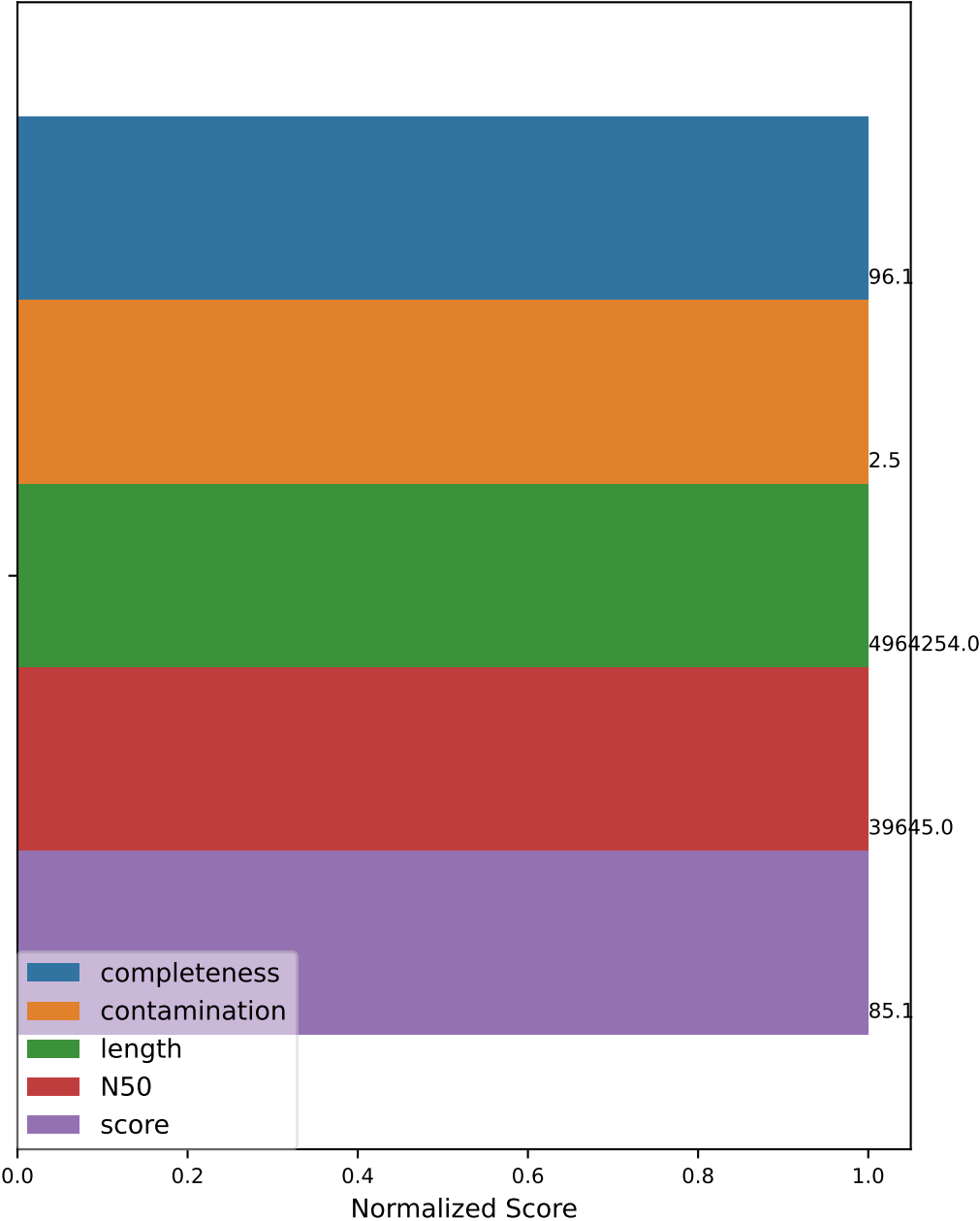
TOBG\_MED-601.fna \*



Scoring of cluster 470\_0

genome

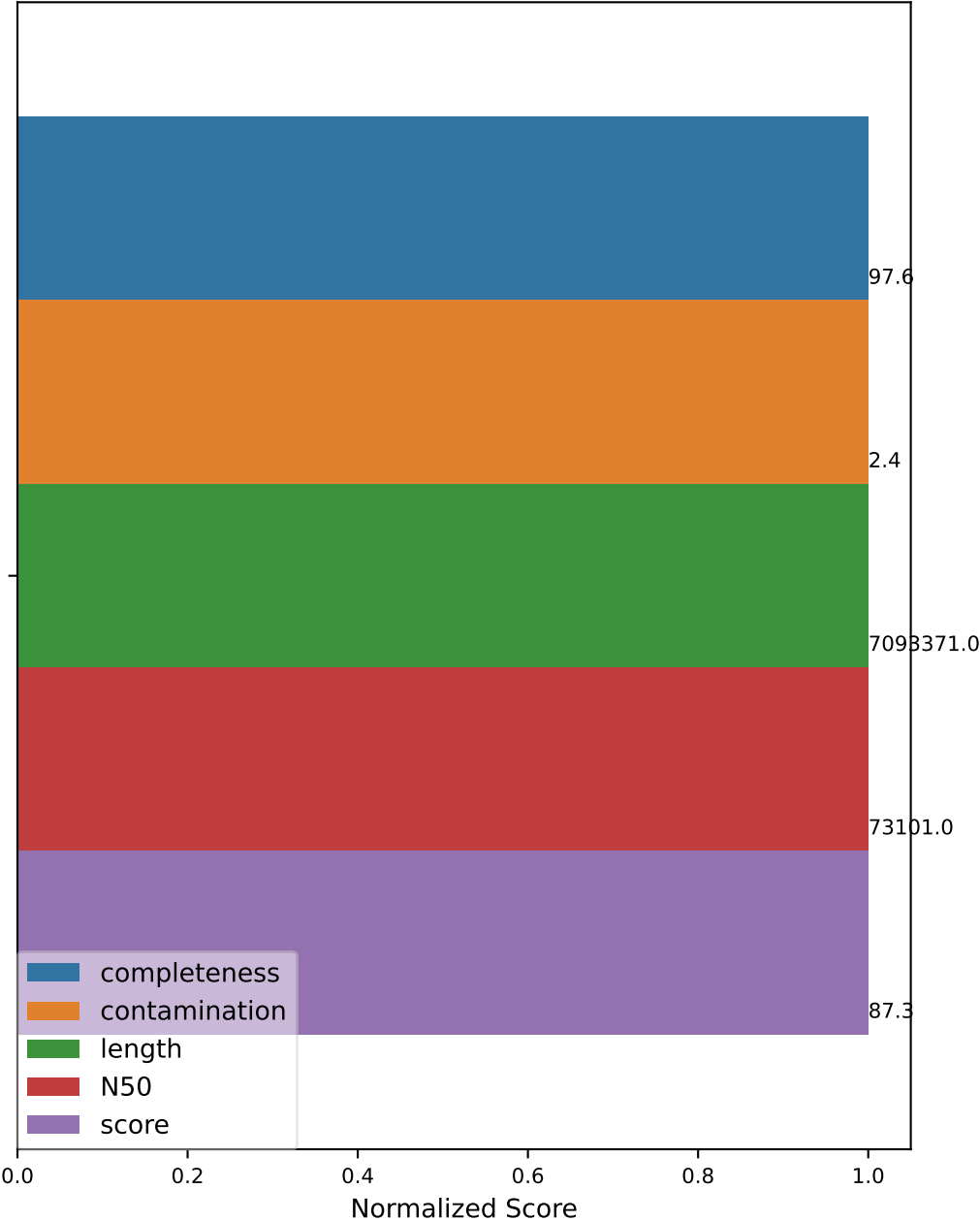
TOBG\_MED-665.fna \*



Scoring of cluster 471\_0

genome

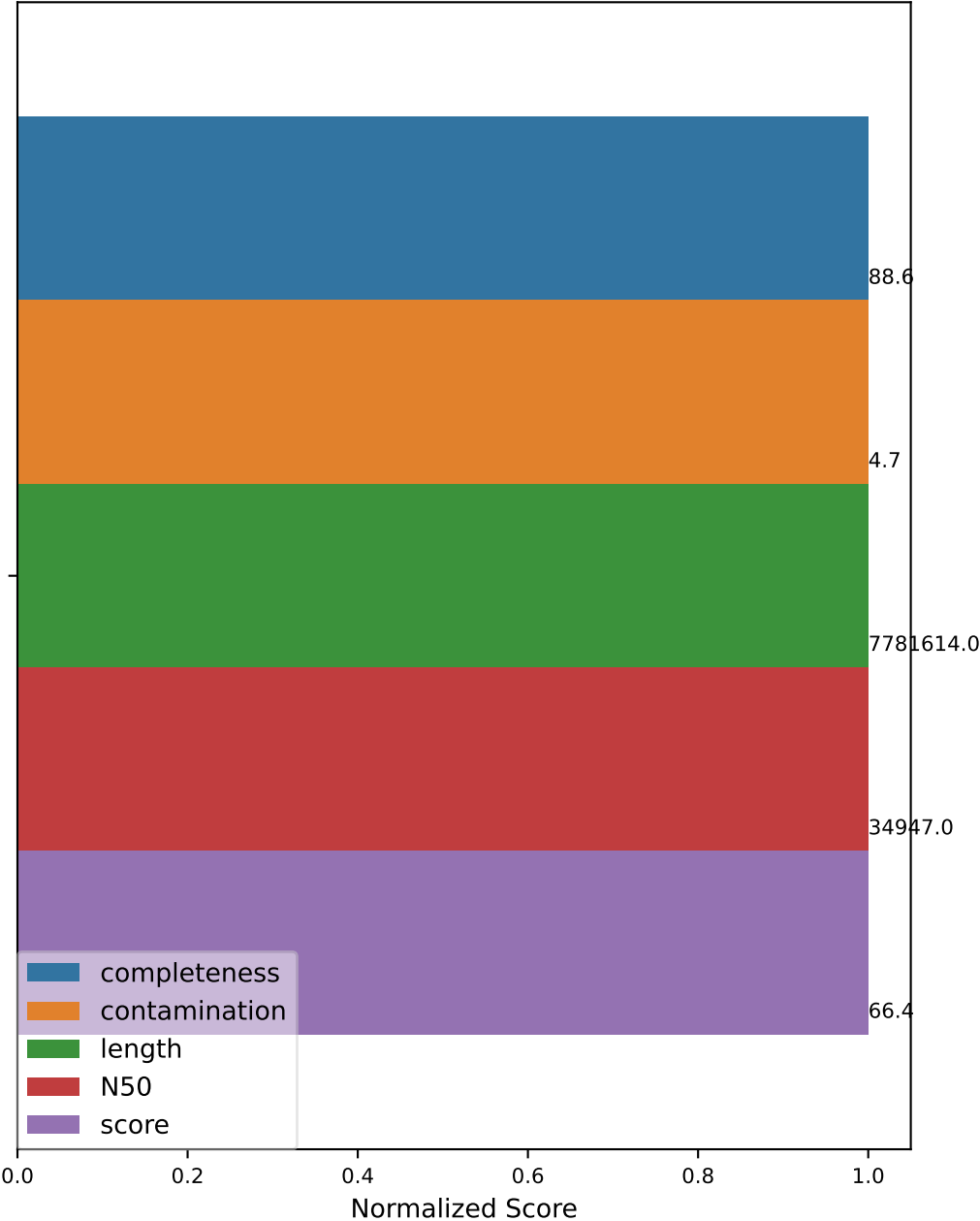
TOBG\_MED-661.fna \*



Scoring of cluster 472\_0

genome

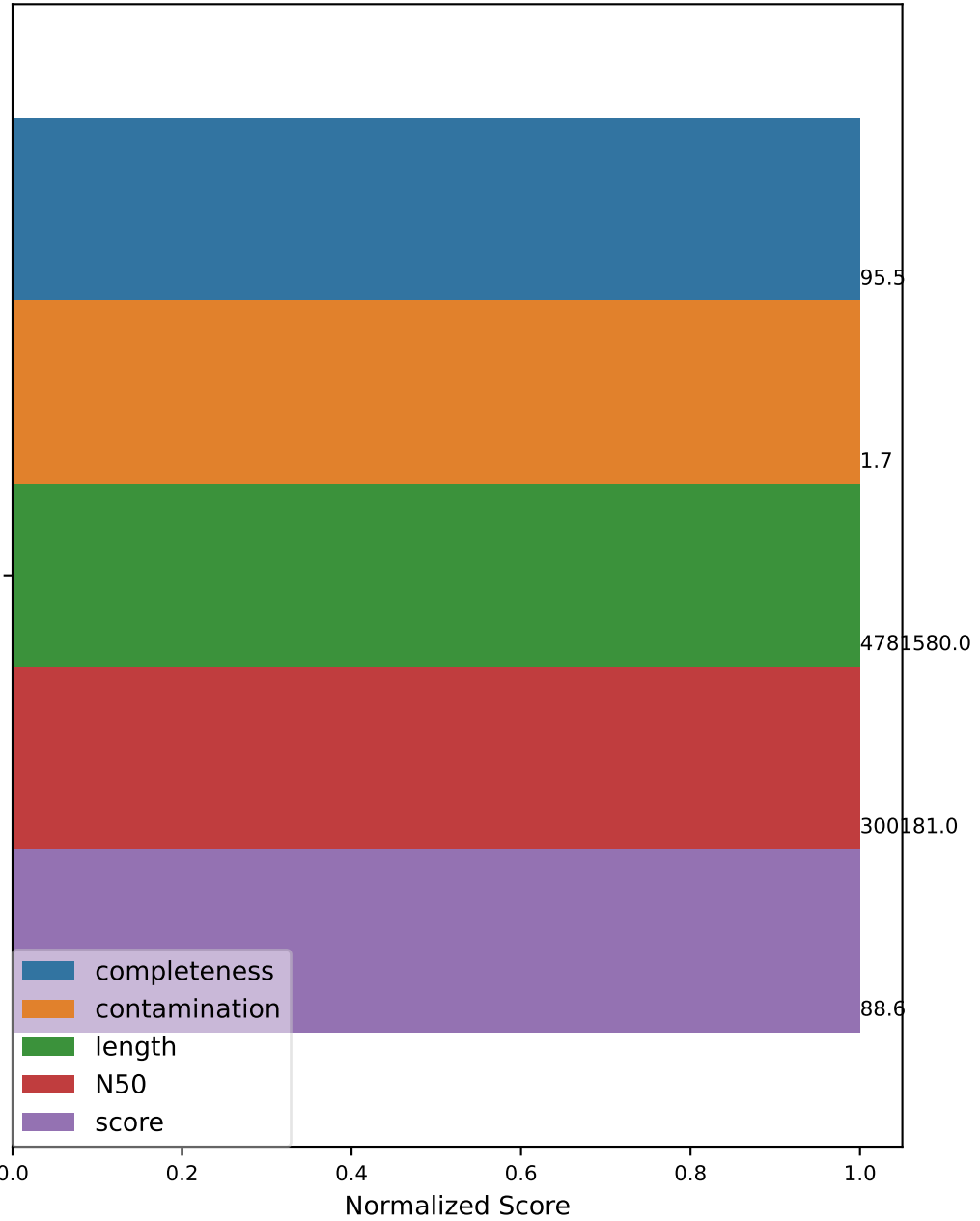
TOBG\_MED-697.fna \*



Scoring of cluster 473\_0

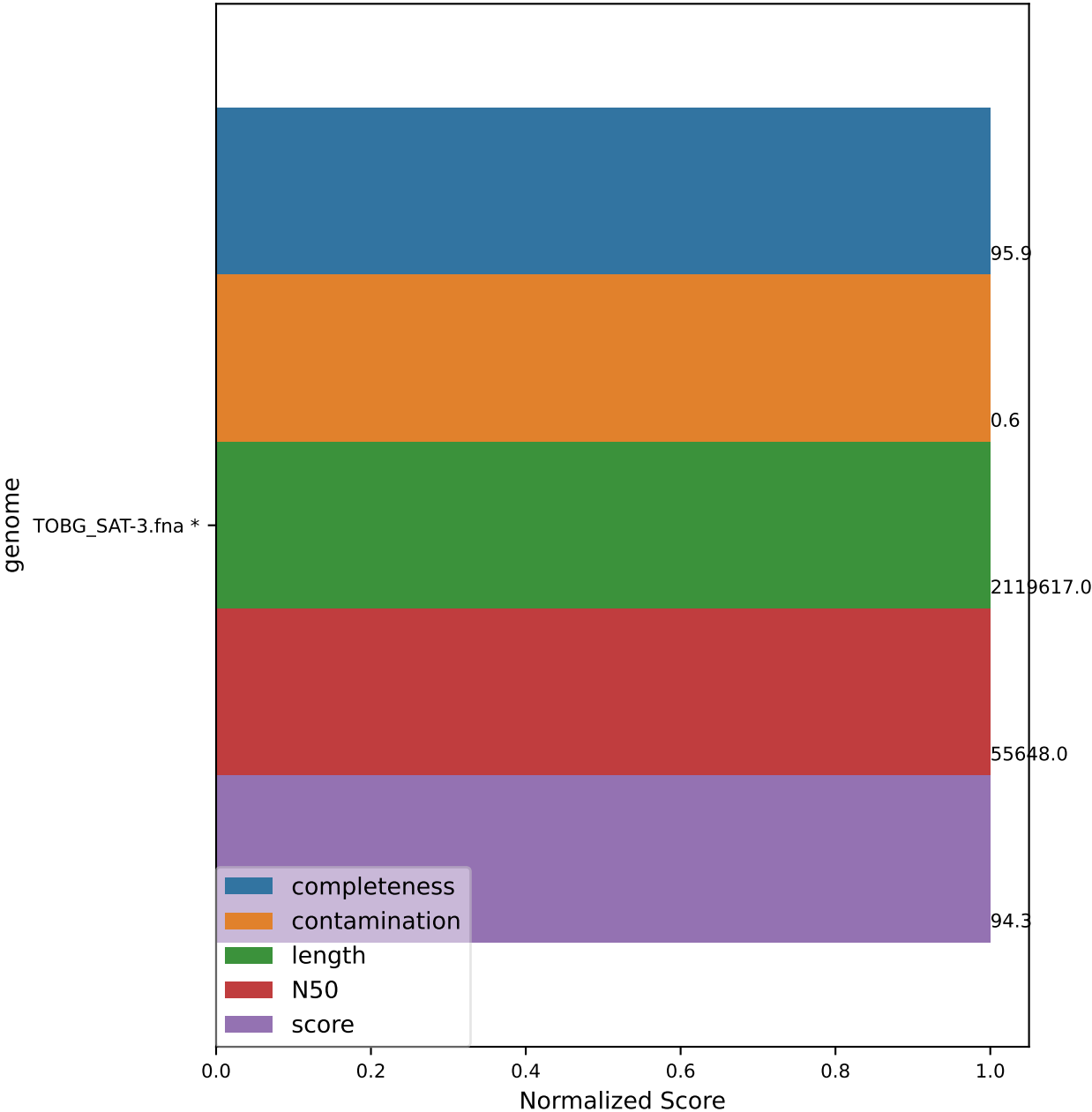
genome

TOBG\_EAC-91.fna \*





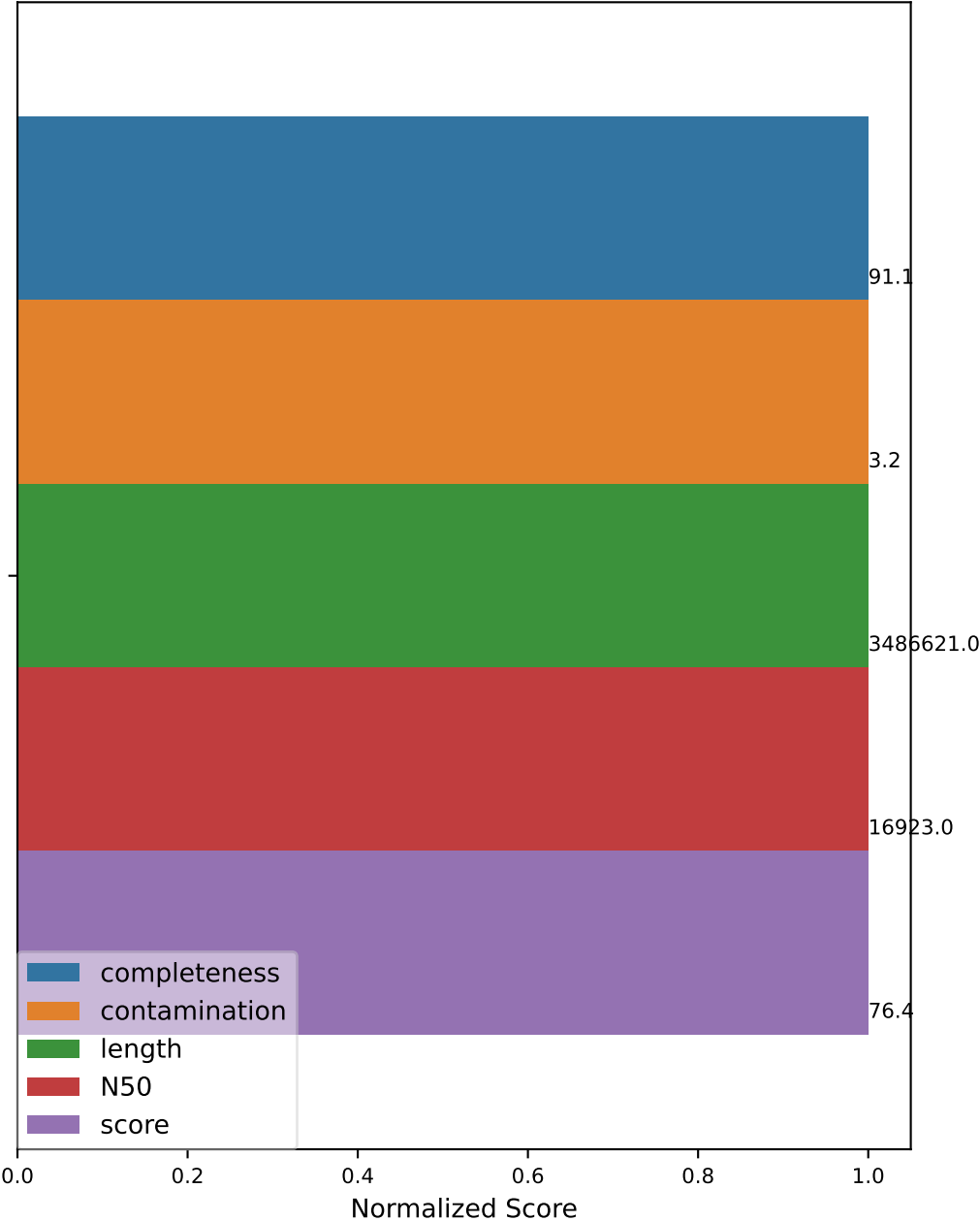
Scoring of cluster 474\_0



Scoring of cluster 475\_0

genome

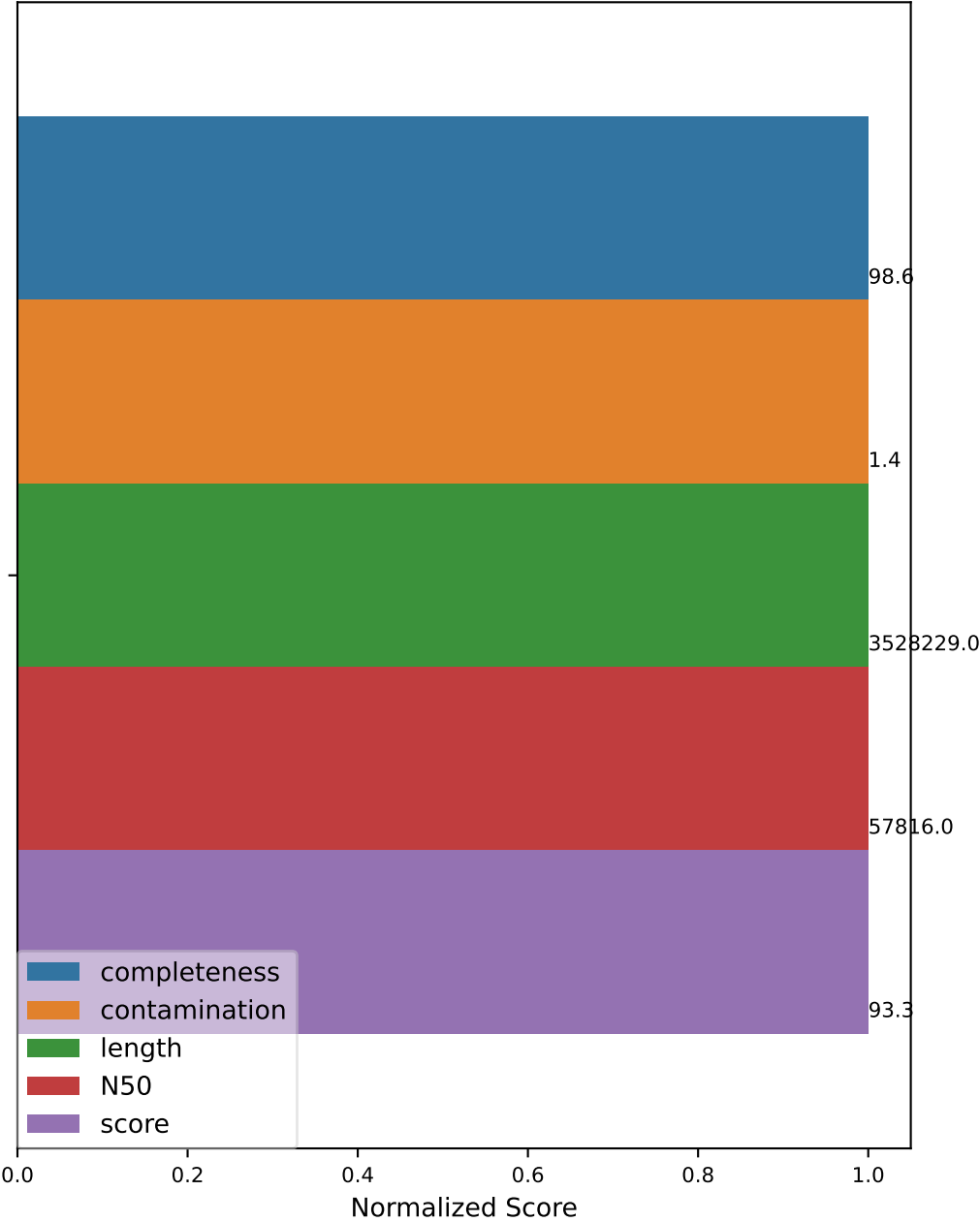
TOBG\_CPC-52.fna \*



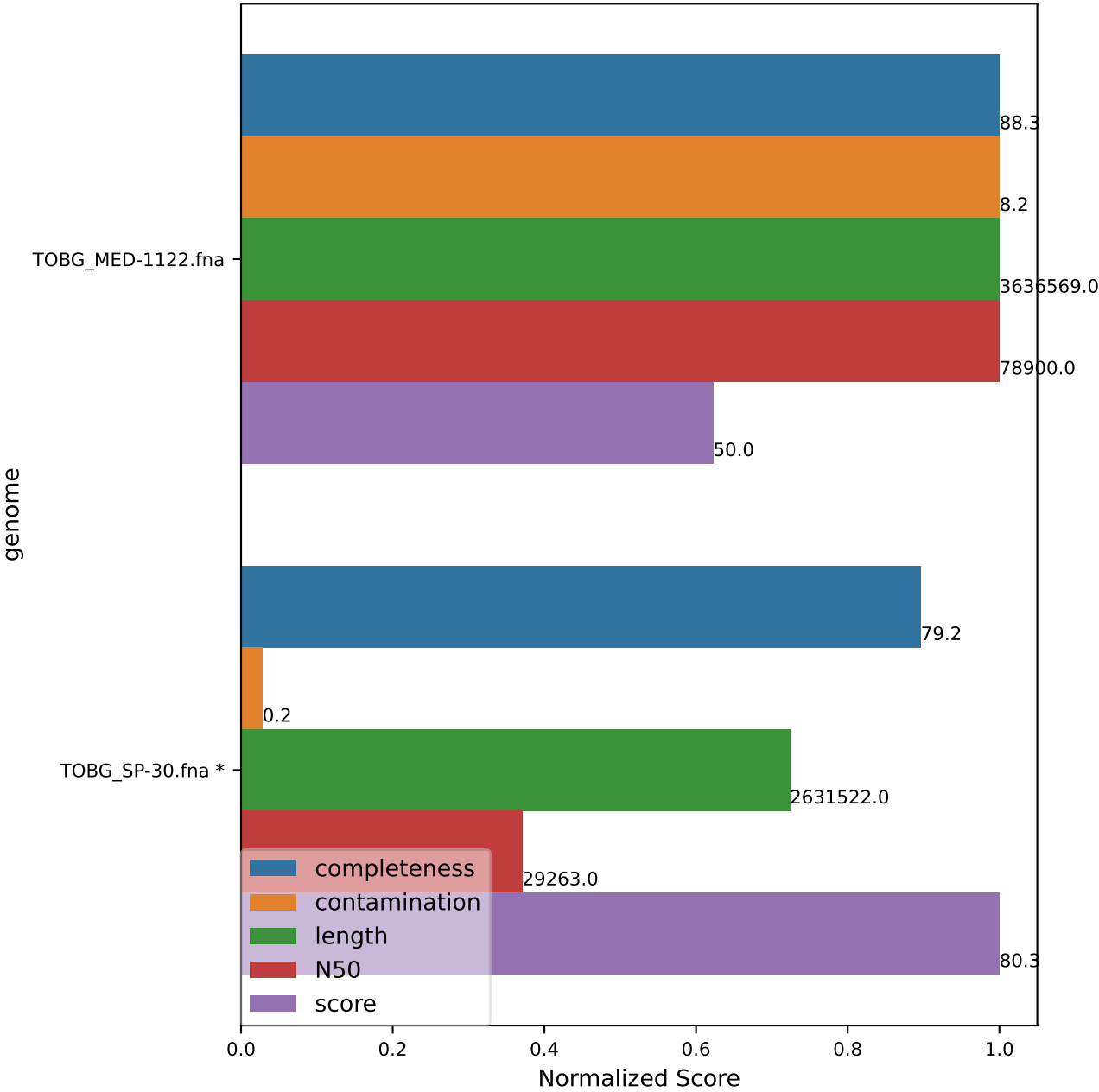
Scoring of cluster 476\_0

genome

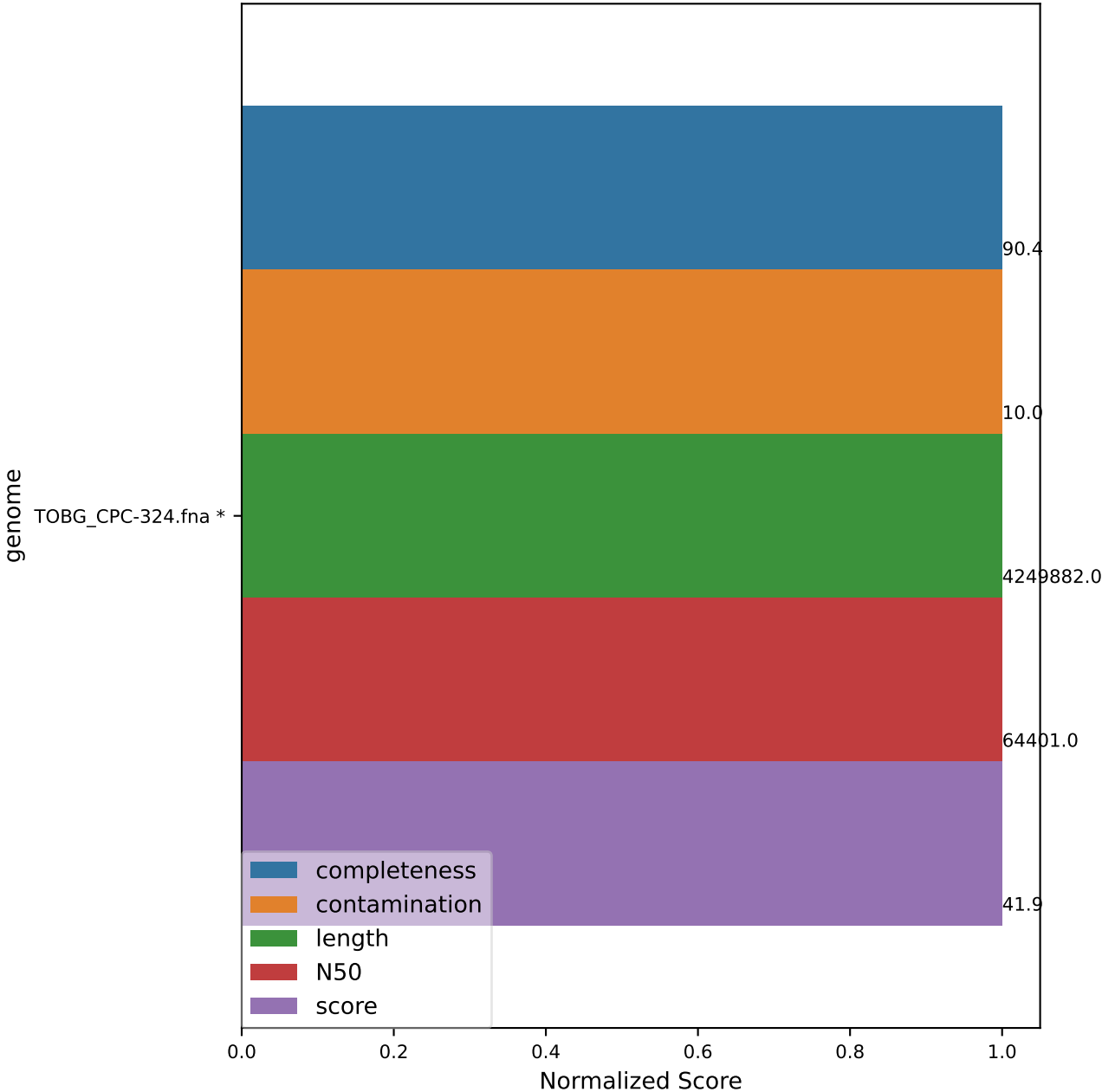
TOBG\_NP-75.fna \*



Scoring of cluster 477\_1



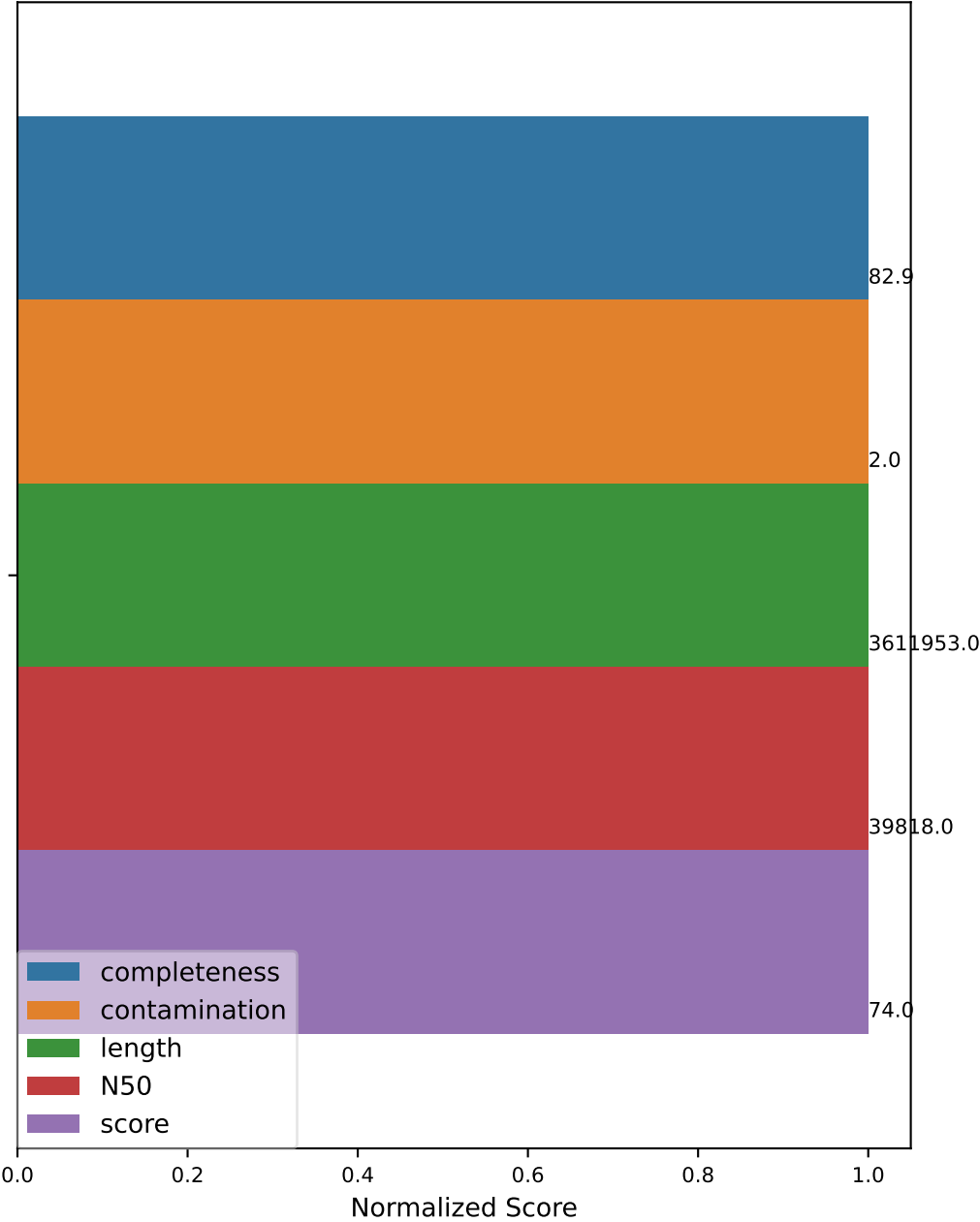
Scoring of cluster 478\_0



Scoring of cluster 479\_0

genome

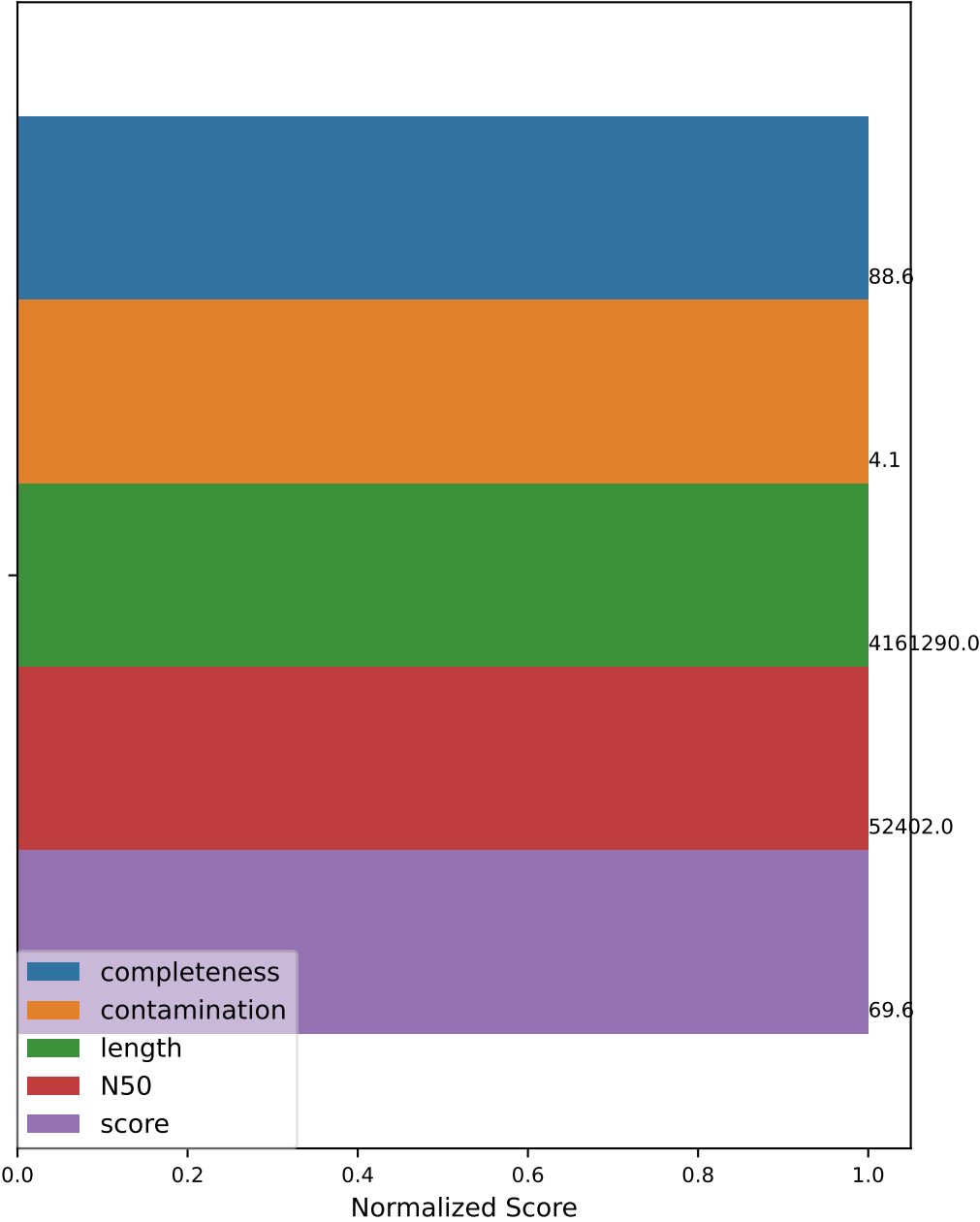
TOBG\_SP-127.fna \*



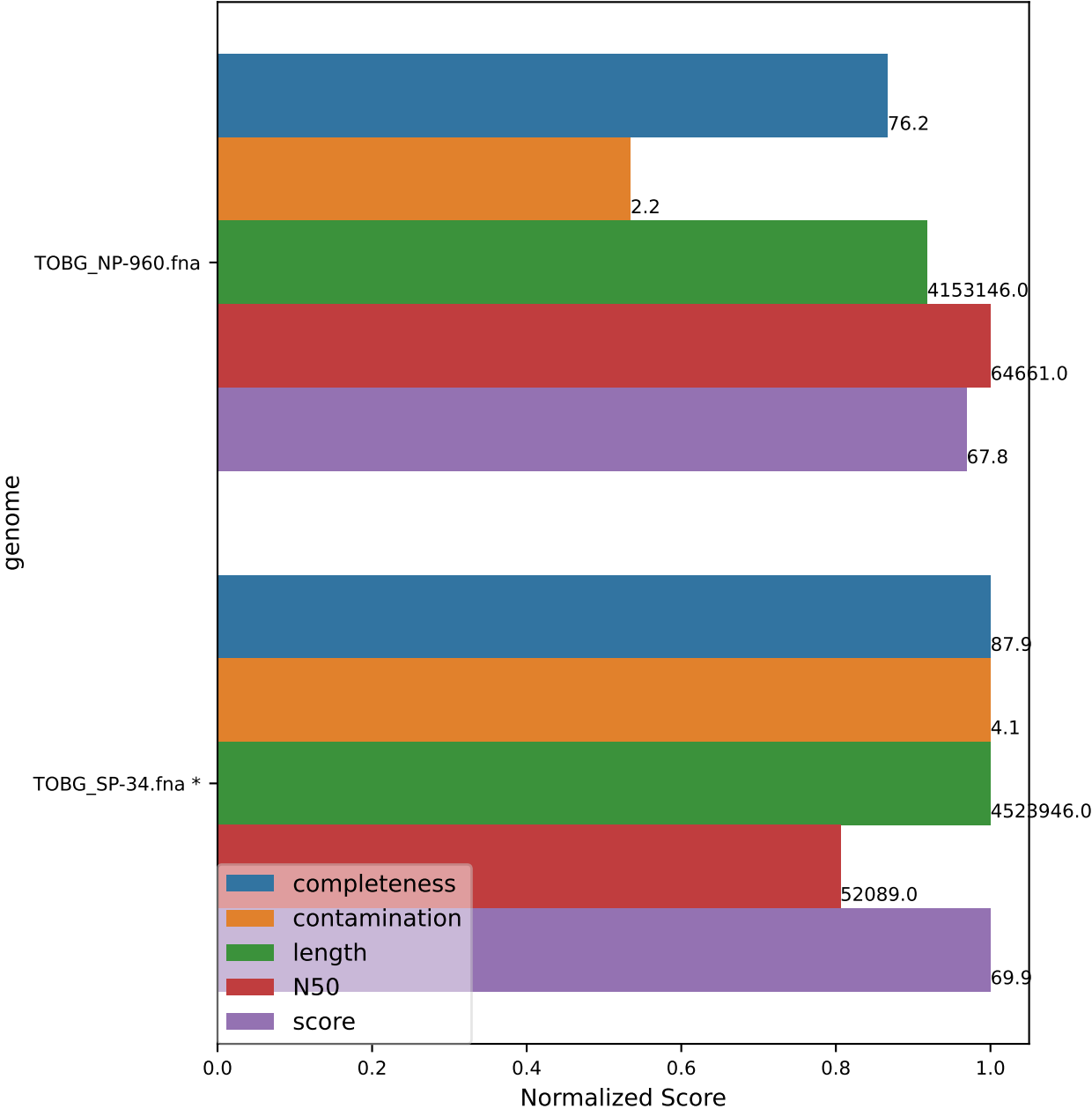
Scoring of cluster 480\_0

genome

TOBG\_SP-242.fna \*

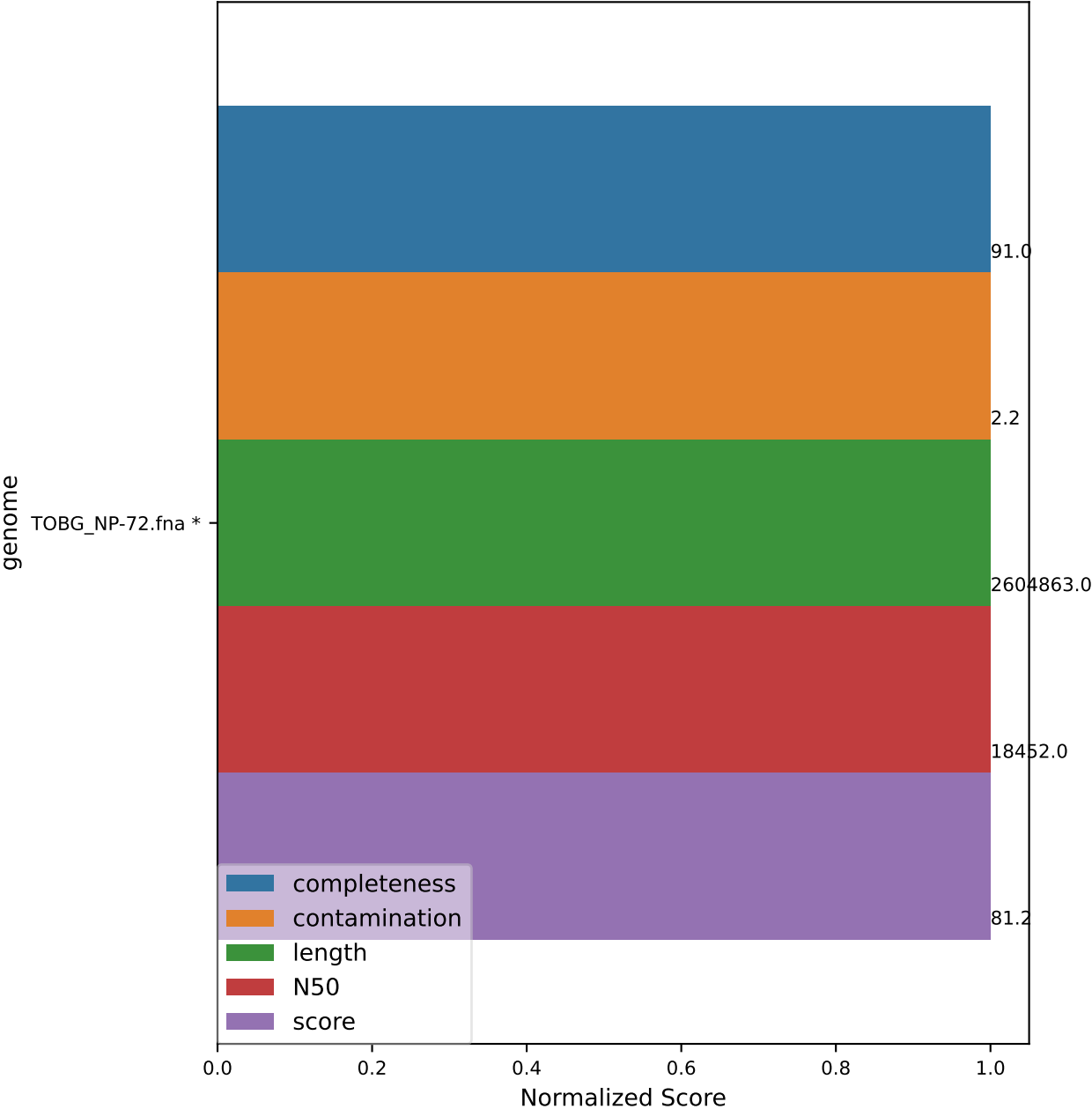


Scoring of cluster 481\_1





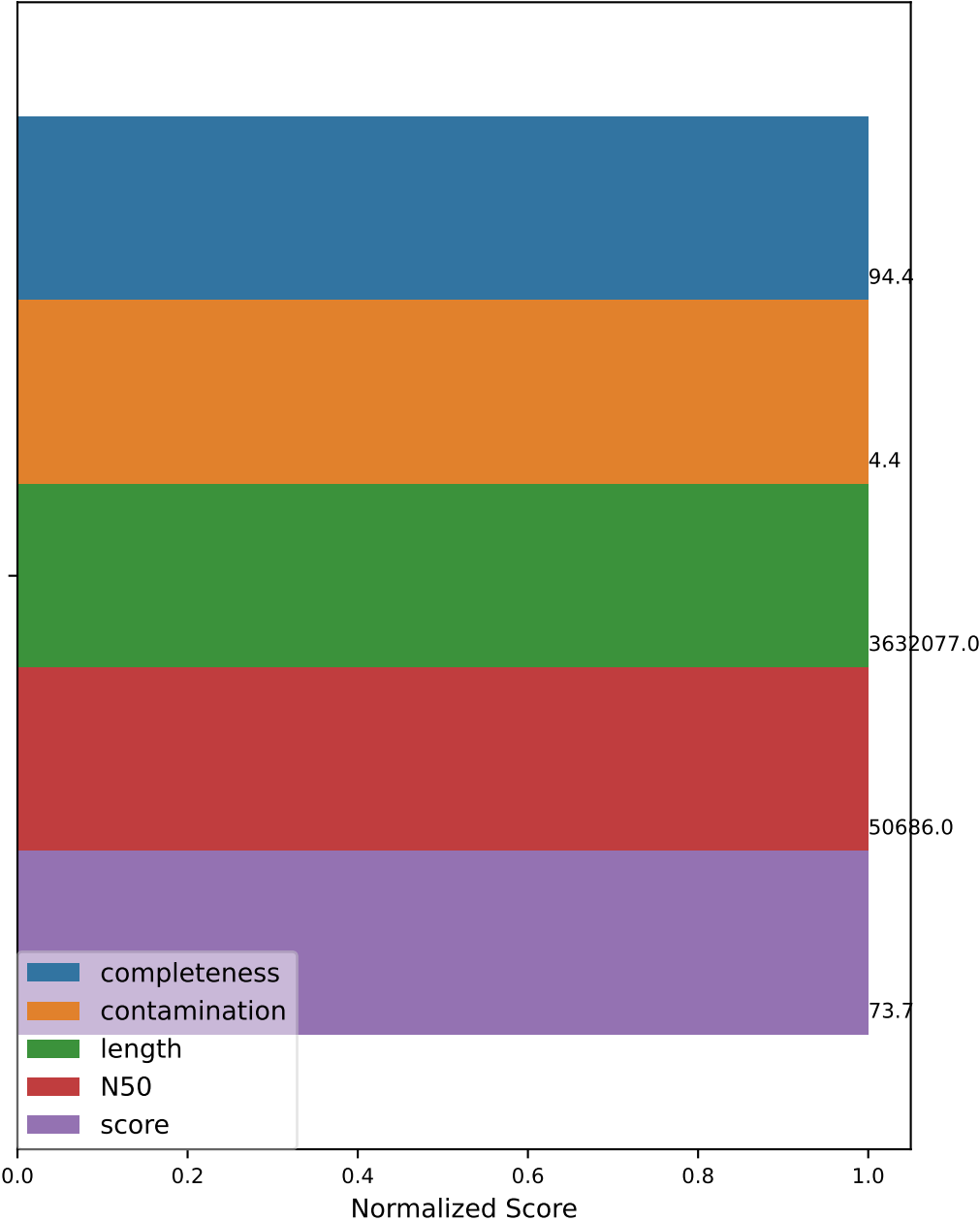
Scoring of cluster 482\_0



Scoring of cluster 483\_1

genome

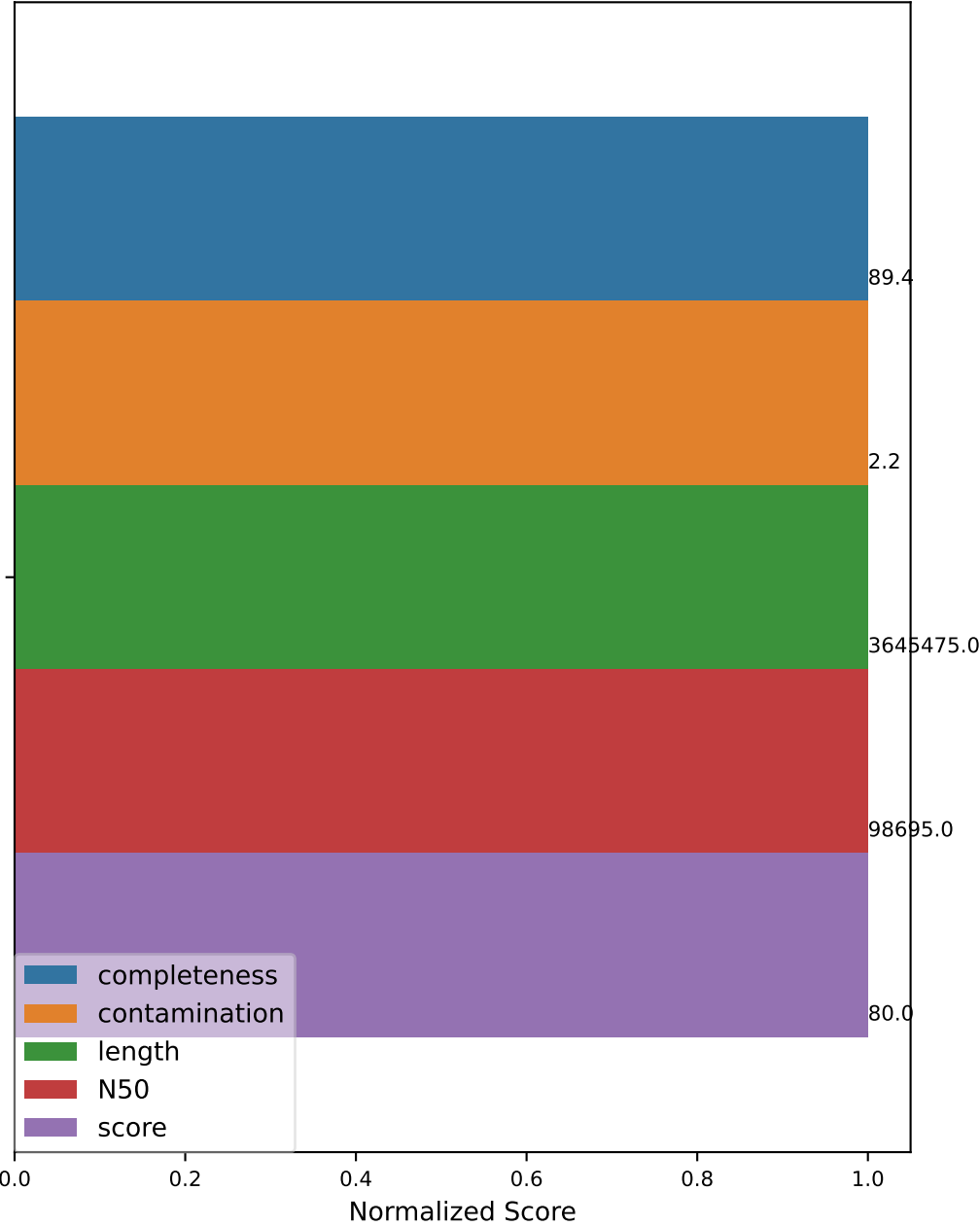
TOBG\_SP-114.fna \*

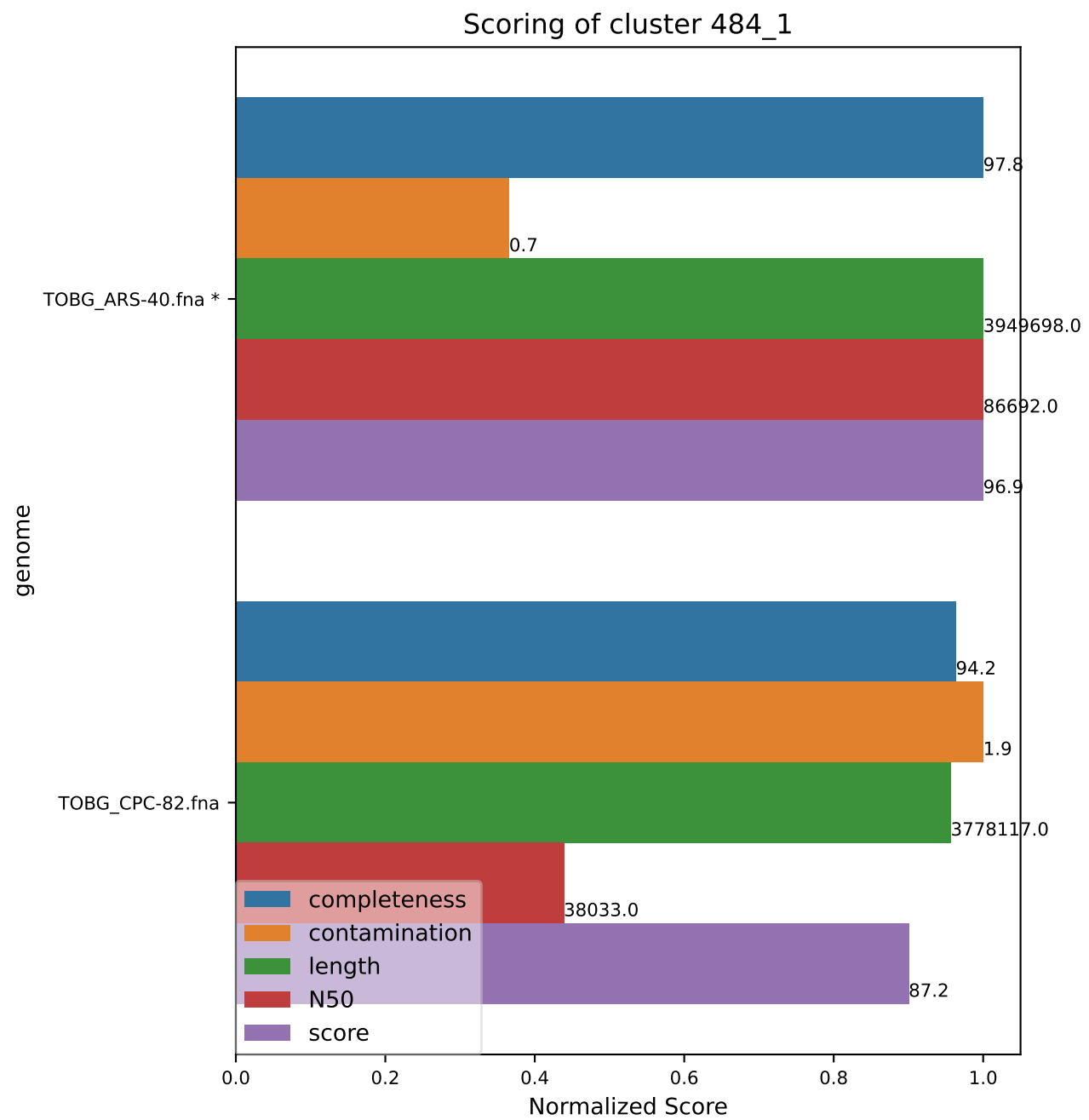


Scoring of cluster 483\_2

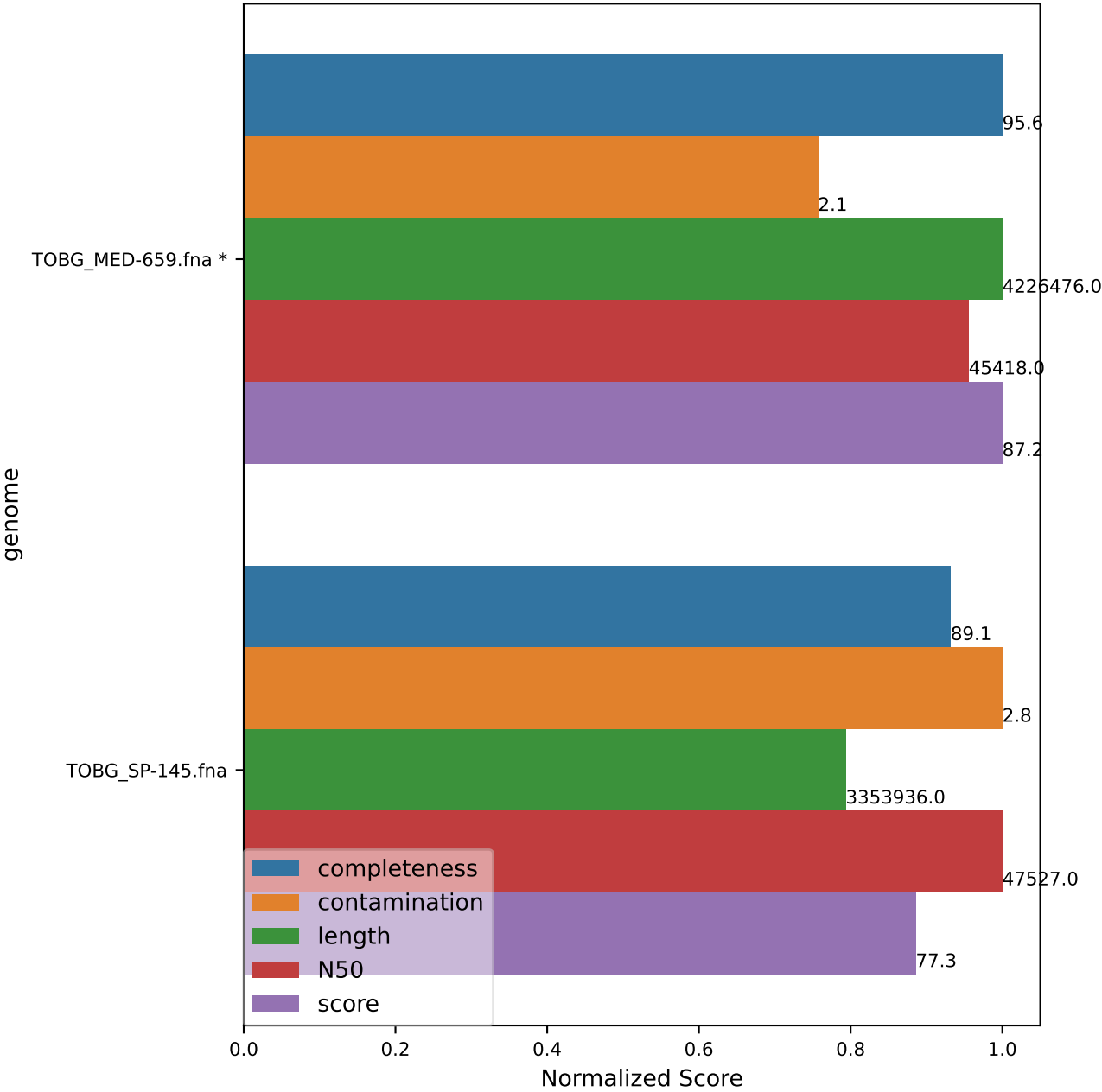
genome

TOBG\_SP-52.fna \*

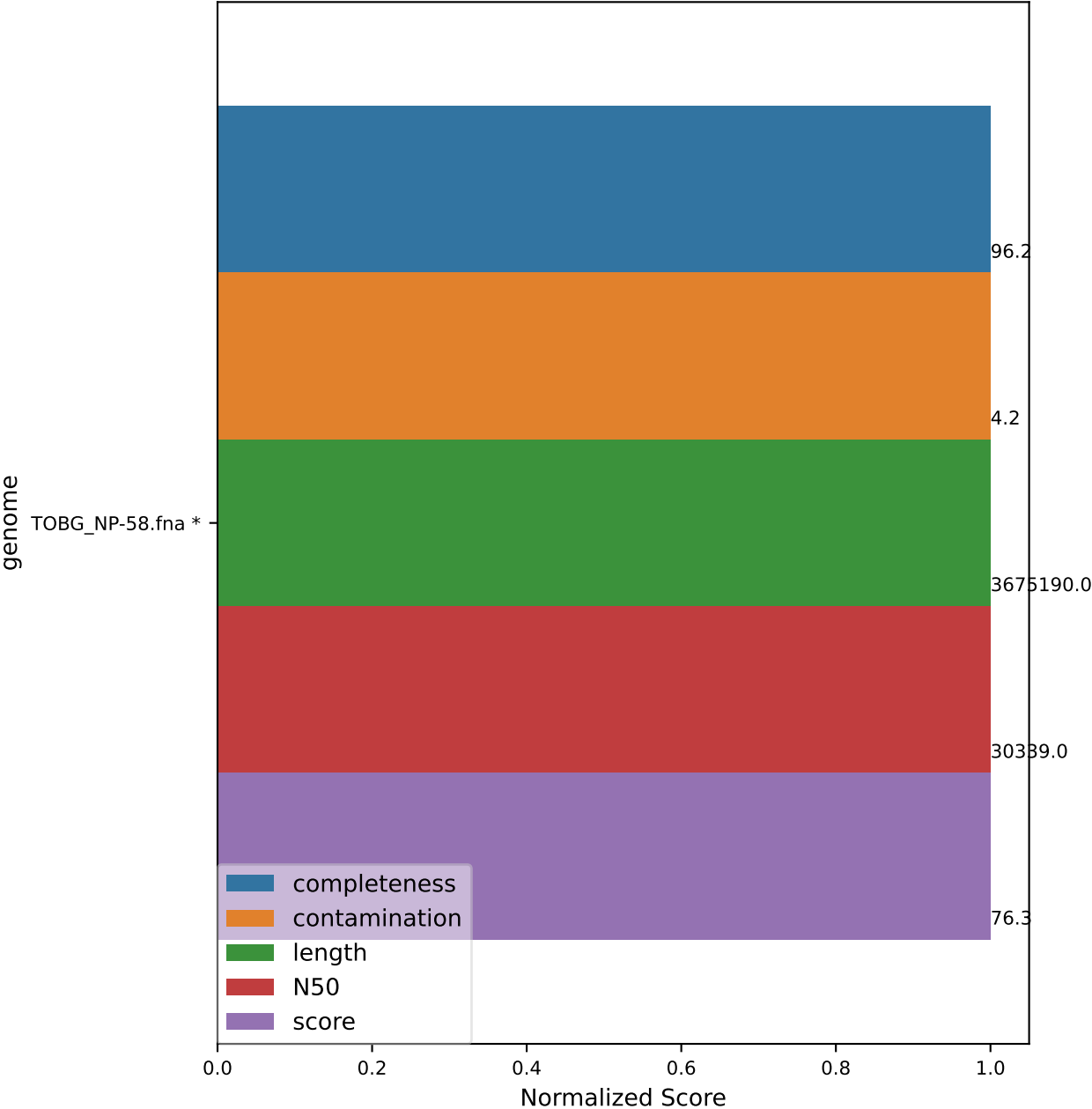




Scoring of cluster 484\_2



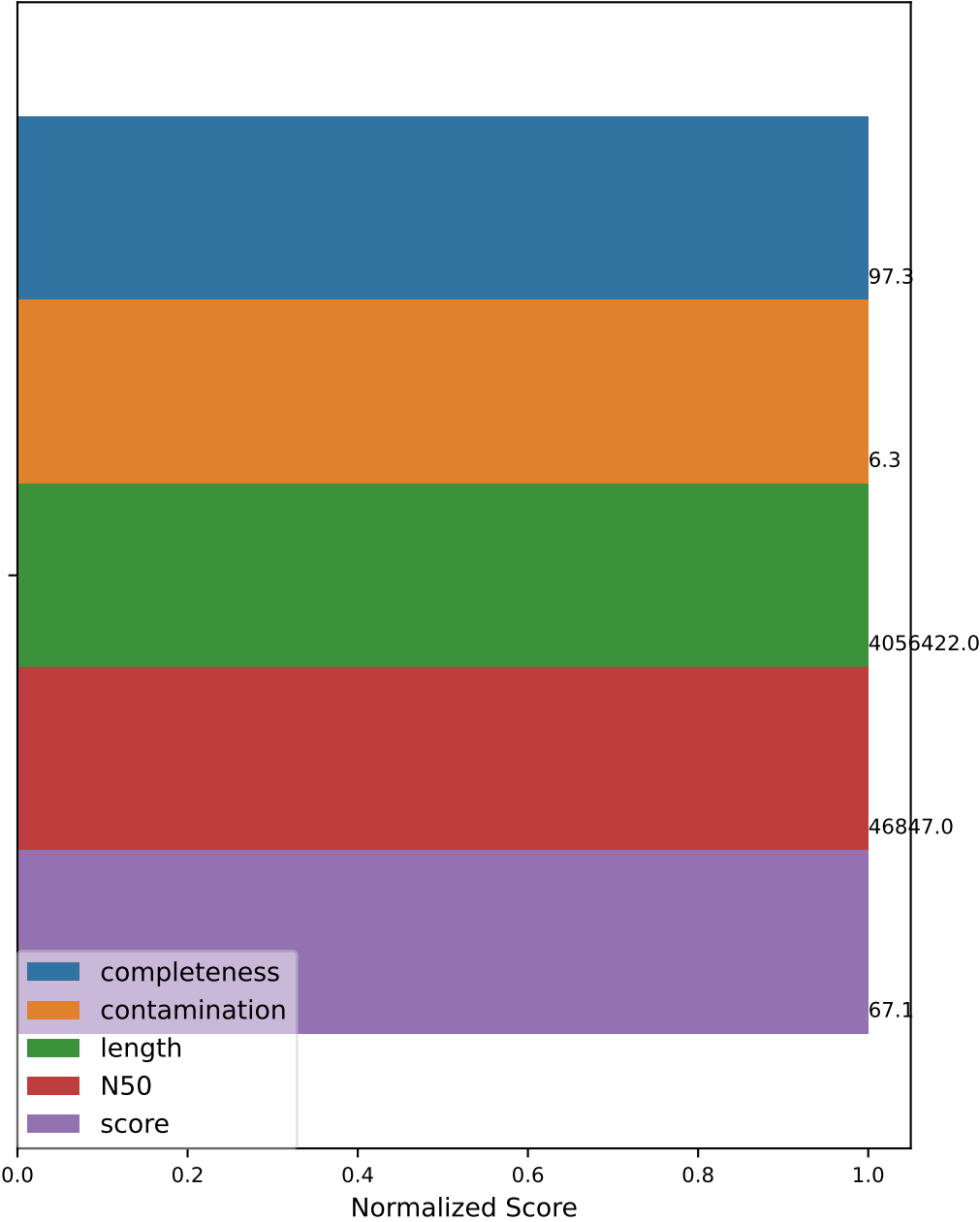
Scoring of cluster 485\_0



Scoring of cluster 486\_0

genome

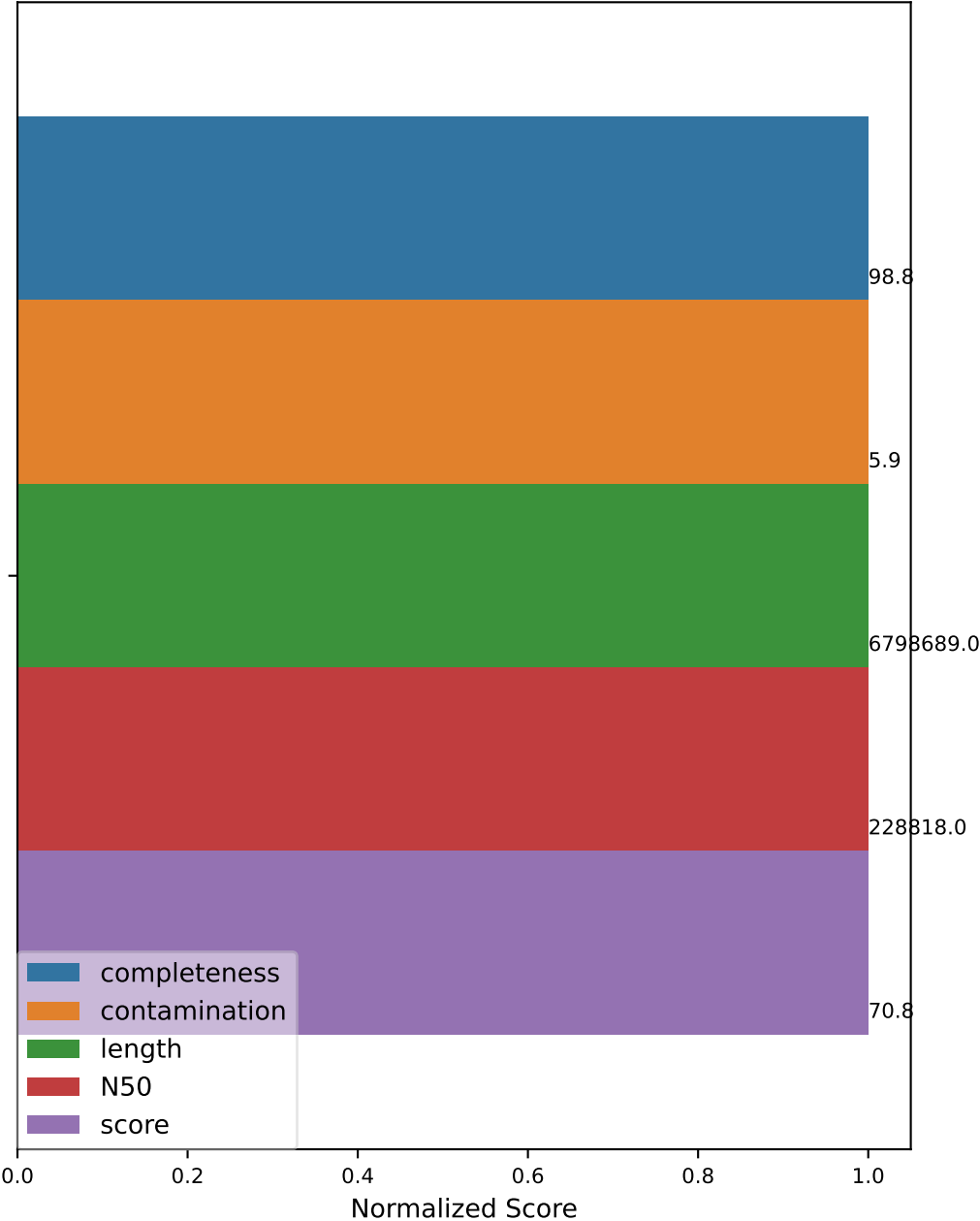
TOBG\_SP-194.fna \*



Scoring of cluster 487\_0

genome

TOBG\_SP-176.fna \*

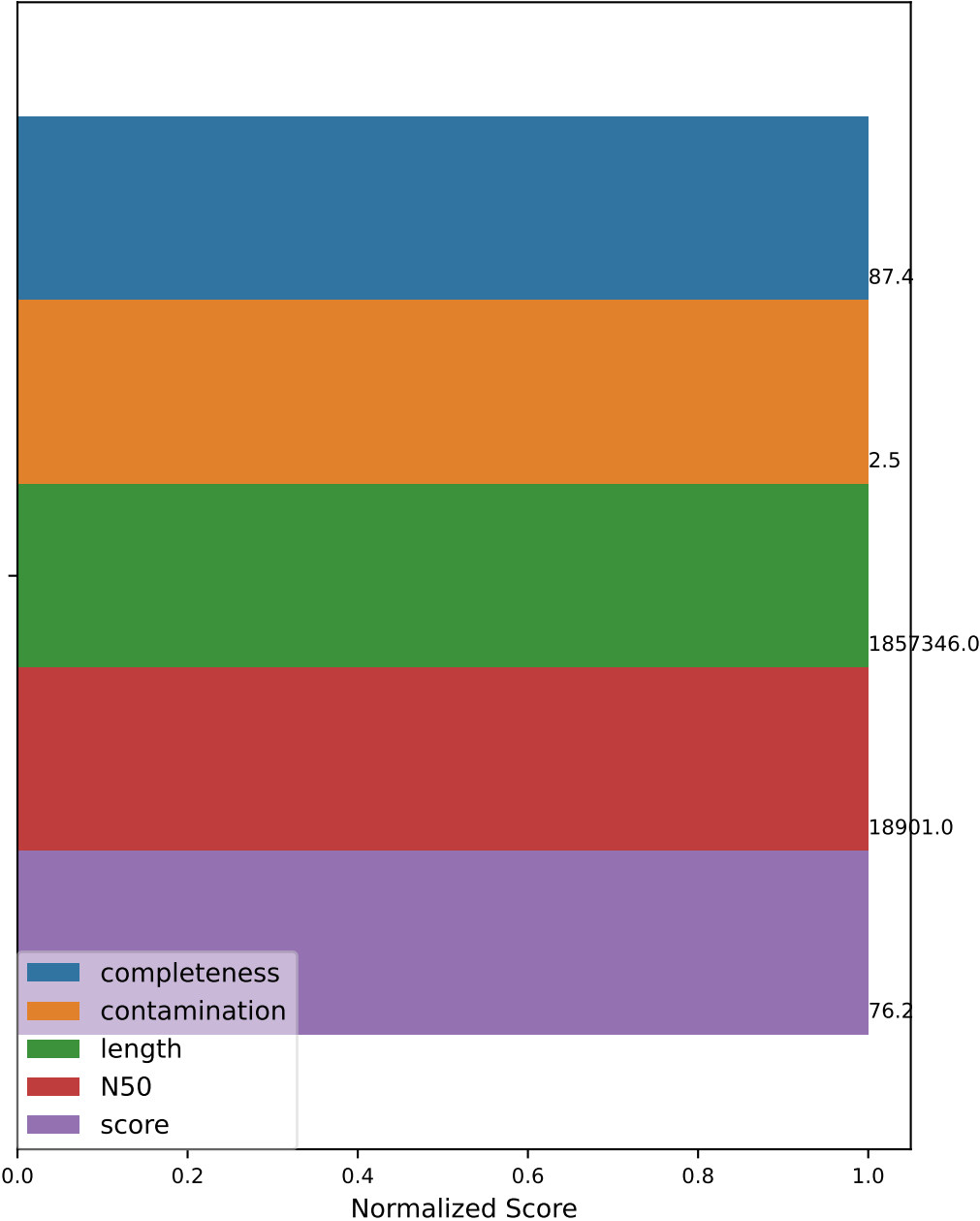




Scoring of cluster 488\_1

genome

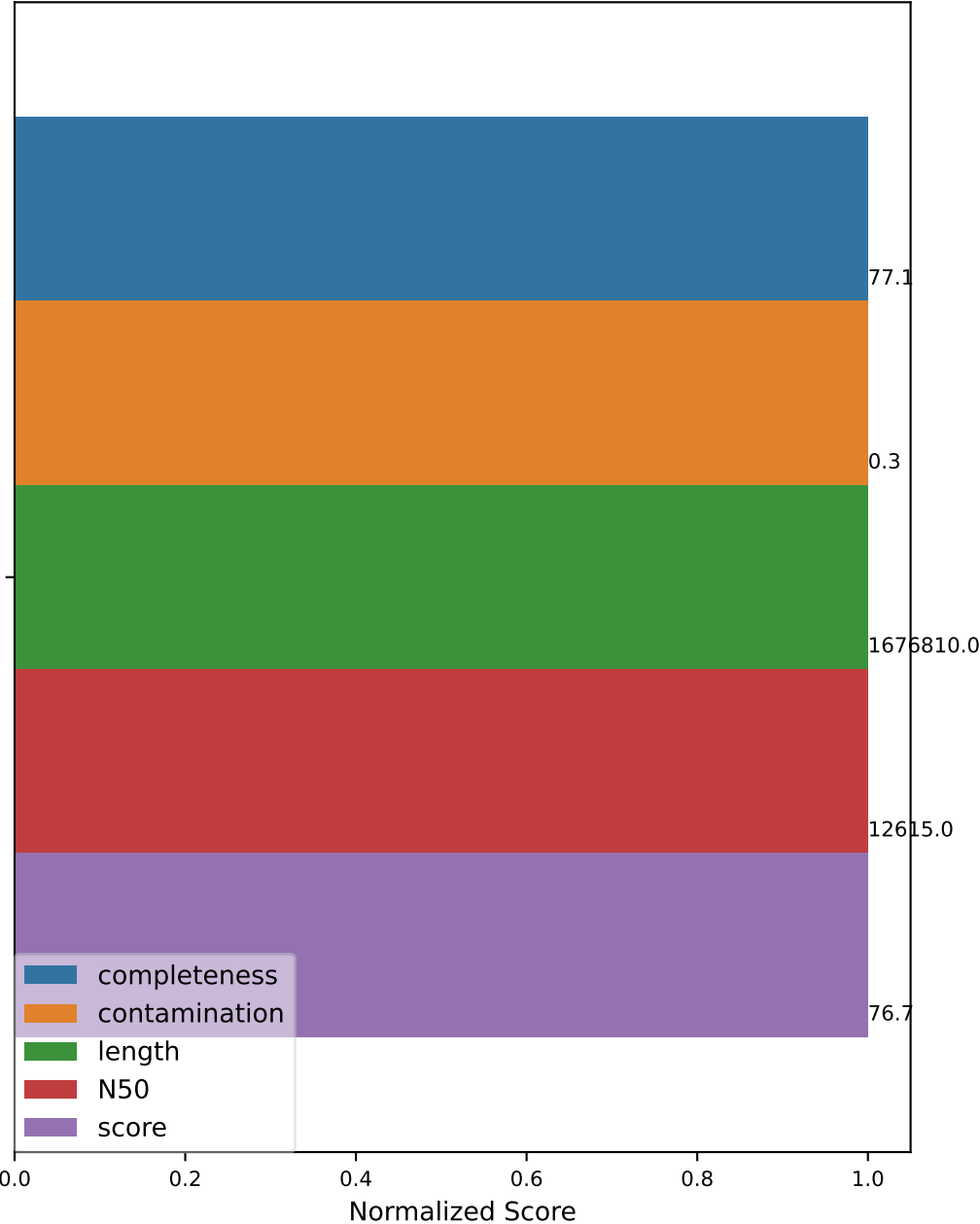
TOBG\_MED-677.fna \*



Scoring of cluster 488\_2

genome

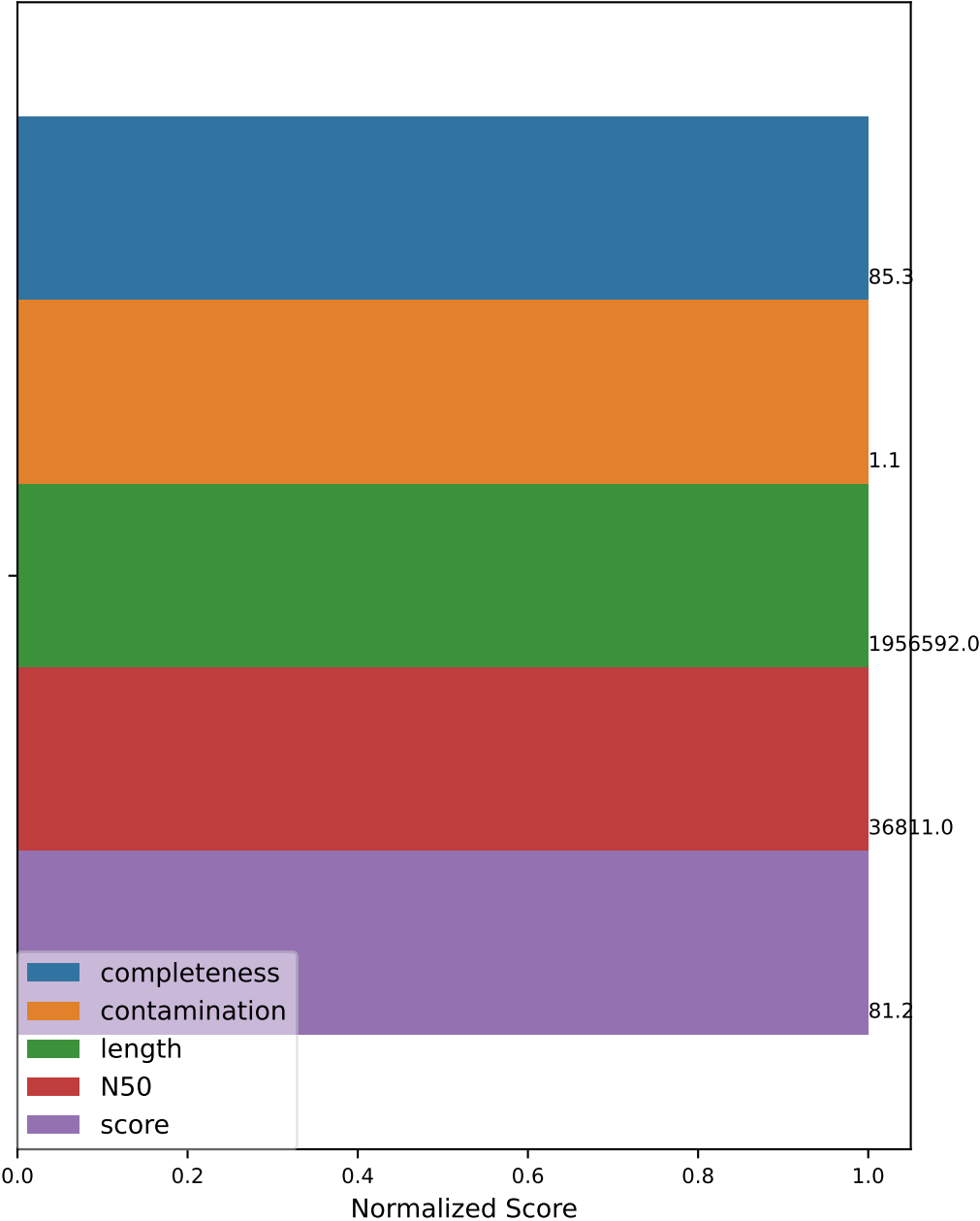
TOBG\_RS-402.fna \*



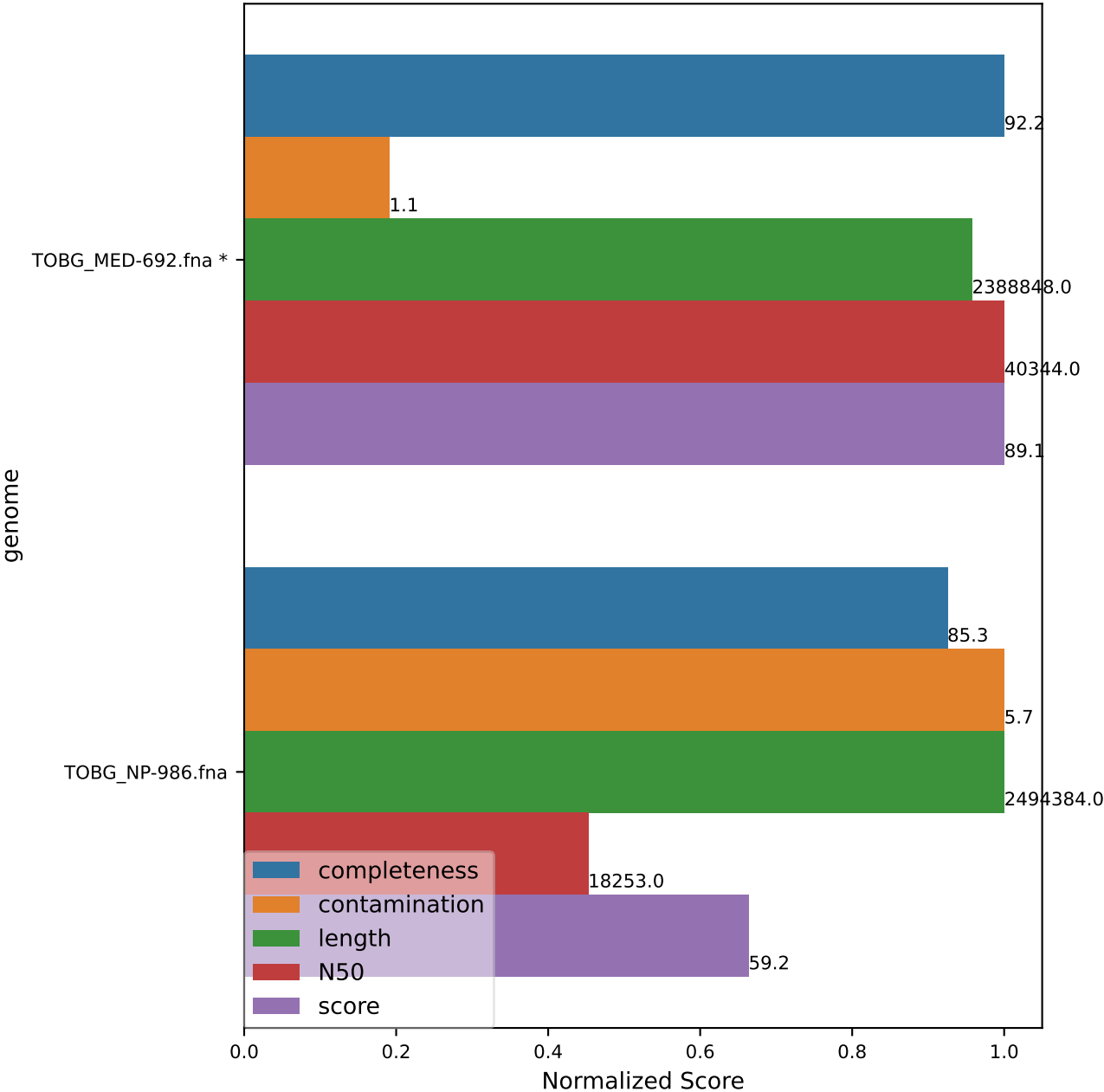
Scoring of cluster 489\_0

genome

TOBG\_SAT-132.fna \*



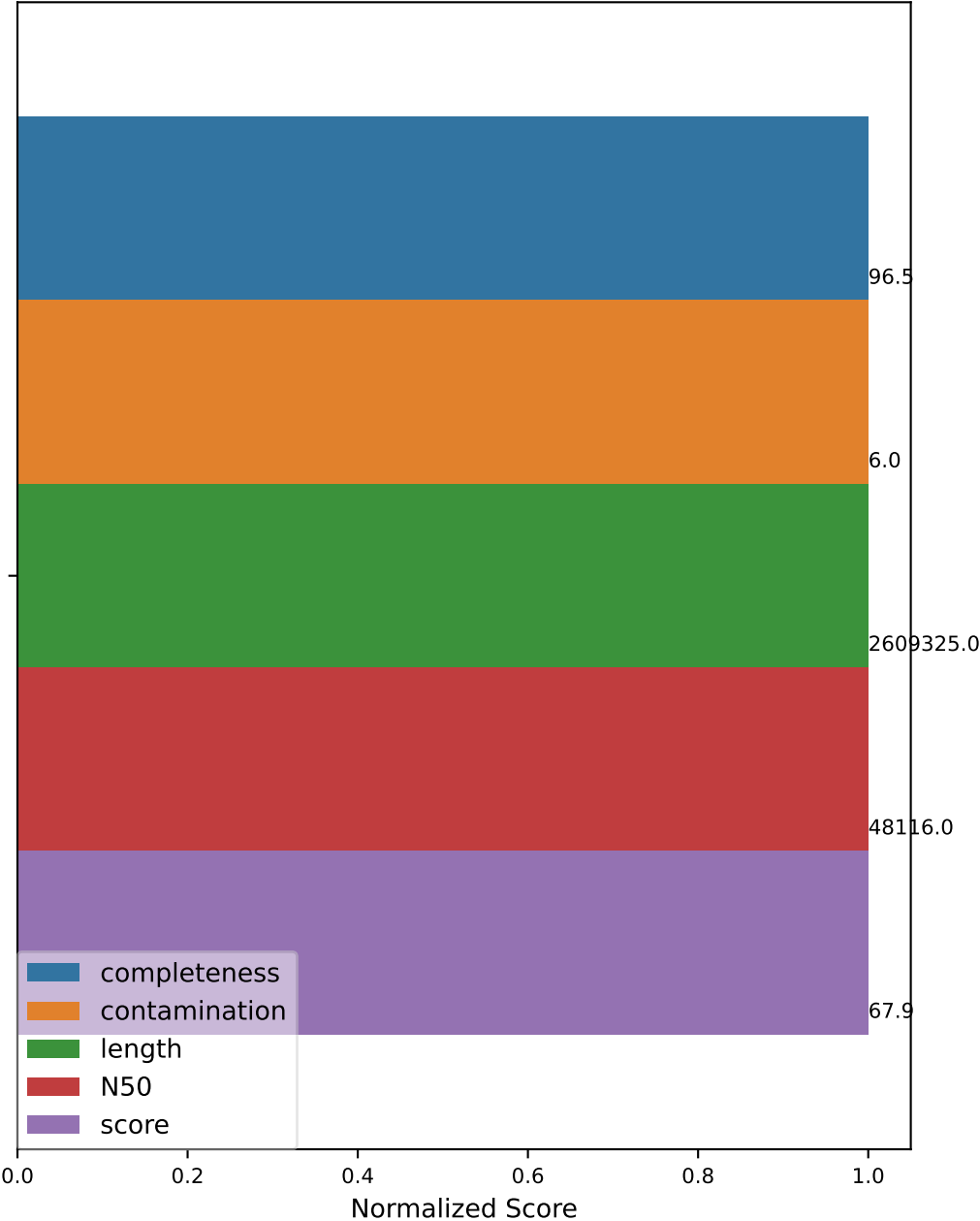
Scoring of cluster 490\_1



Scoring of cluster 491\_0

genome

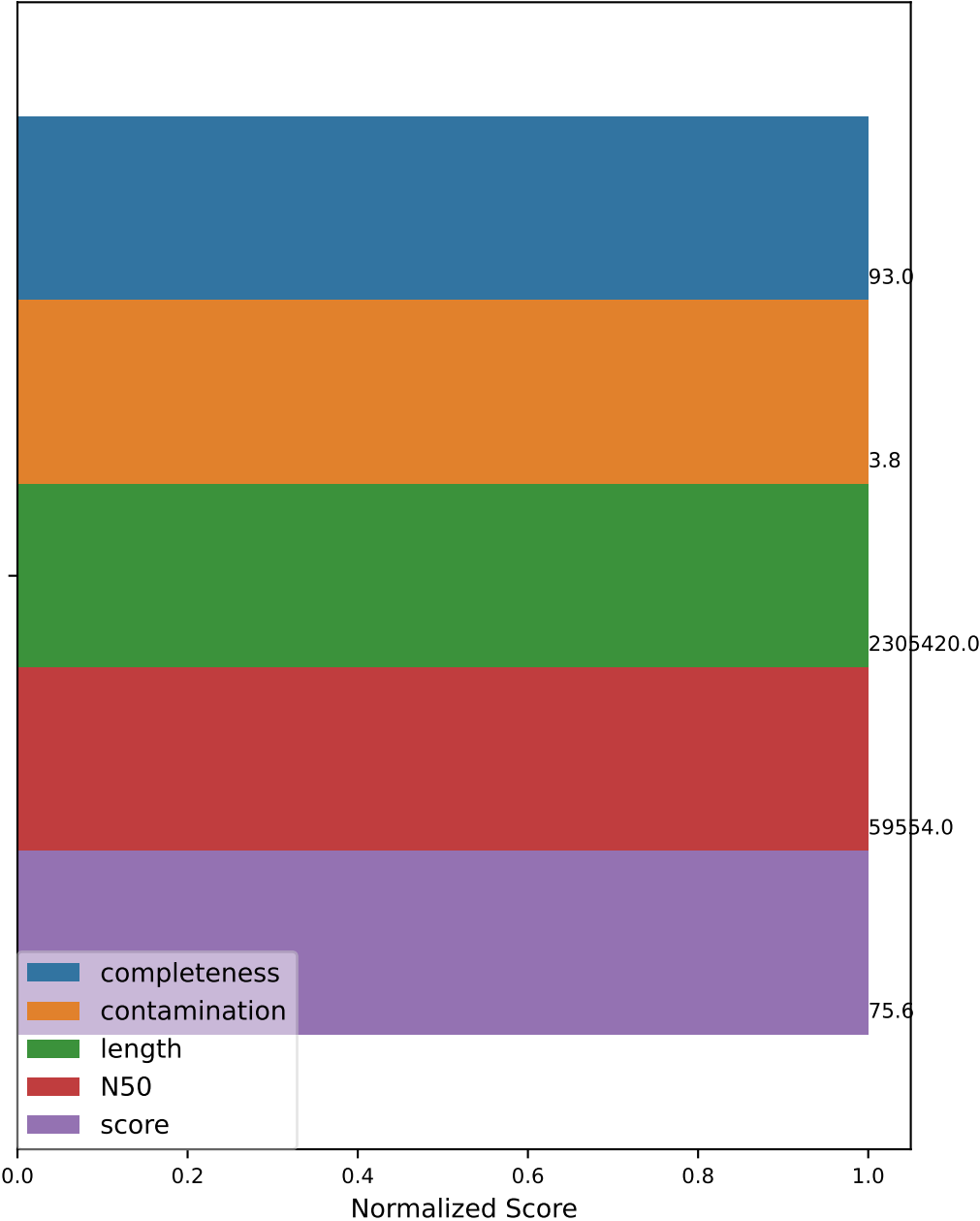
TOBG\_MED-622.fna \*



Scoring of cluster 492\_0

genome

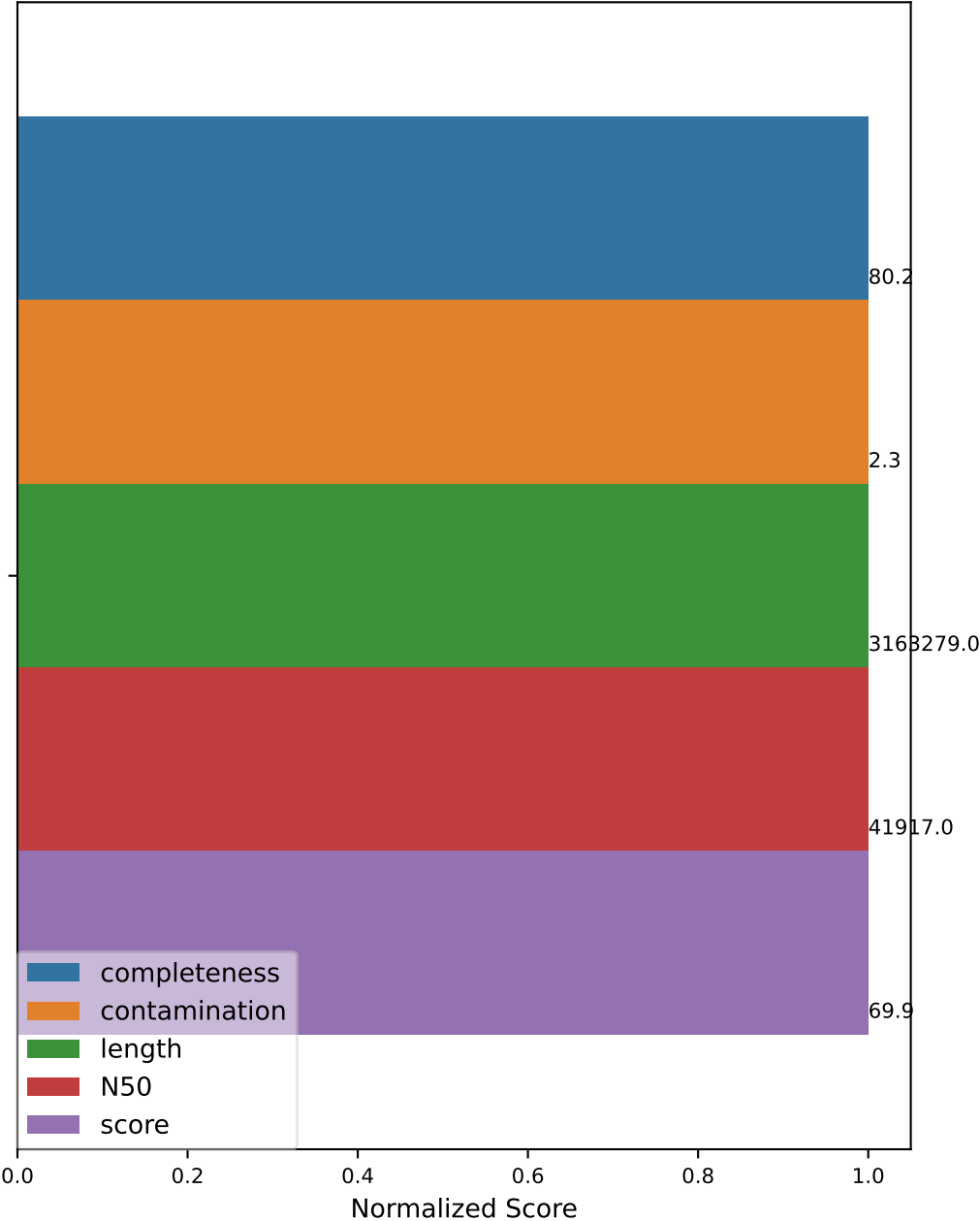
TOBG\_SP-187.fna \*



Scoring of cluster 493\_0

genome

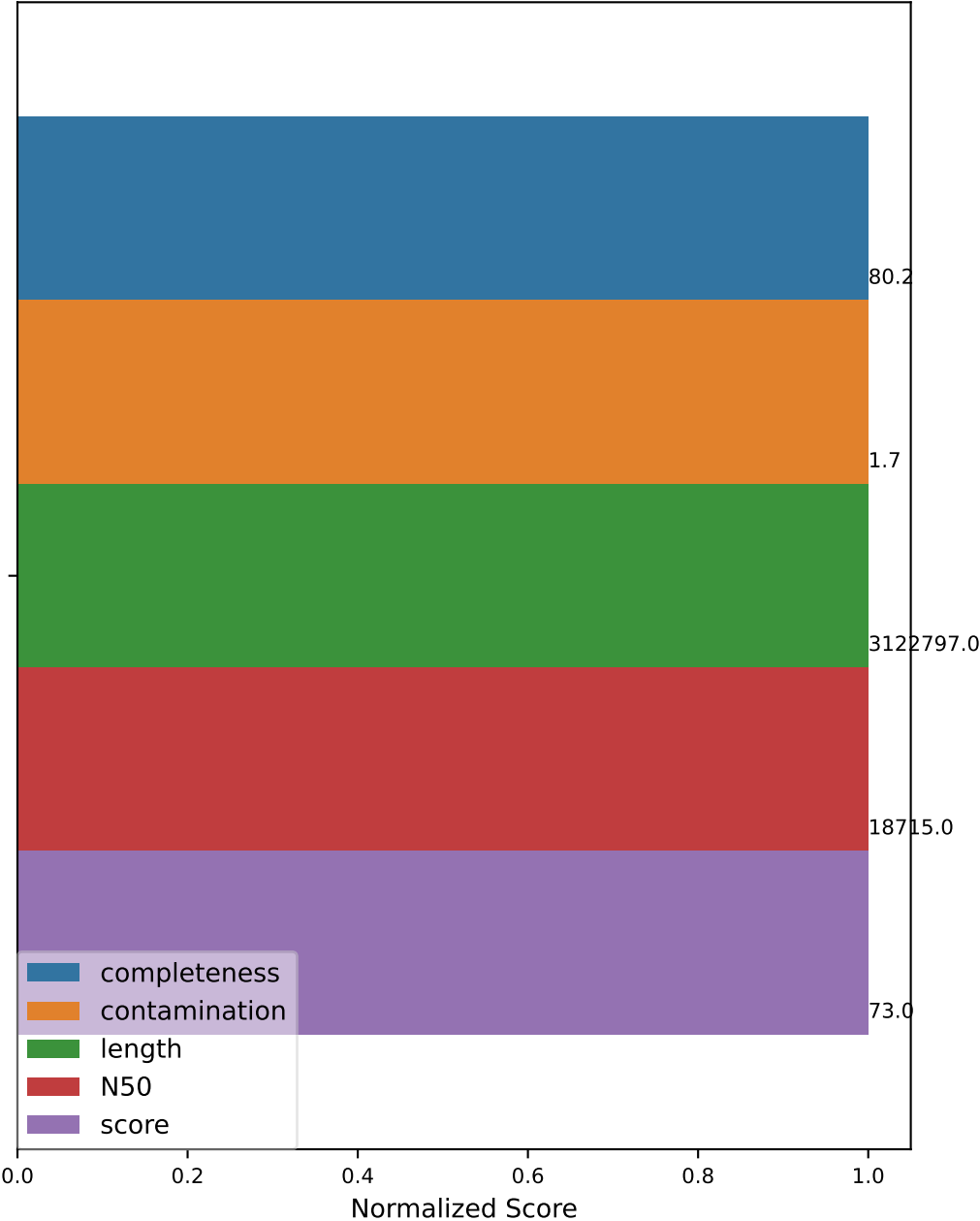
TOBG\_CPC-61.fna \*



Scoring of cluster 494\_0

genome

TOBG\_MED-745.fna \*

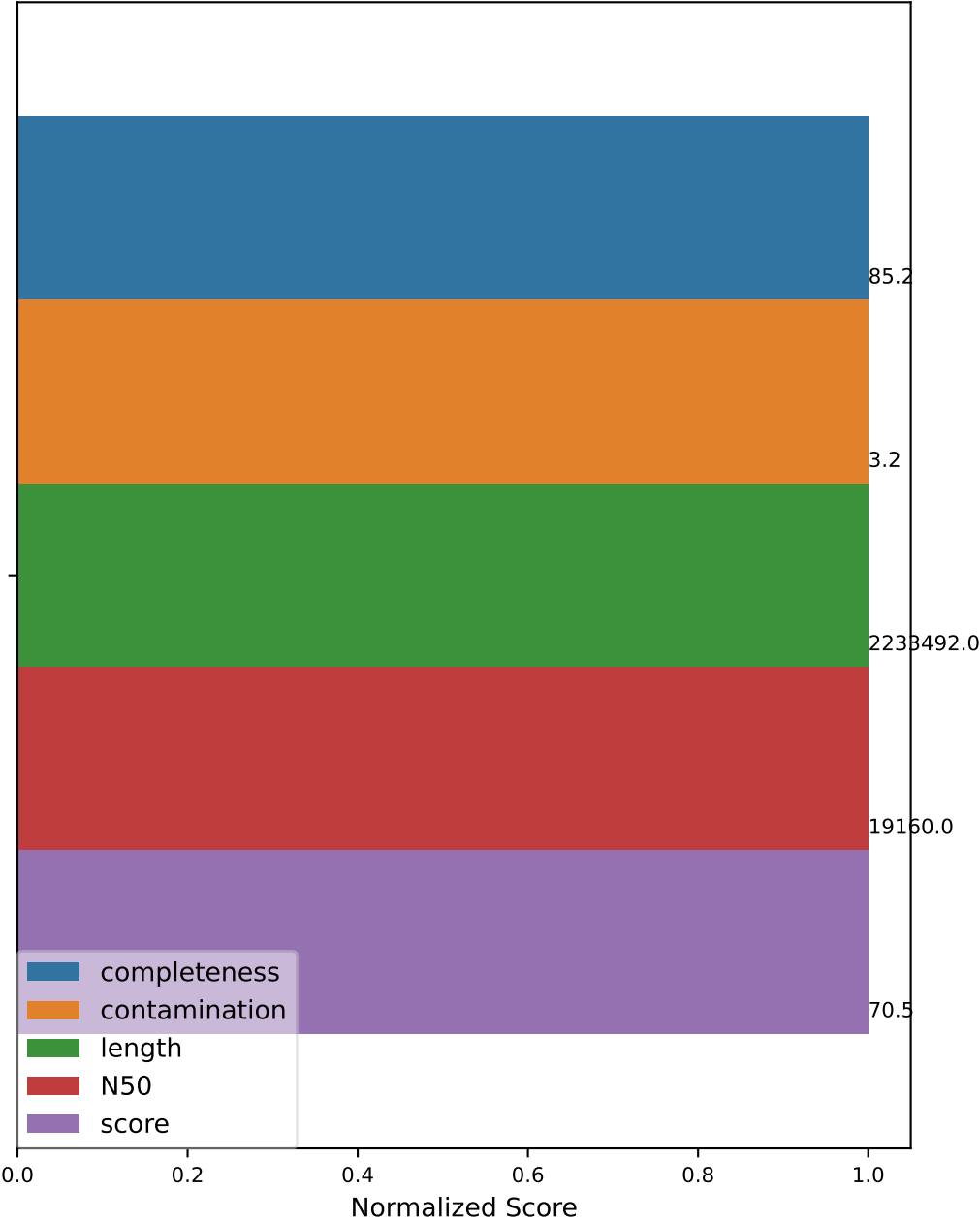




Scoring of cluster 495\_0

genome

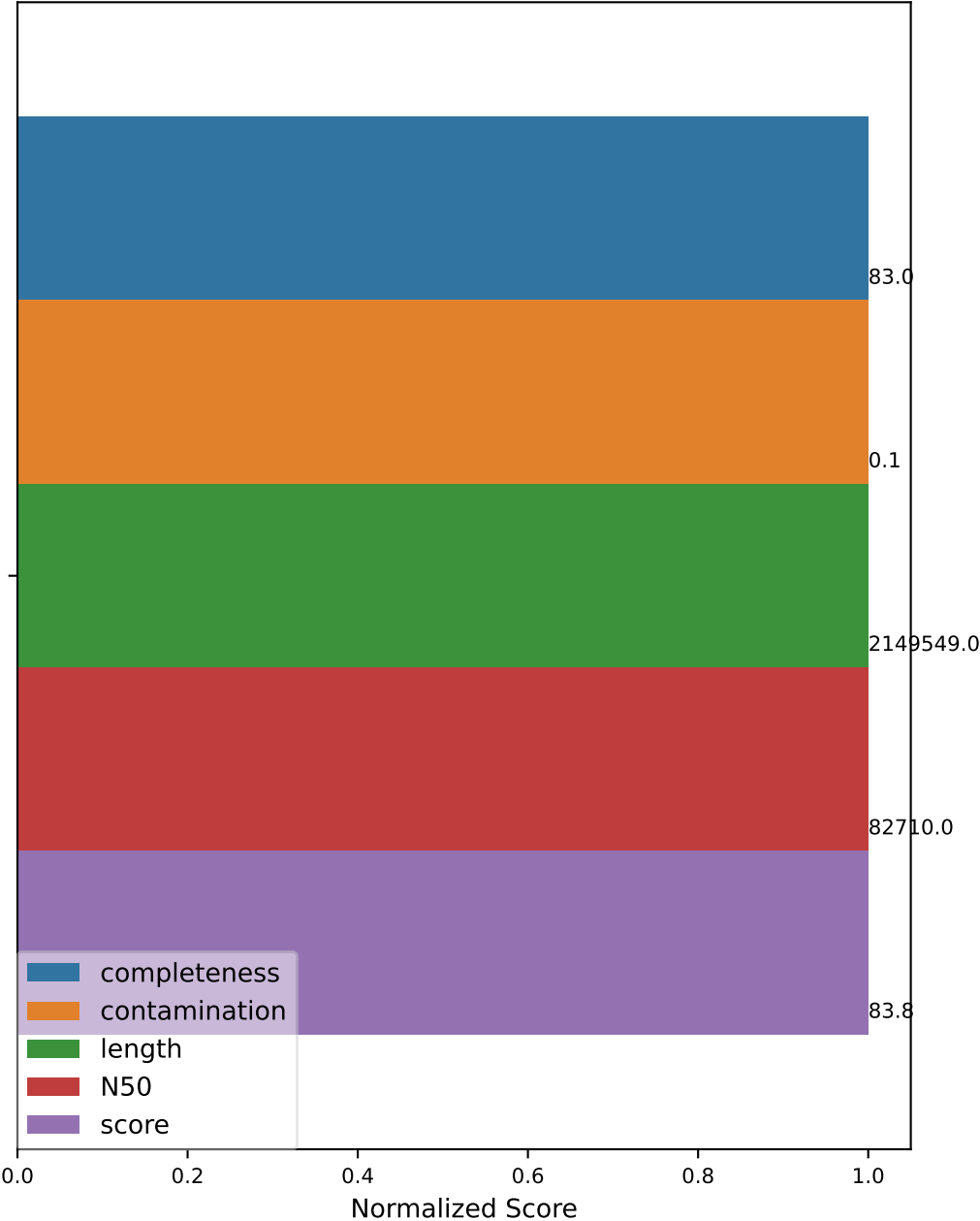
TOBG\_CPC-59.fna \*



Scoring of cluster 496\_0

genome

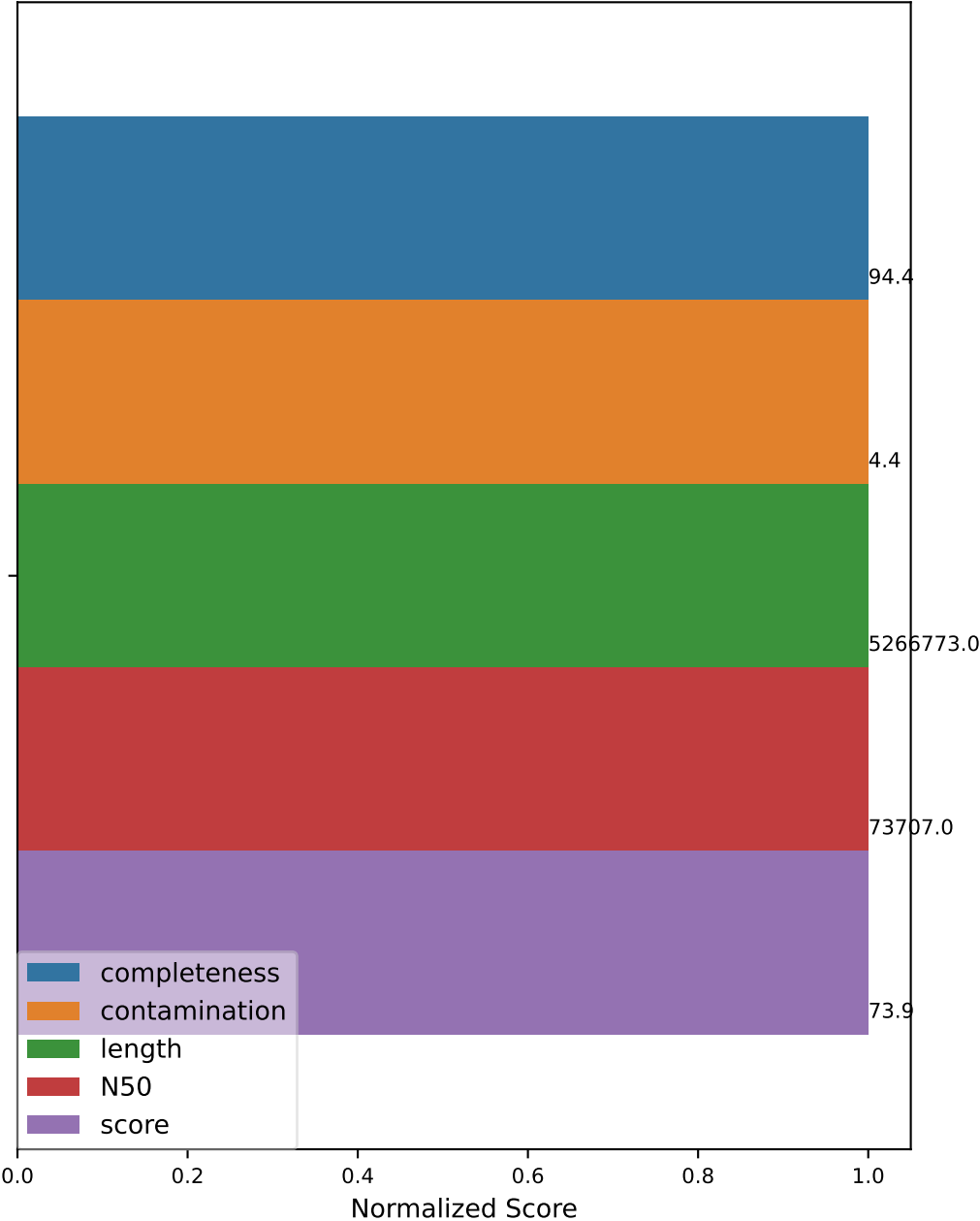
TOBG\_NP-107.fna \*



Scoring of cluster 497\_0

genome

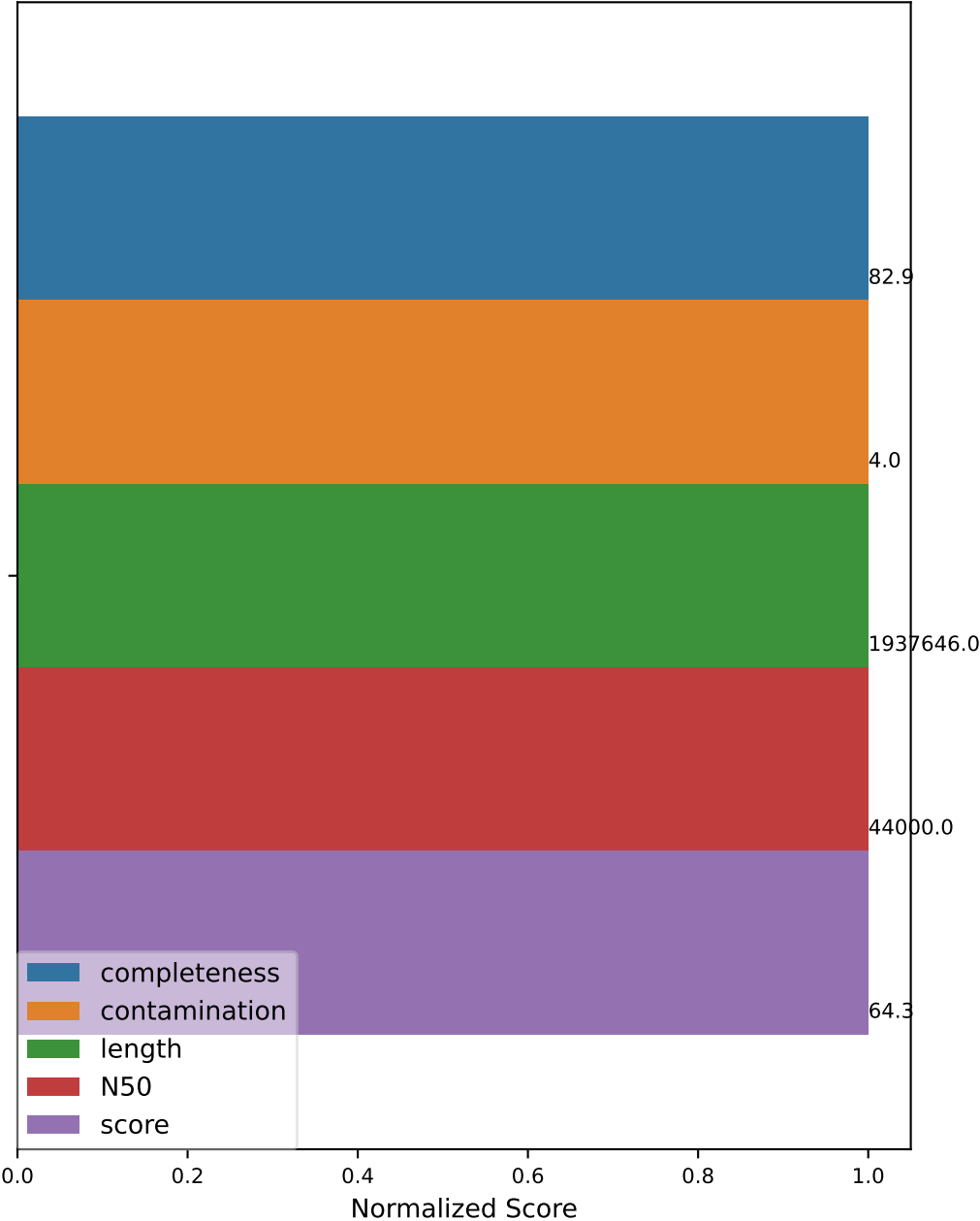
TOBG\_SP-138.fna \*



Scoring of cluster 498\_0

genome

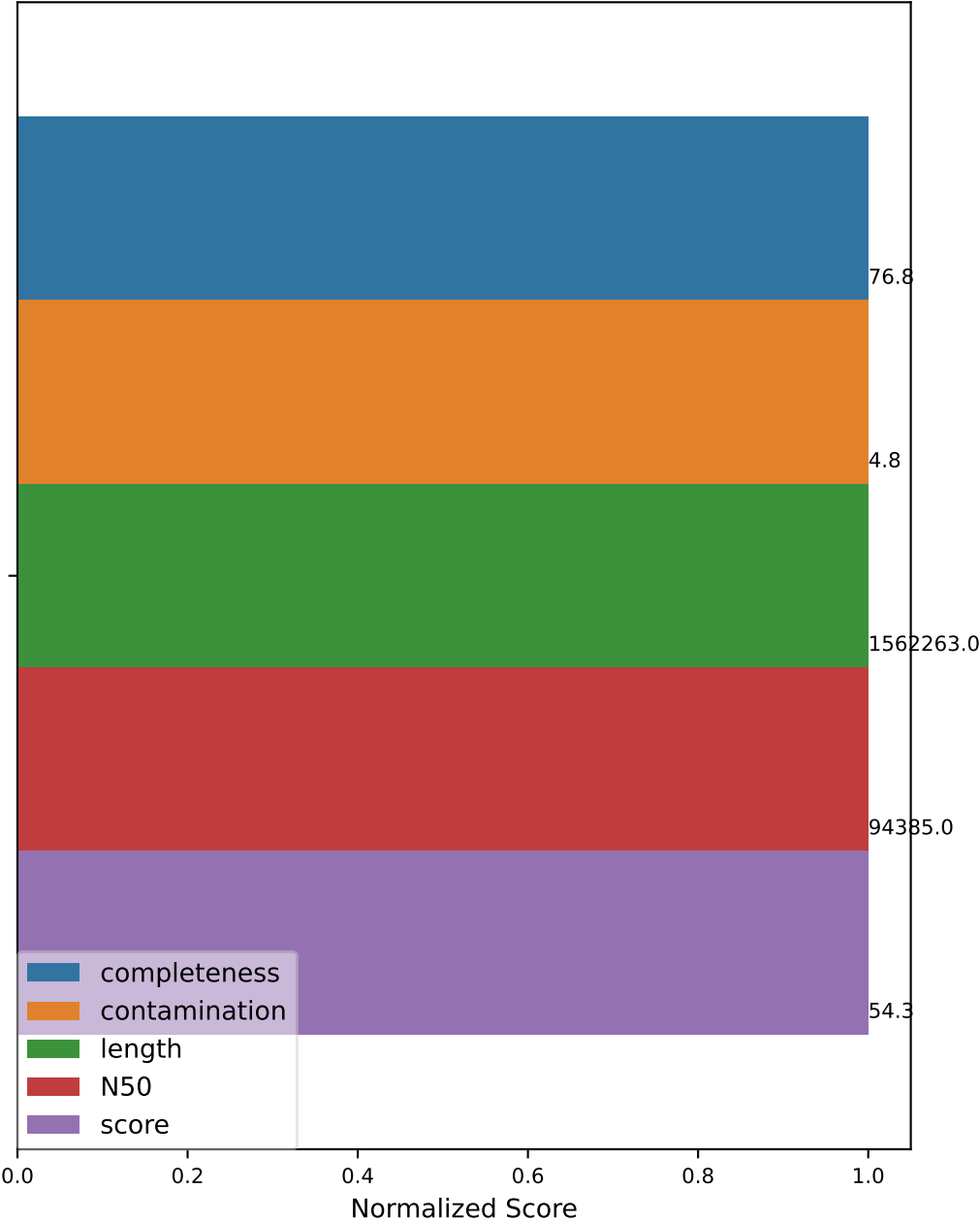
TOBG\_MED-743.fna \*



Scoring of cluster 499\_0

genome

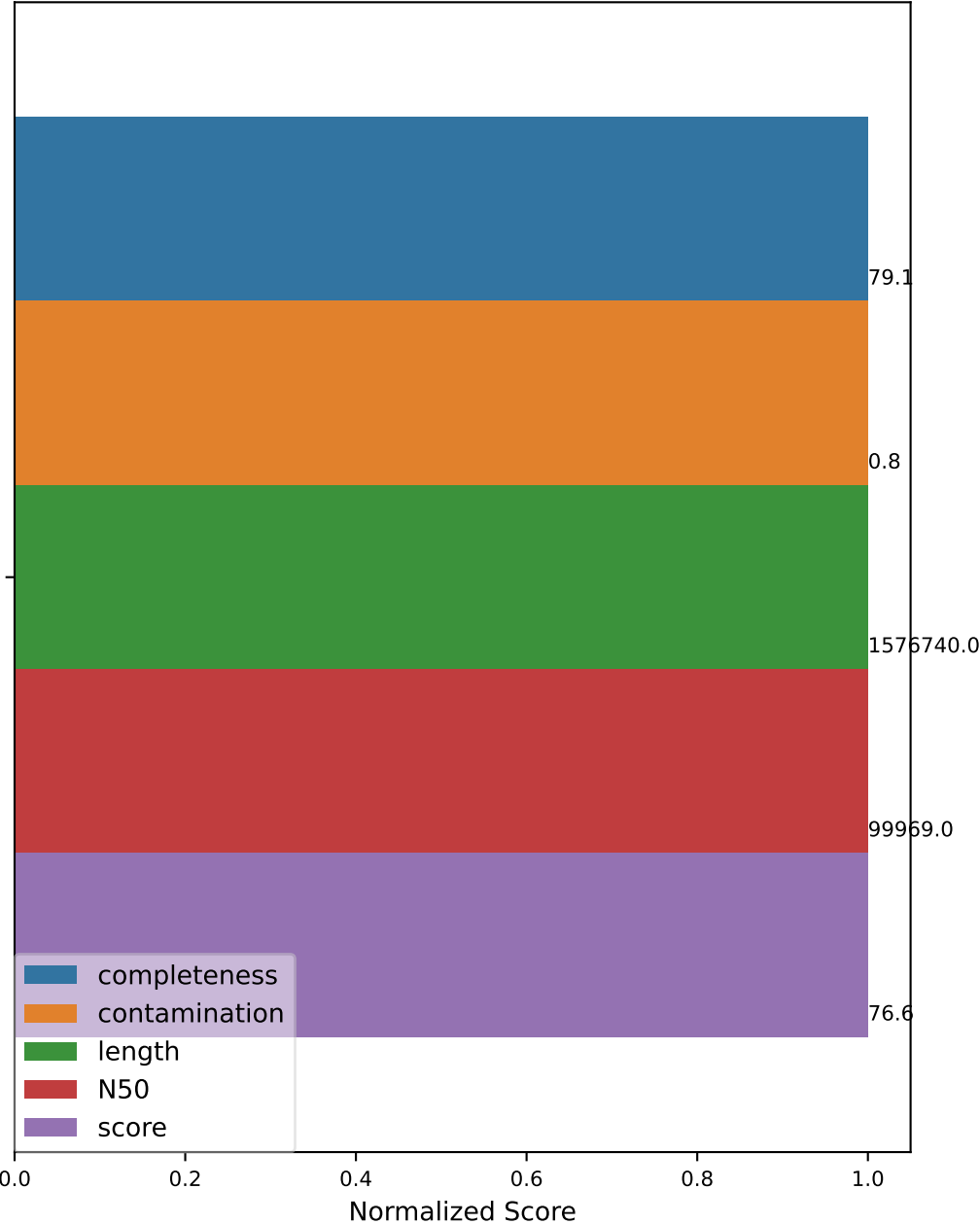
TOBG\_SP-3068.fna \*



Scoring of cluster 500\_0

genome

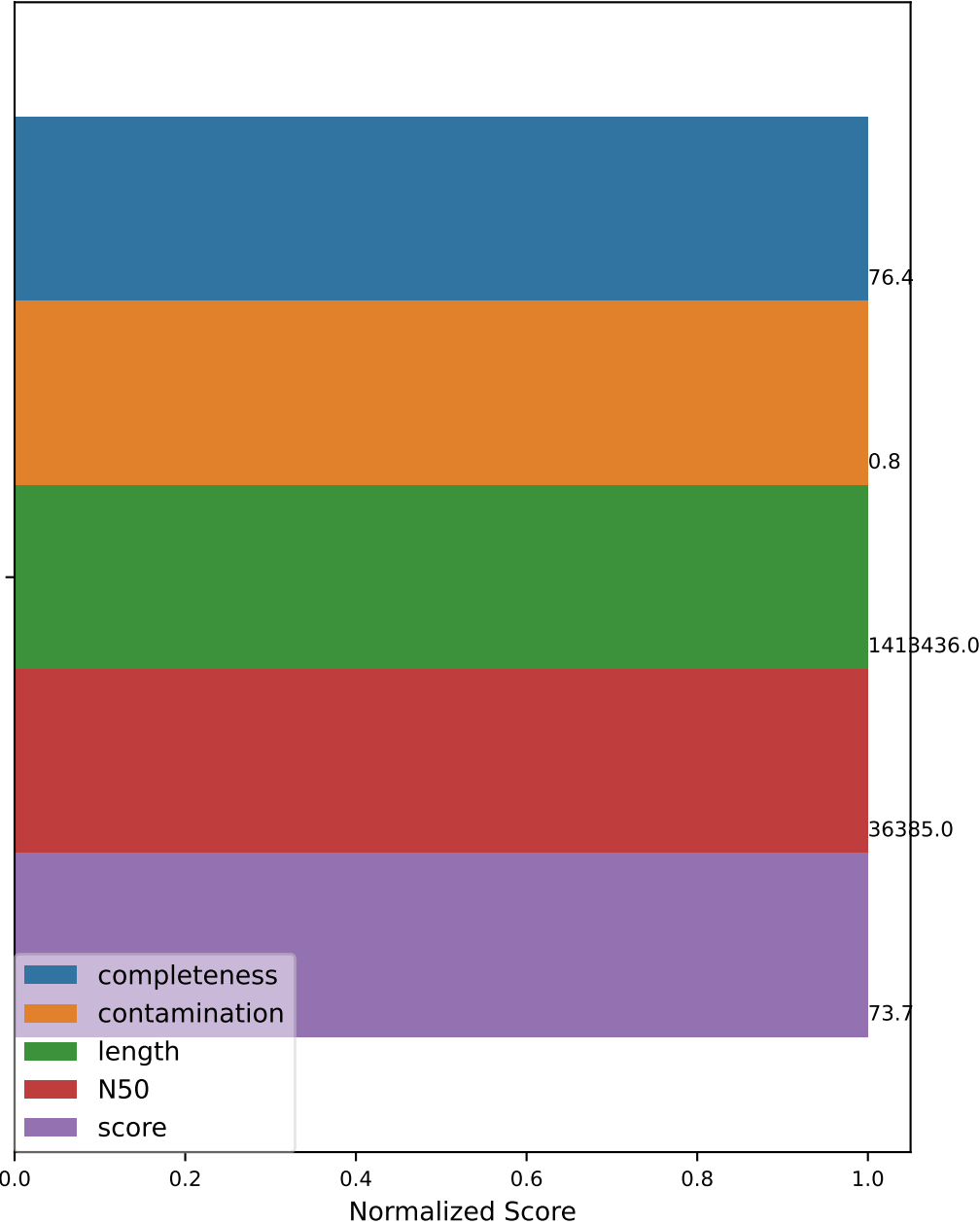
TOBG\_SP-88.fna \*



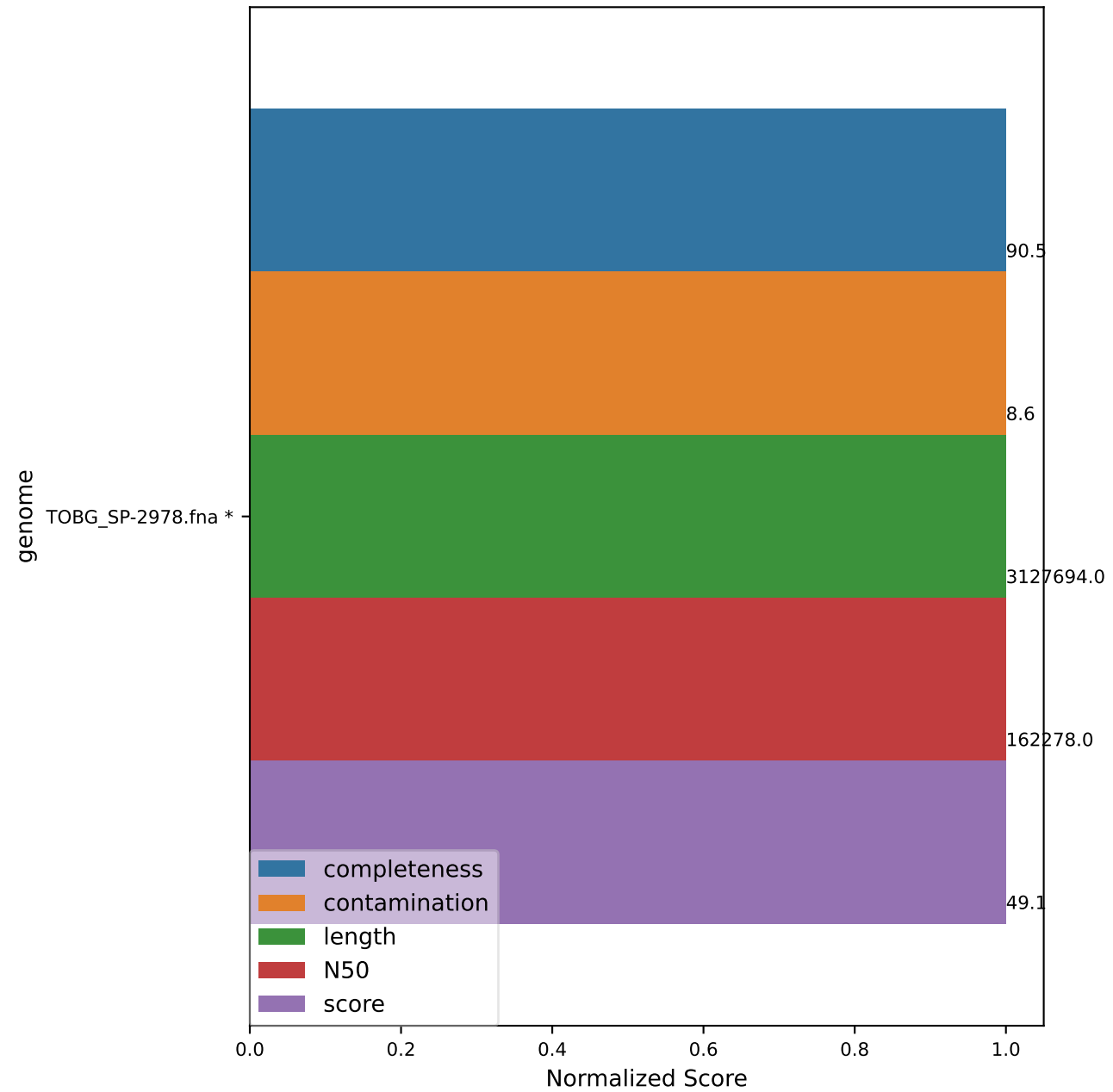
Scoring of cluster 501\_0

genome

TOBG\_RS-392.fna \*



Scoring of cluster 502\_0

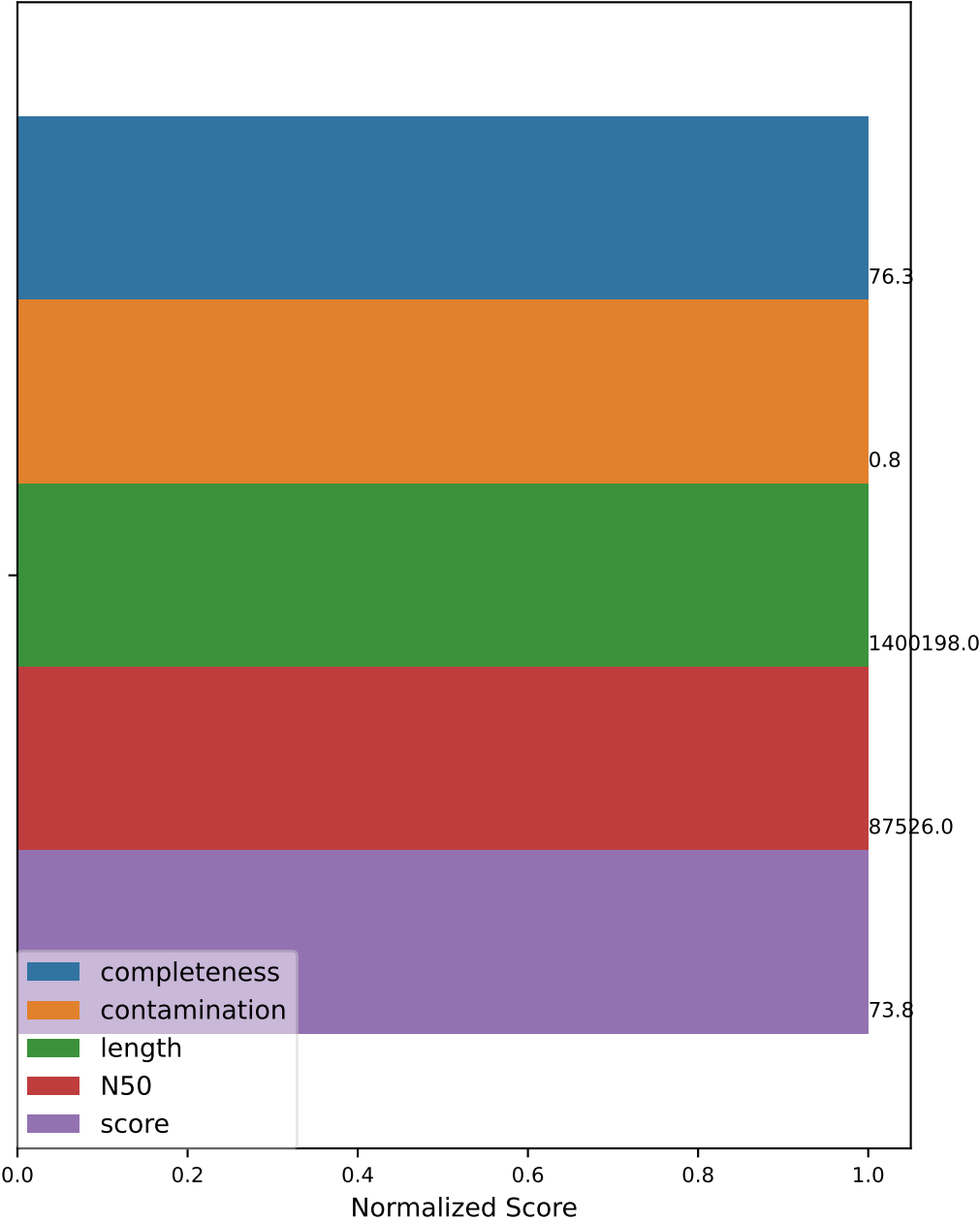




Scoring of cluster 503\_0

genome

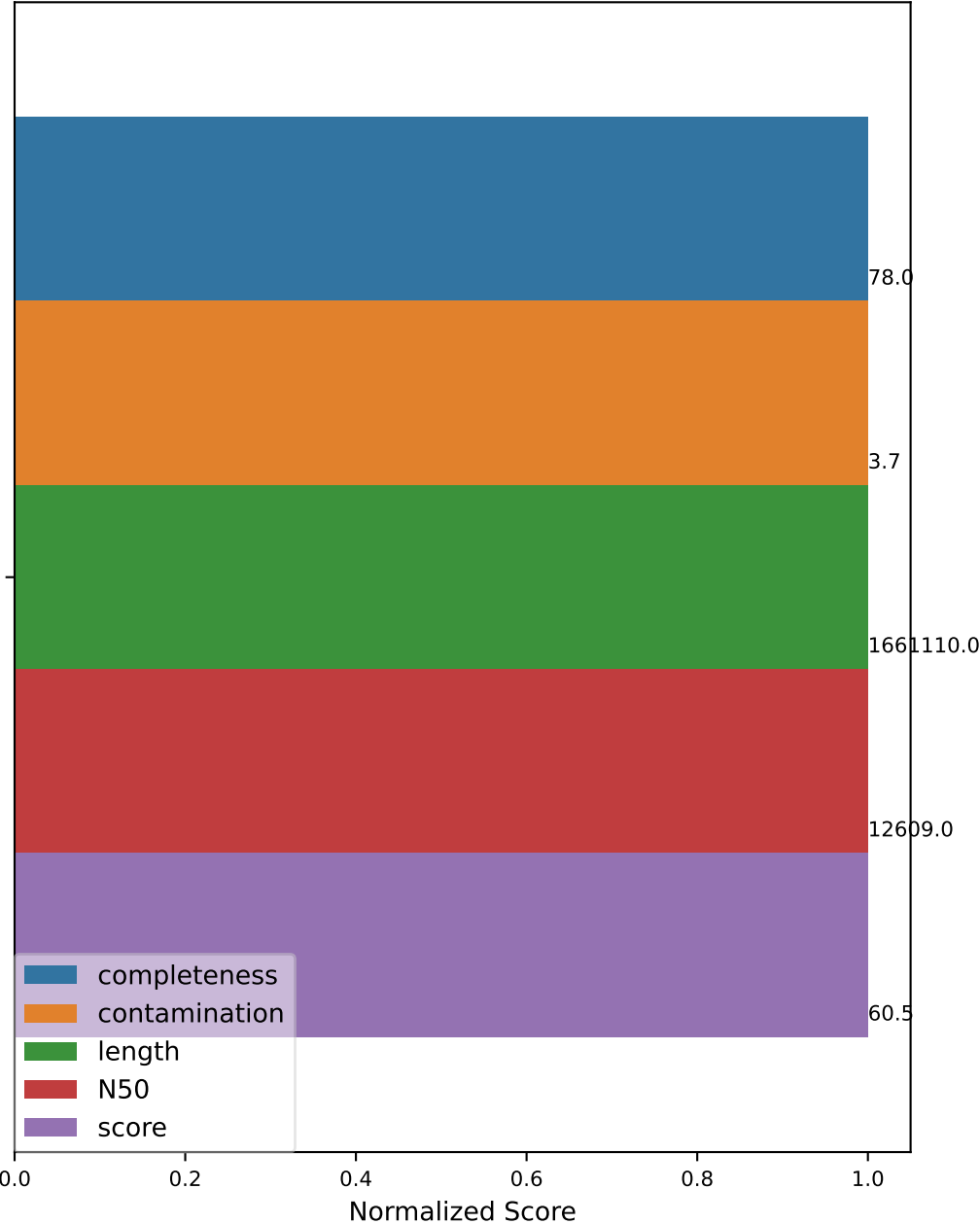
TOBG\_SP-208.fna \*



Scoring of cluster 504\_0

genome

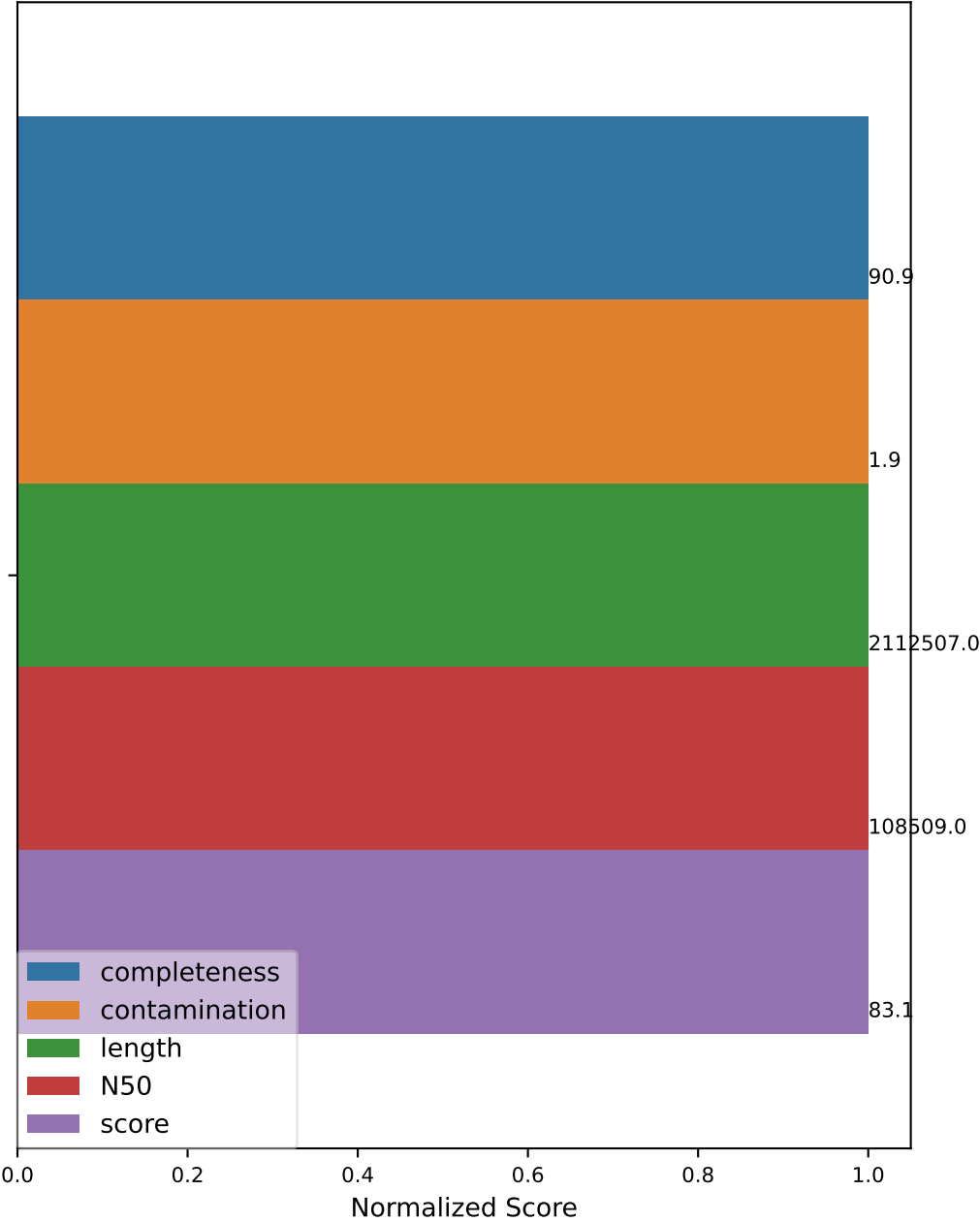
TOBG\_CPC-1326.fna \*



Scoring of cluster 505\_0

genome

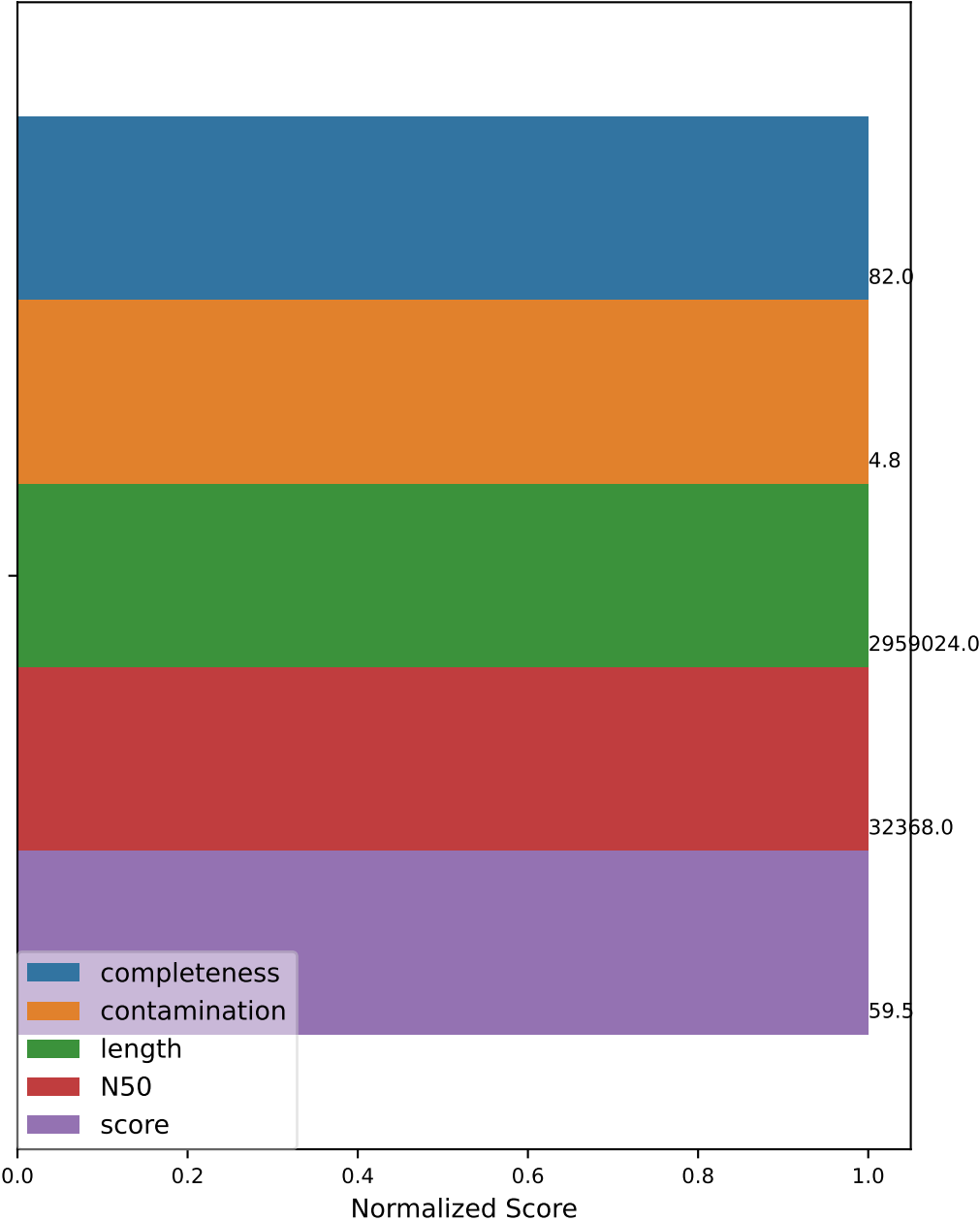
TOBG\_SAT-2756.fna \*



Scoring of cluster 506\_0

genome

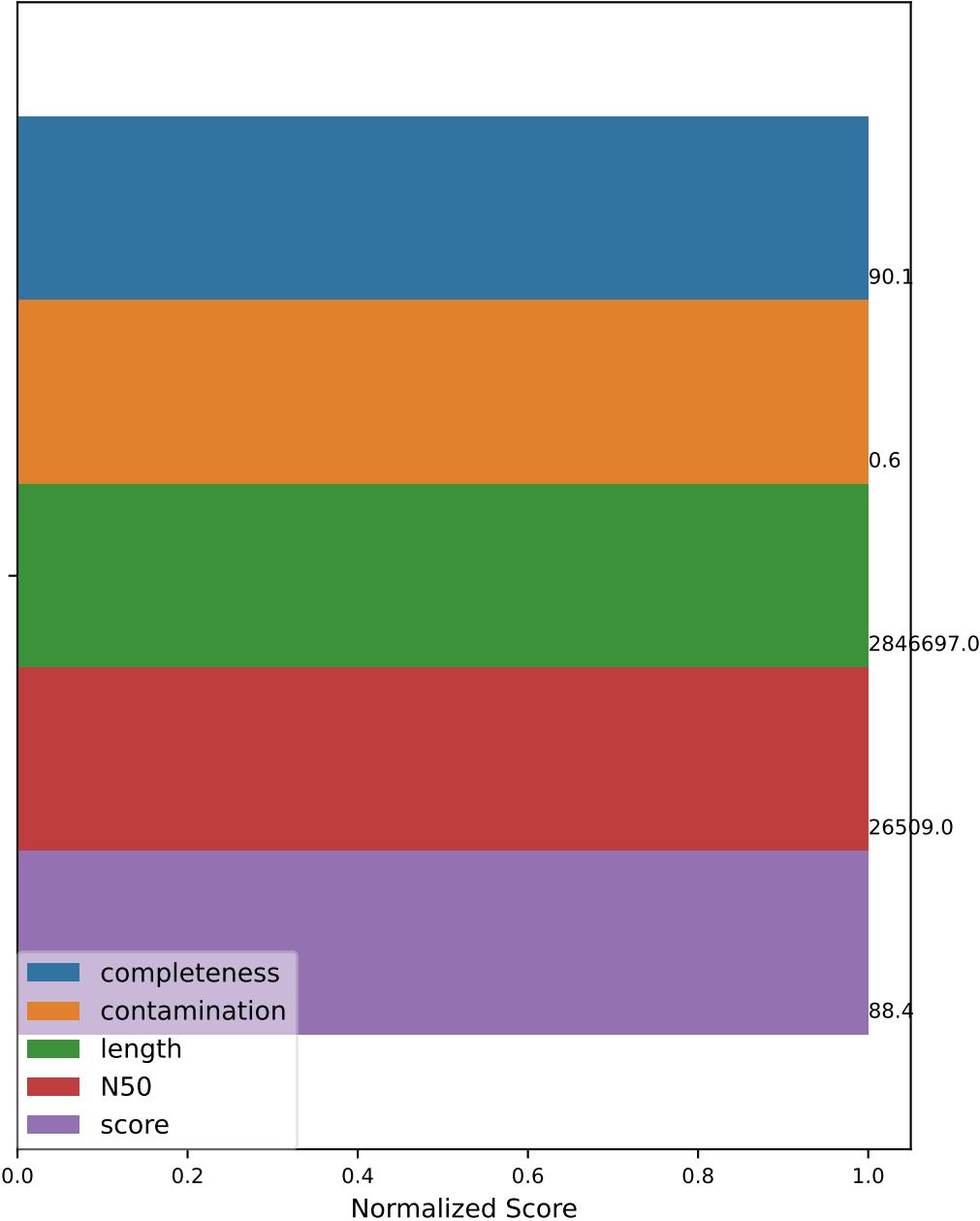
TOBG\_MED-636.fna \*



Scoring of cluster 507\_0

genome

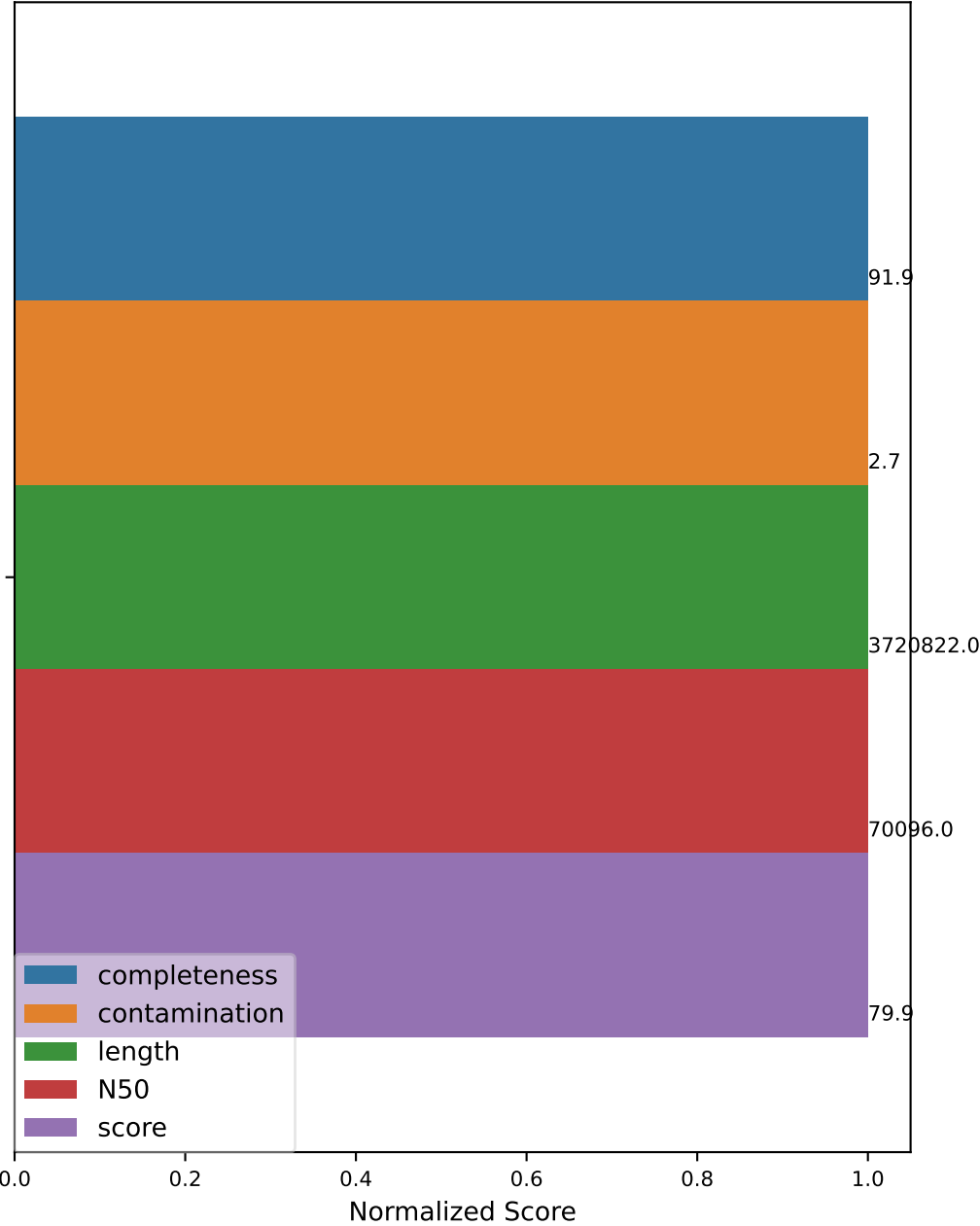
TOBG\_MED-695.fna \*



Scoring of cluster 508\_0

genome

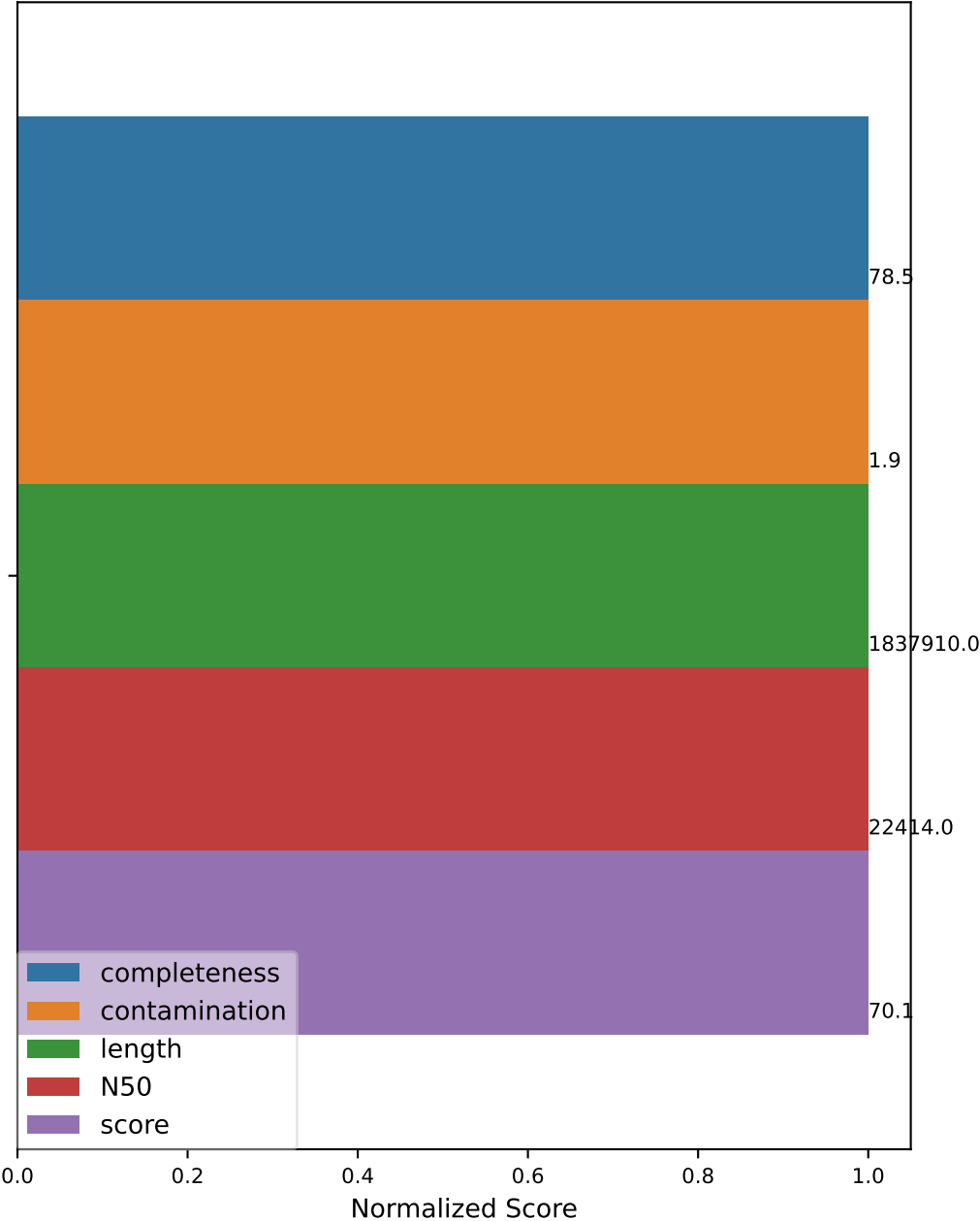
TOBG\_SP-23.fna \*



Scoring of cluster 509\_0

genome

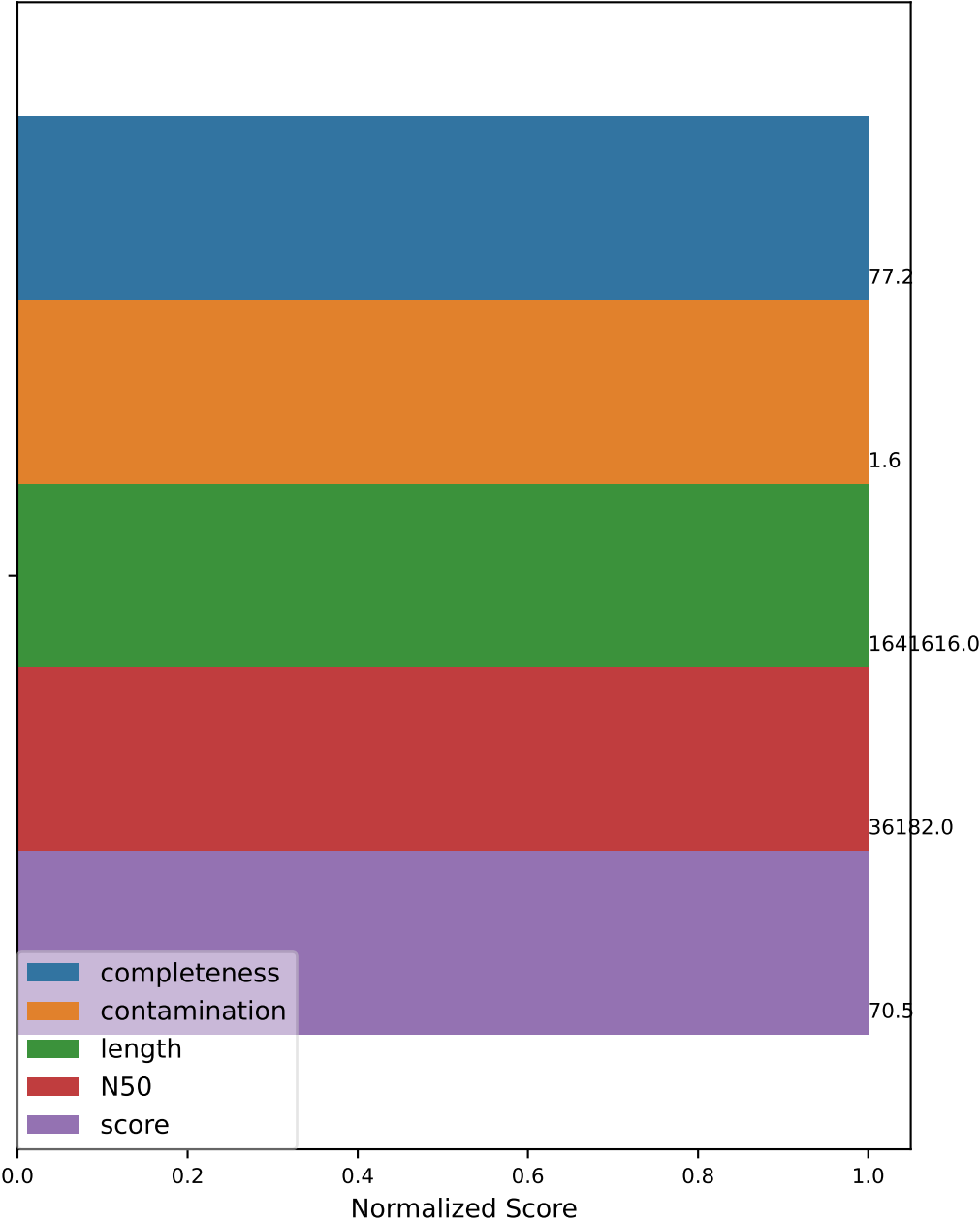
TOBG\_RS-348.fna \*



Scoring of cluster 510\_0

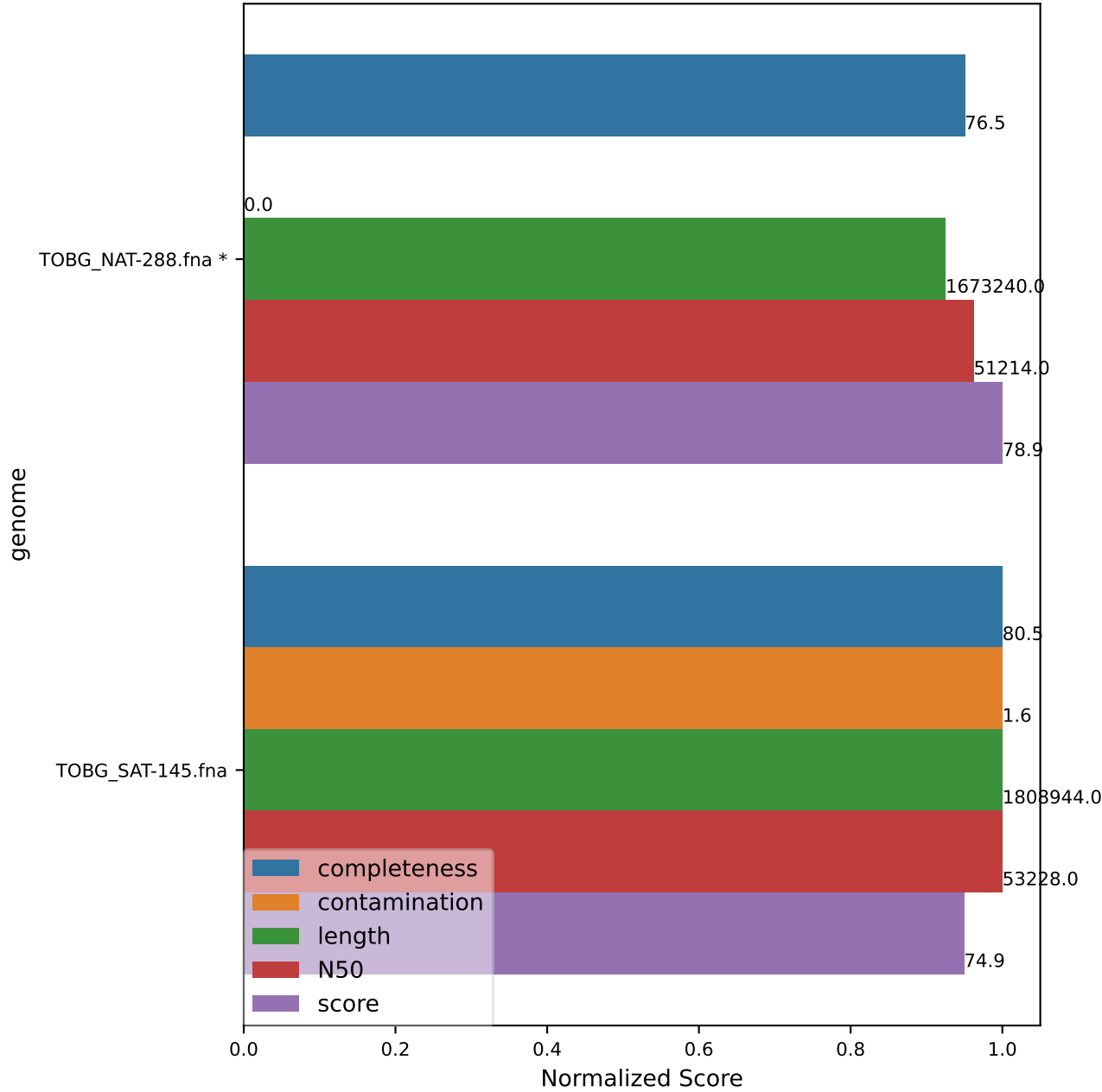
genome

TOBG\_SP-210.fna \*





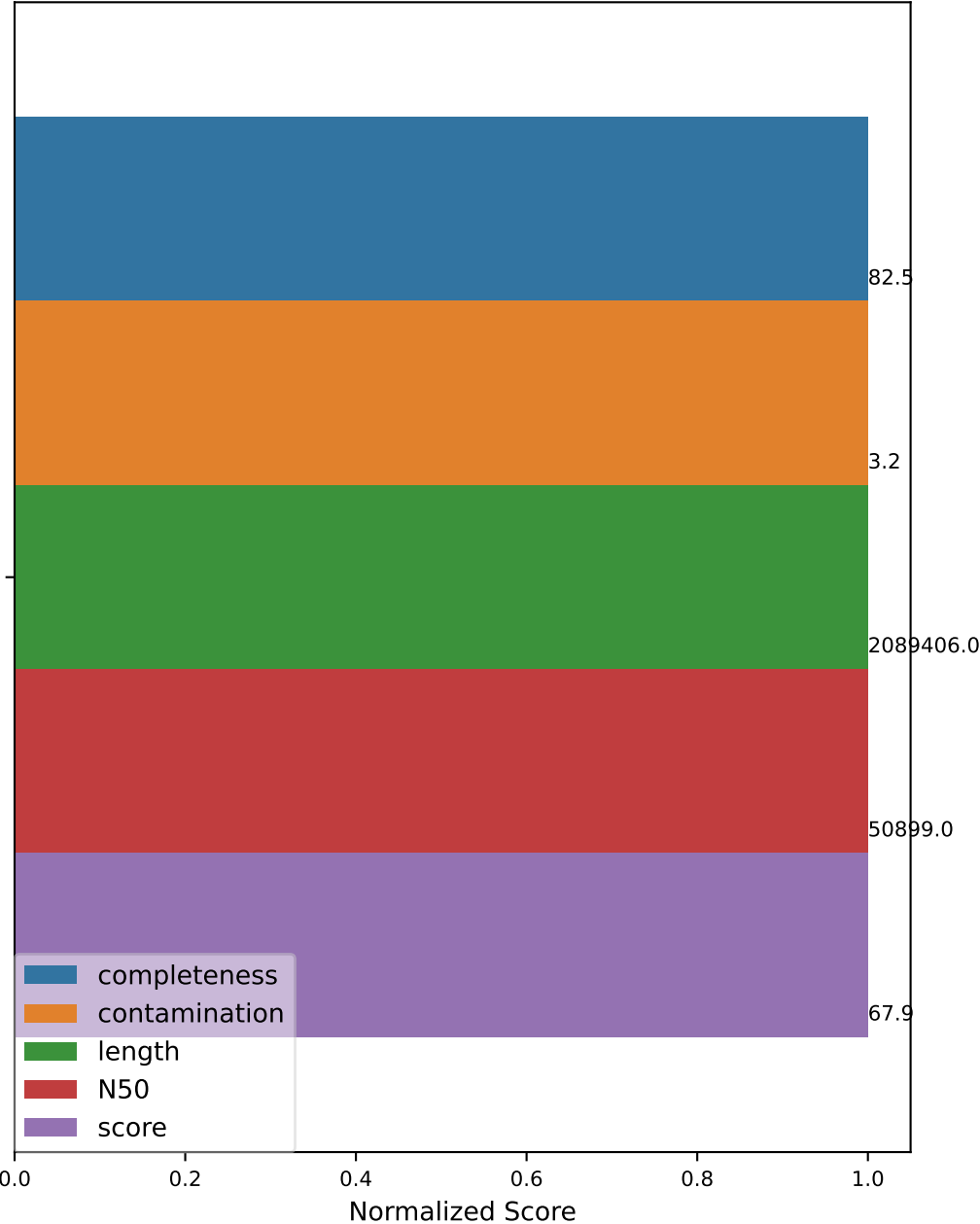
Scoring of cluster 511\_1



Scoring of cluster 512\_0

genome

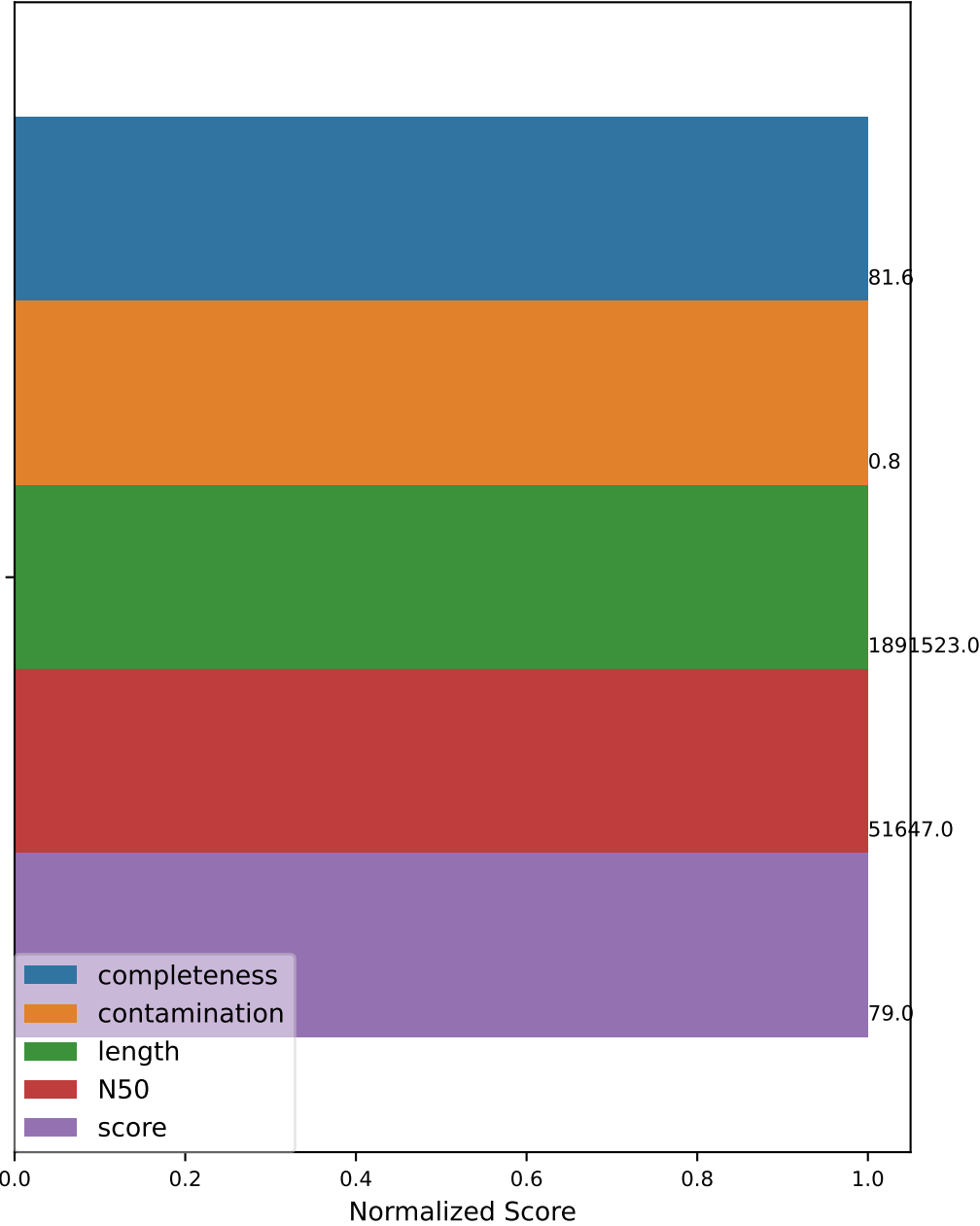
TOBG\_NAT-68.fna \*



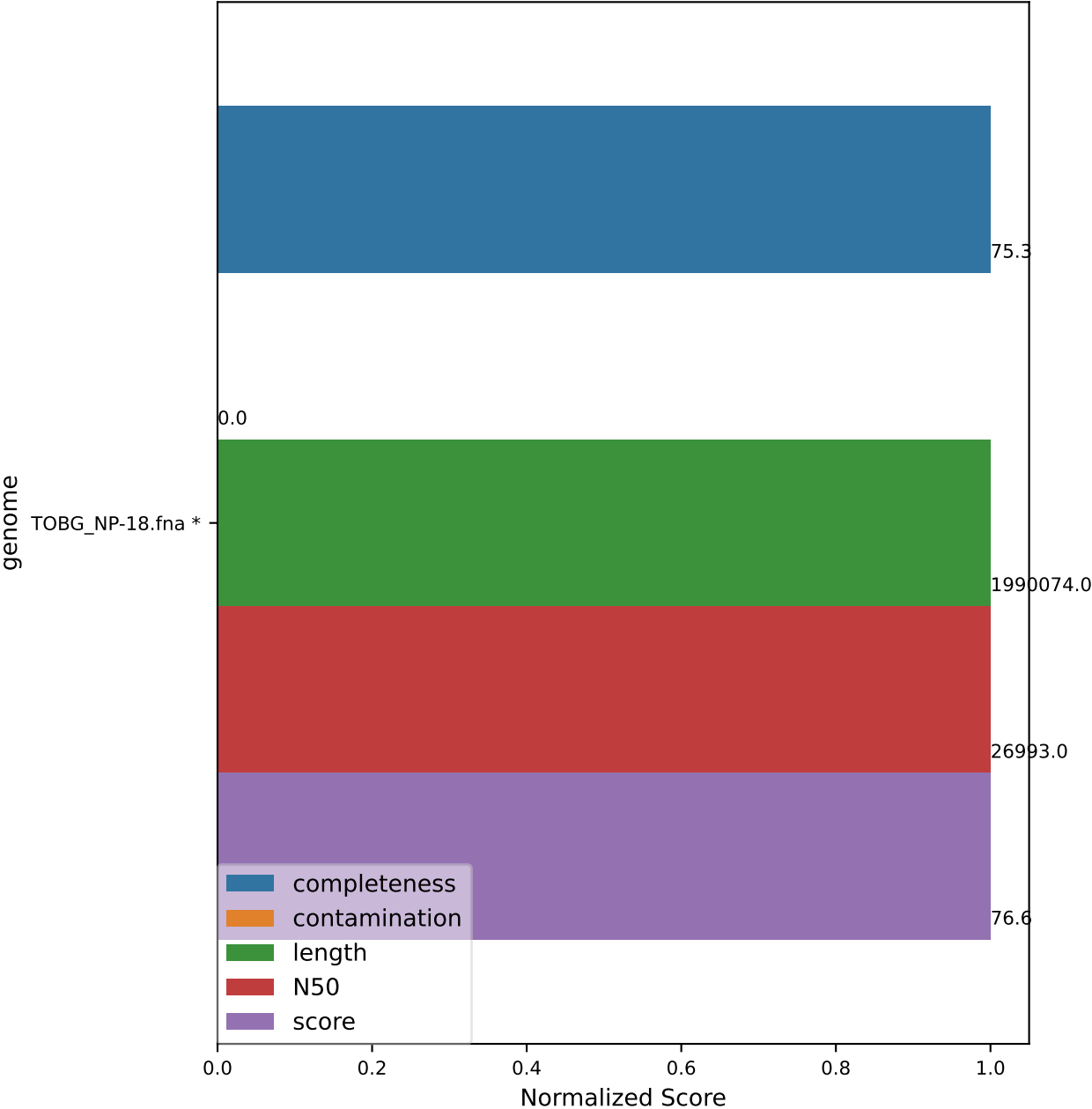
Scoring of cluster 513\_0

genome

TOBG\_SAT-95.fna \*



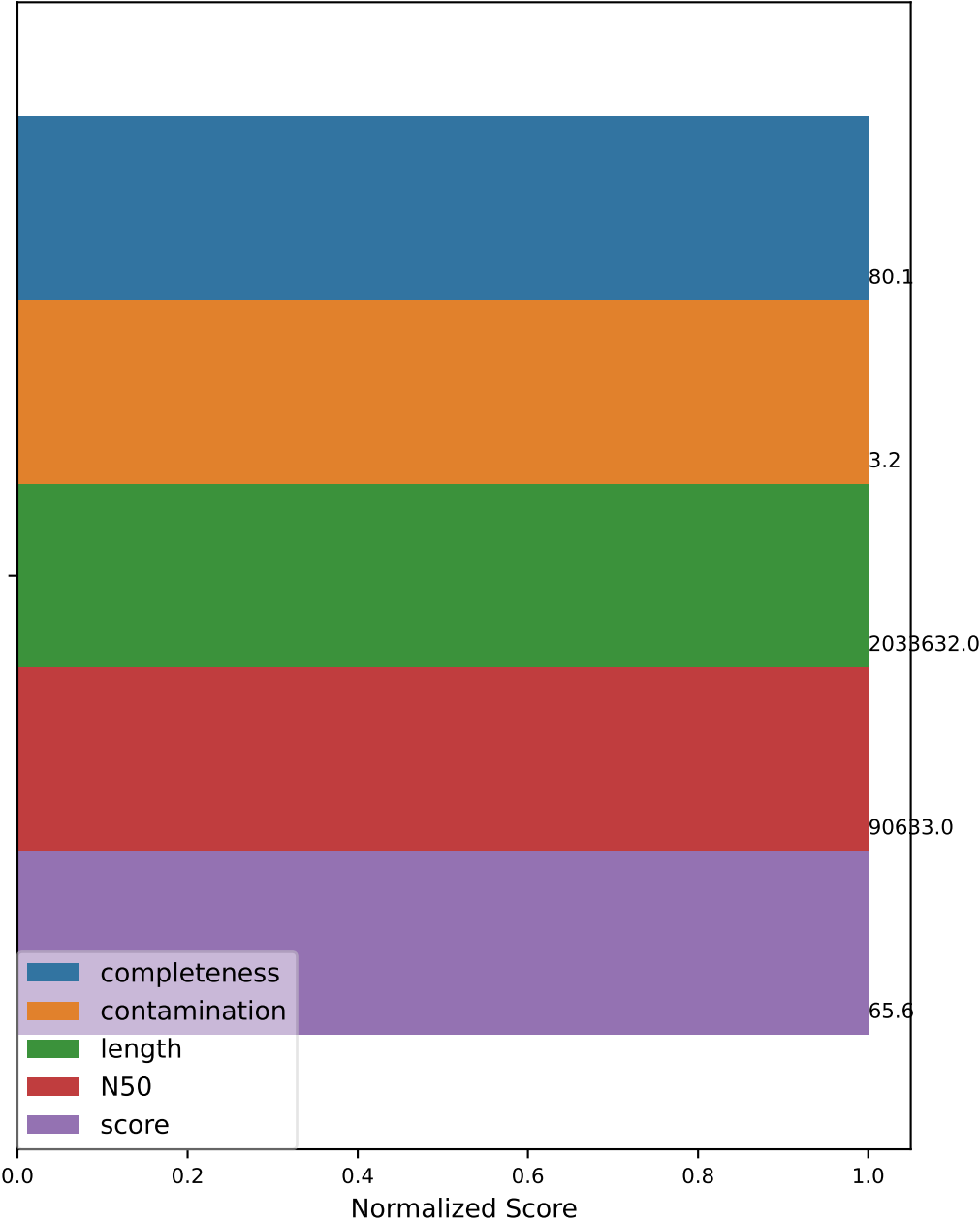
Scoring of cluster 514\_0



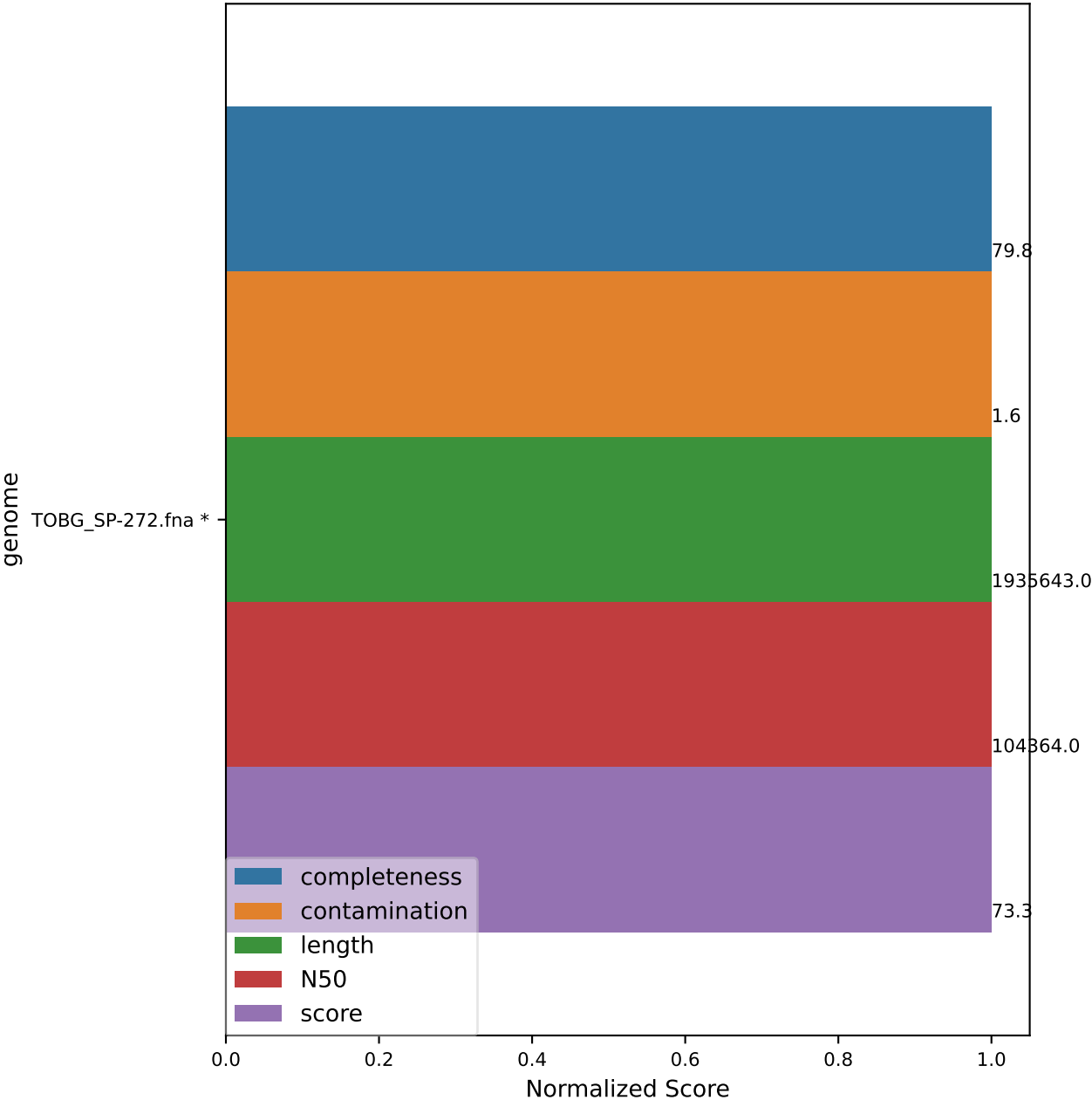
Scoring of cluster 515\_0

genome

TOBG\_MED-777.fna \*



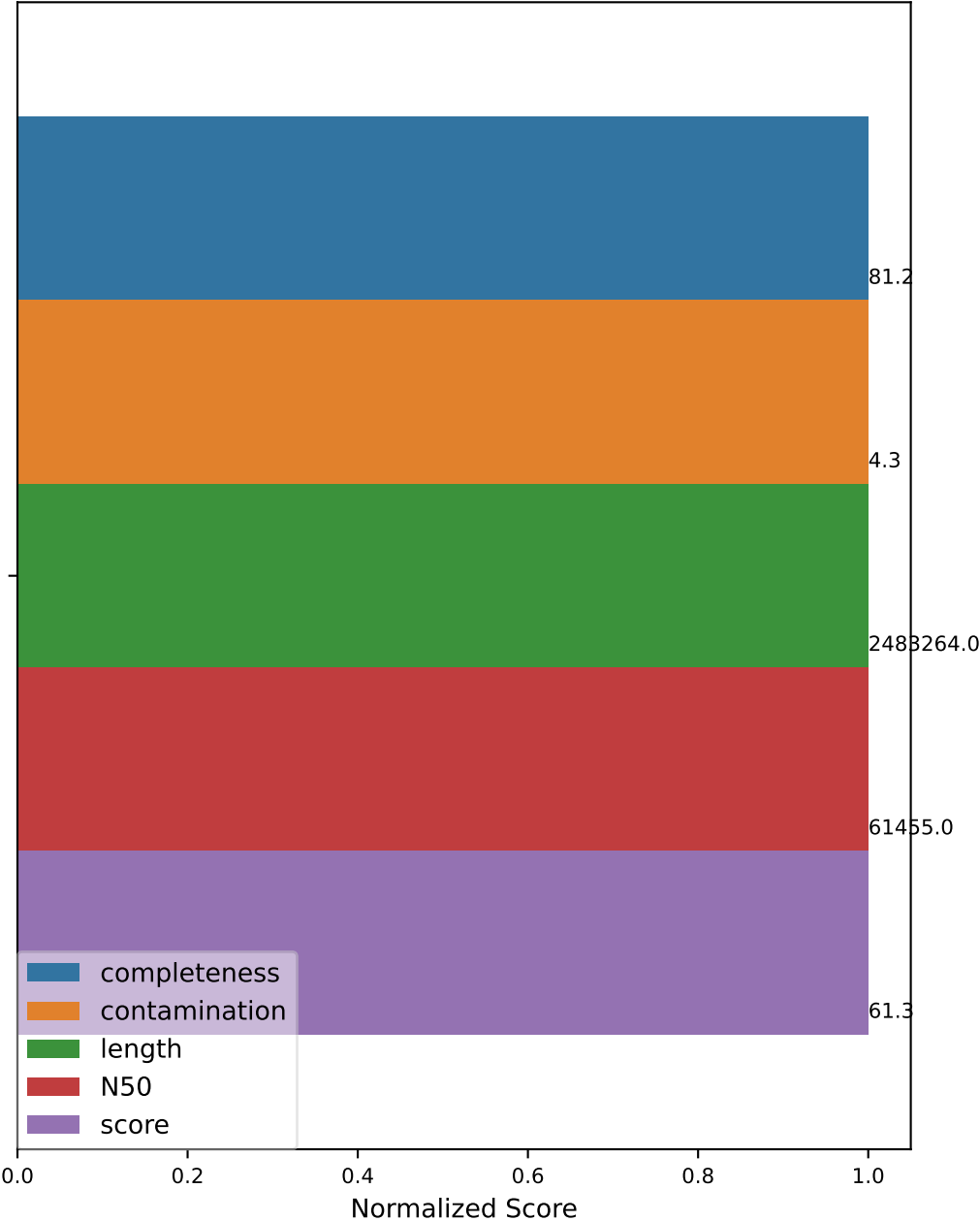
Scoring of cluster 516\_0



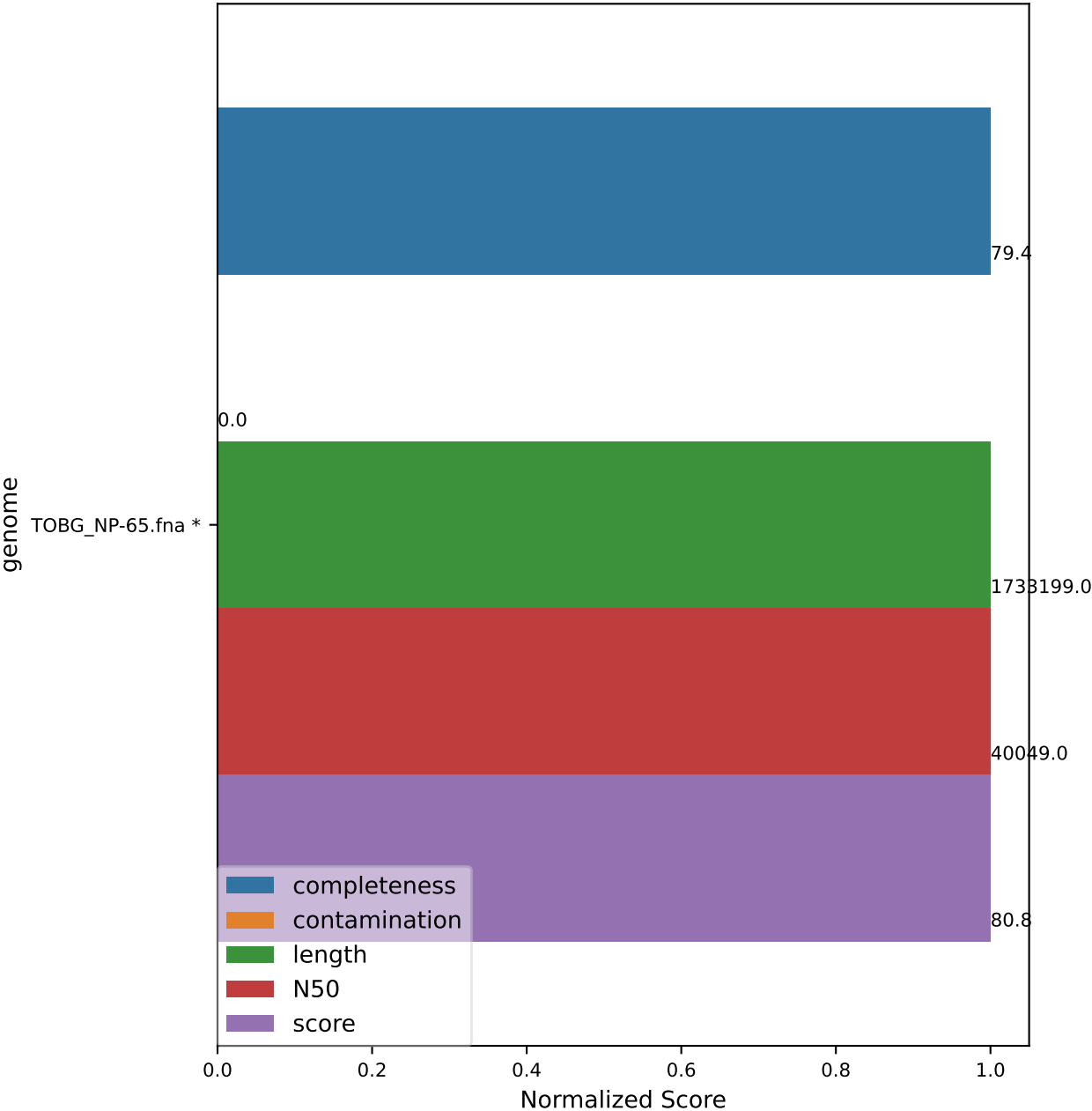
Scoring of cluster 517\_0

genome

TOBG\_SAT-157.fna \*



Scoring of cluster 518\_0

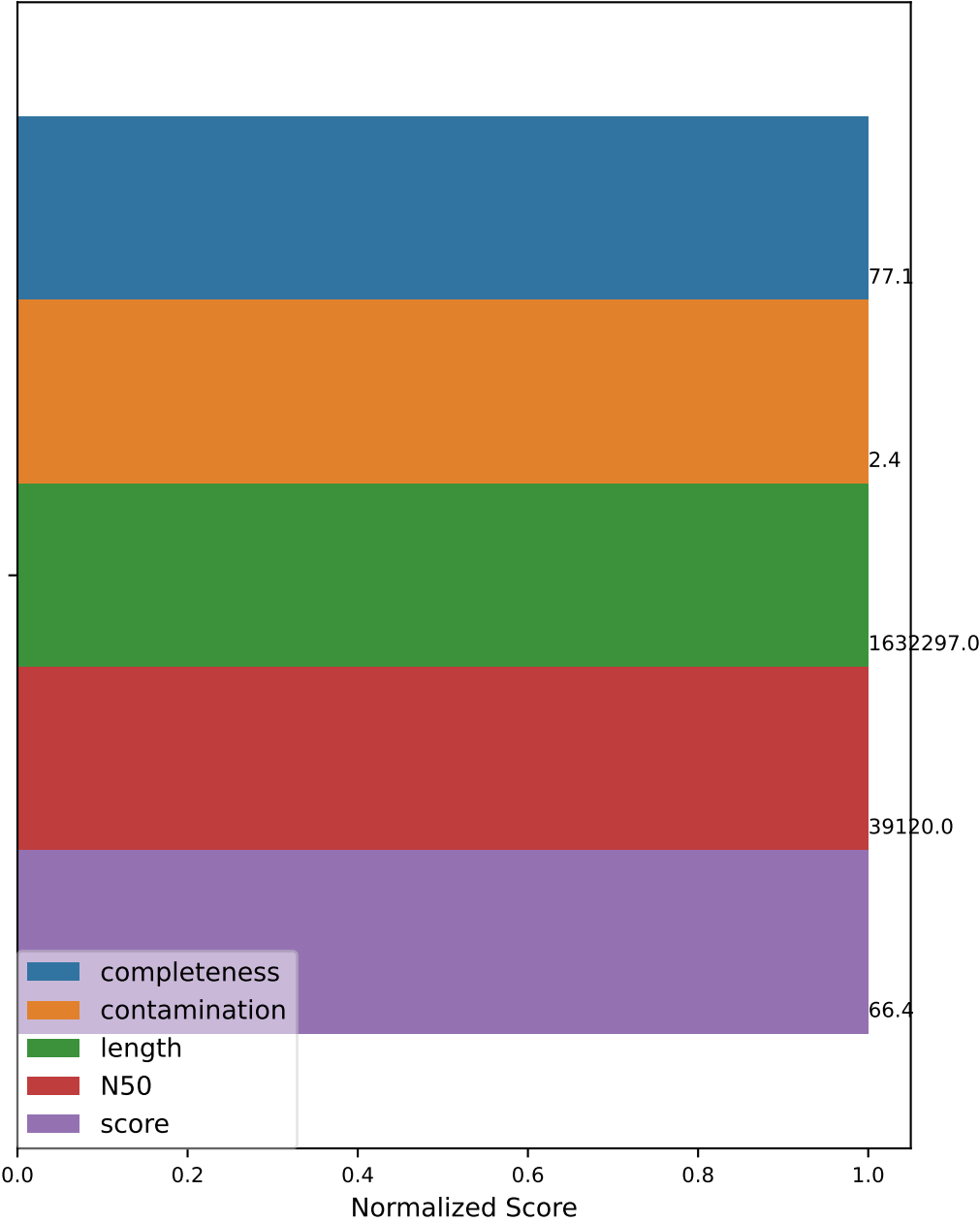




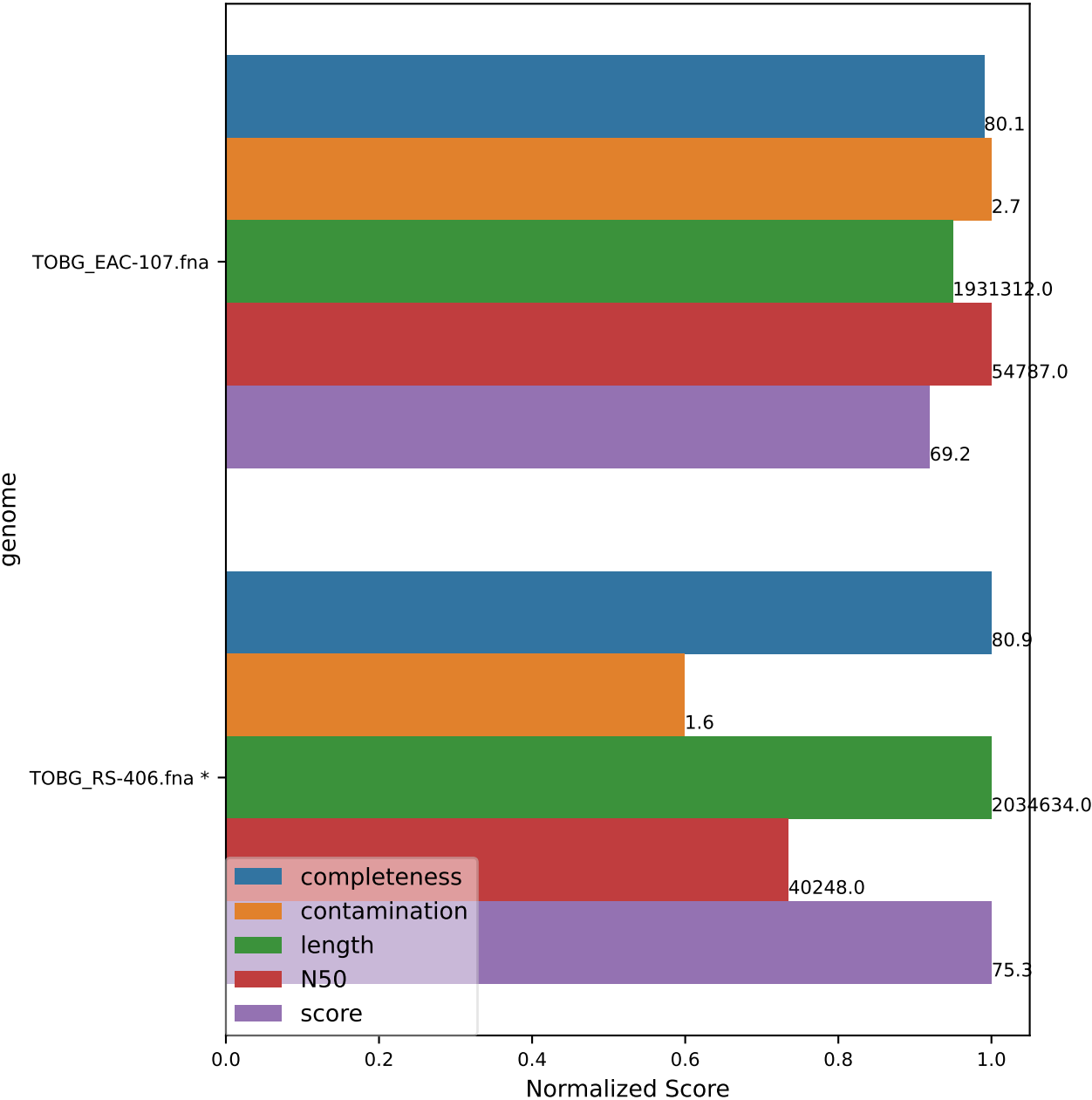
Scoring of cluster 519\_0

genome

TOBG\_SAT-1329.fna \*



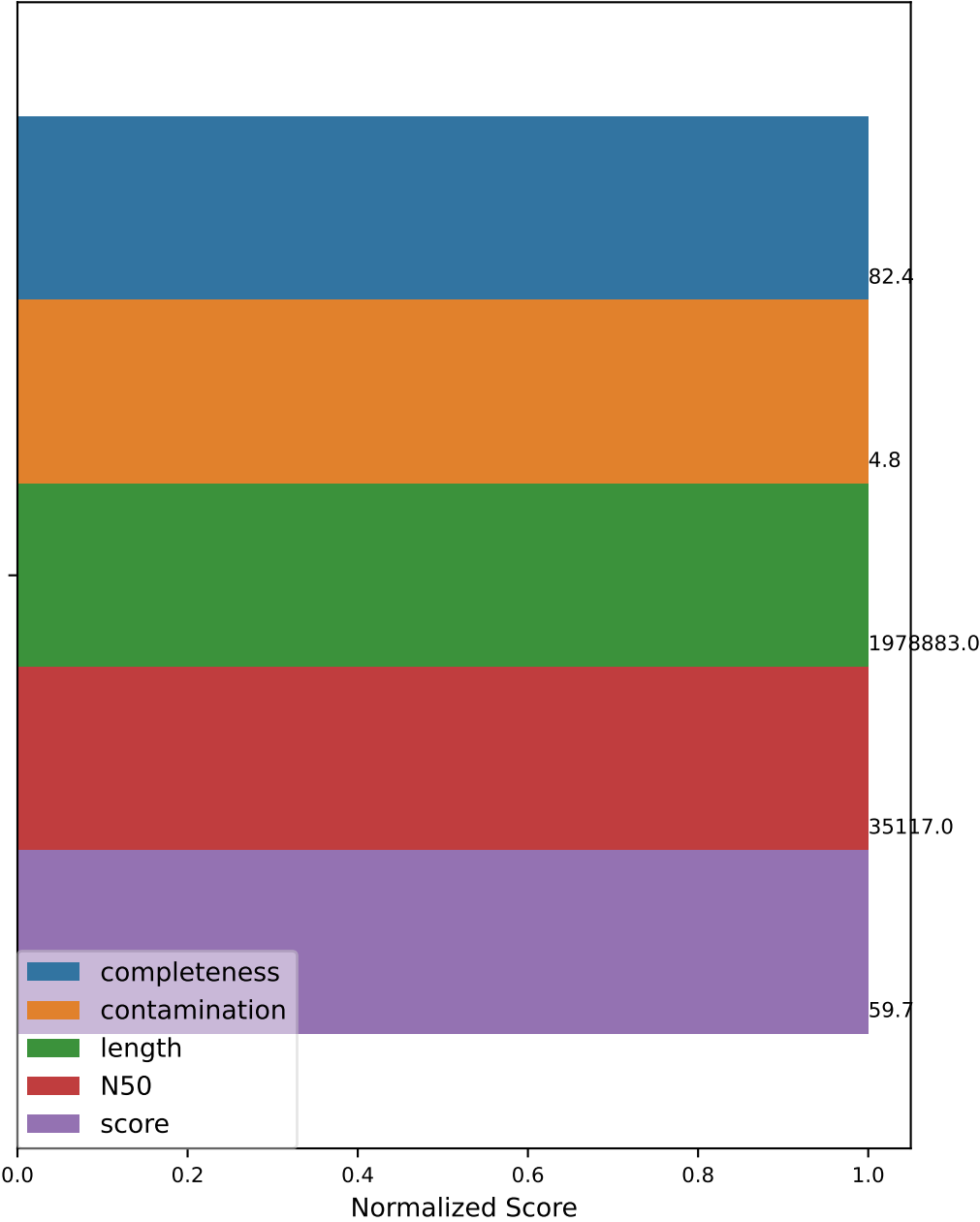
Scoring of cluster 520\_1



Scoring of cluster 521\_0

genome

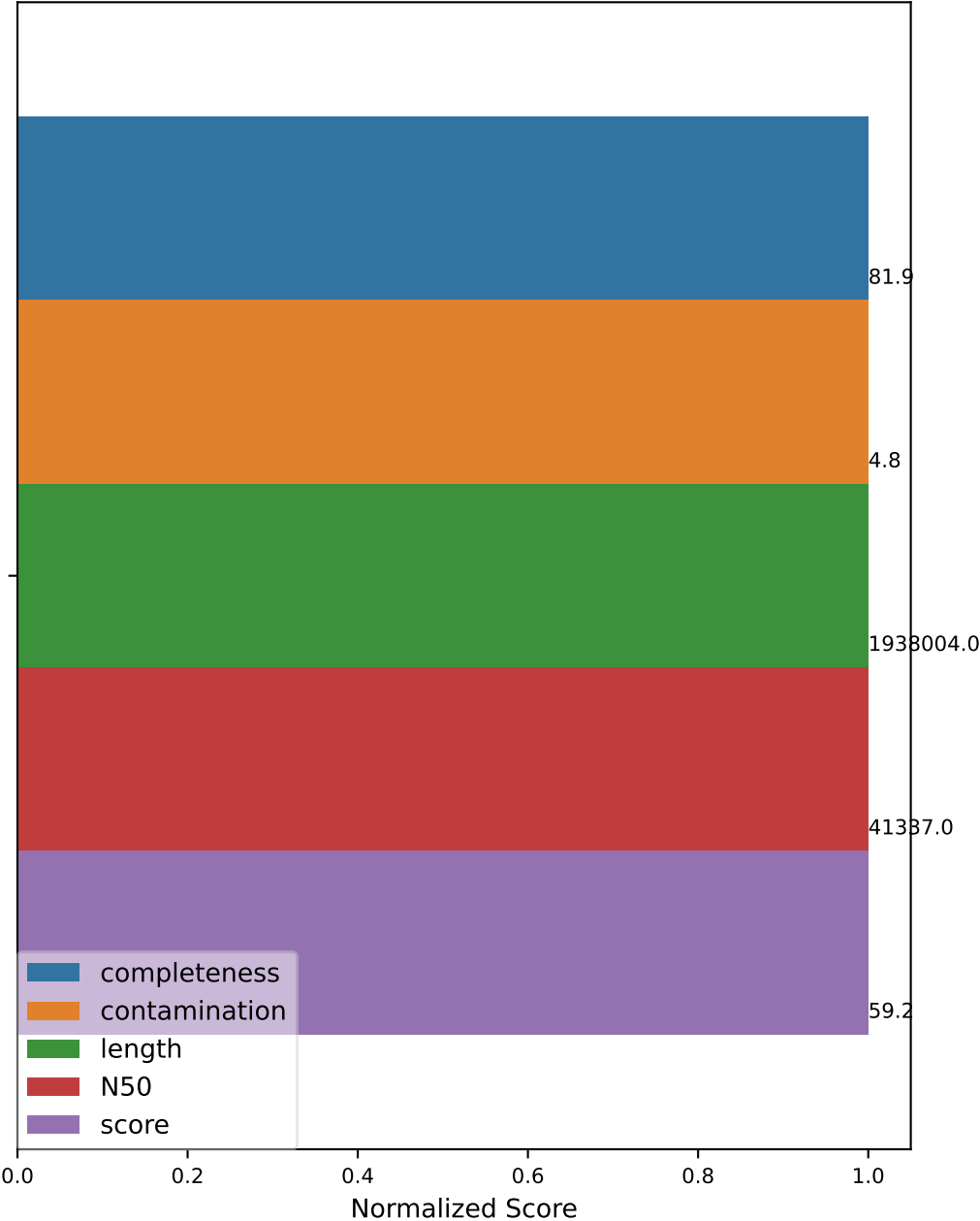
TOBG\_NAT-154.fna \*



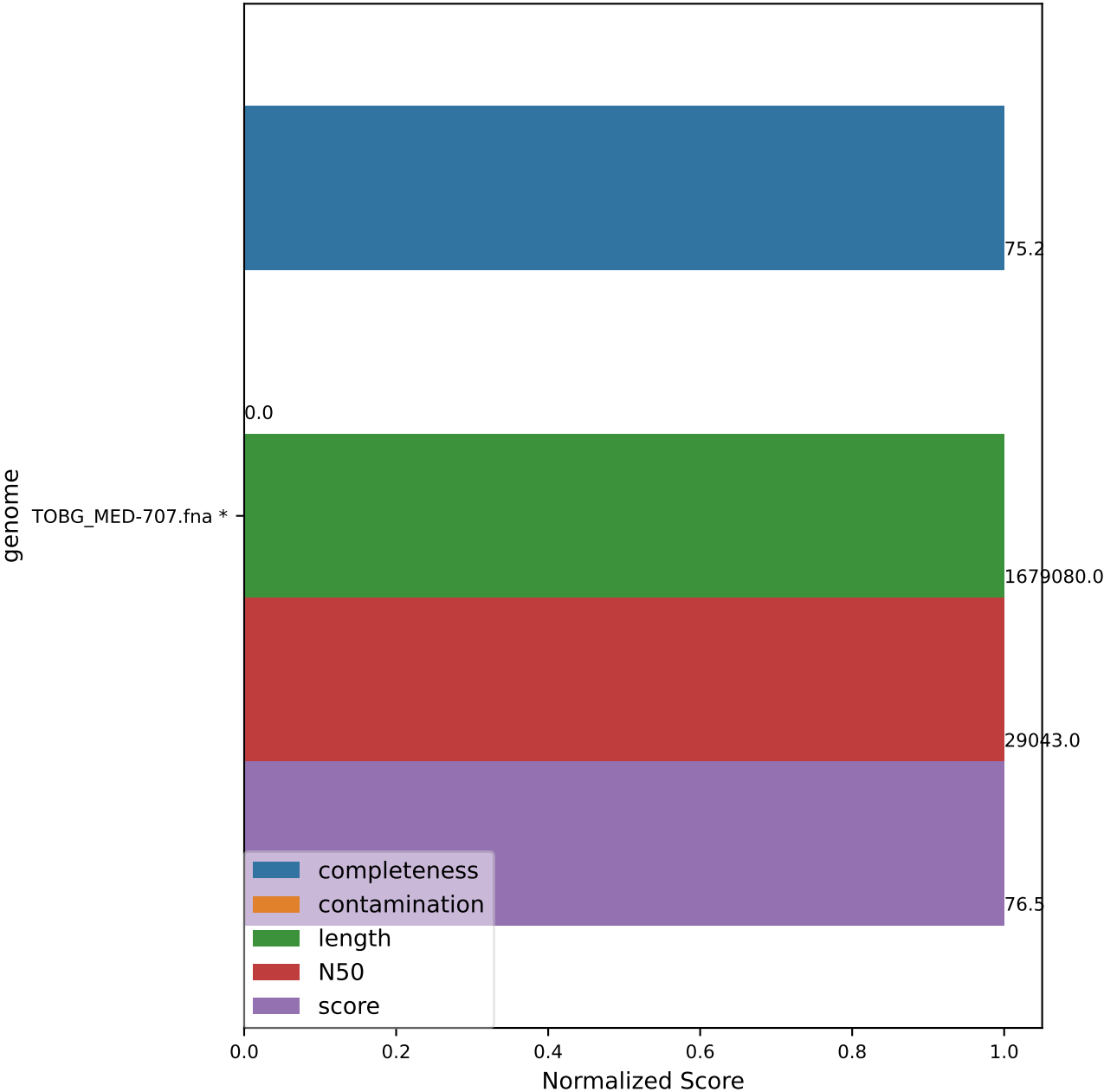
Scoring of cluster 522\_0

genome

TOBG\_MED-899.fna \*



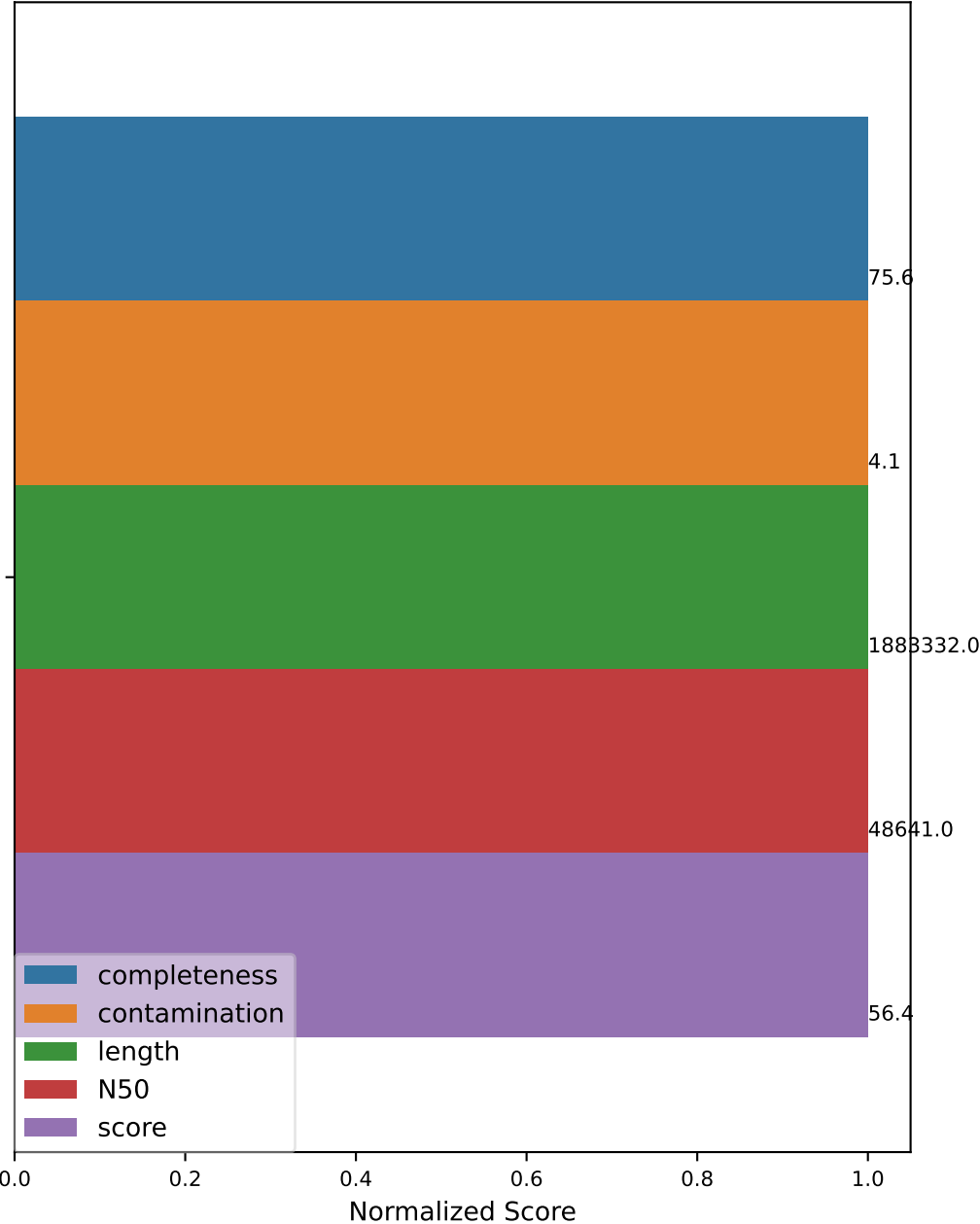
Scoring of cluster 523\_0



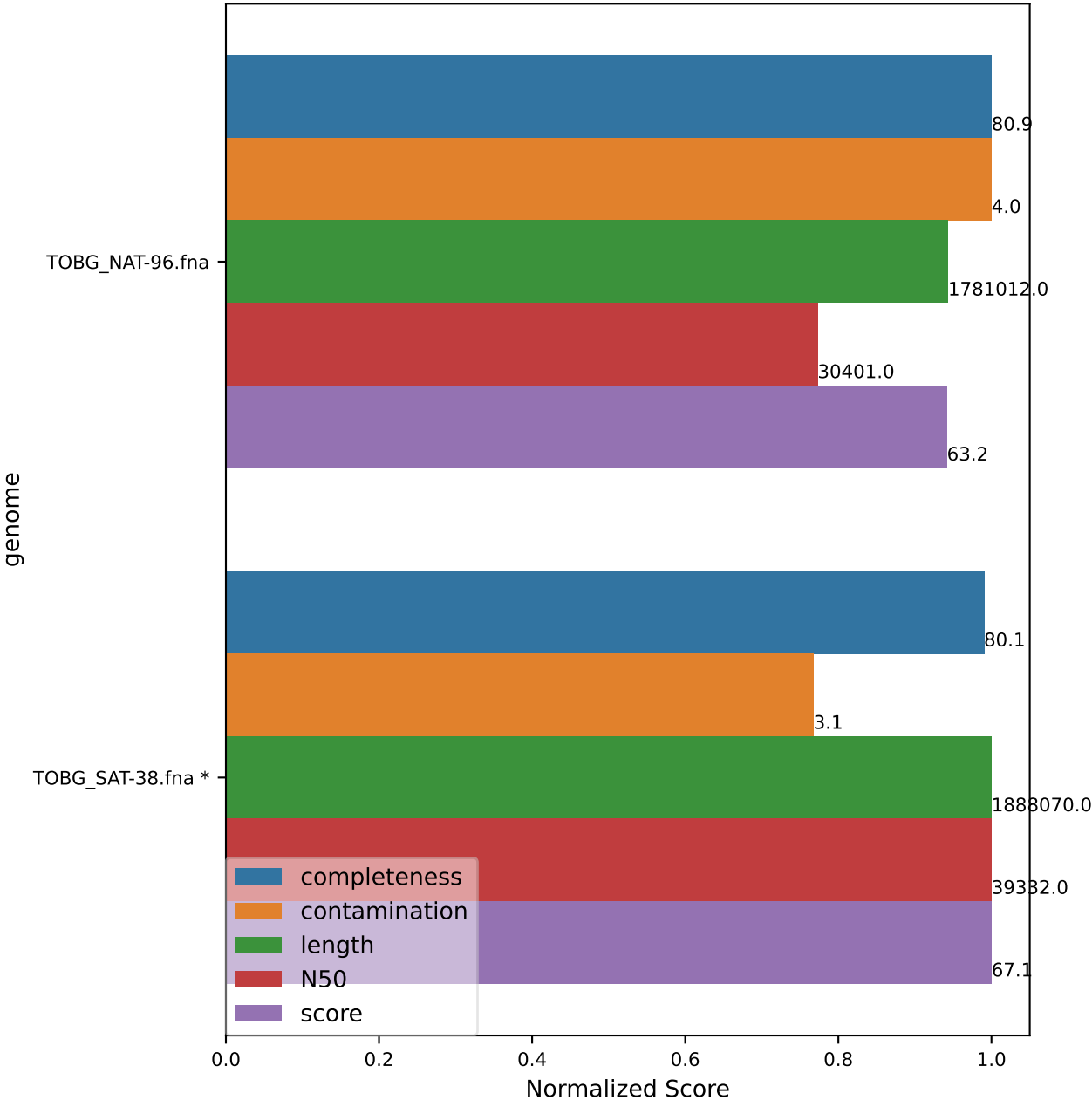
Scoring of cluster 524\_0

genome

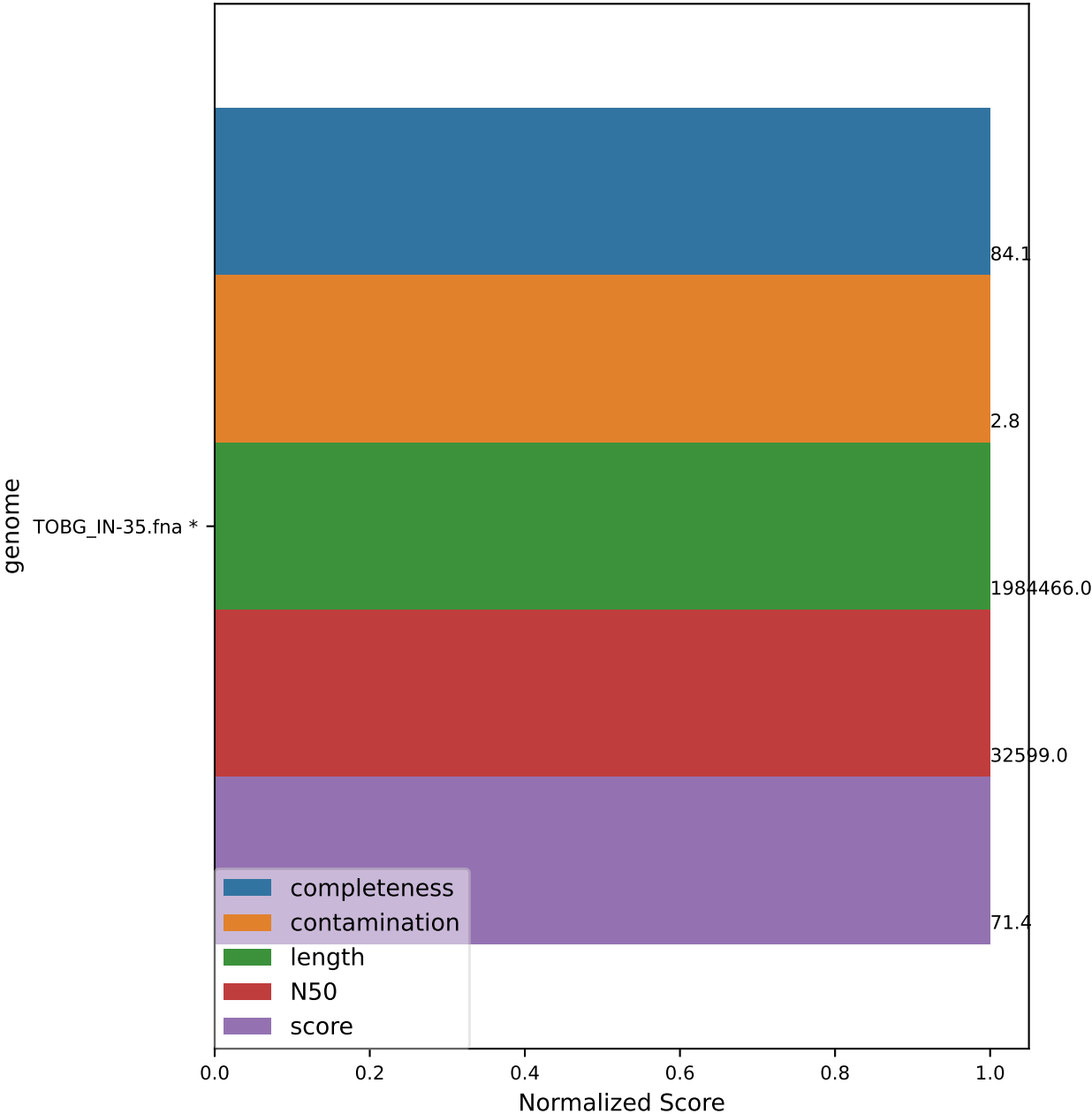
TOBG\_RS-604.fna \*



Scoring of cluster 525\_1

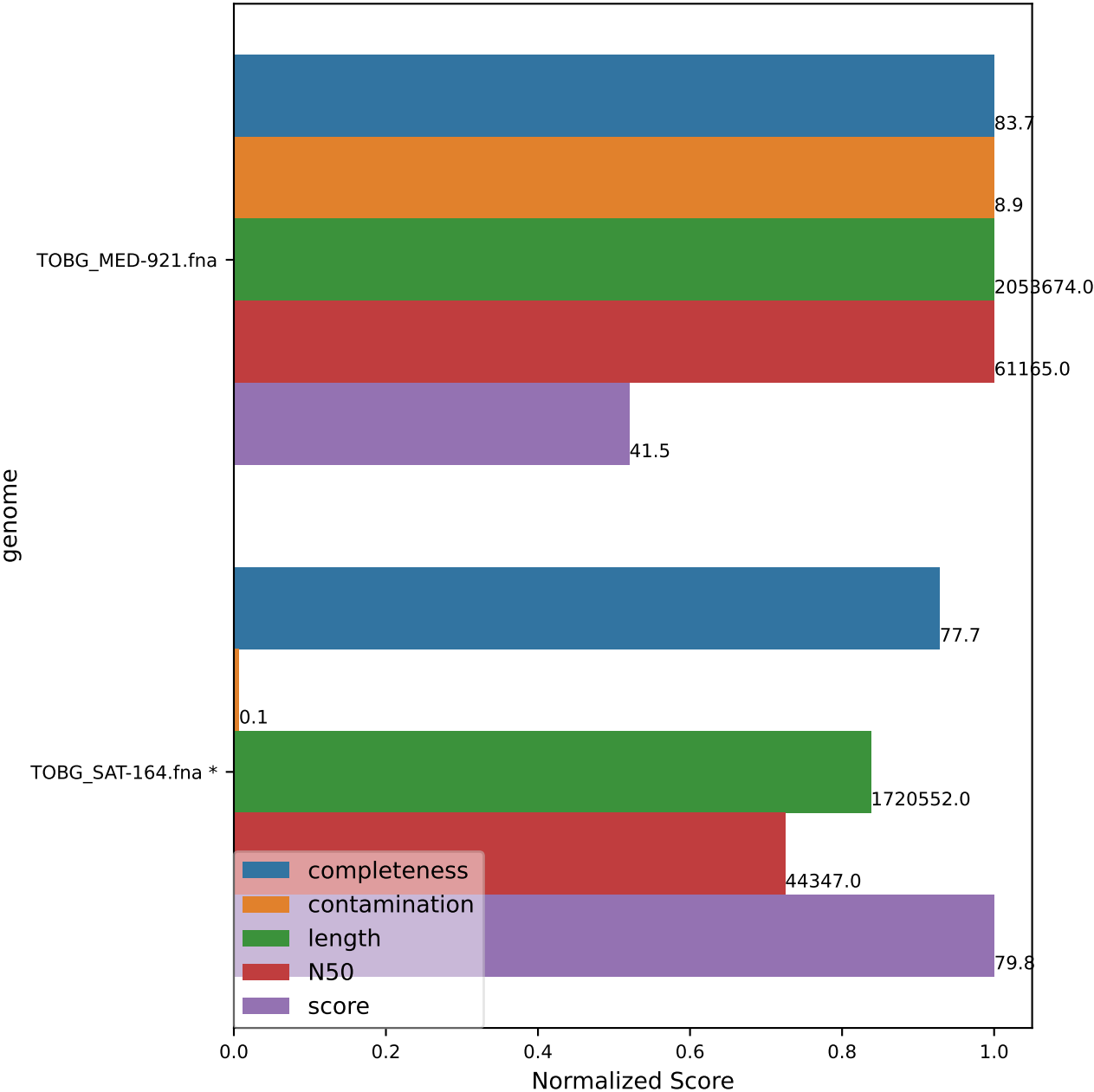


Scoring of cluster 526\_0





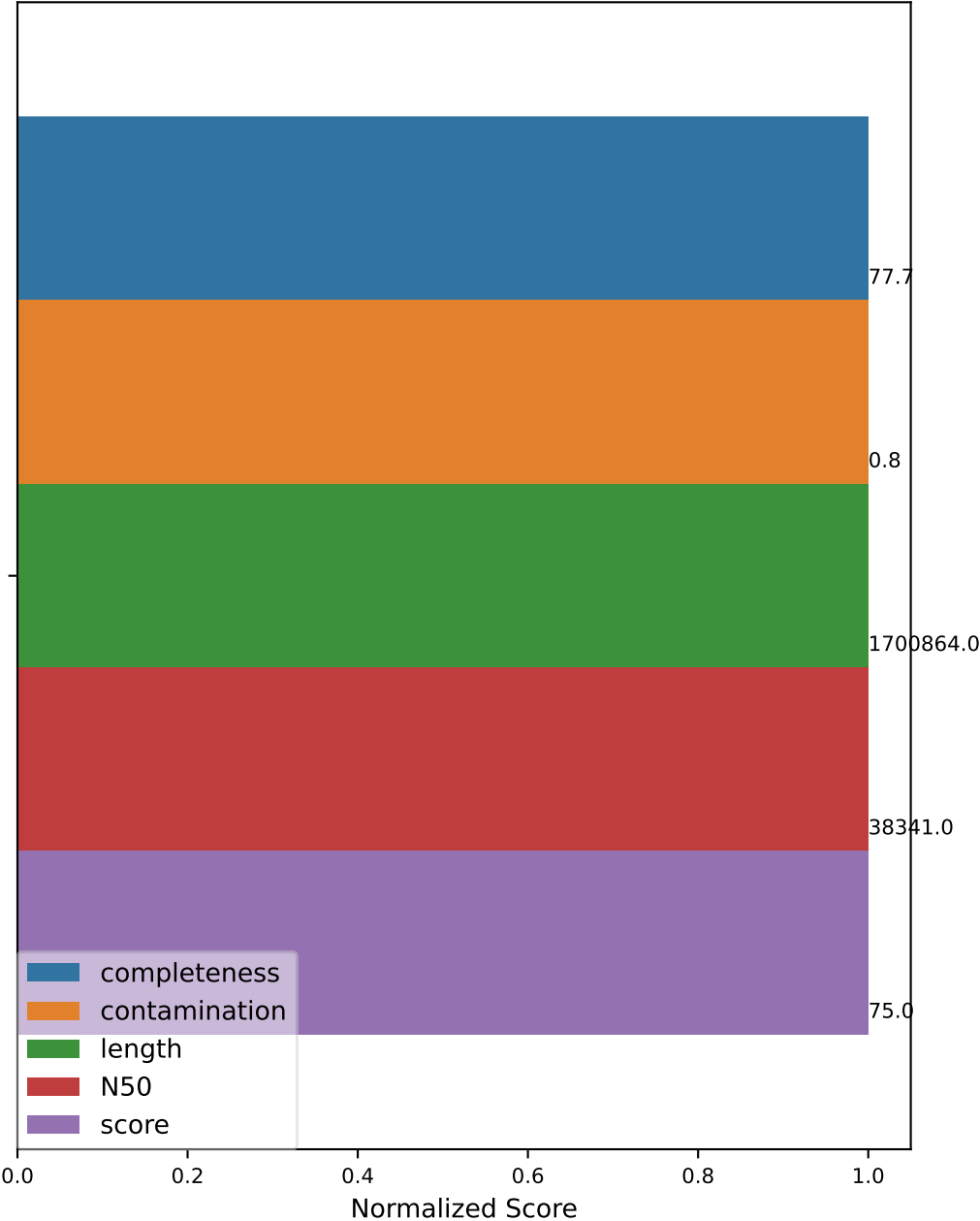
Scoring of cluster 527\_1



Scoring of cluster 528\_0

genome

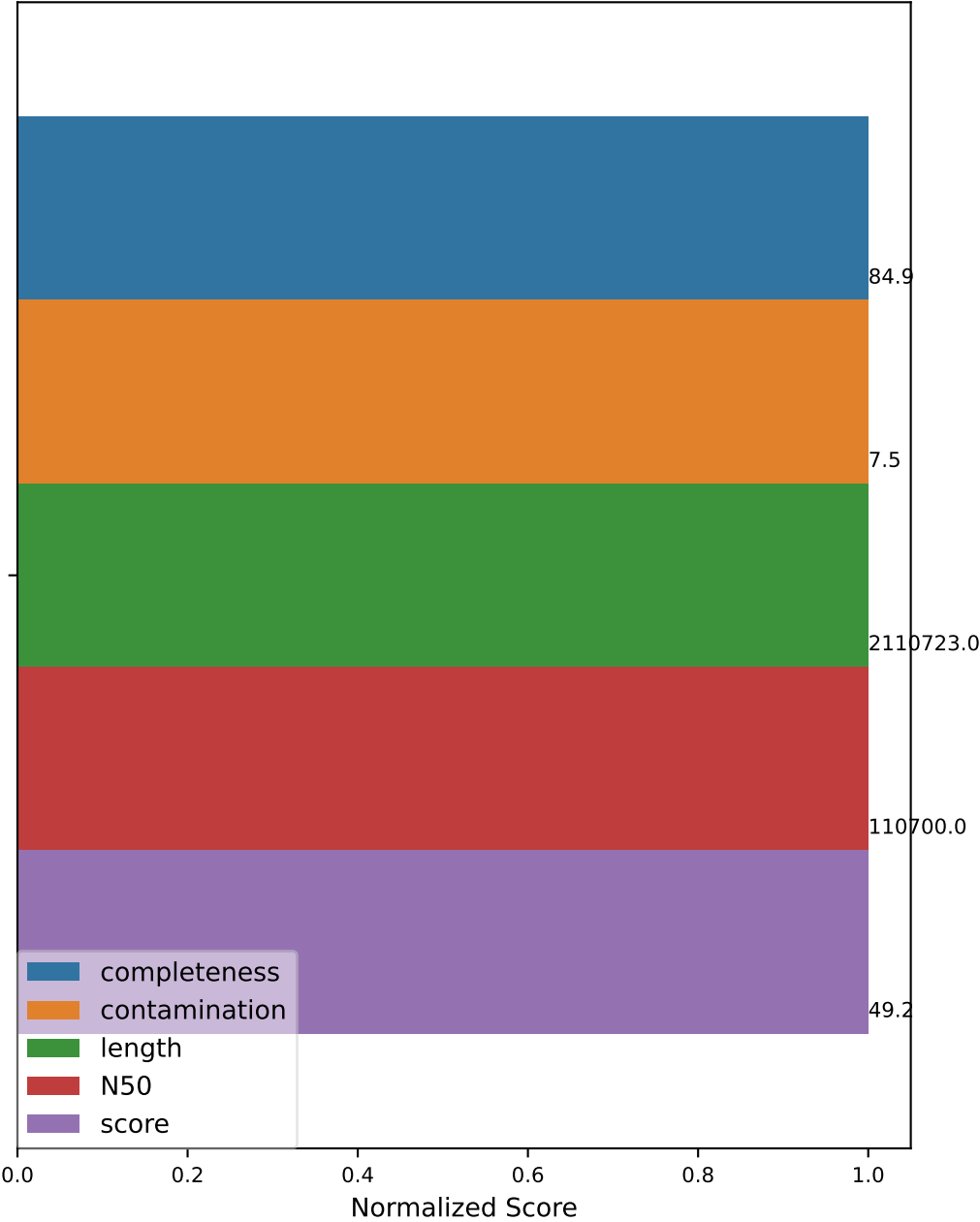
TOBG\_SAT-165.fna \*



Scoring of cluster 529\_0

genome

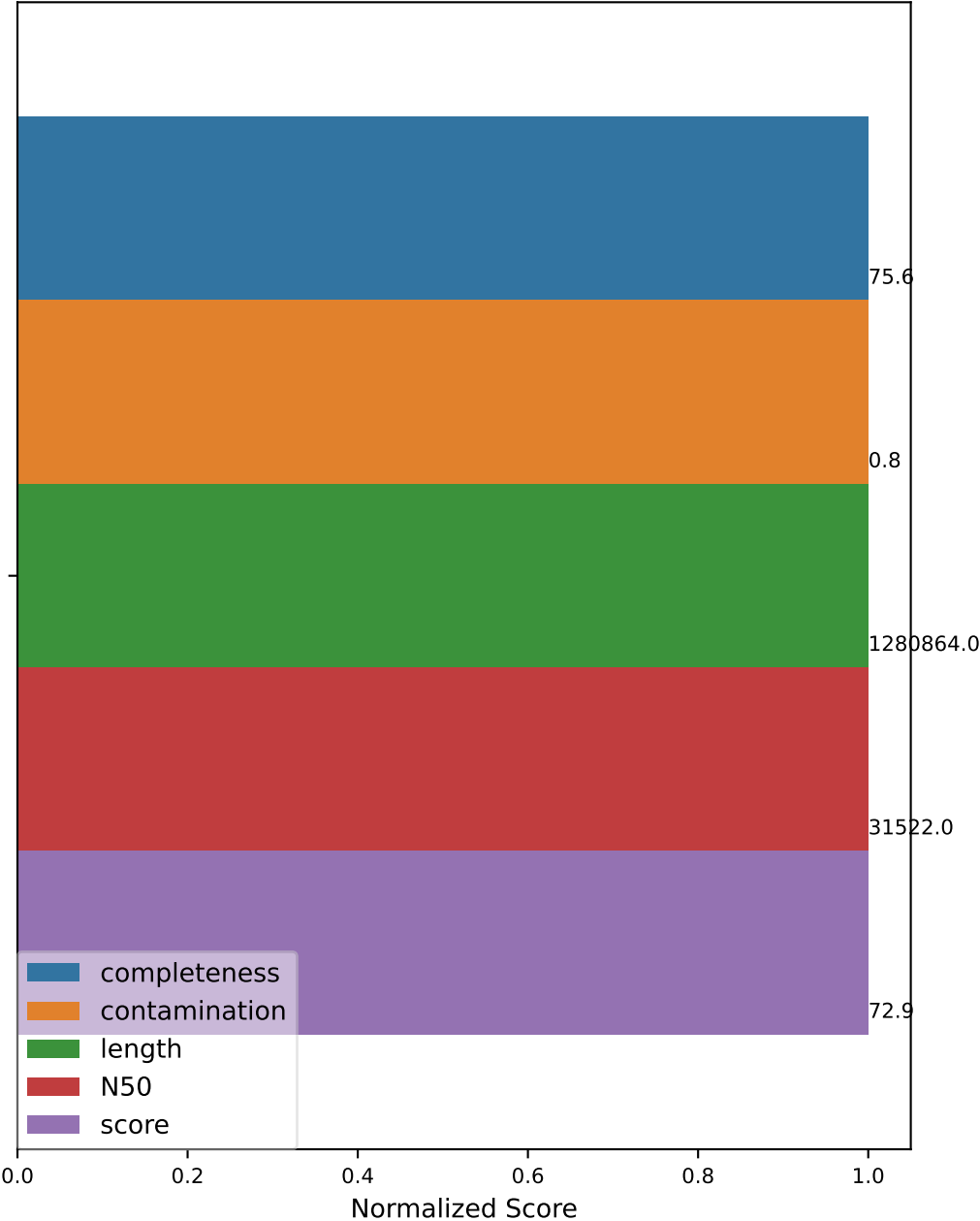
TOBG\_MED-1093.fna \*



Scoring of cluster 530\_0

genome

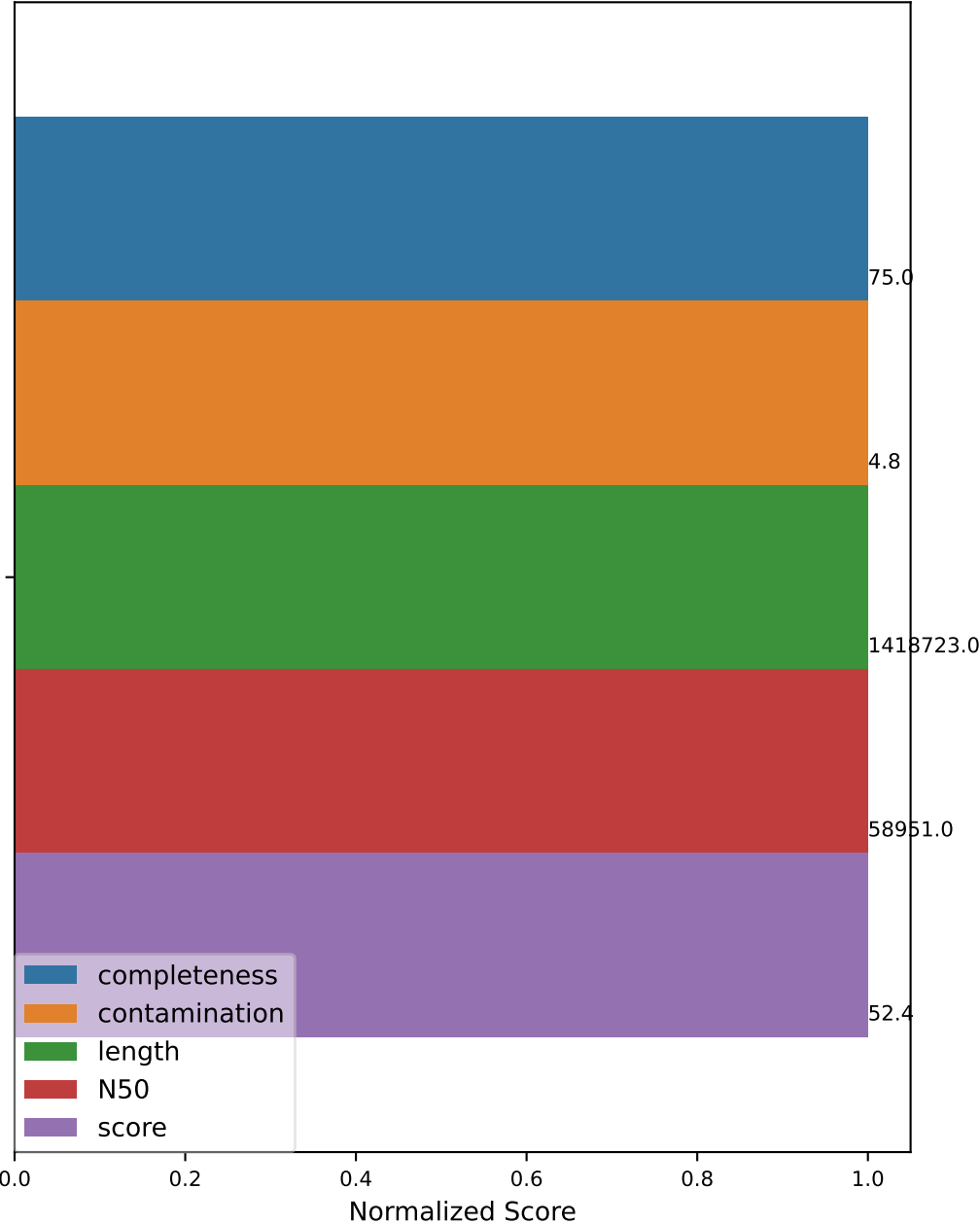
TOBG\_NP-1521.fna \*



Scoring of cluster 531\_0

genome

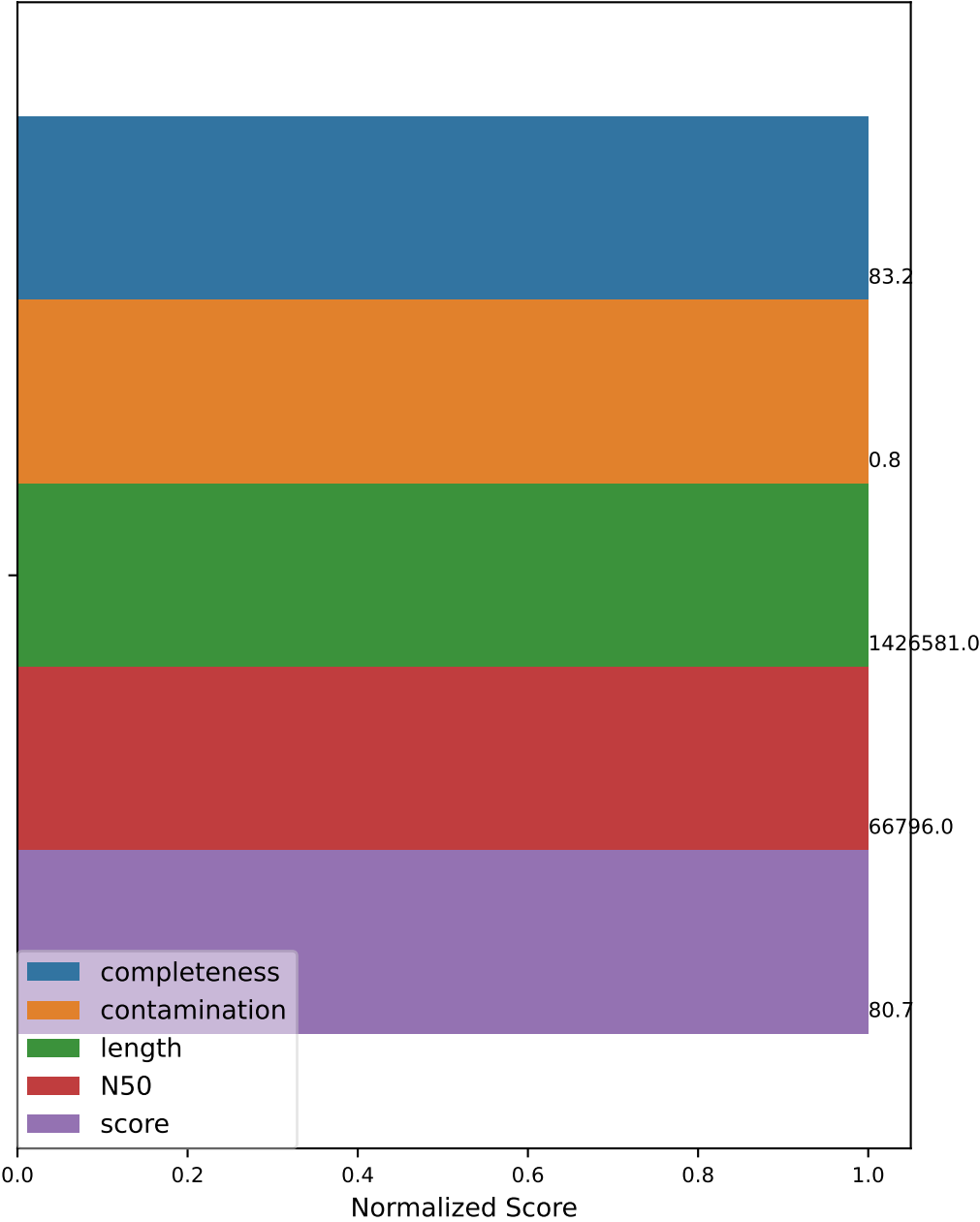
TOBG\_NP-965.fna \*



Scoring of cluster 532\_0

genome

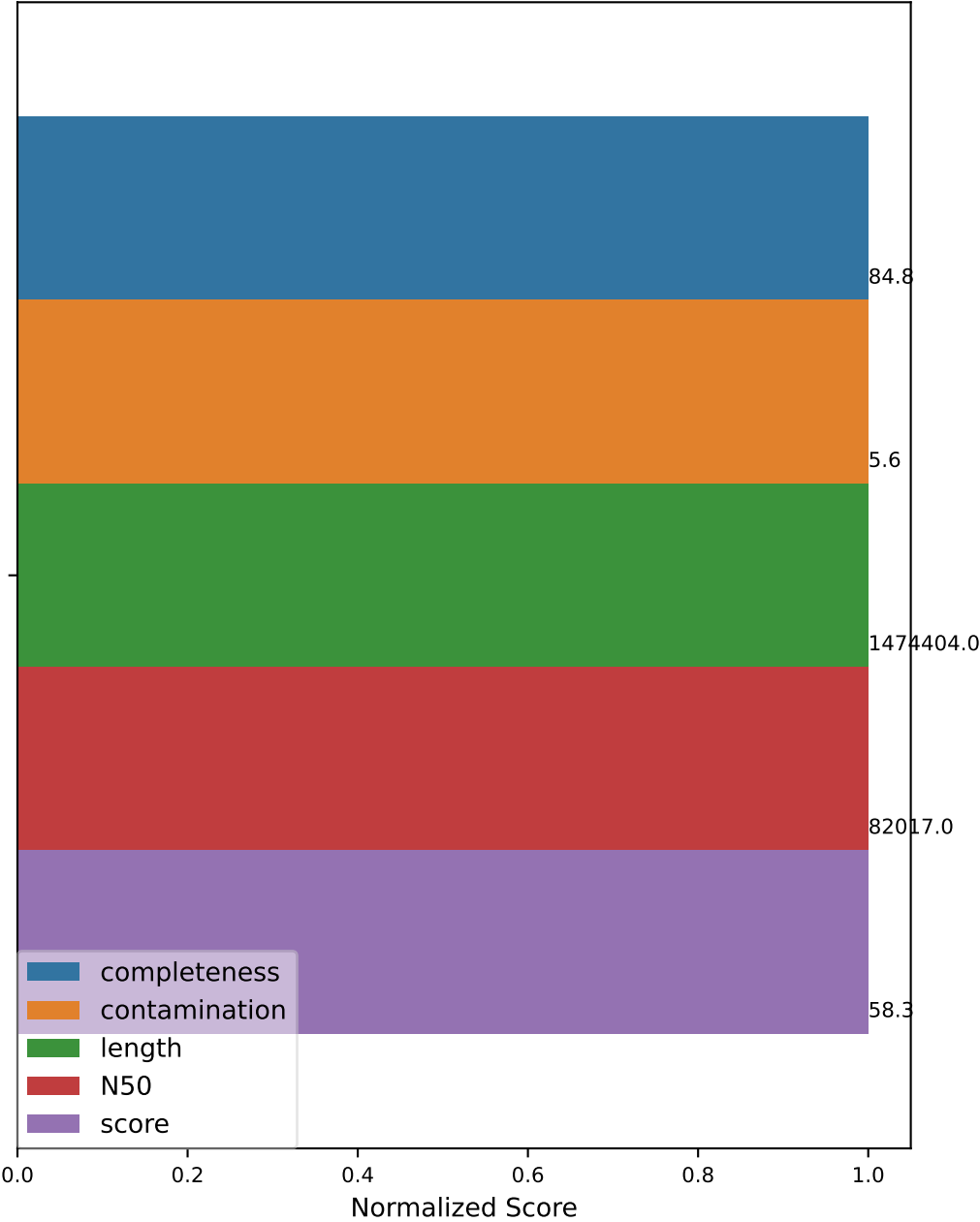
TOBG\_NAT-139.fna \*



Scoring of cluster 533\_0

genome

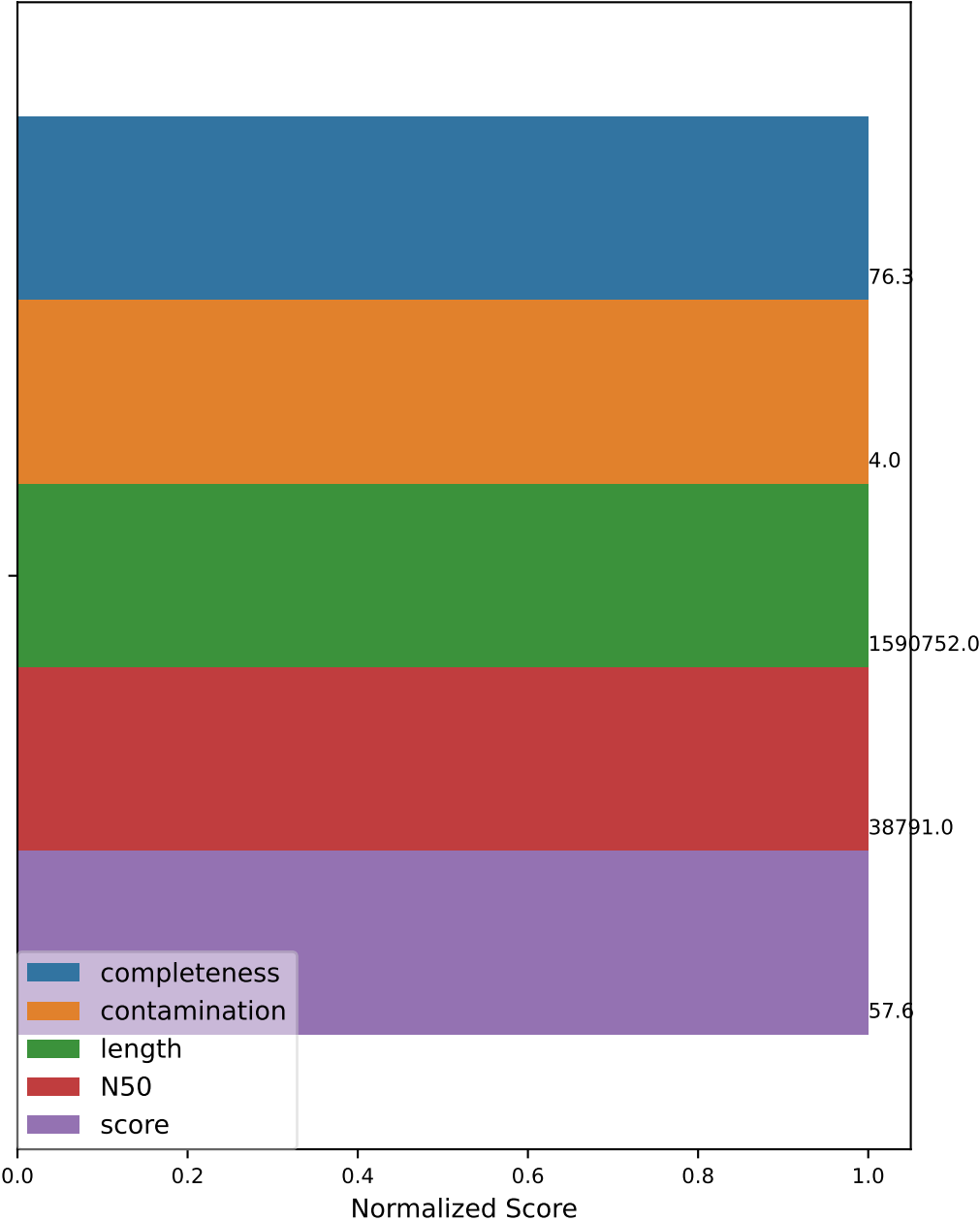
TOBG\_SP-3063.fna \*



Scoring of cluster 534\_1

genome

TOBG\_SAT-1553.fna \*

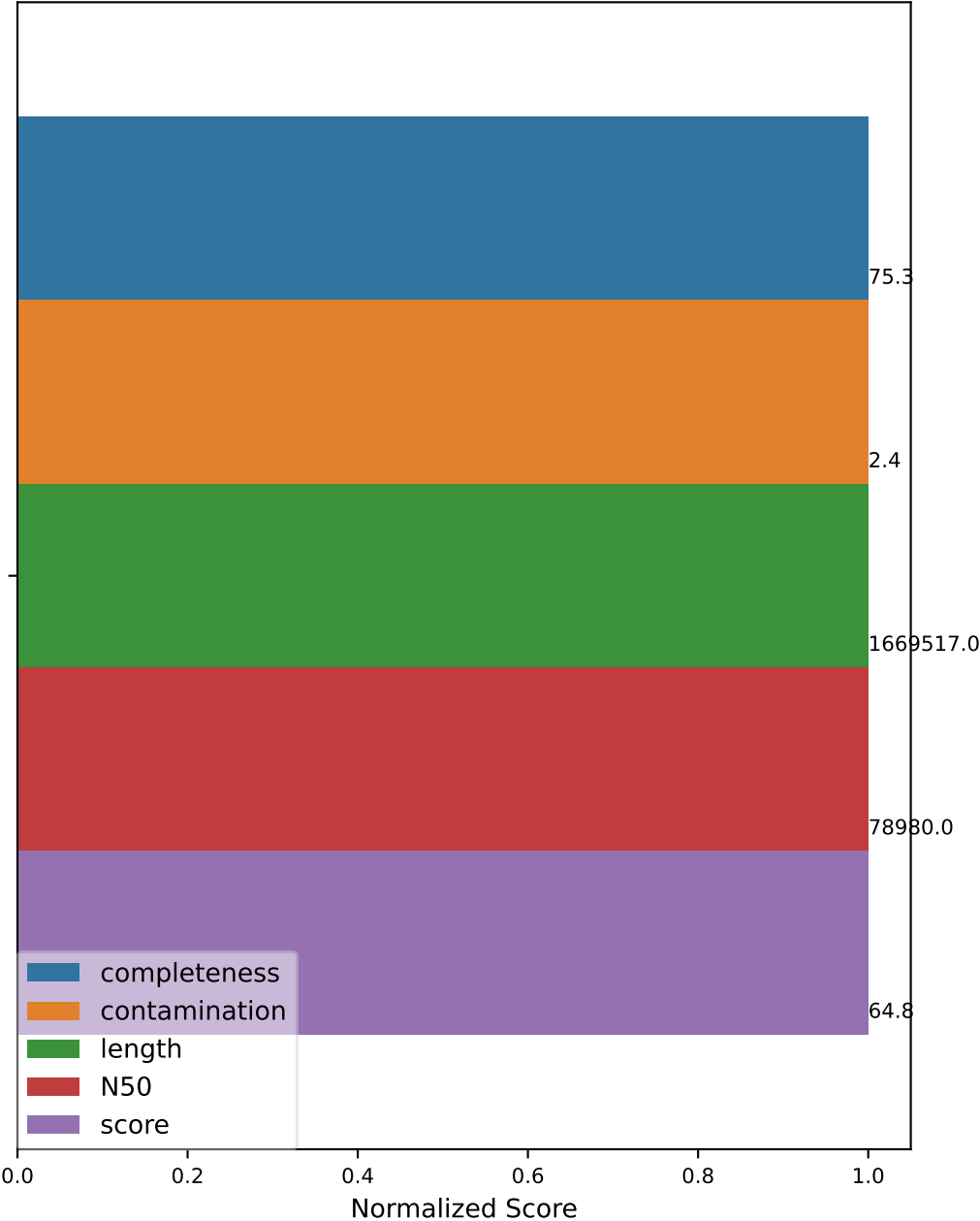




Scoring of cluster 534\_2

genome

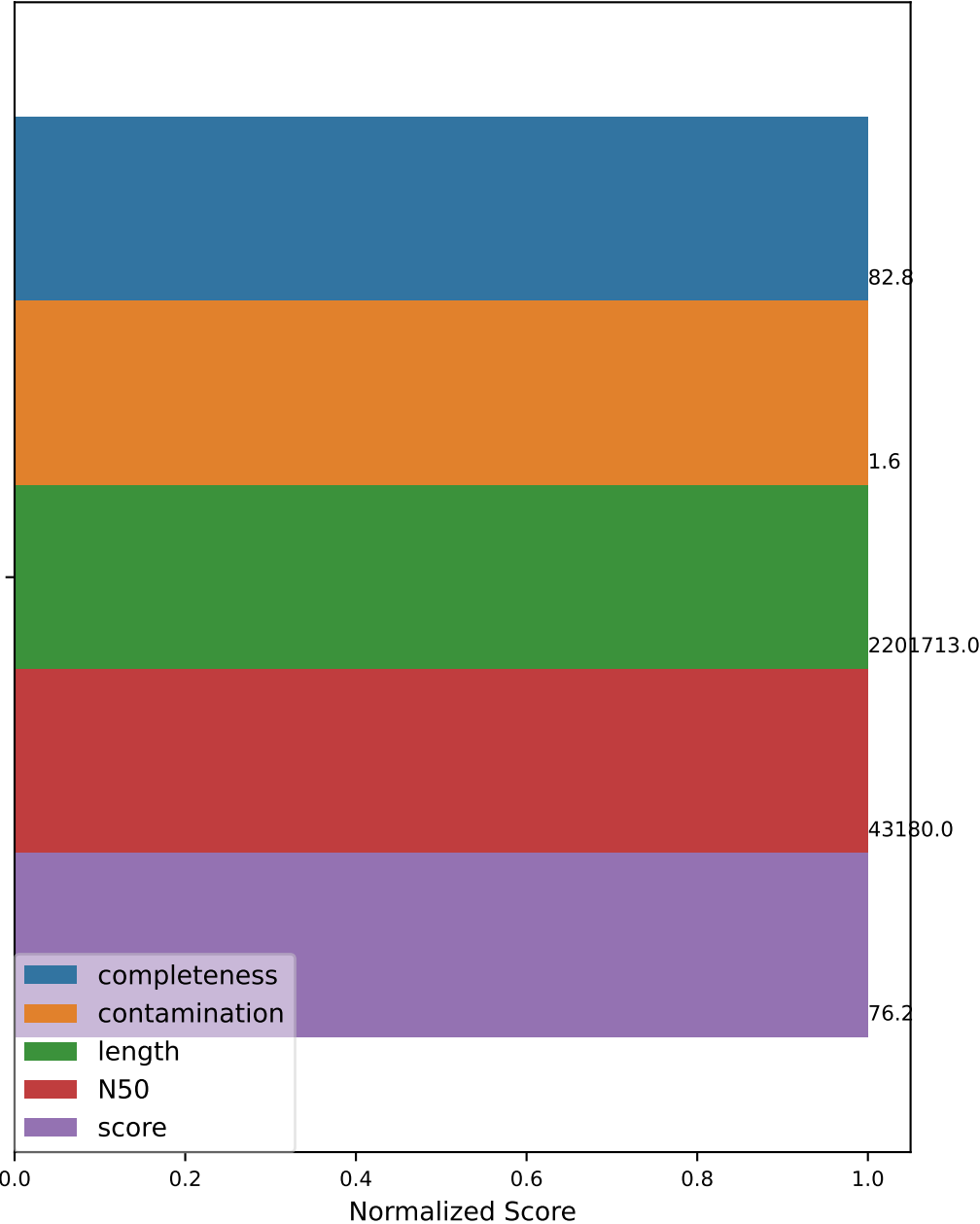
TOBG\_SP-3014.fna \*



Scoring of cluster 535\_0

genome

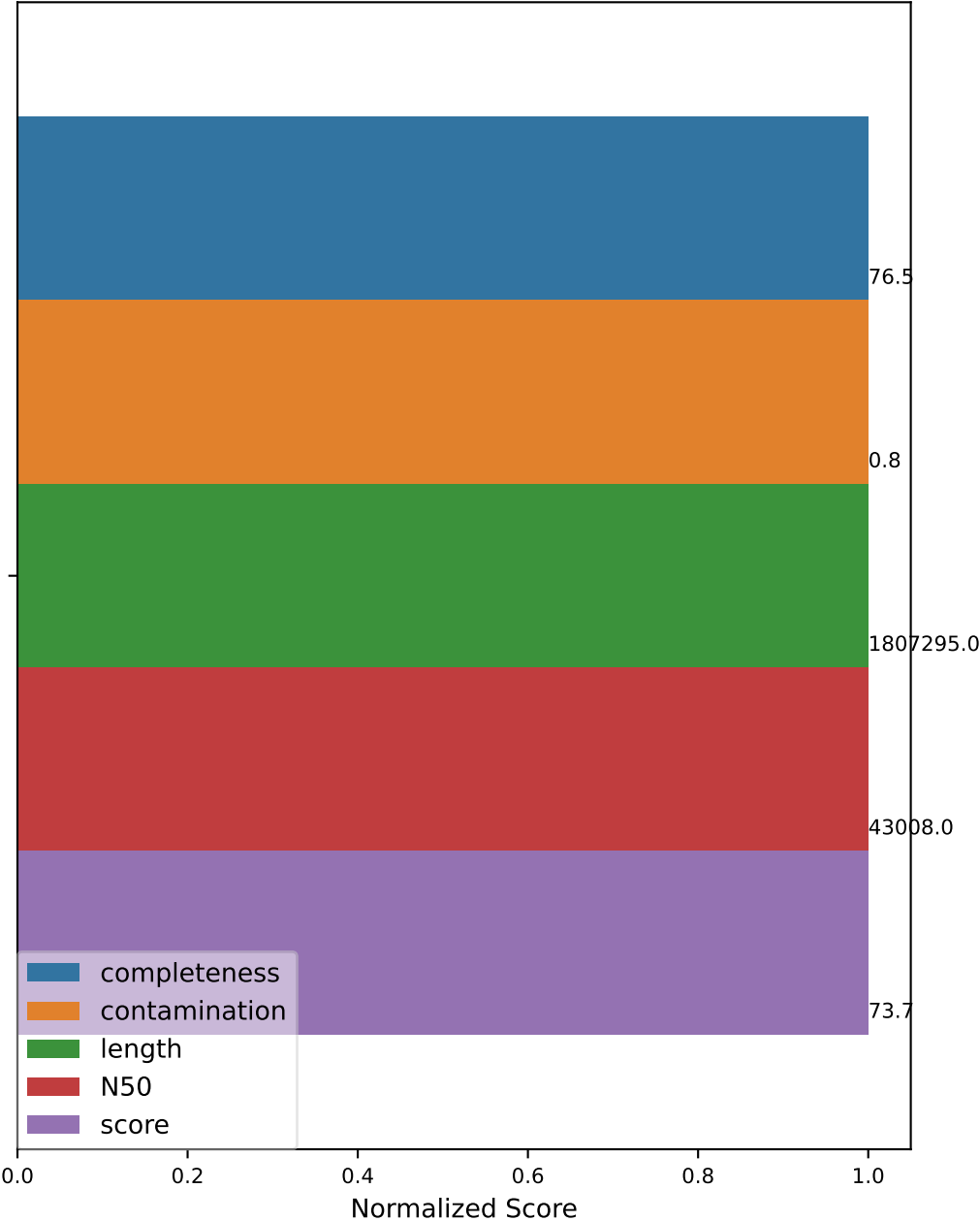
TOBG\_ARS-60.fna \*



Scoring of cluster 536\_0

genome

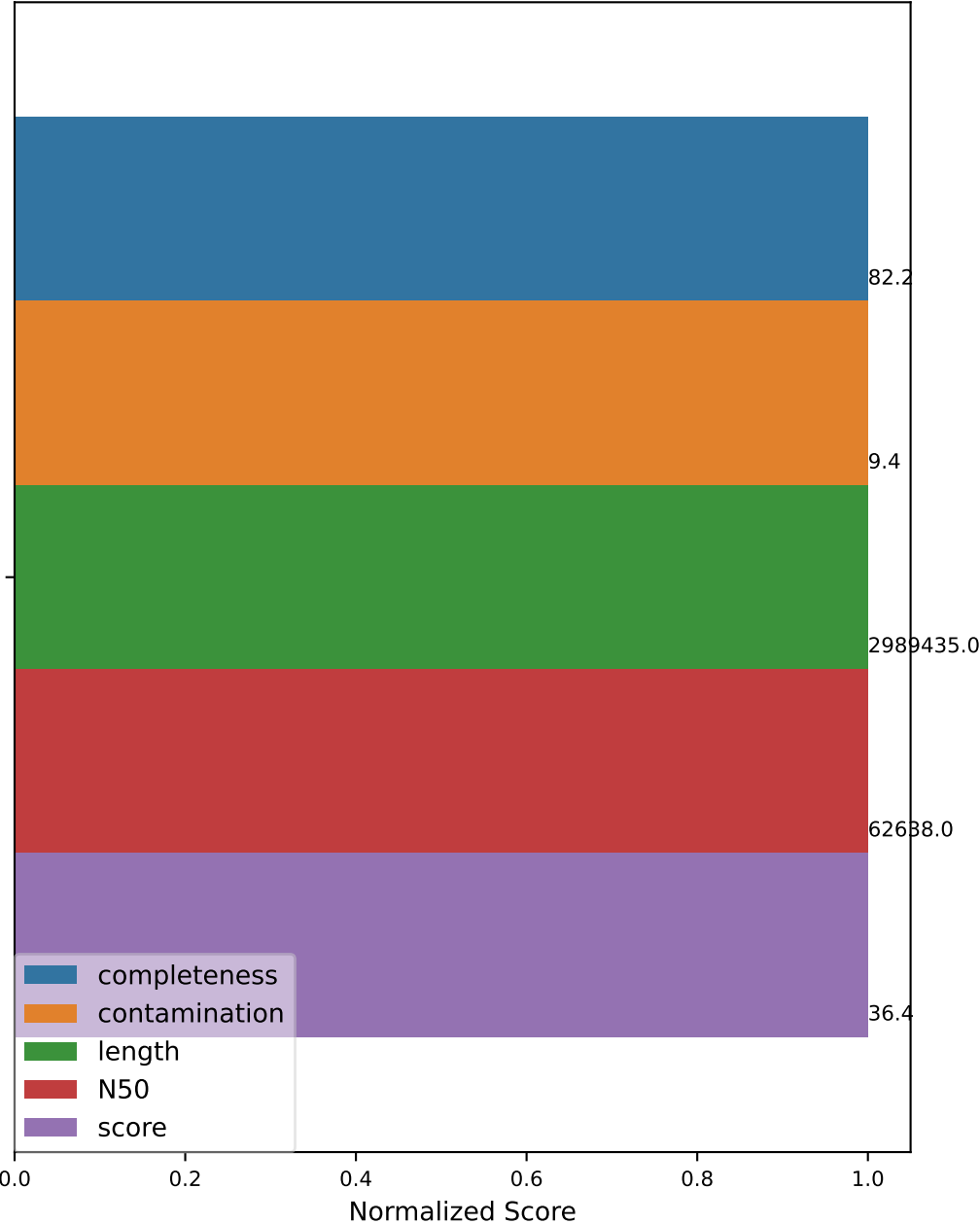
TOBG\_MED-738.fna \*



Scoring of cluster 537\_0

genome

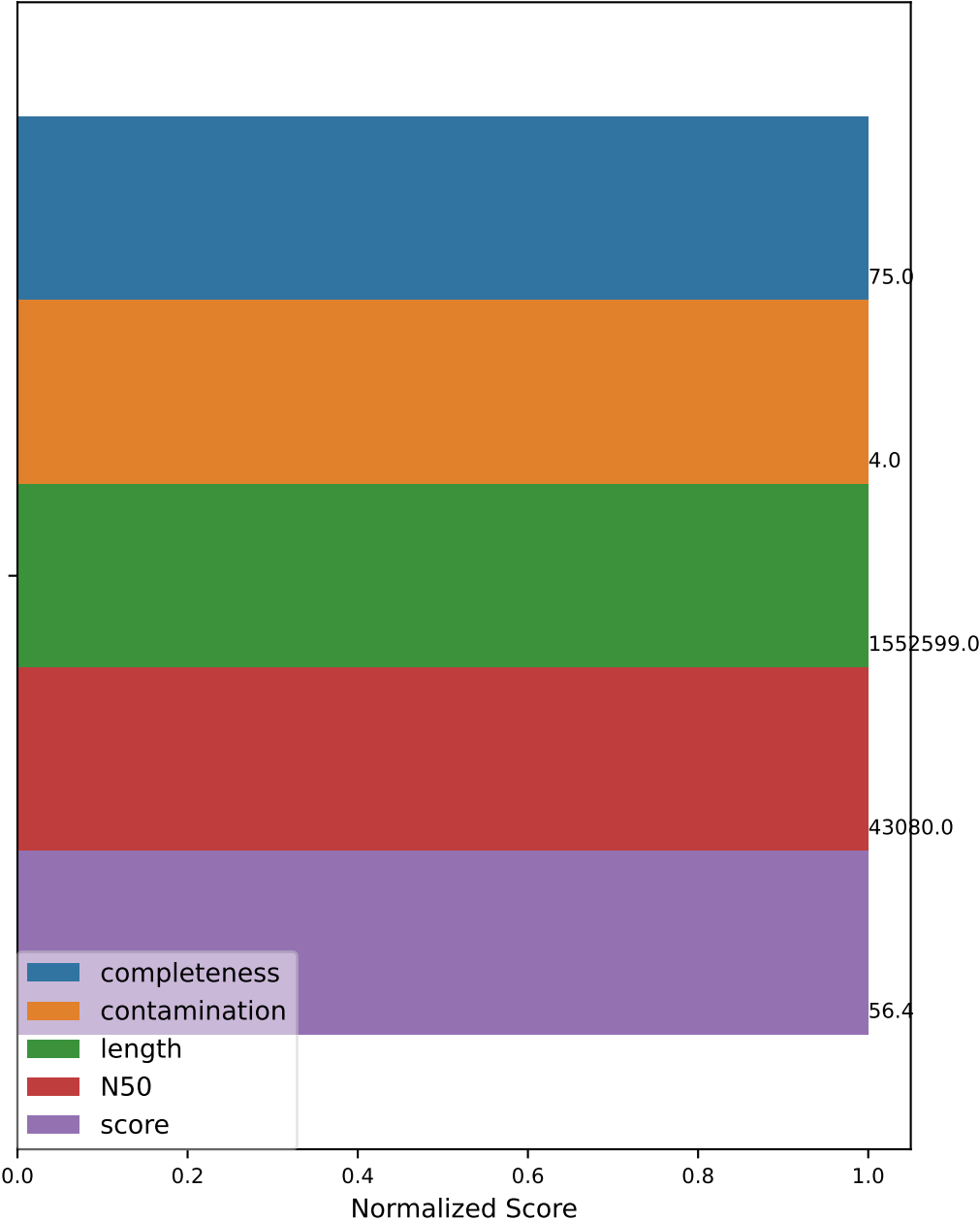
TOBG\_NP-956.fna \*



Scoring of cluster 538\_0

genome

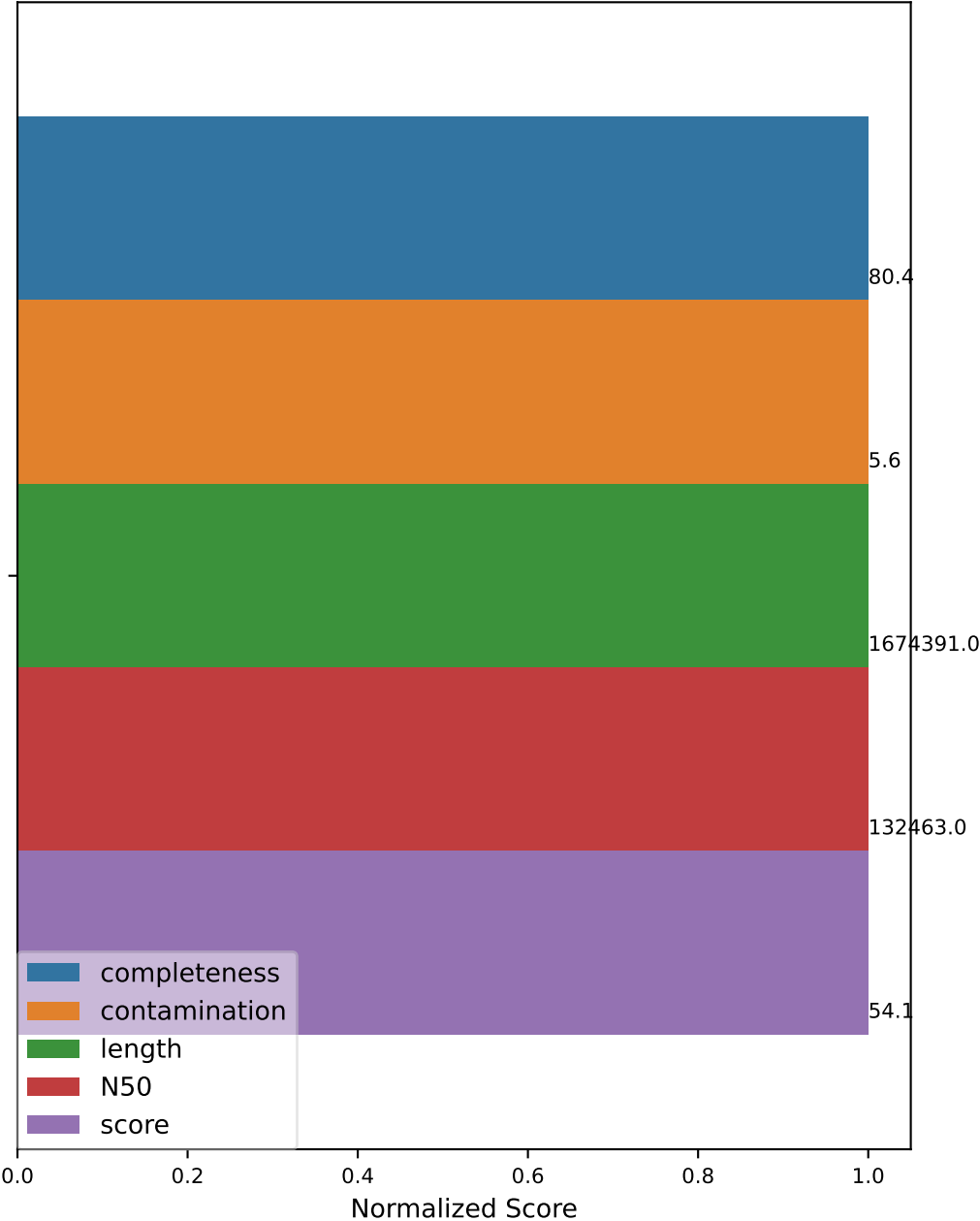
TOBG\_SAT-1510.fna \*

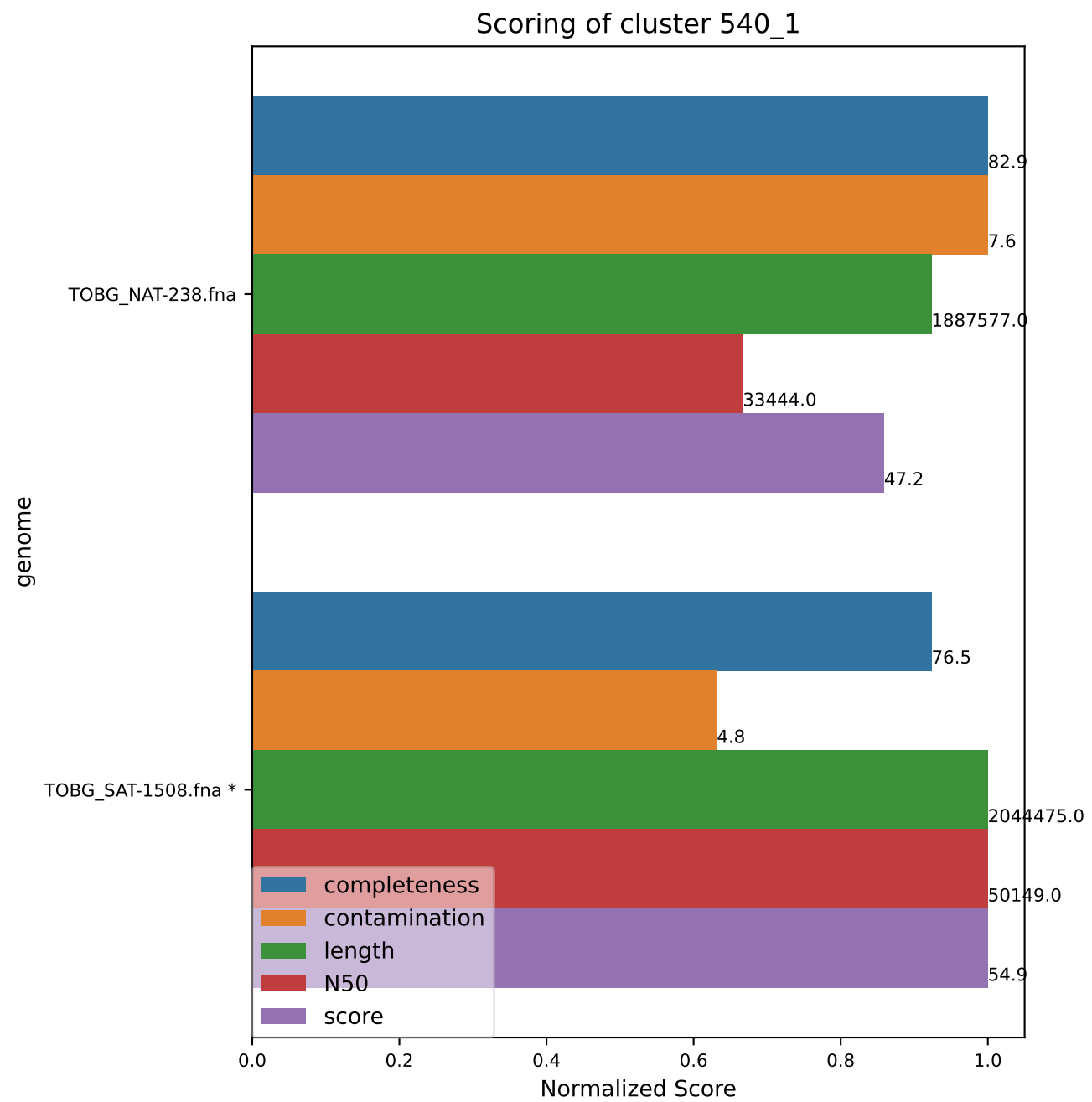


Scoring of cluster 539\_0

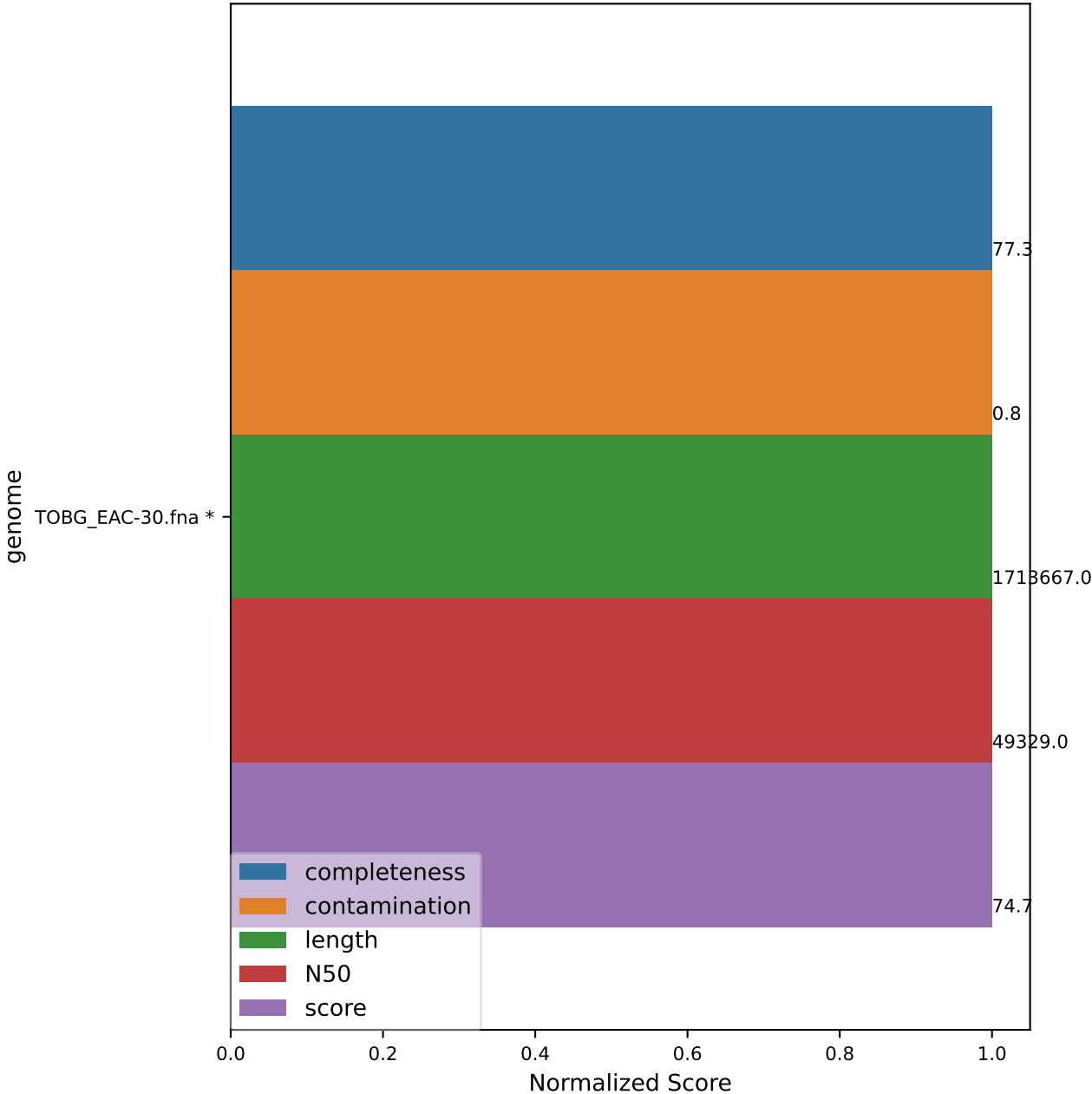
genome

TOBG\_SP-3074.fna \*





Scoring of cluster 541\_0

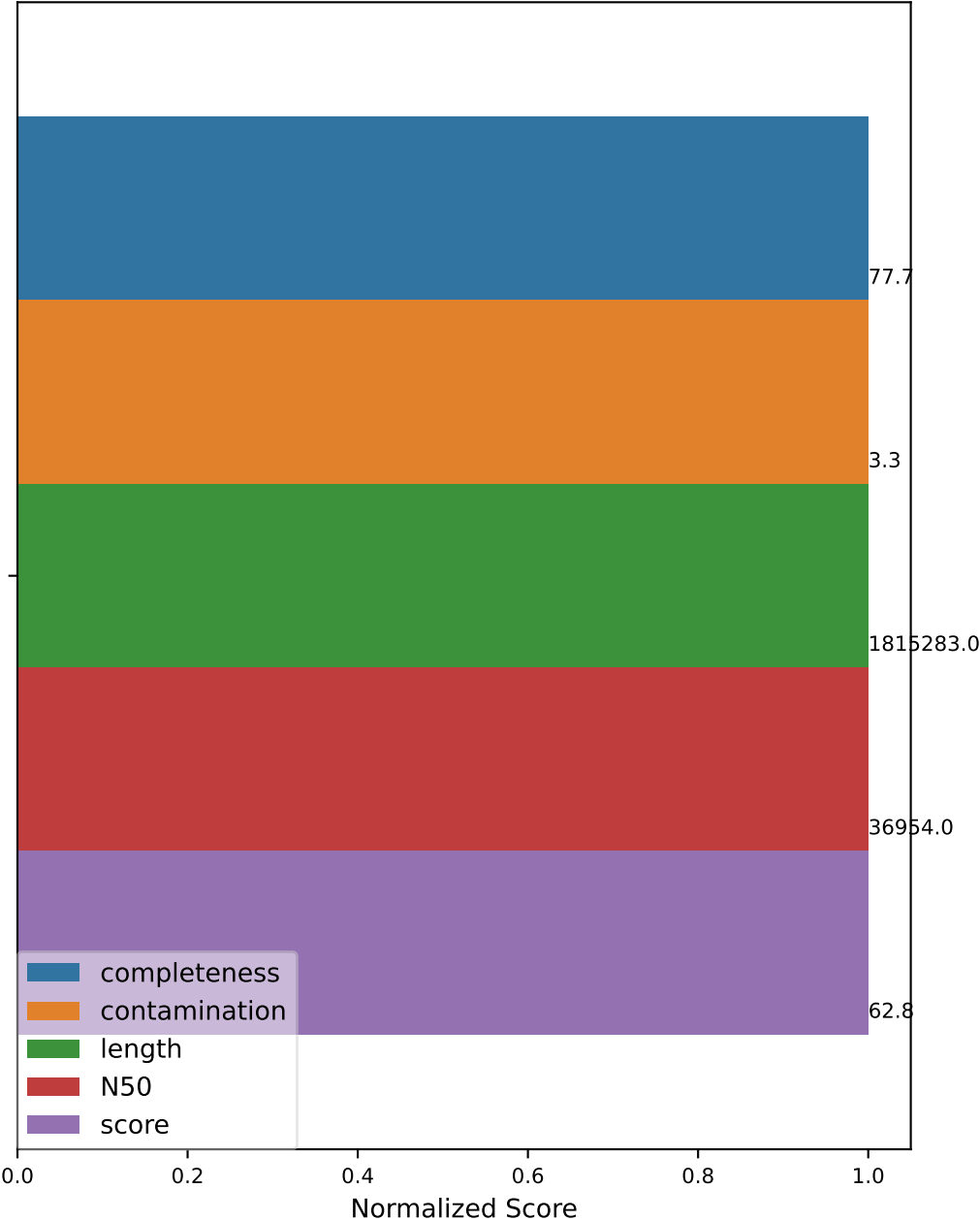




Scoring of cluster 542\_0

genome

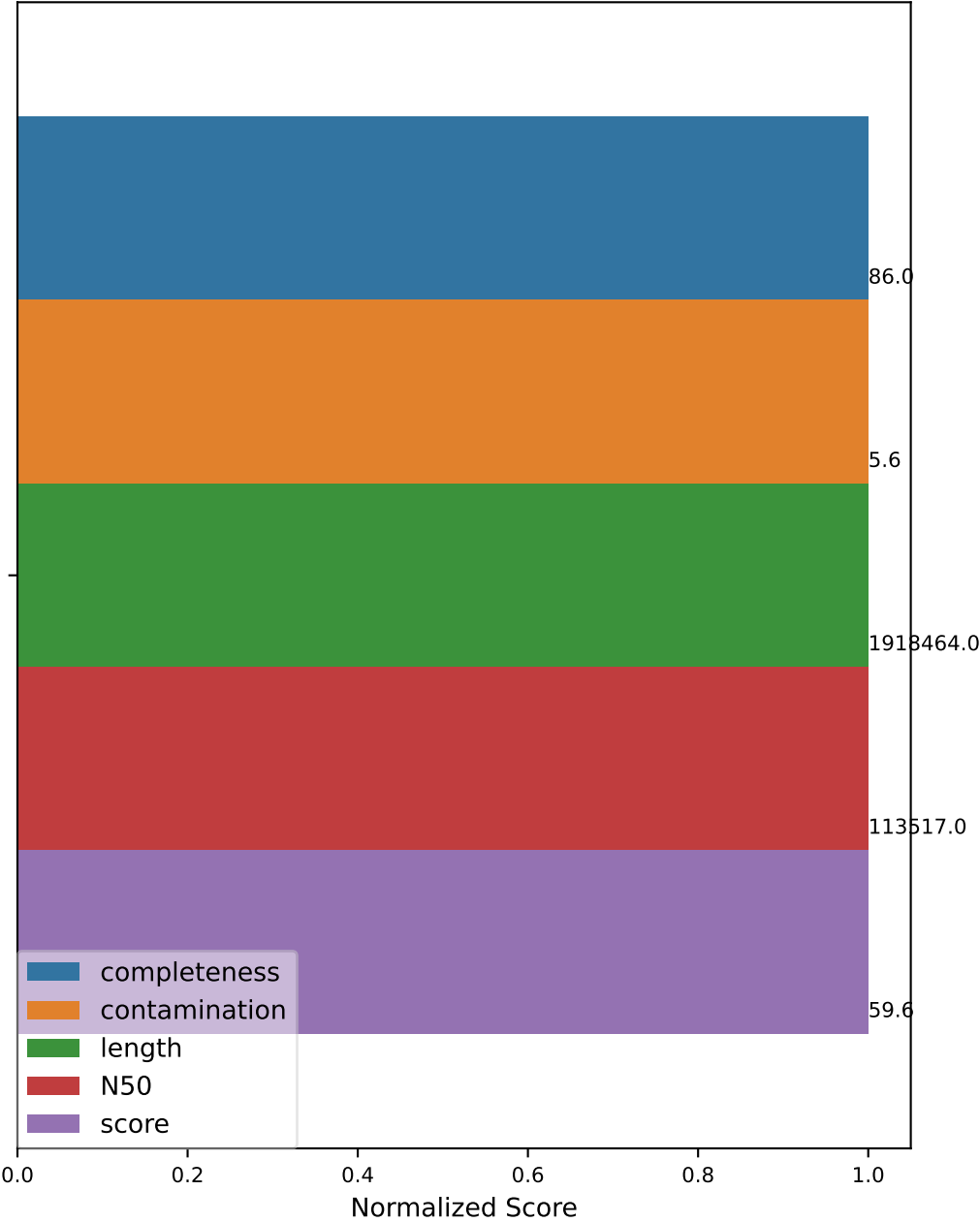
TOBG\_SP-3024.fna \*



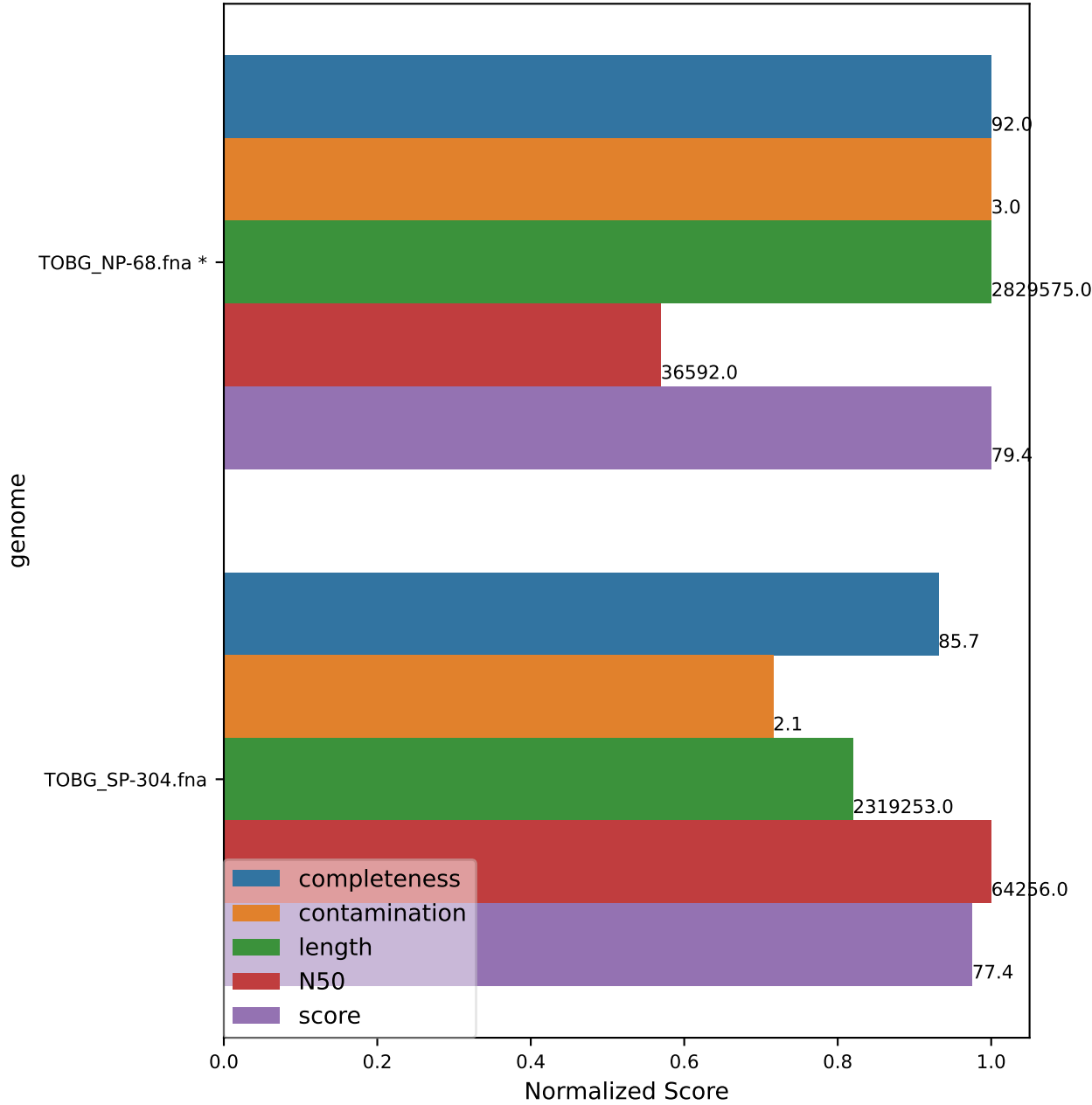
Scoring of cluster 543\_0

genome

TOBG\_SP-3059.fna \*



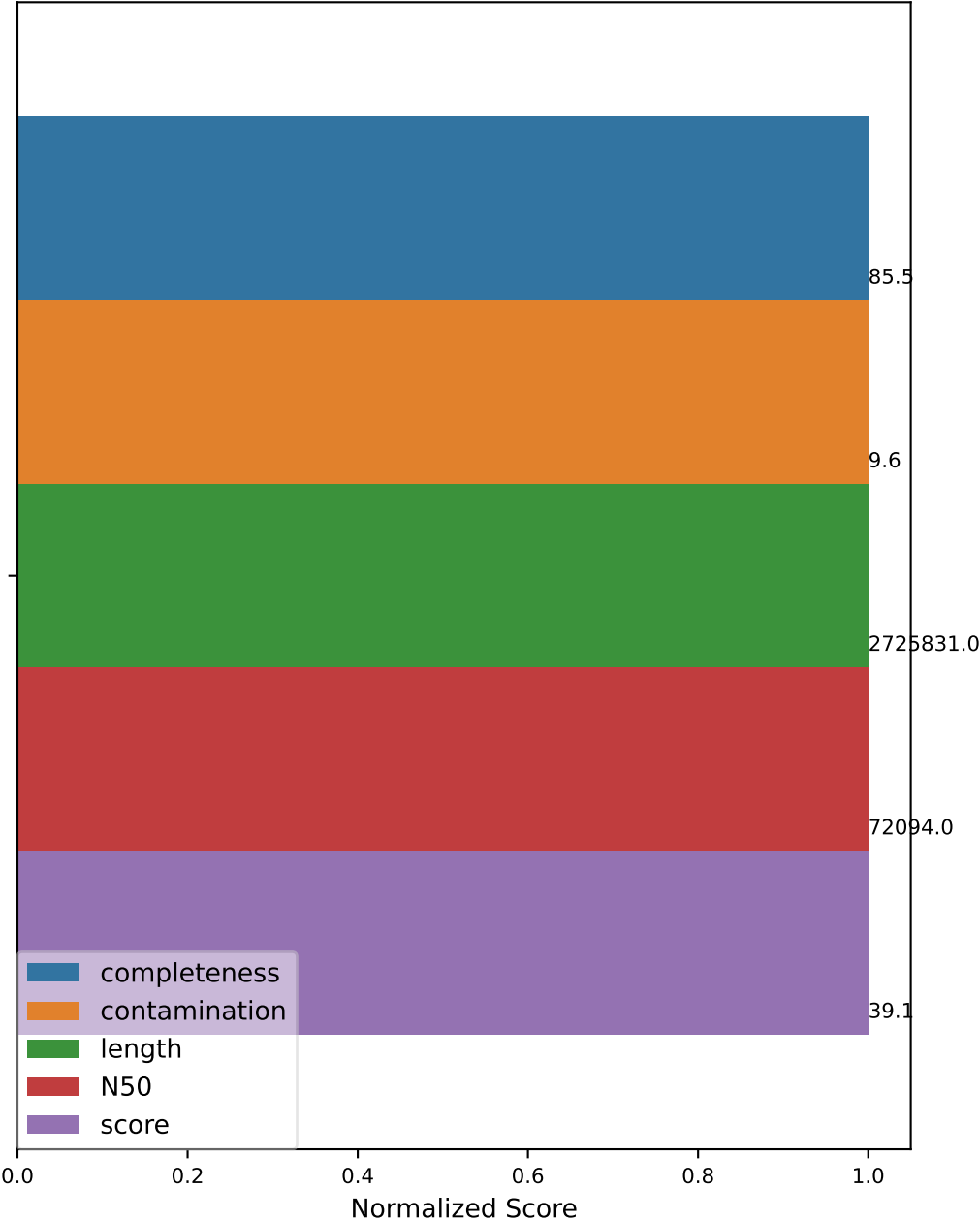
Scoring of cluster 544\_1



Scoring of cluster 545\_0

genome

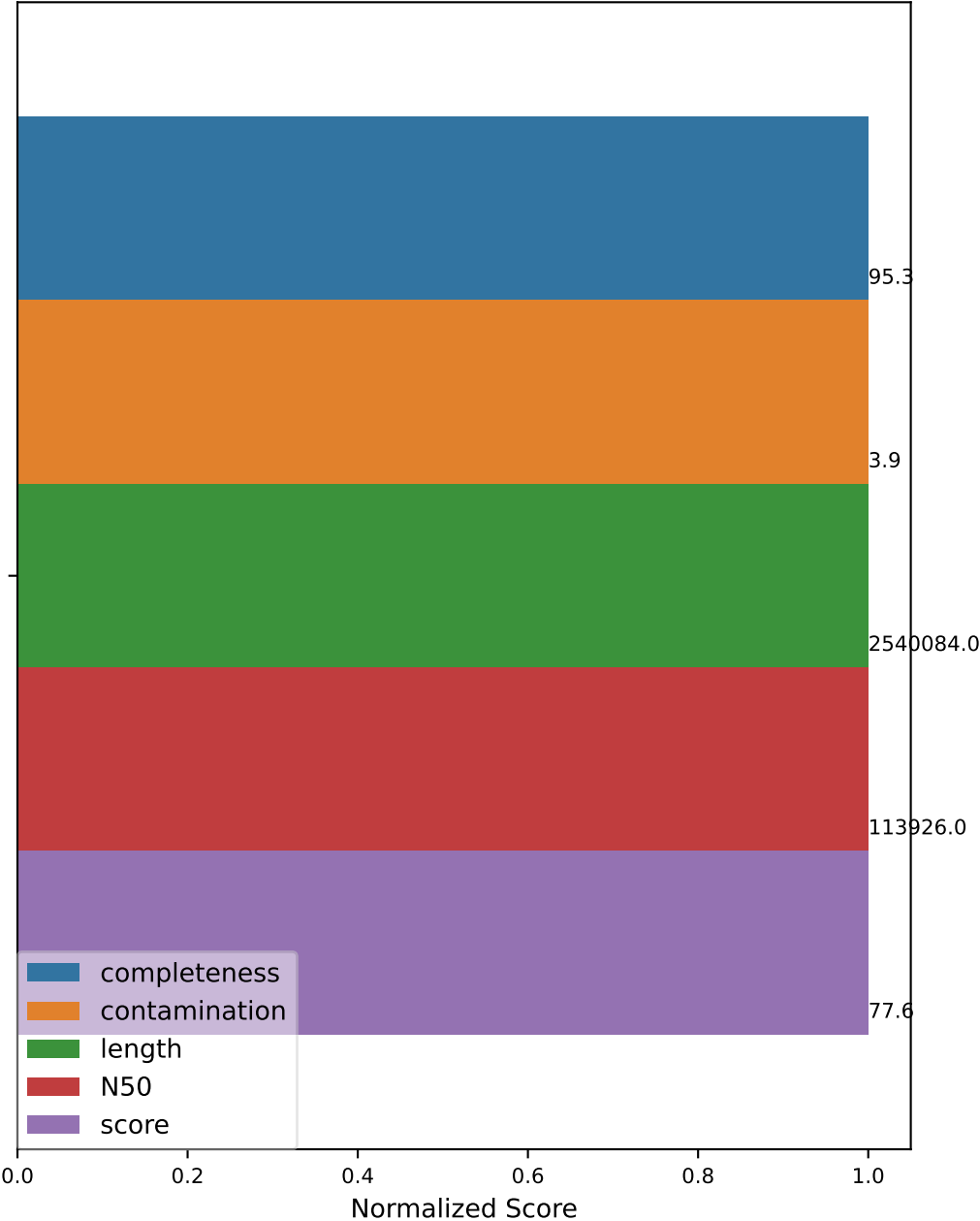
TOBG\_SP-2979.fna \*

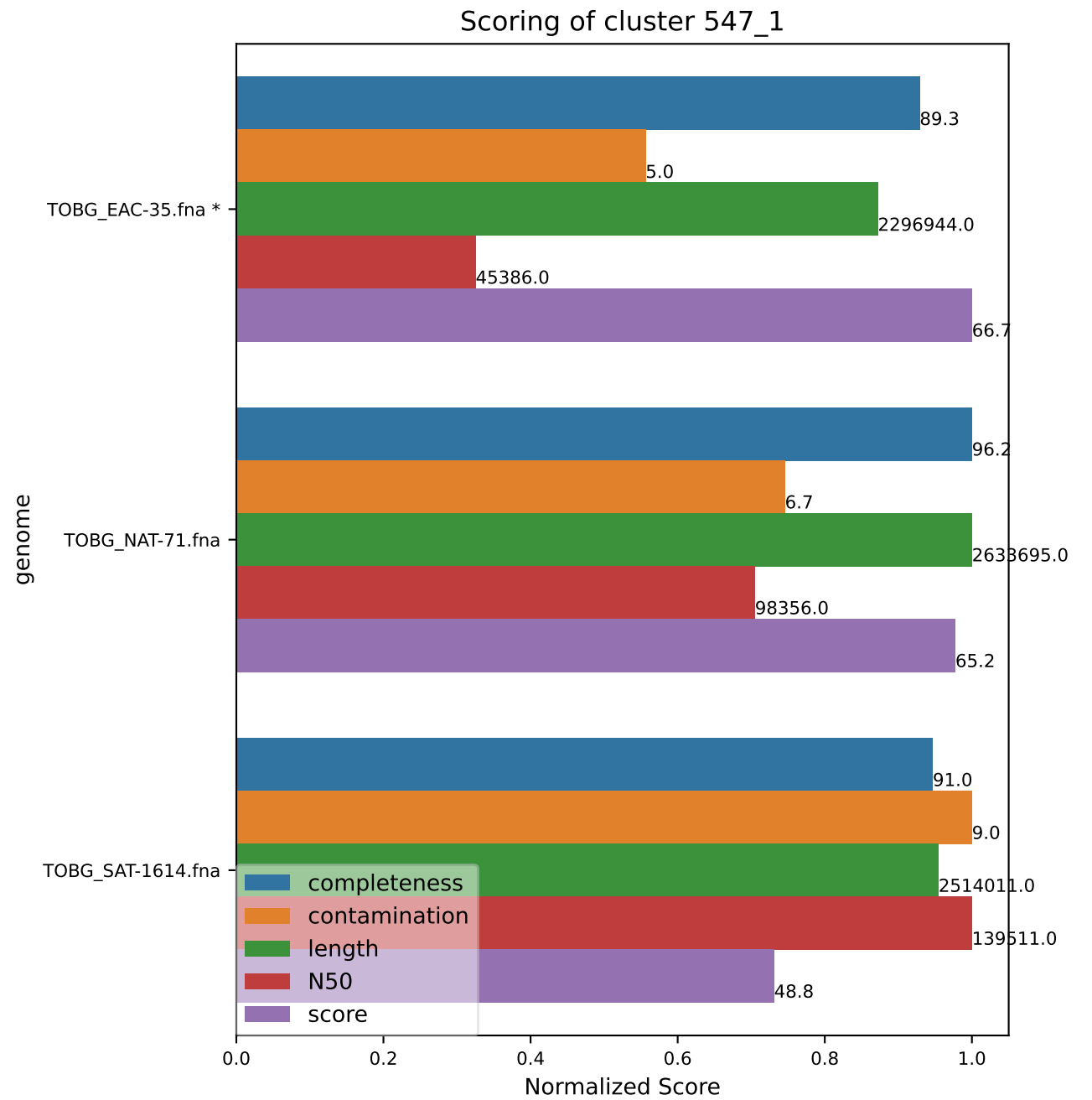


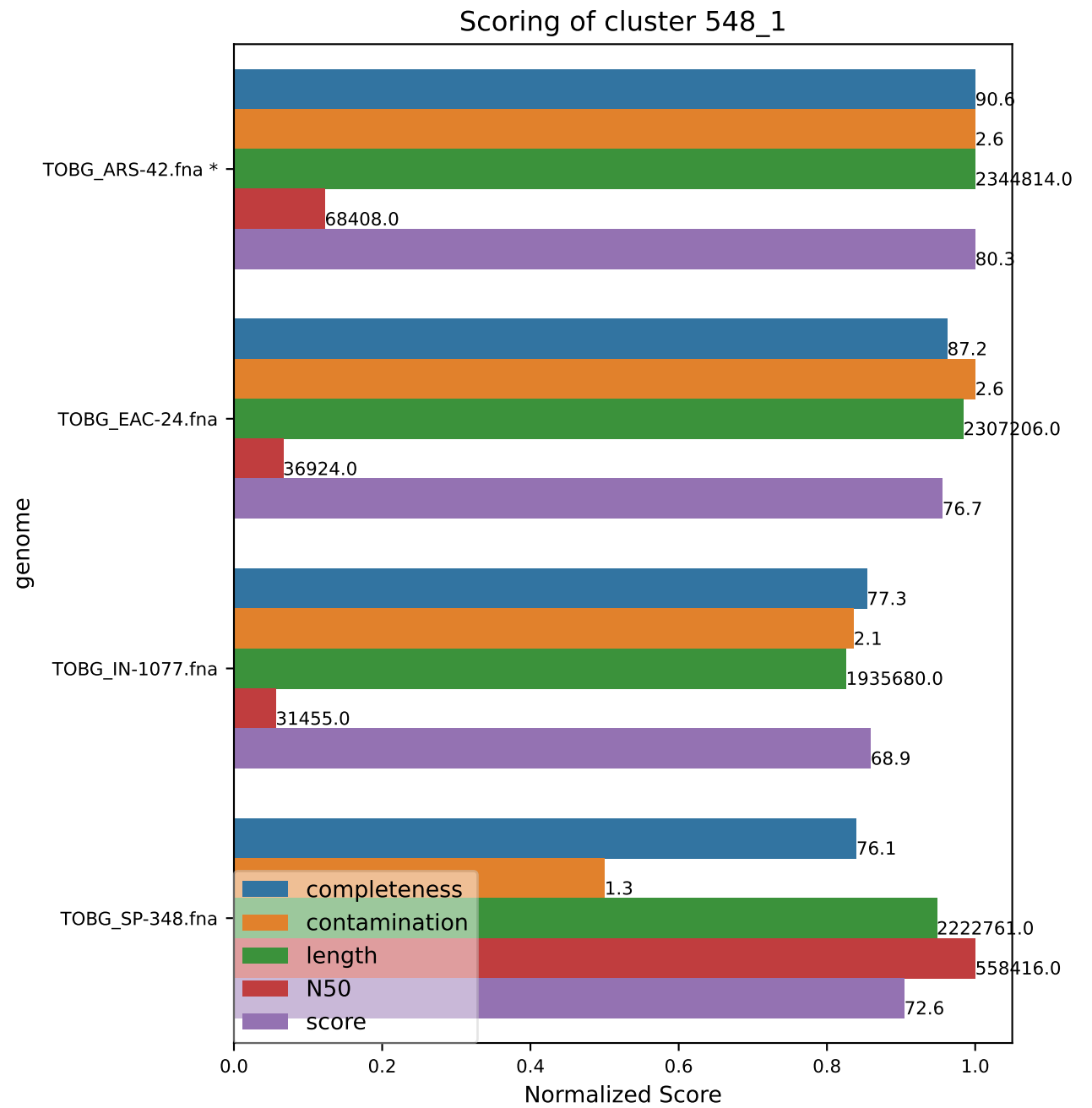
Scoring of cluster 546\_0

genome

TOBG\_NAT-188.fna \*



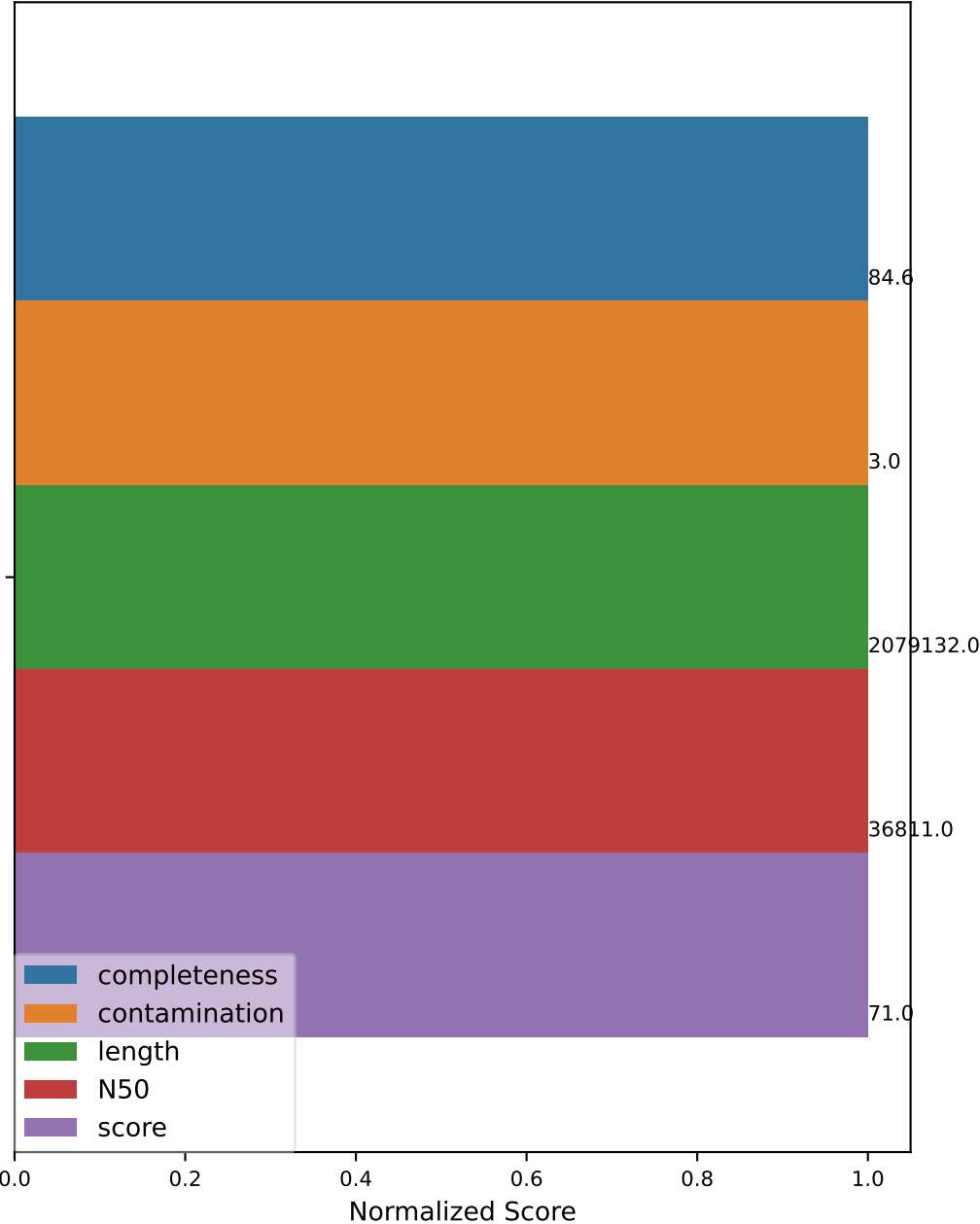




Scoring of cluster 549\_0

genome

TOBG\_RS-391.fna \*

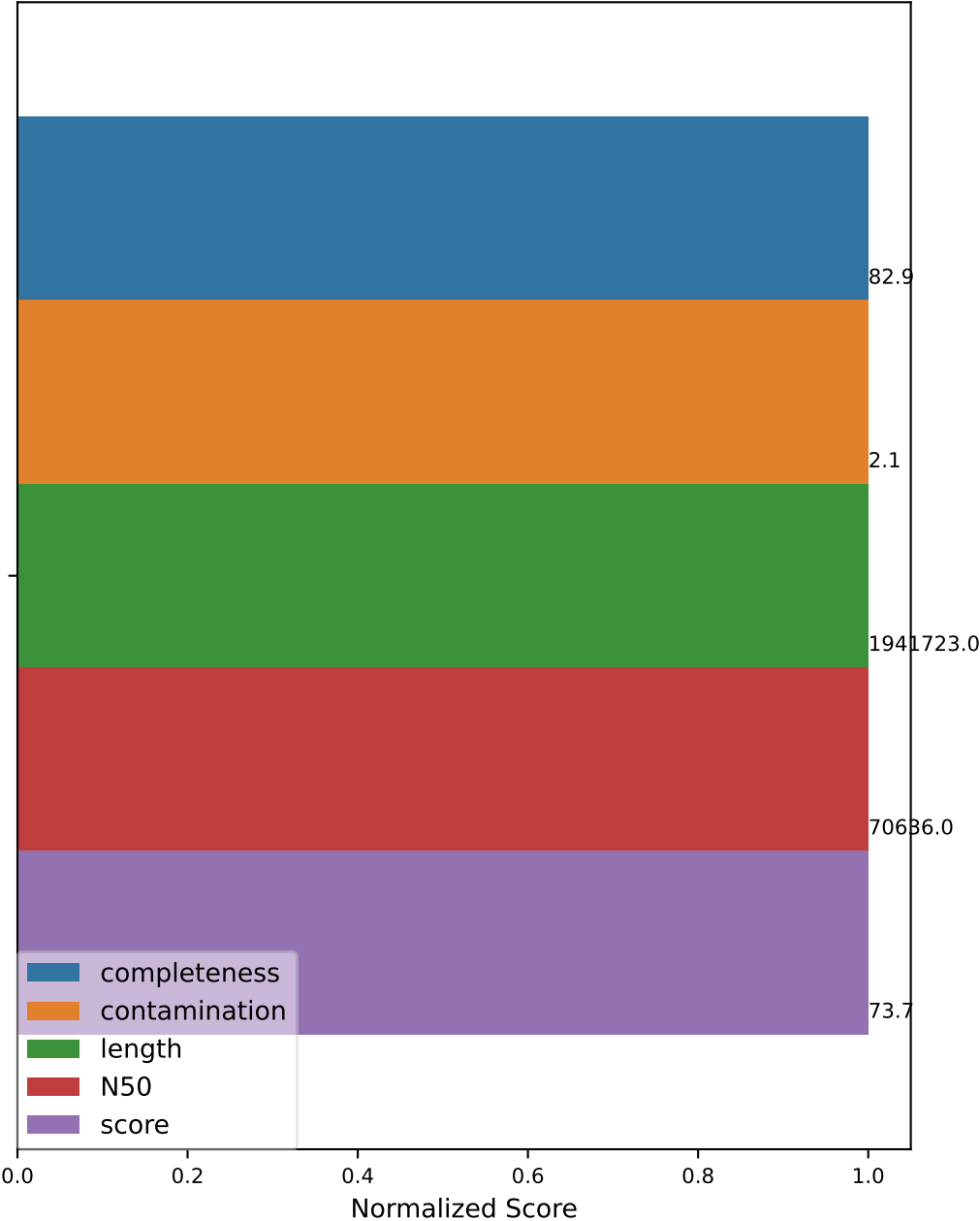




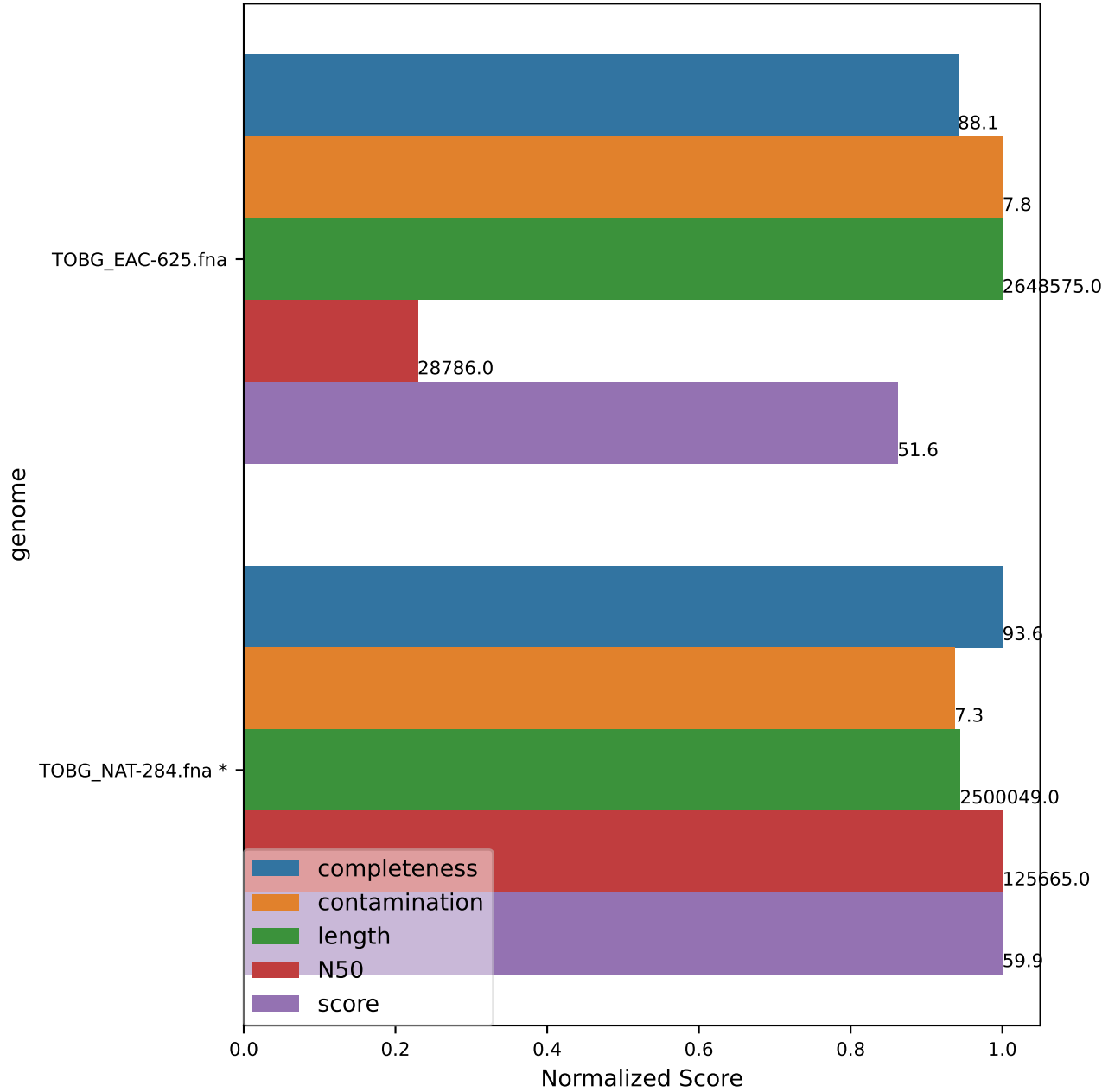
Scoring of cluster 550\_0

genome

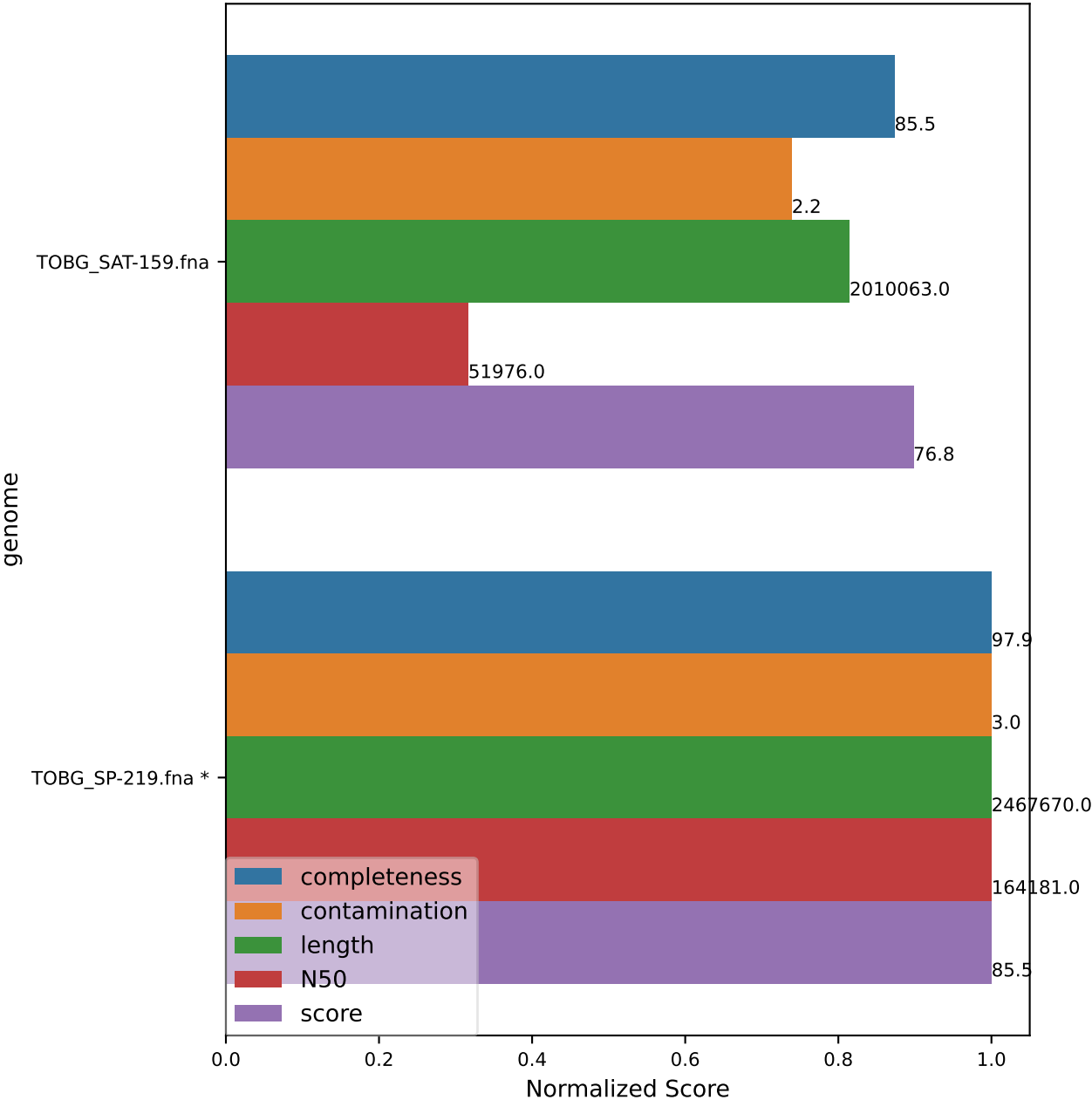
TOBG\_SP-281.fna \*



Scoring of cluster 551\_1



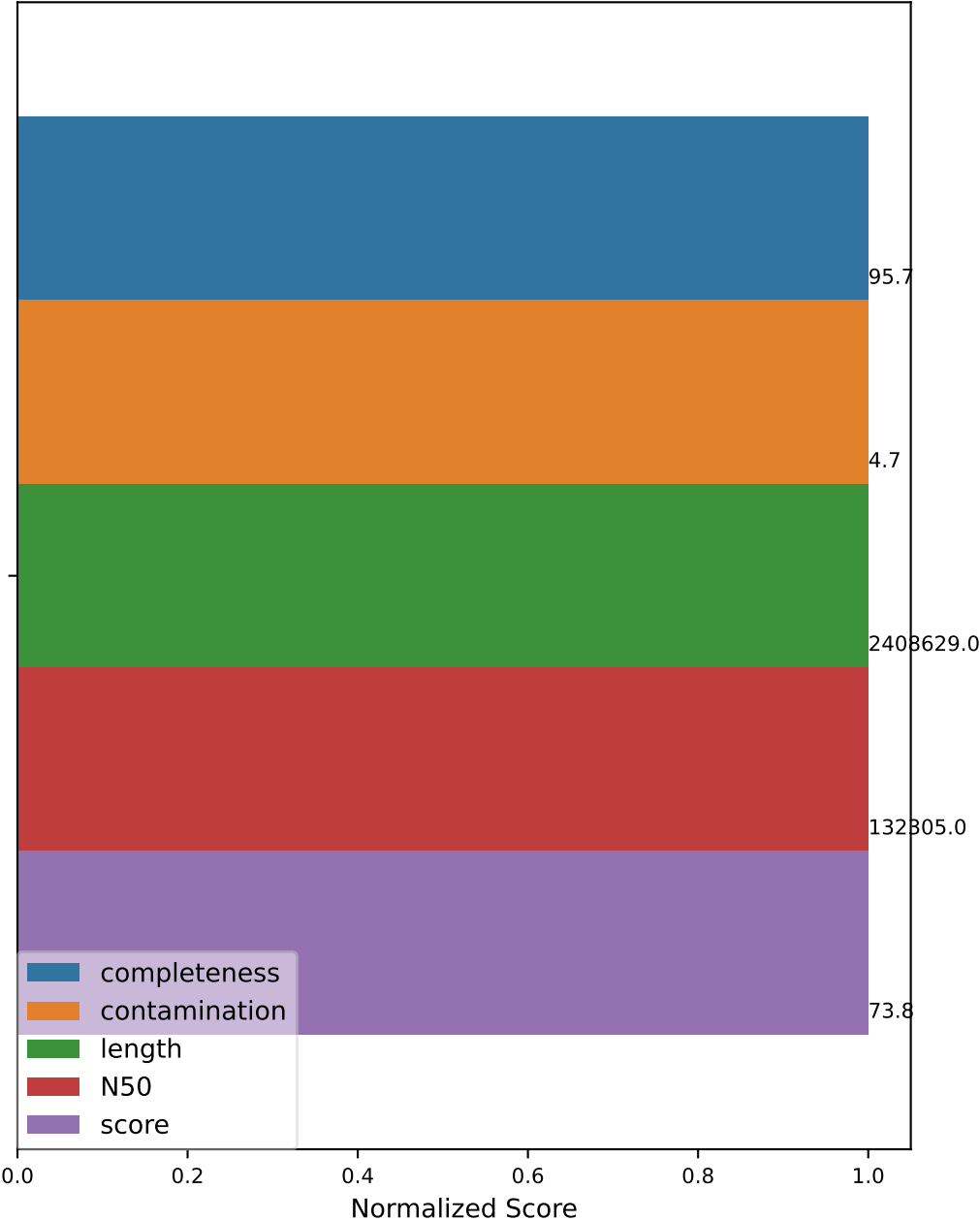
Scoring of cluster 552\_1



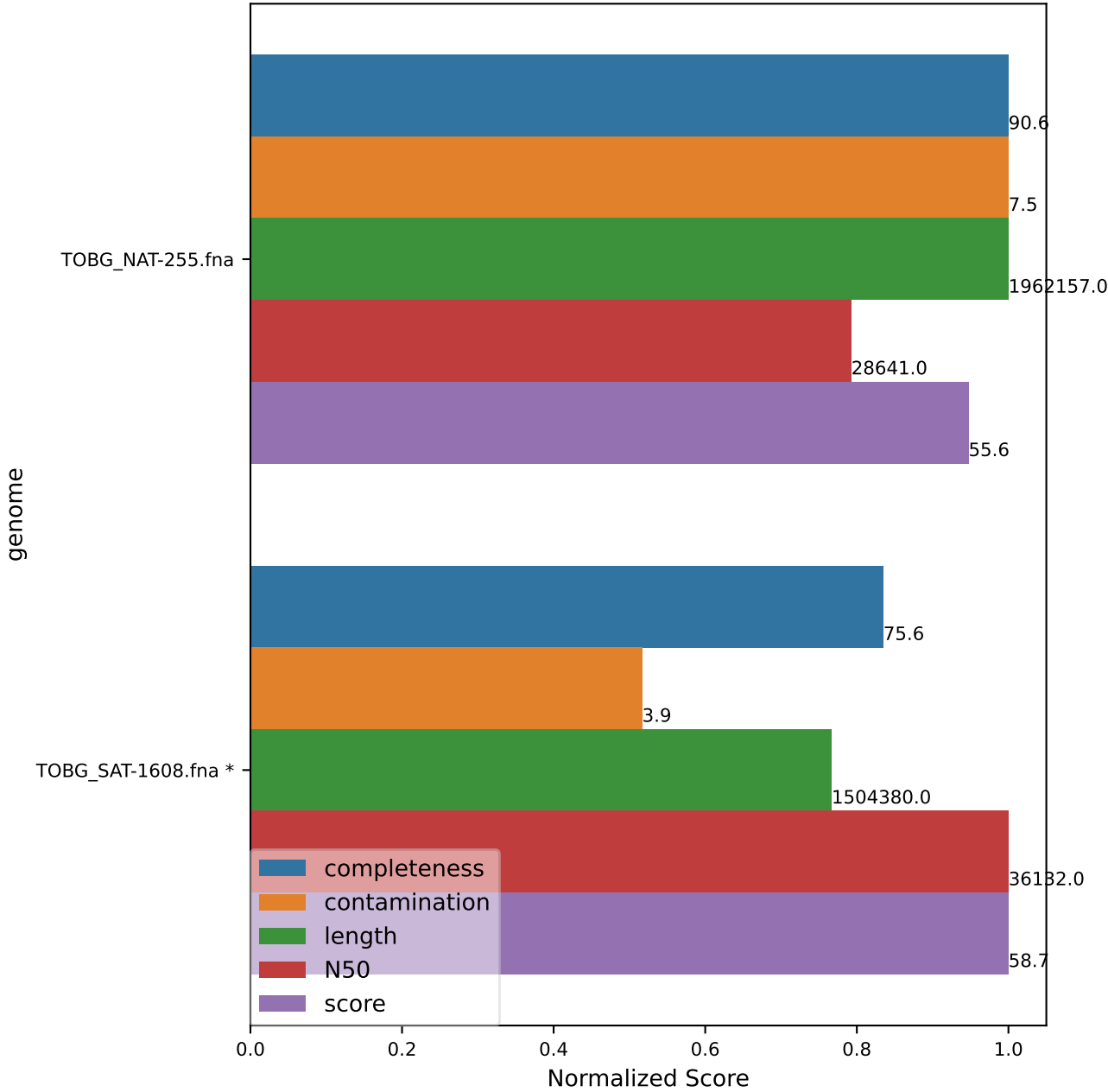
Scoring of cluster 553\_0

genome

TOBG\_SP-160.fna \*



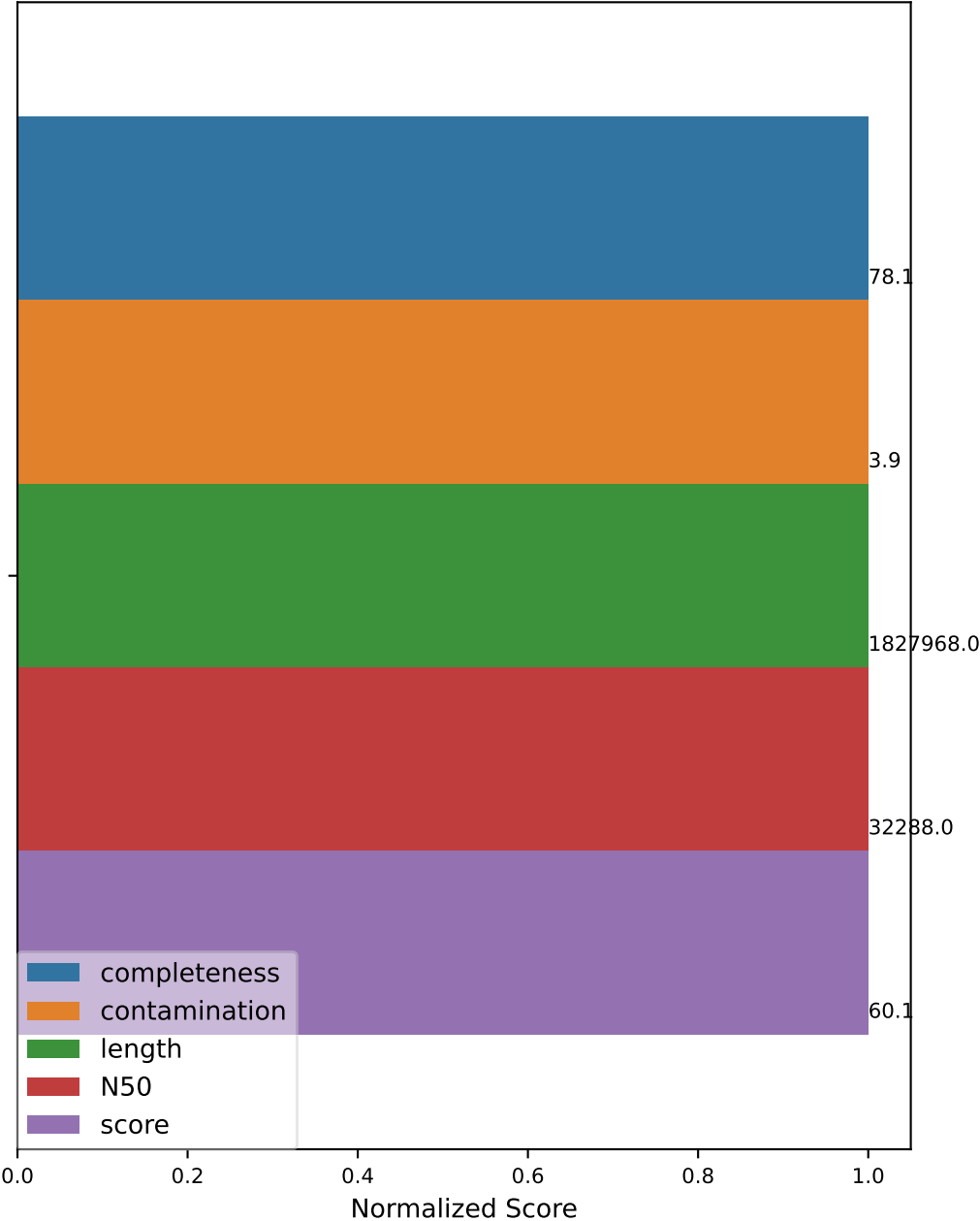
Scoring of cluster 554\_1



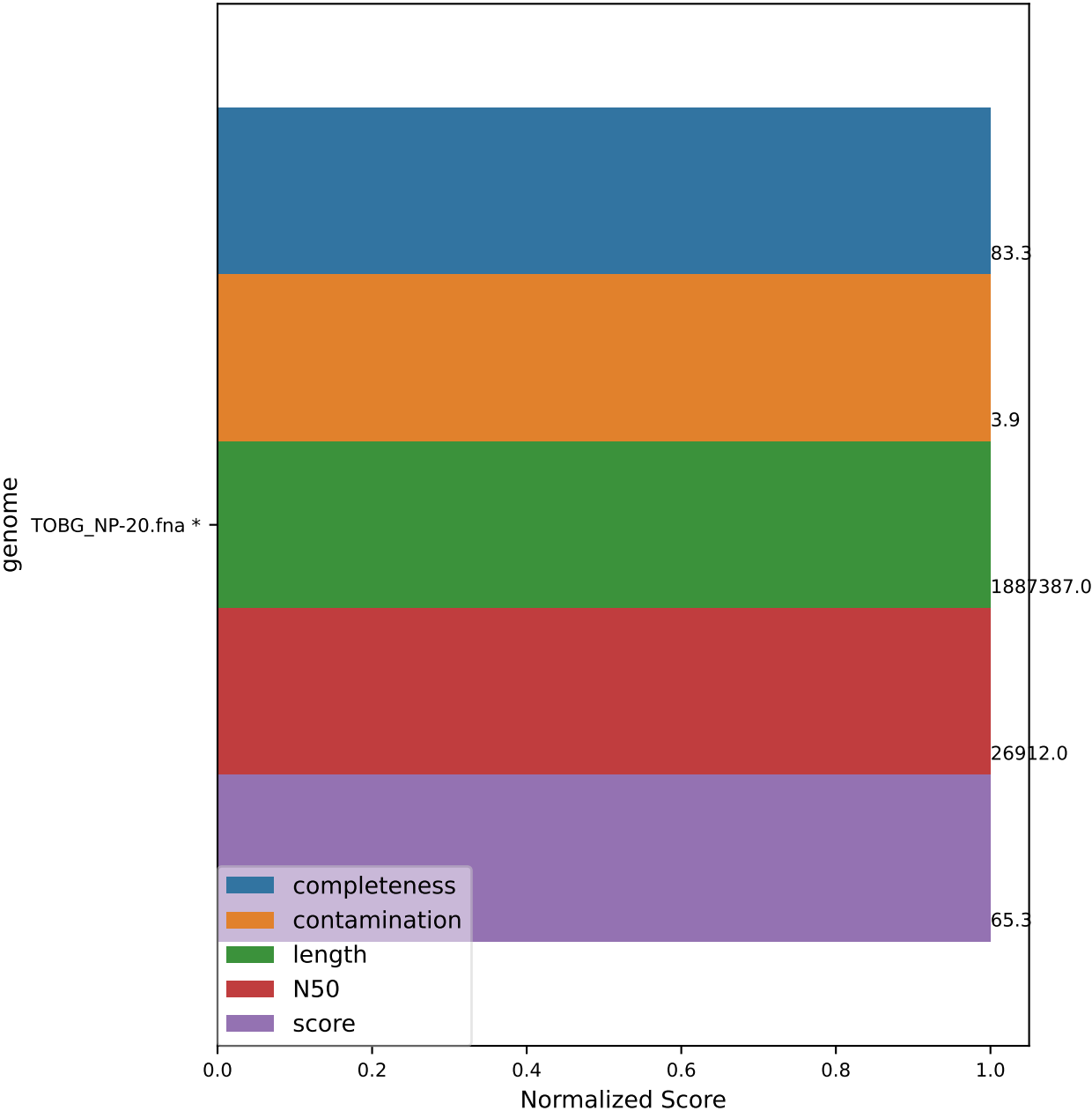
Scoring of cluster 555\_0

genome

TOBG\_MED-837.fna \*



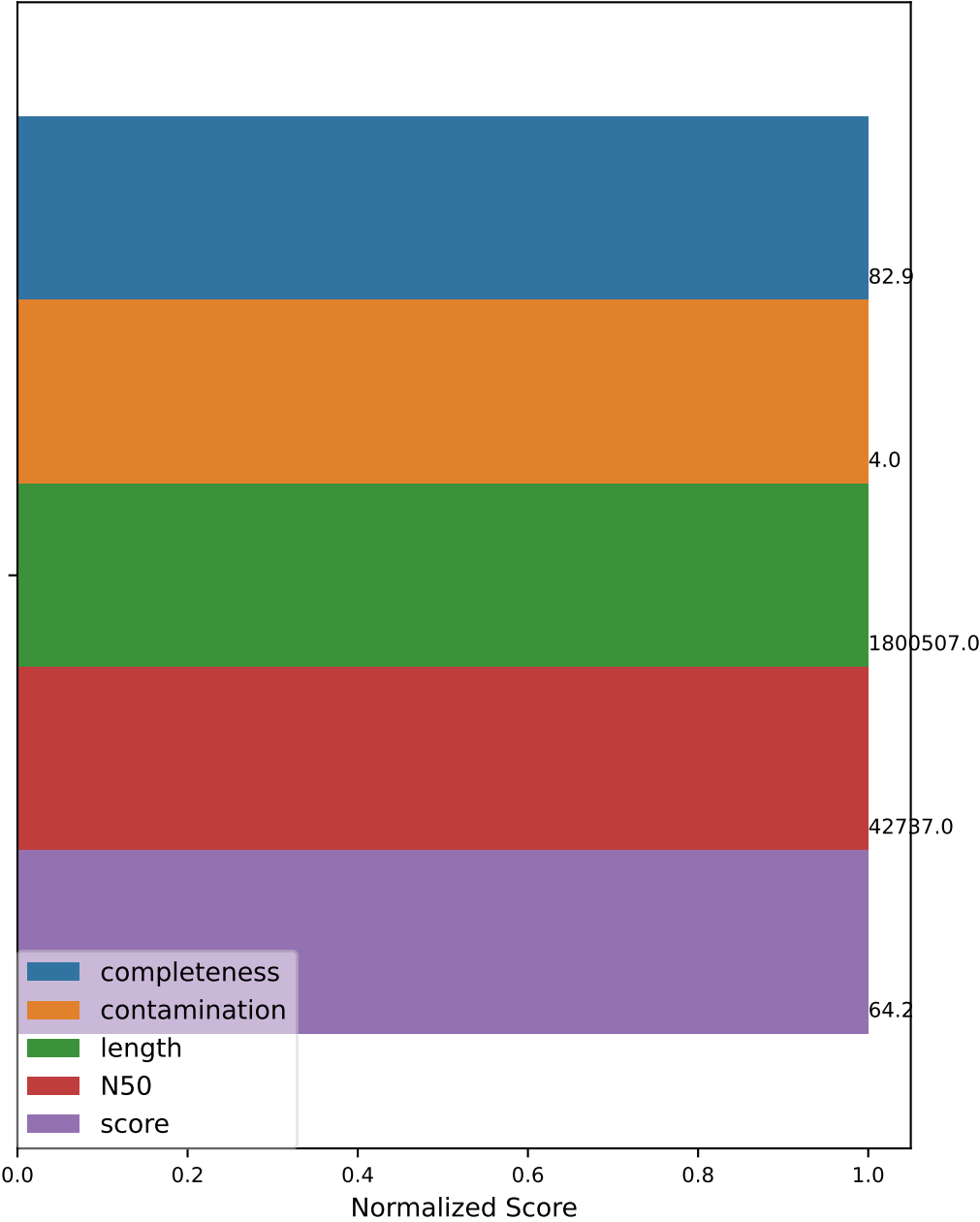
Scoring of cluster 556\_0



Scoring of cluster 557\_0

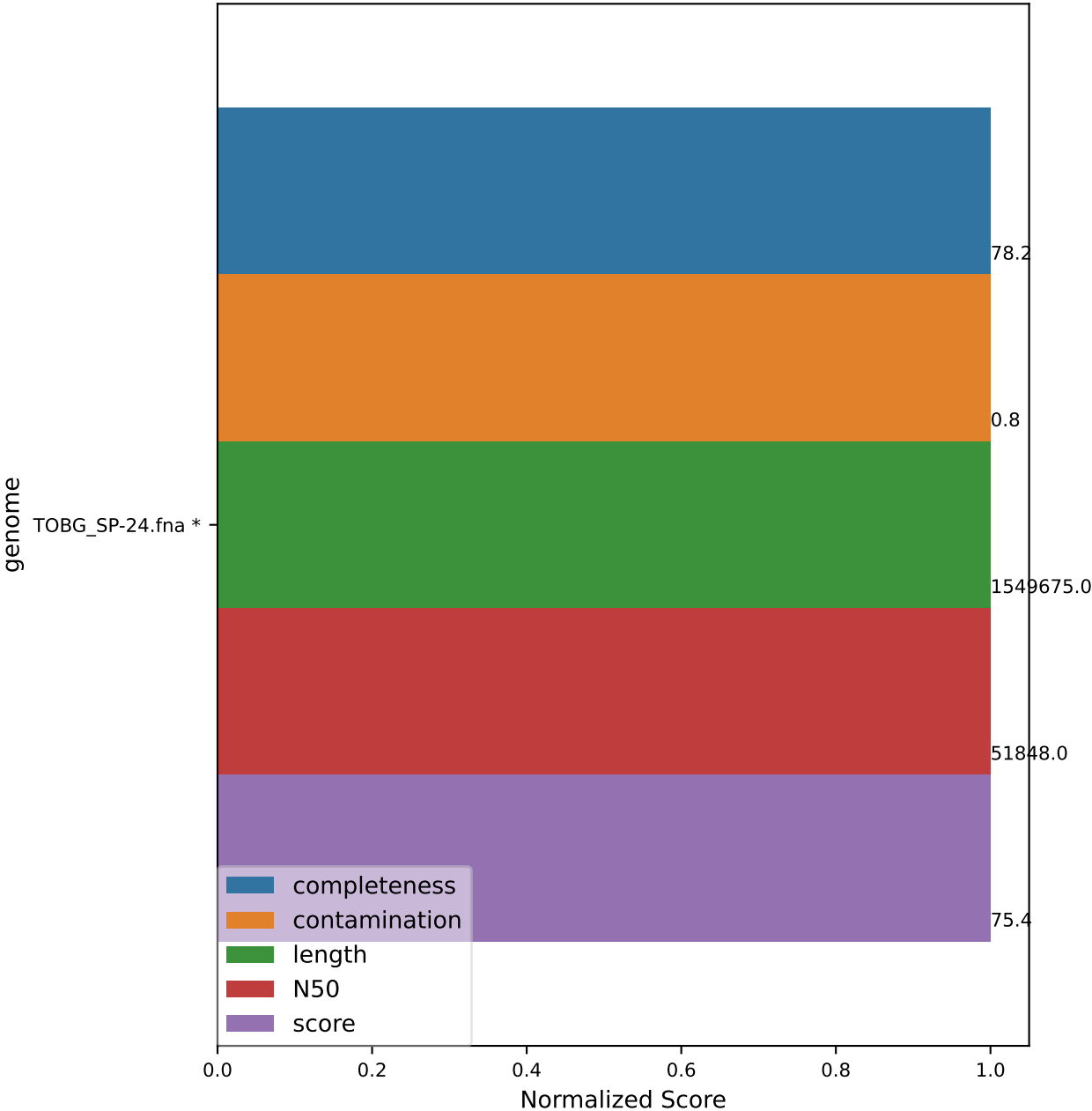
genome

TOBG\_RS-387.fna \*





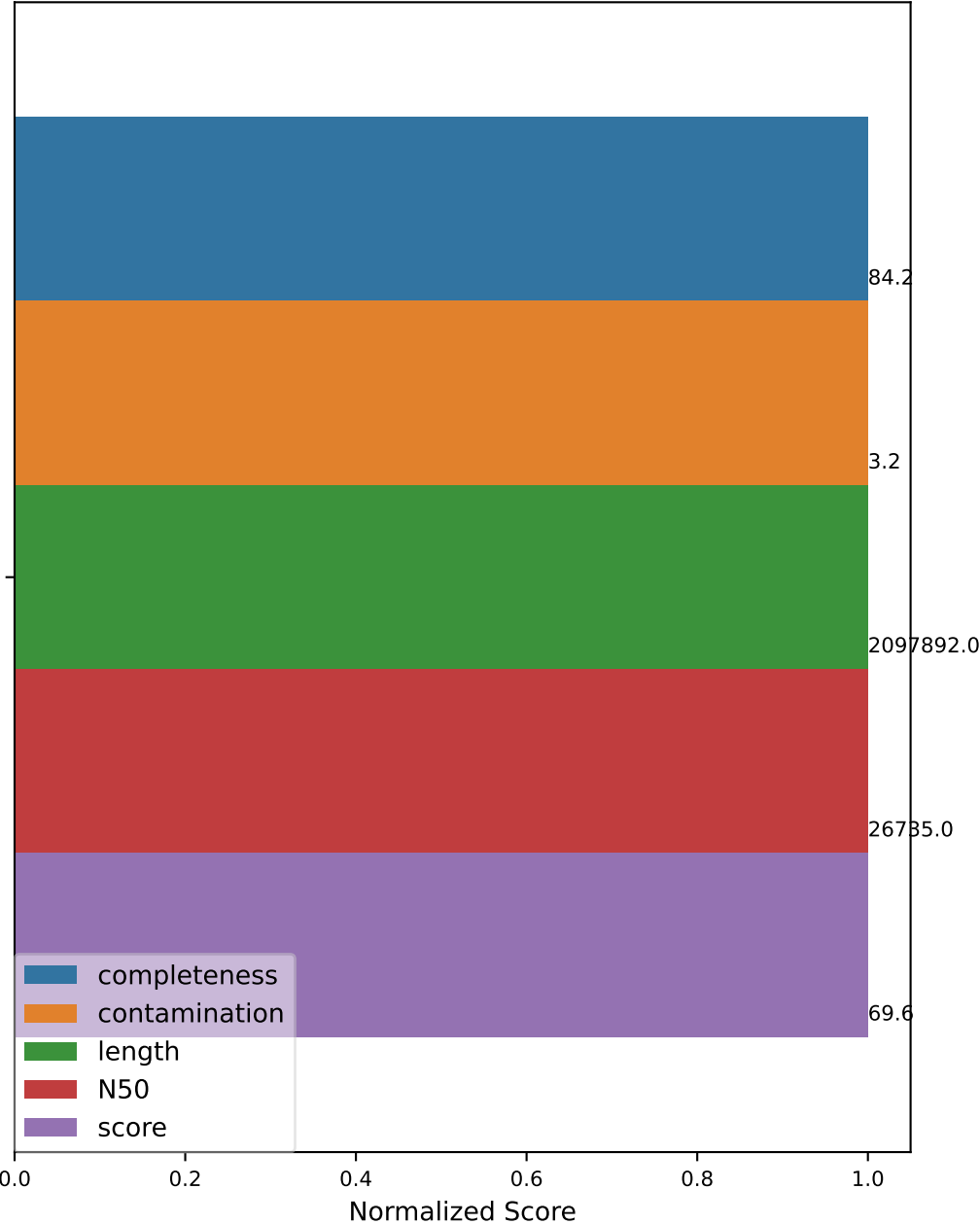
Scoring of cluster 558\_0



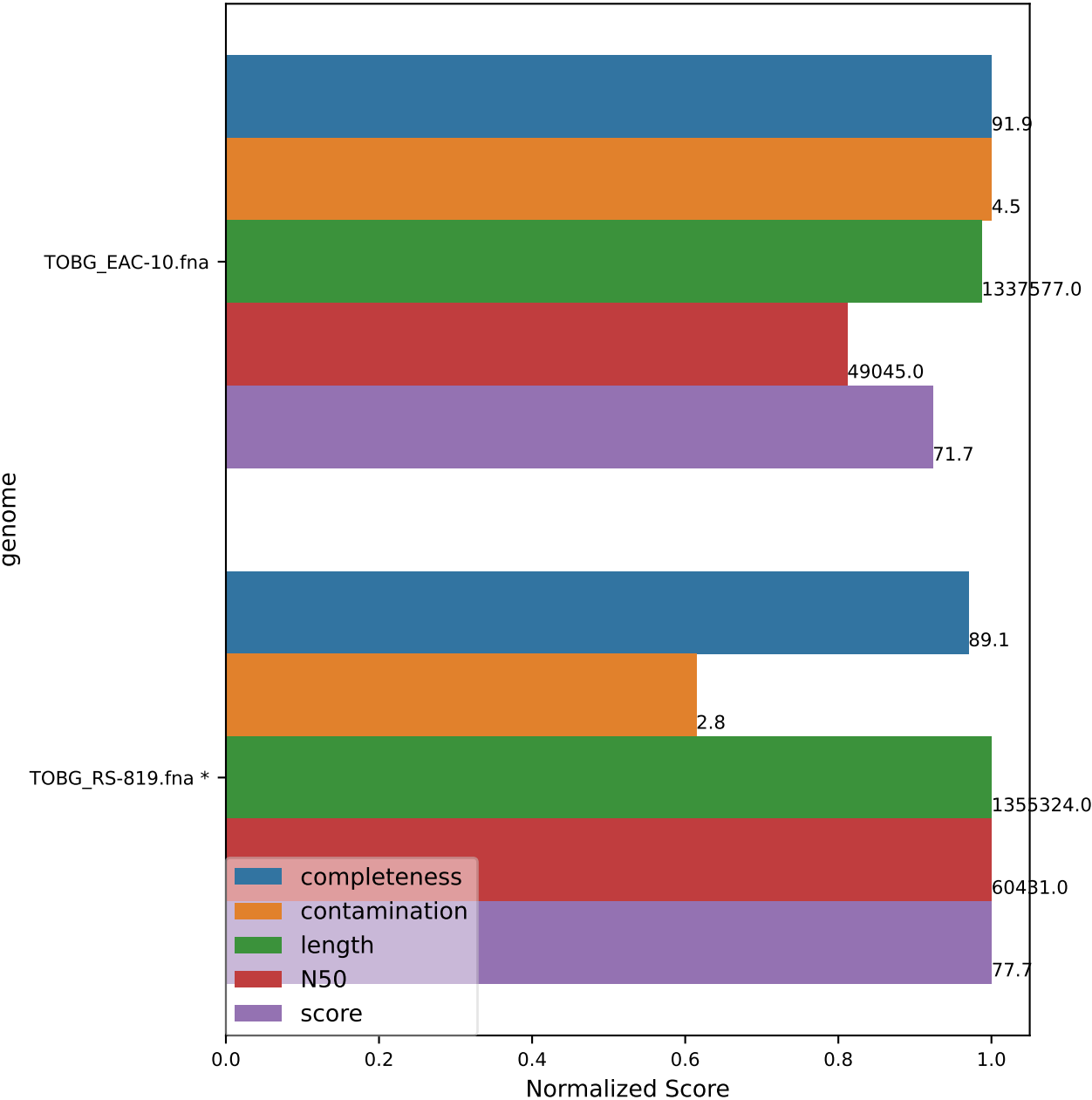
Scoring of cluster 559\_0

genome

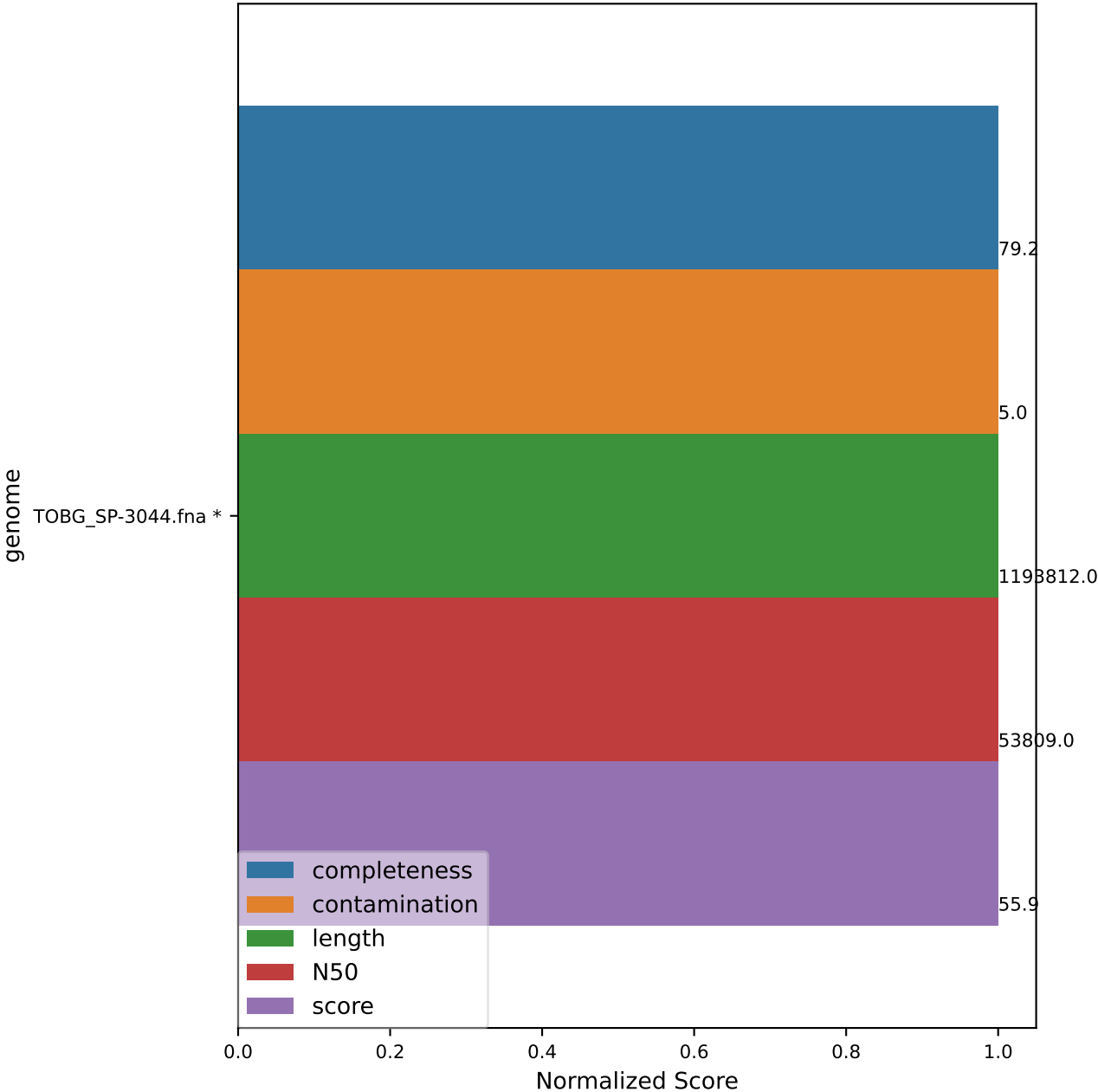
TOBG\_RS-371.fna \*

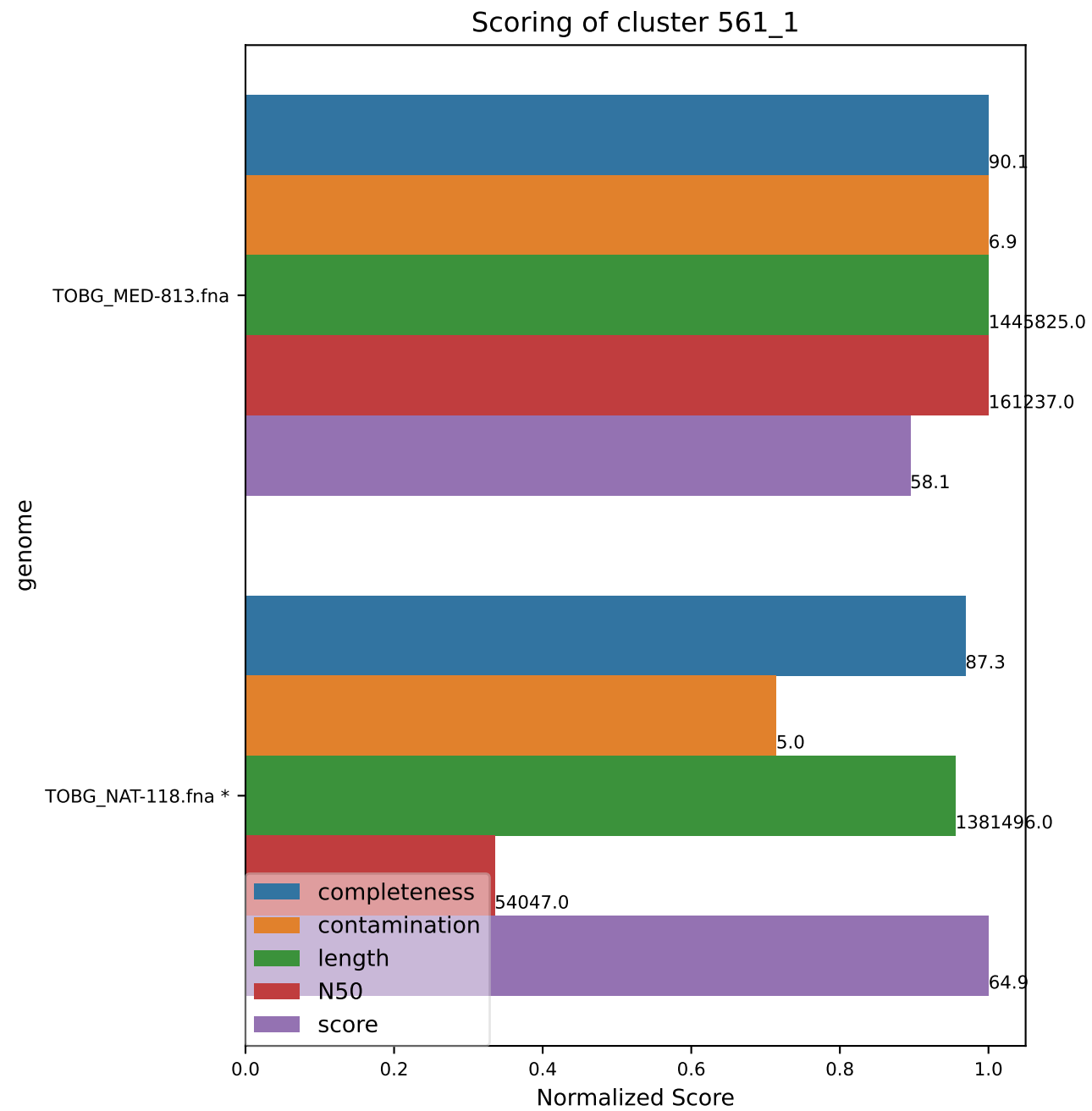


Scoring of cluster 560\_1

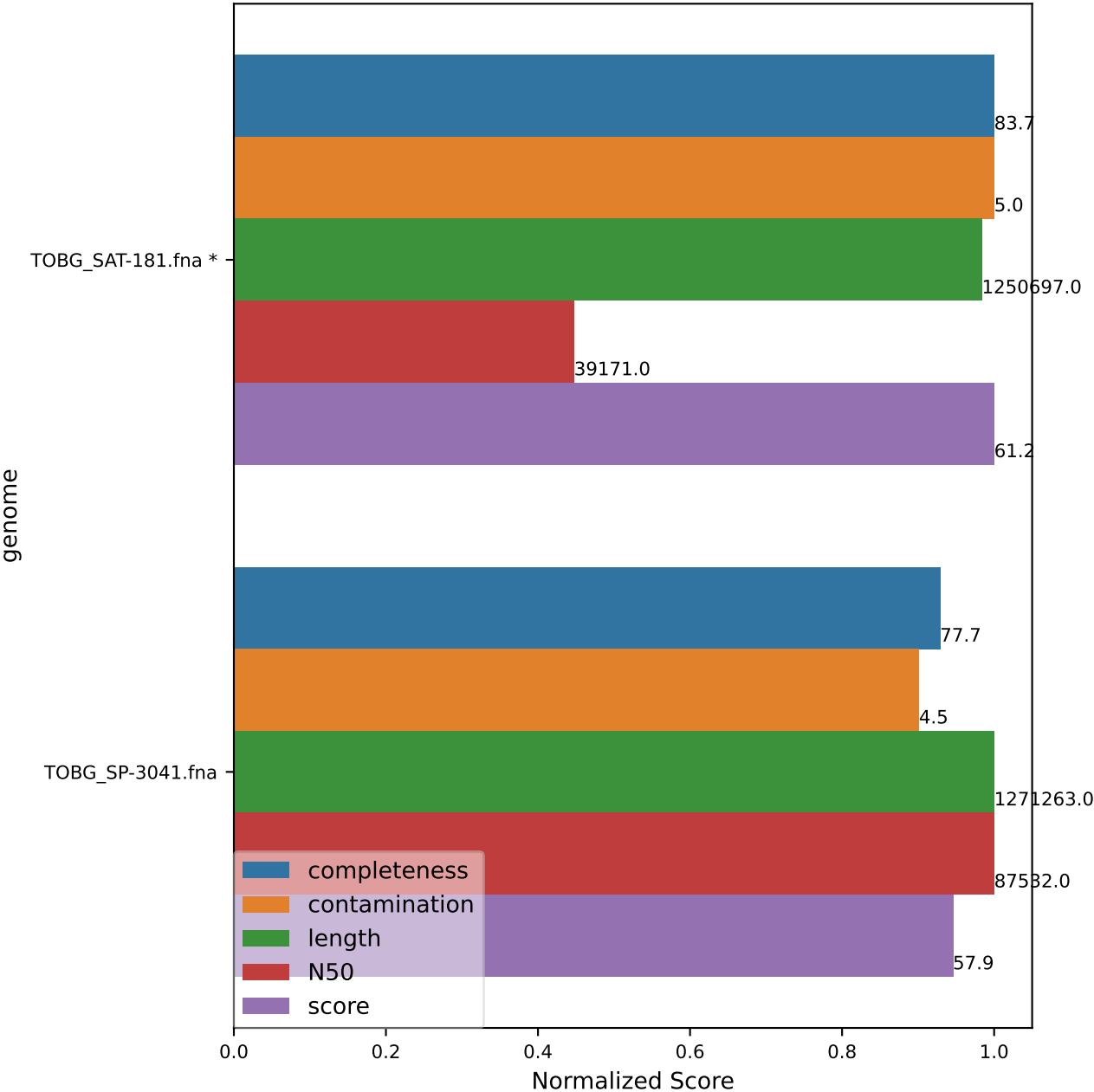


Scoring of cluster 560\_2

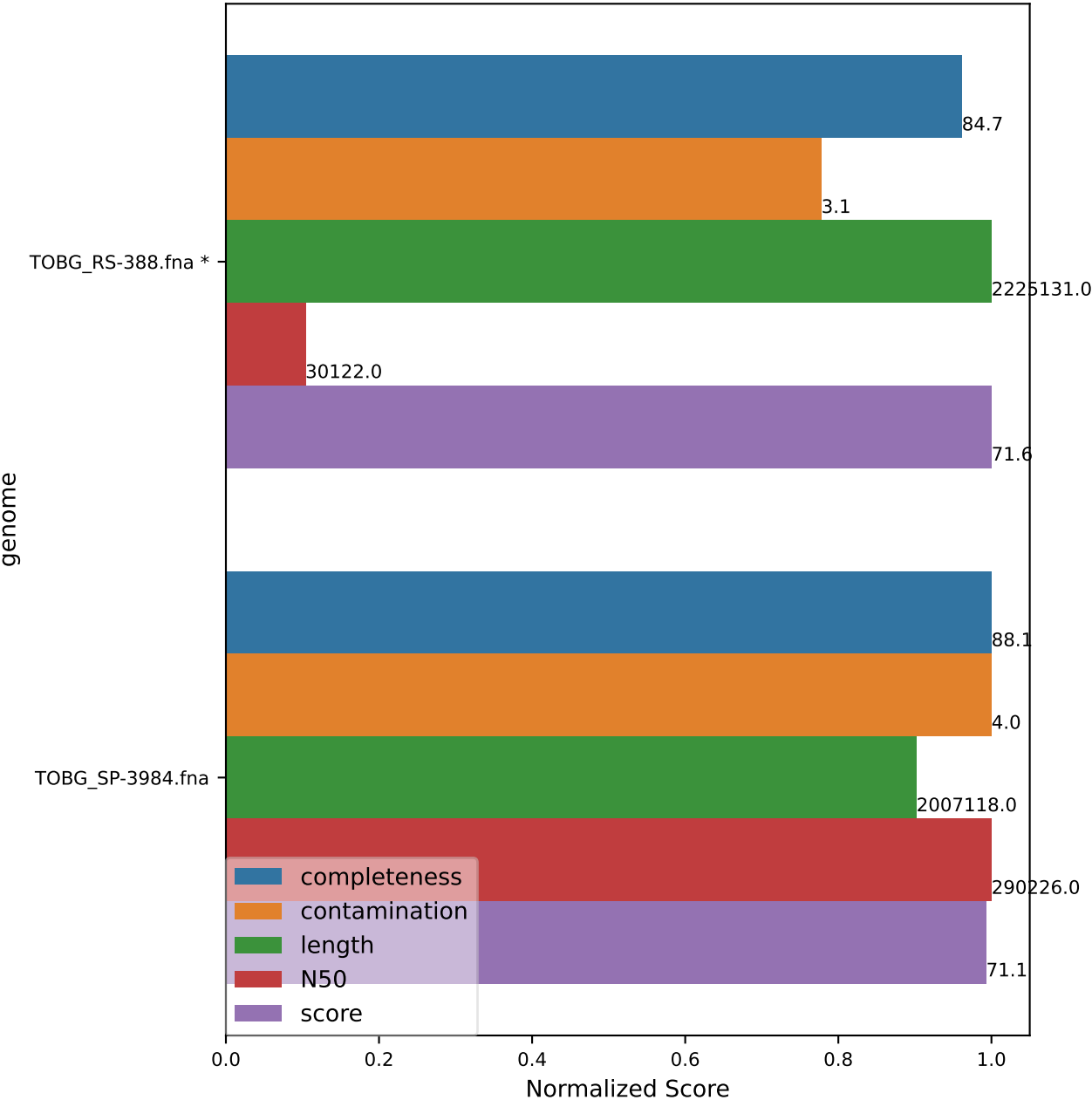




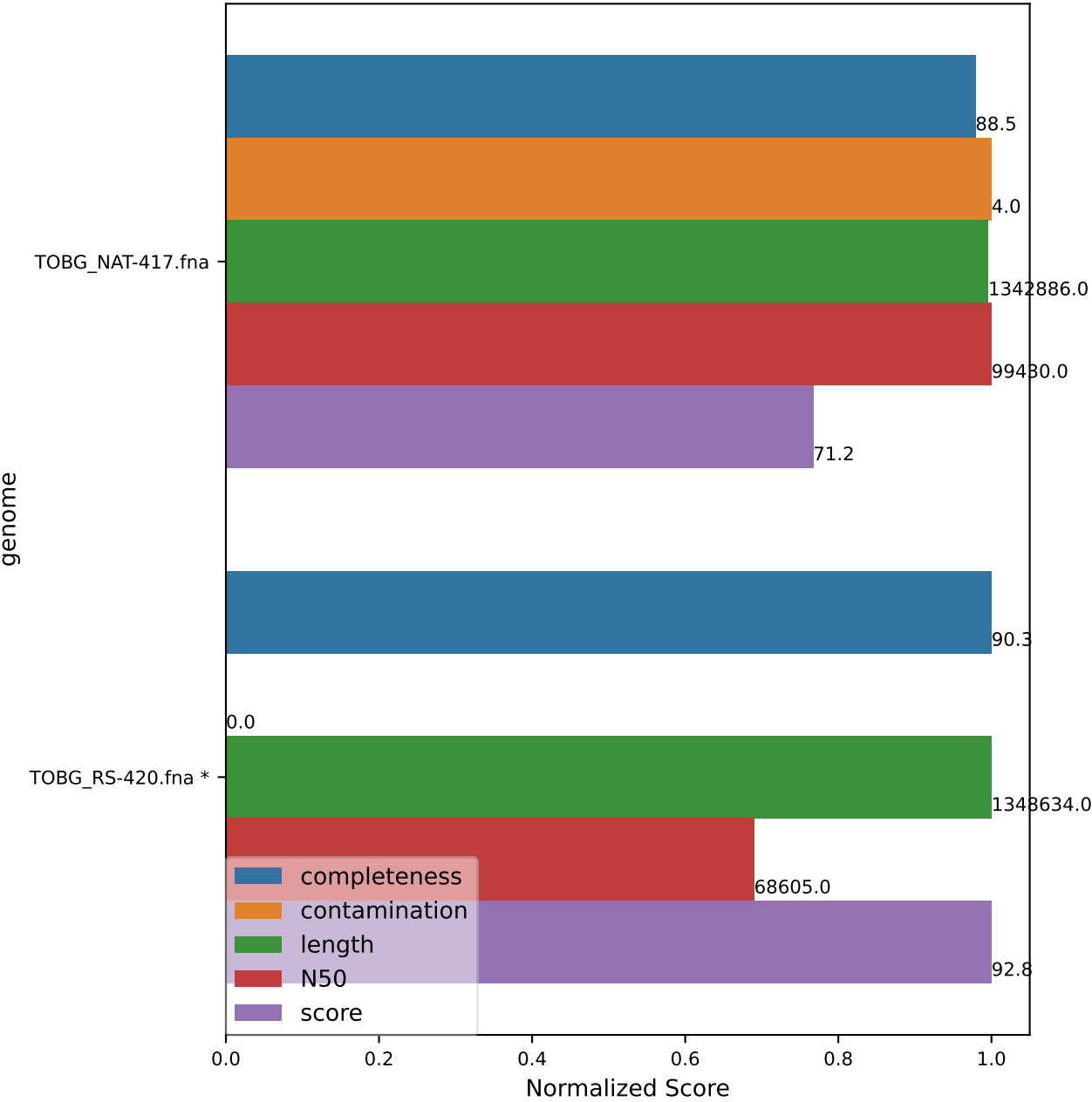
Scoring of cluster 562\_1



Scoring of cluster 563\_1



Scoring of cluster 564\_1

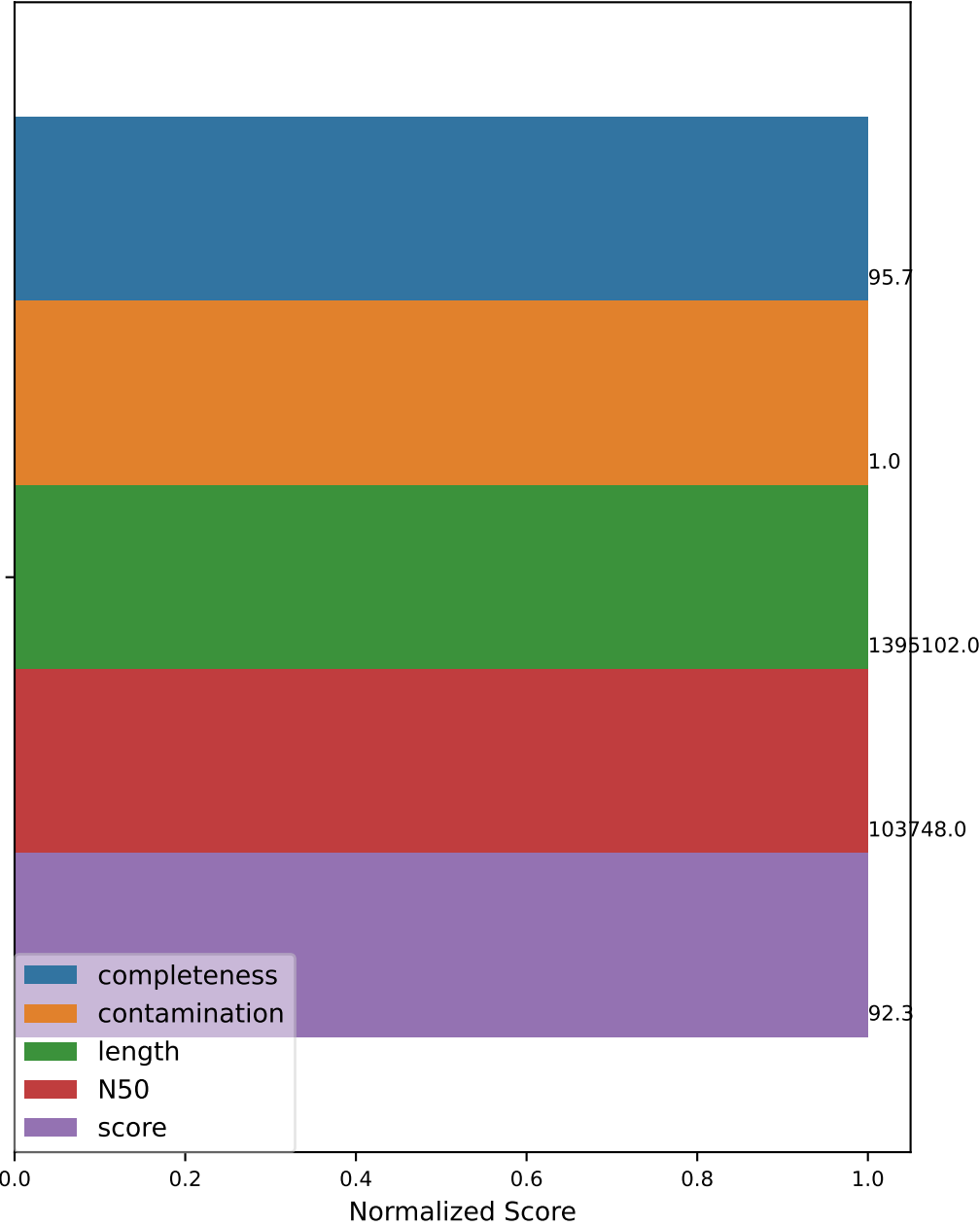




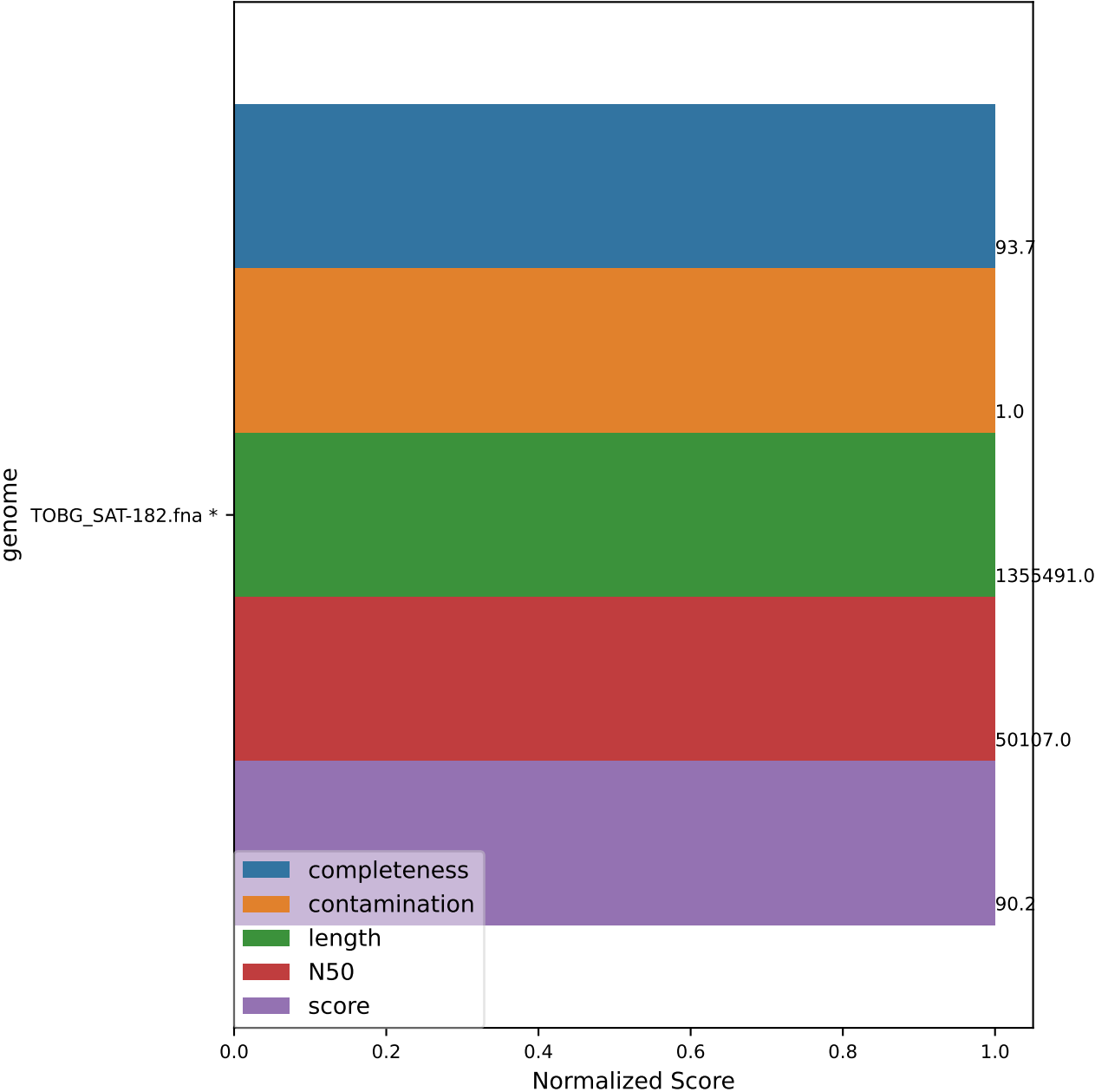
Scoring of cluster 564\_2

genome

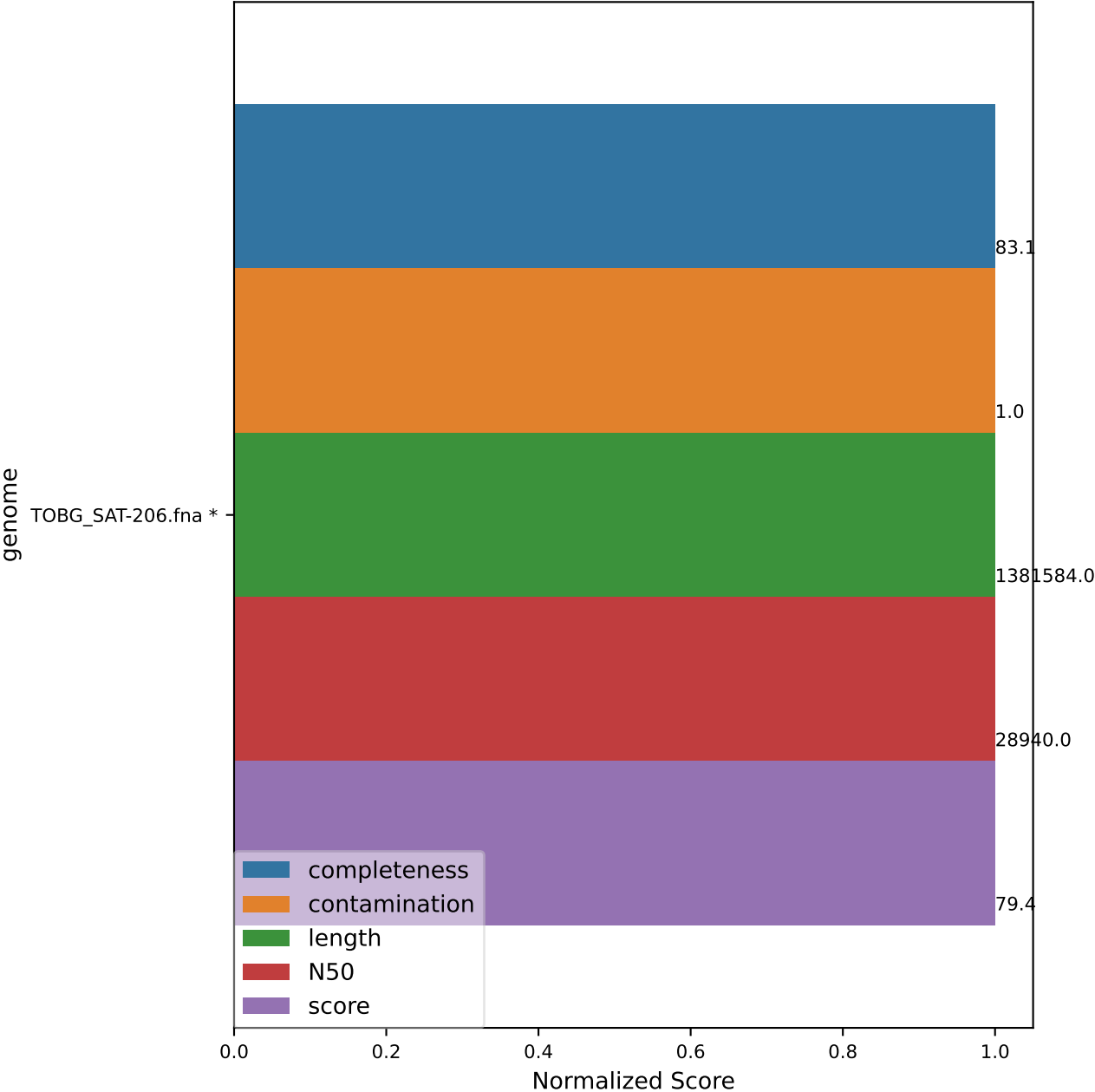
TOBG\_SAT-13.fna \*



Scoring of cluster 565\_0



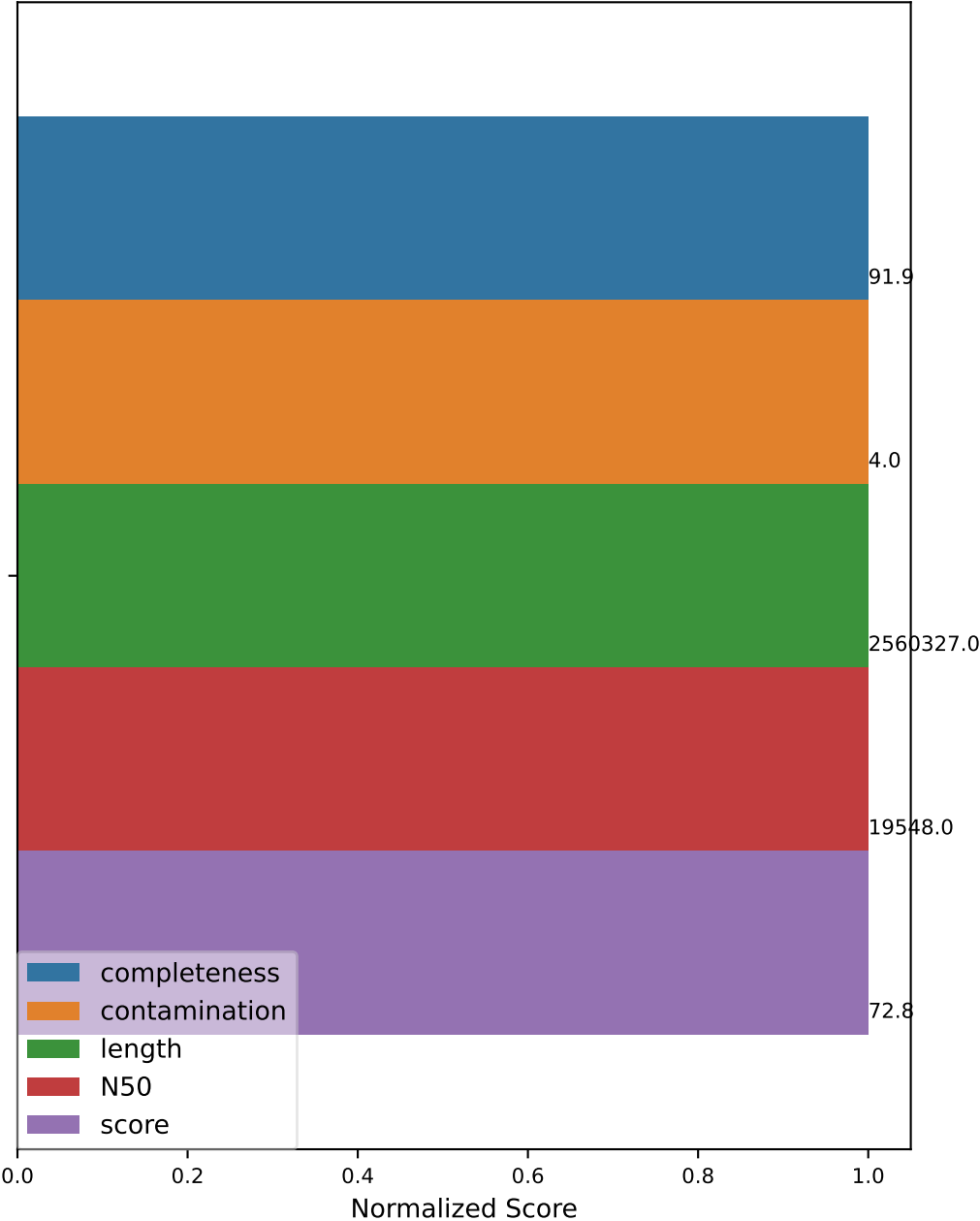
Scoring of cluster 566\_0



Scoring of cluster 567\_0

genome

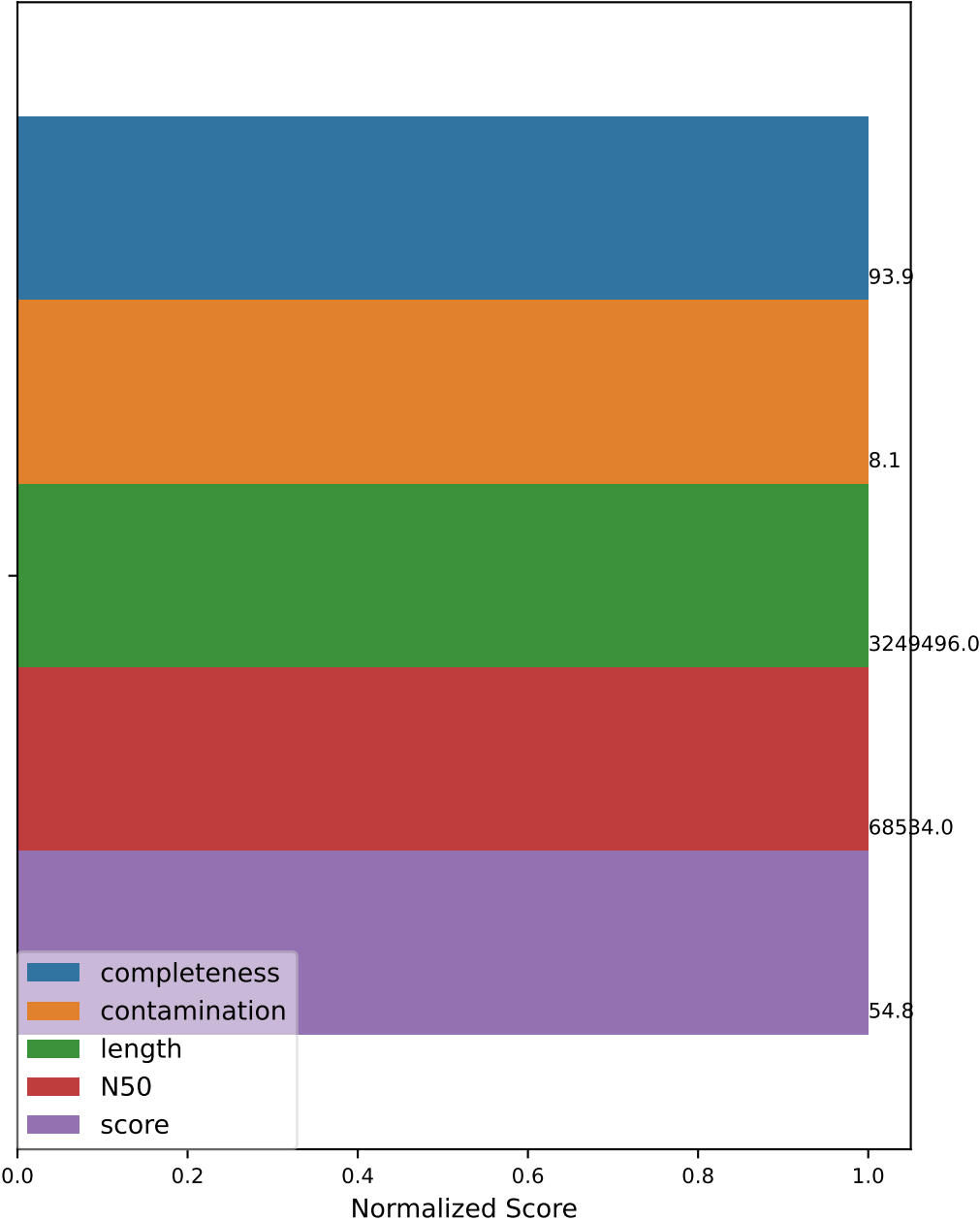
TOBG\_MED-590.fna \*



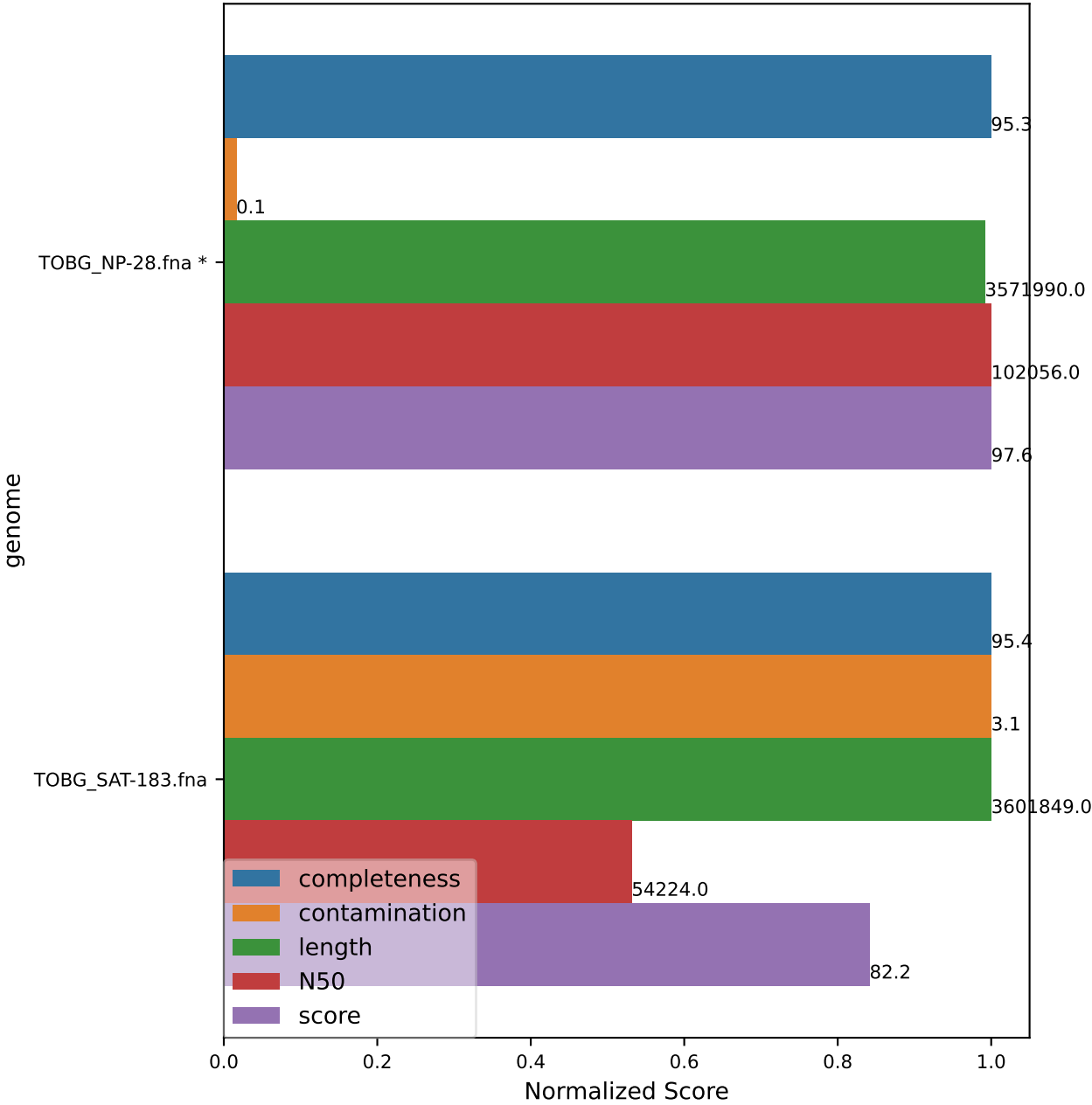
Scoring of cluster 568\_0

genome

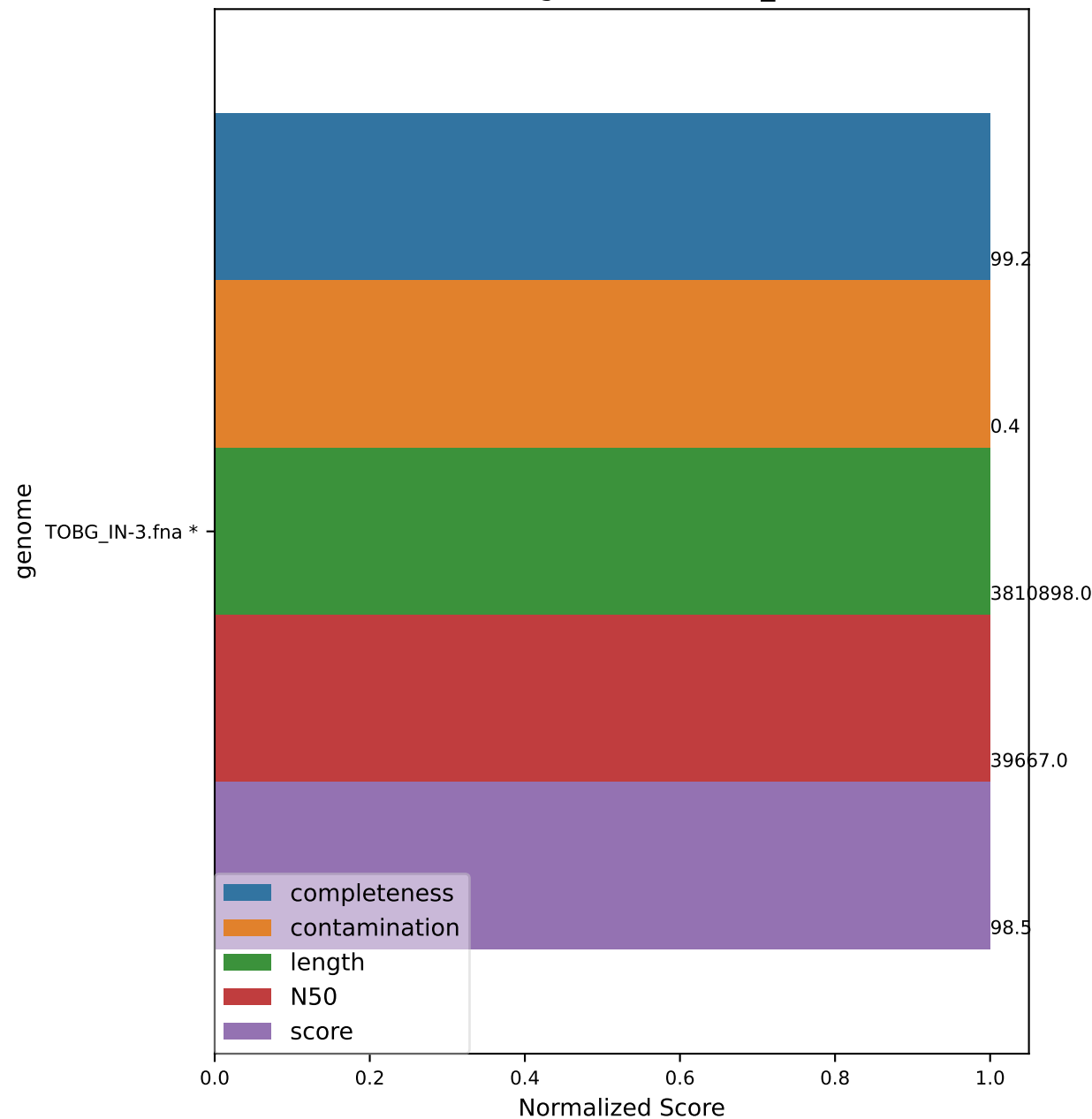
TOBG\_SP-4023.fna \*



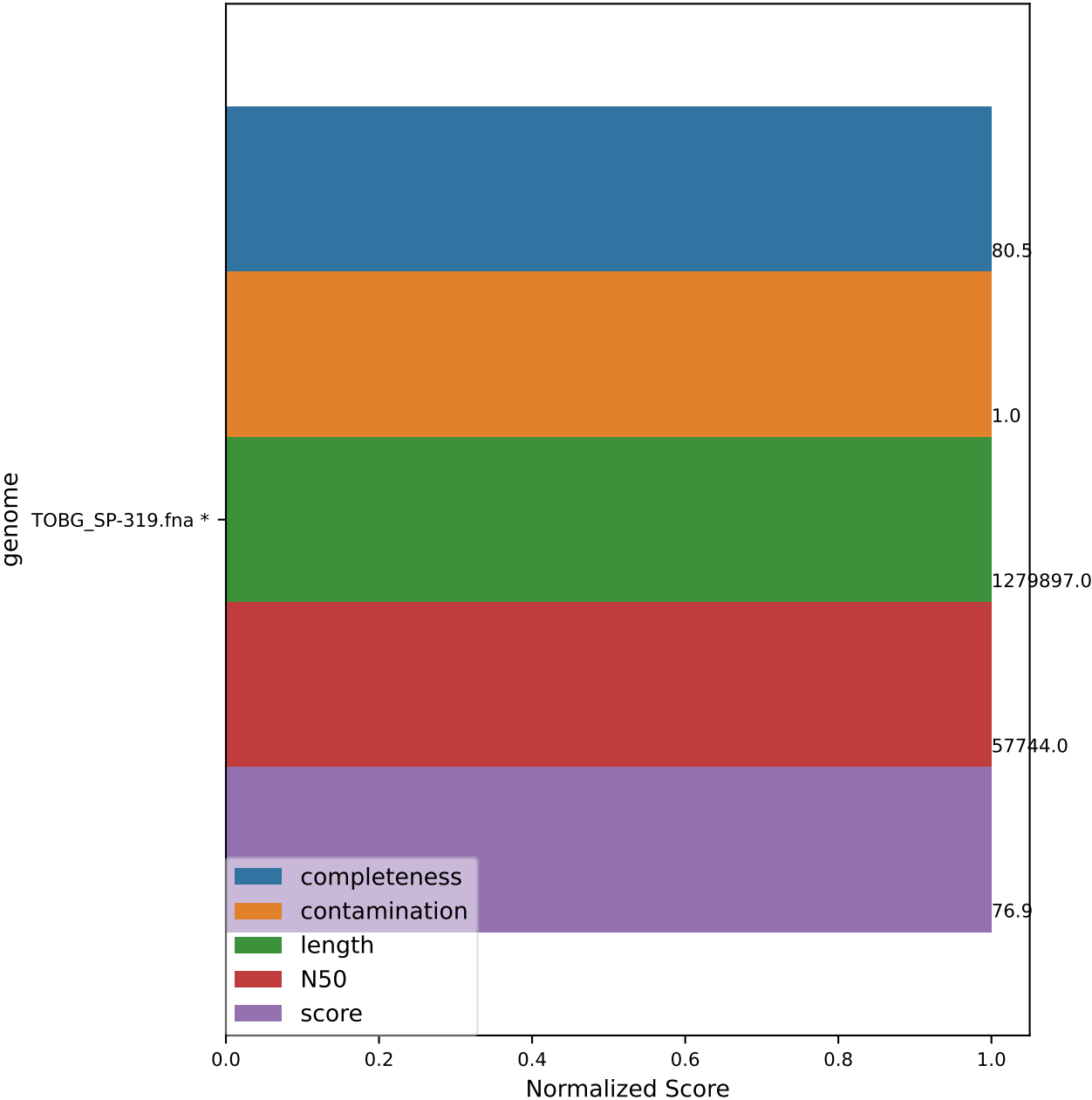
Scoring of cluster 569\_1



Scoring of cluster 570\_0



Scoring of cluster 571\_0

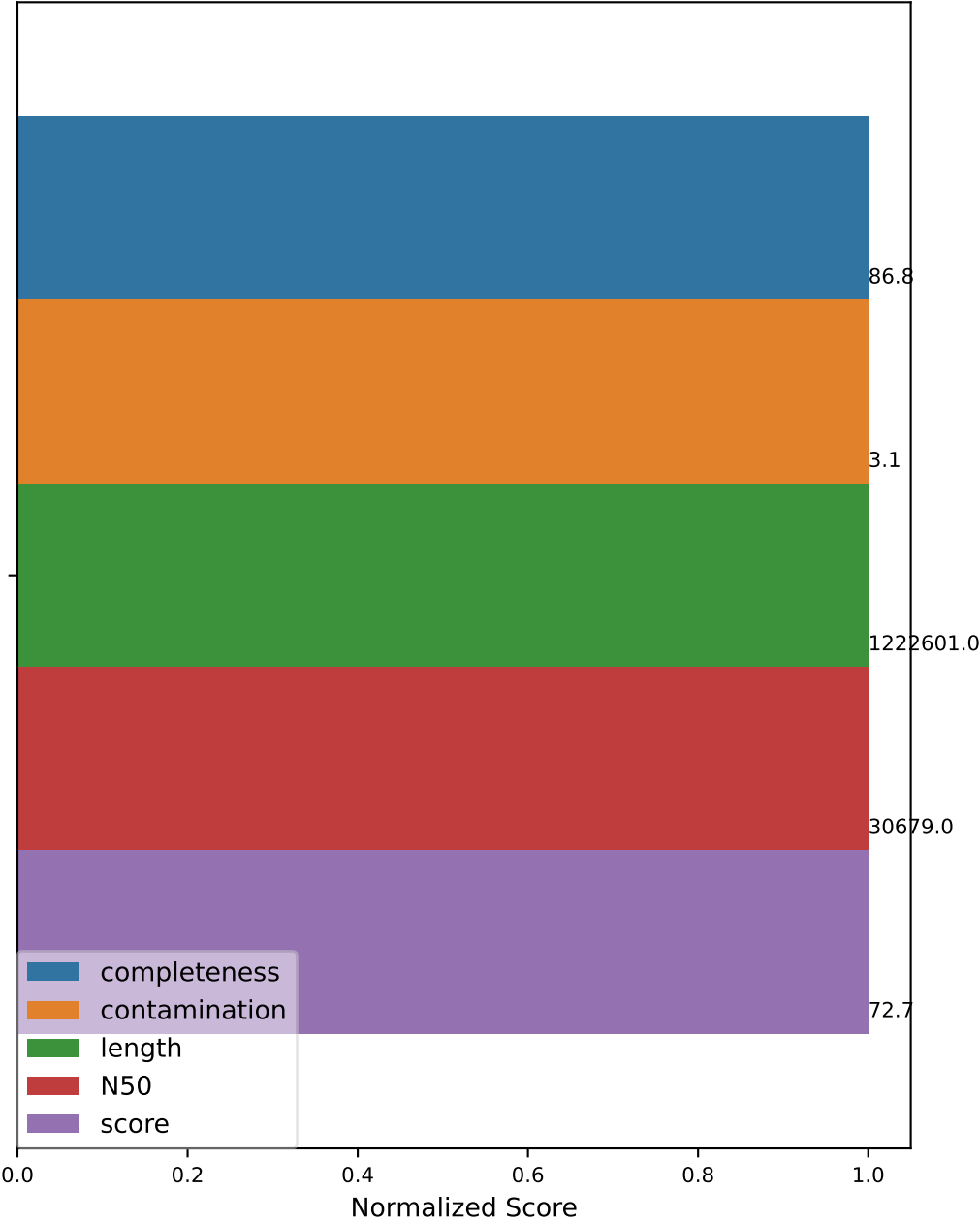




Scoring of cluster 572\_0

genome

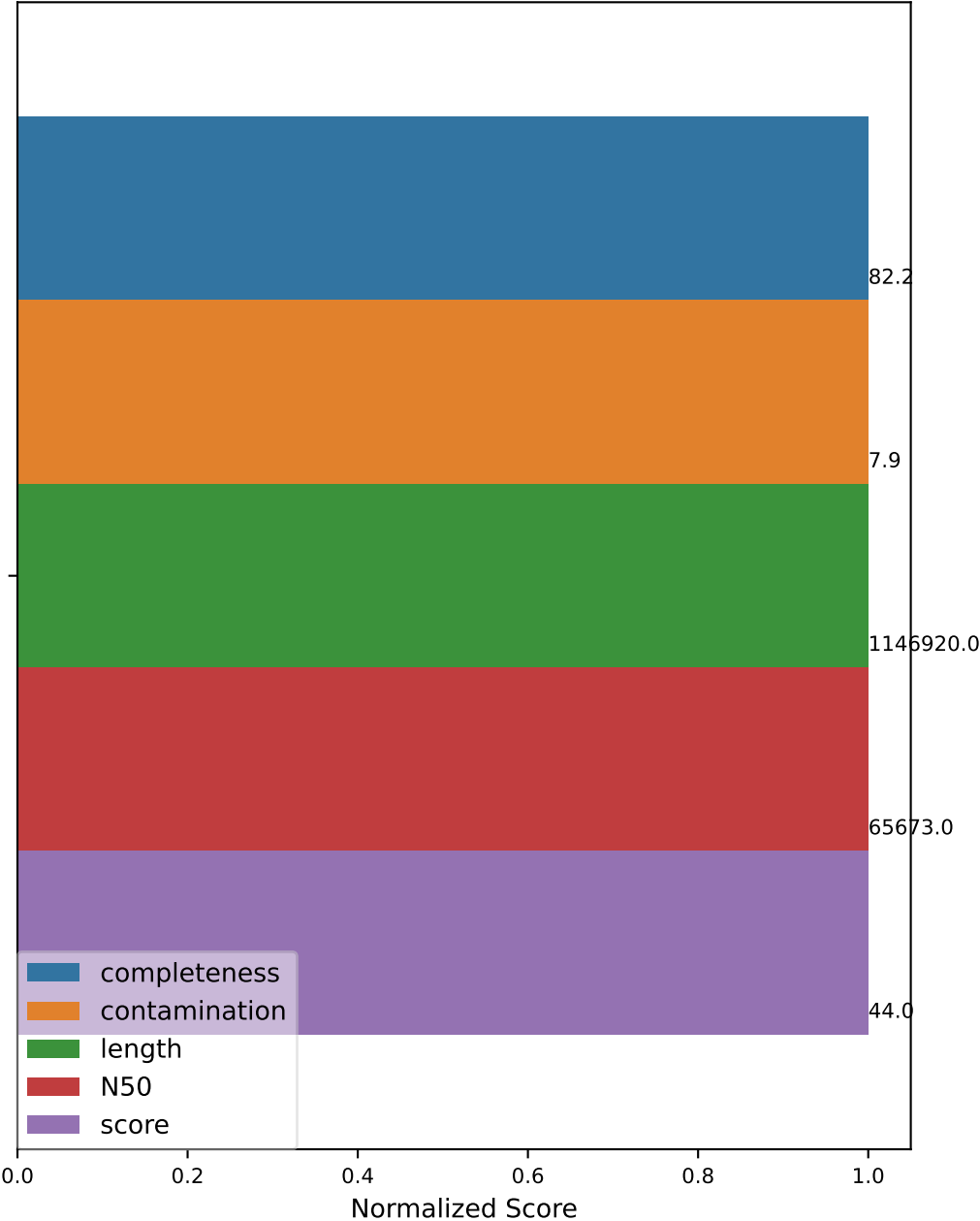
TOBG\_NAT-172.fna \*



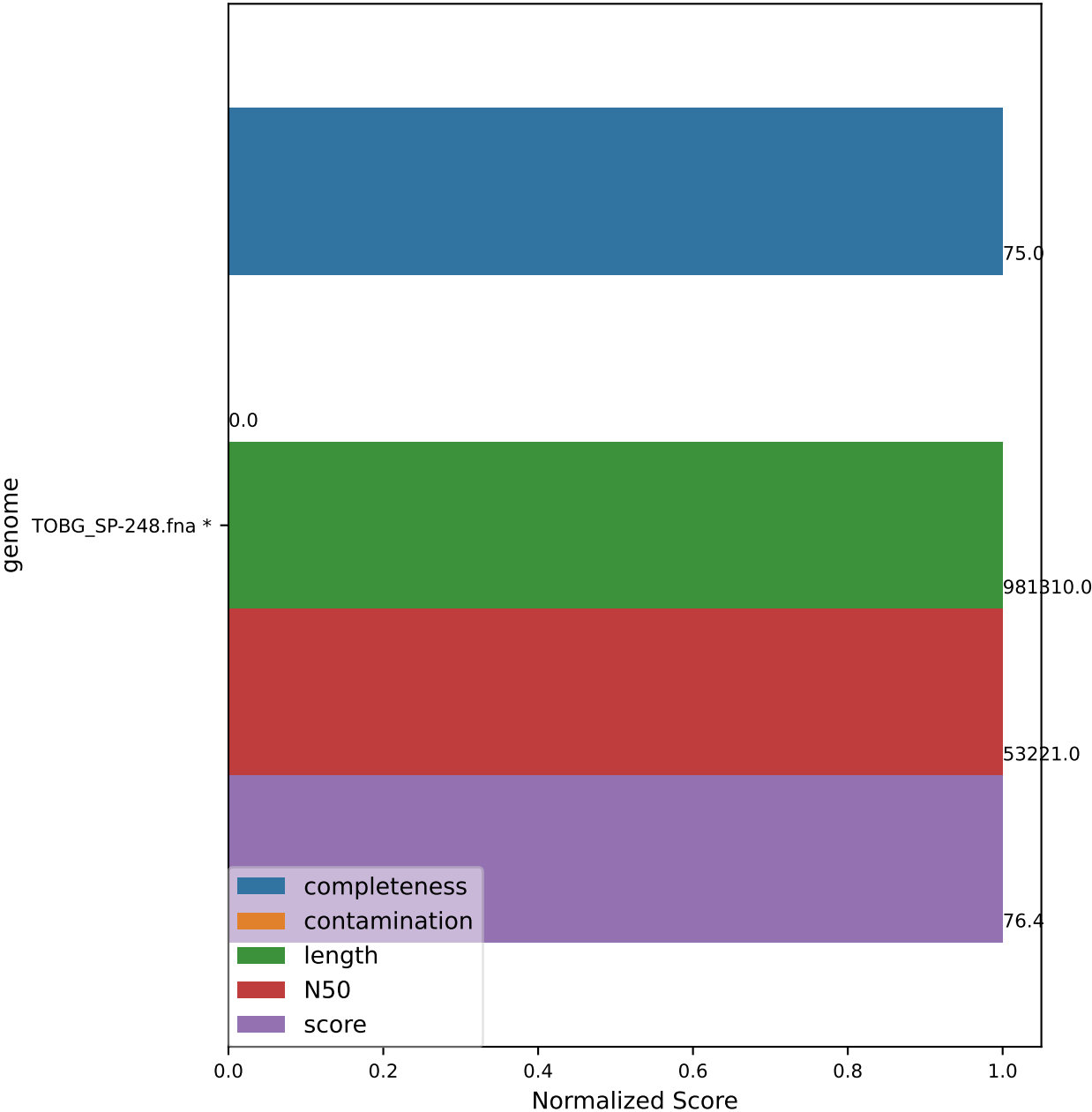
Scoring of cluster 573\_0

genome

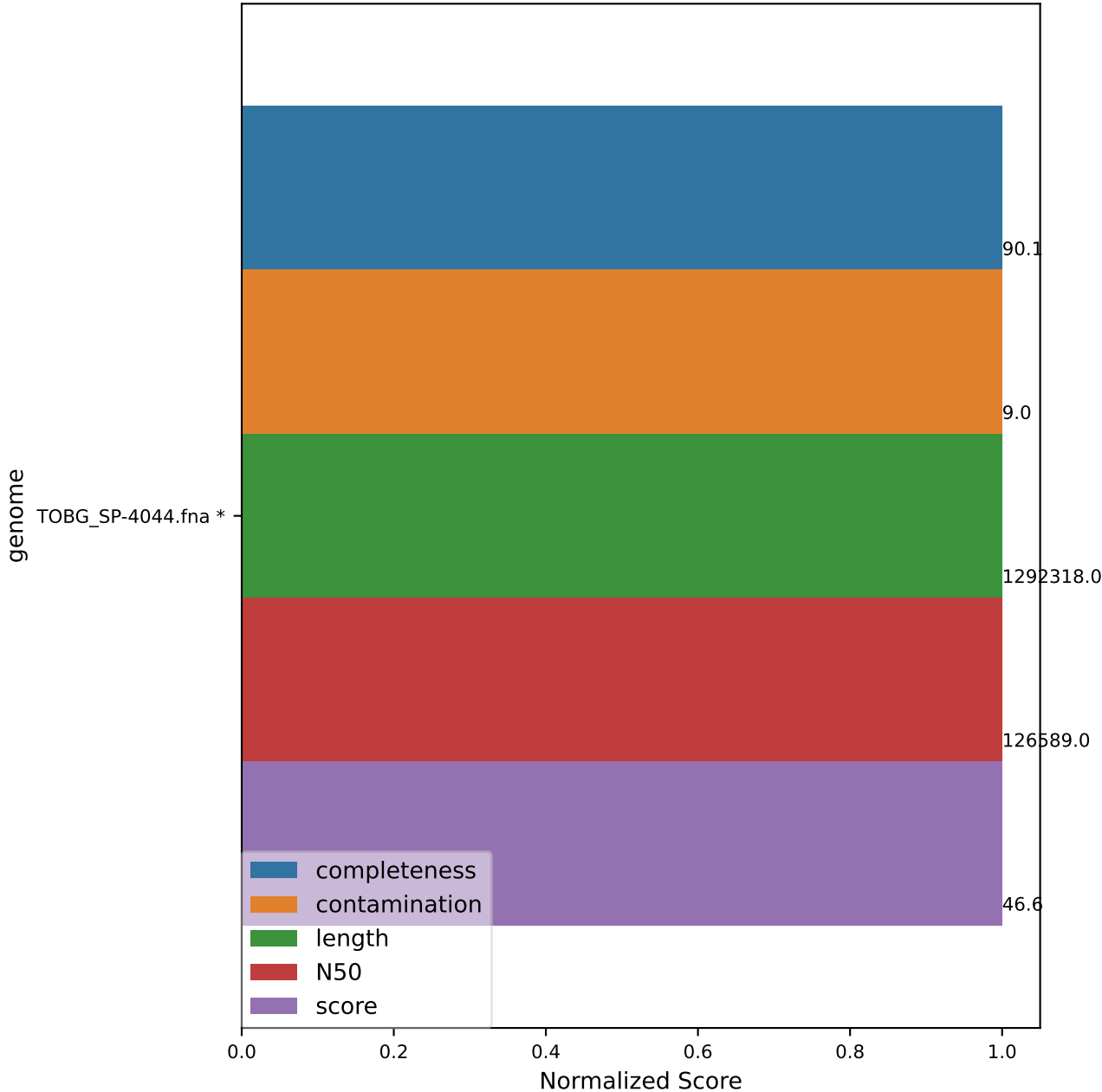
TOBG\_SP-2972.fna \*



Scoring of cluster 574\_1



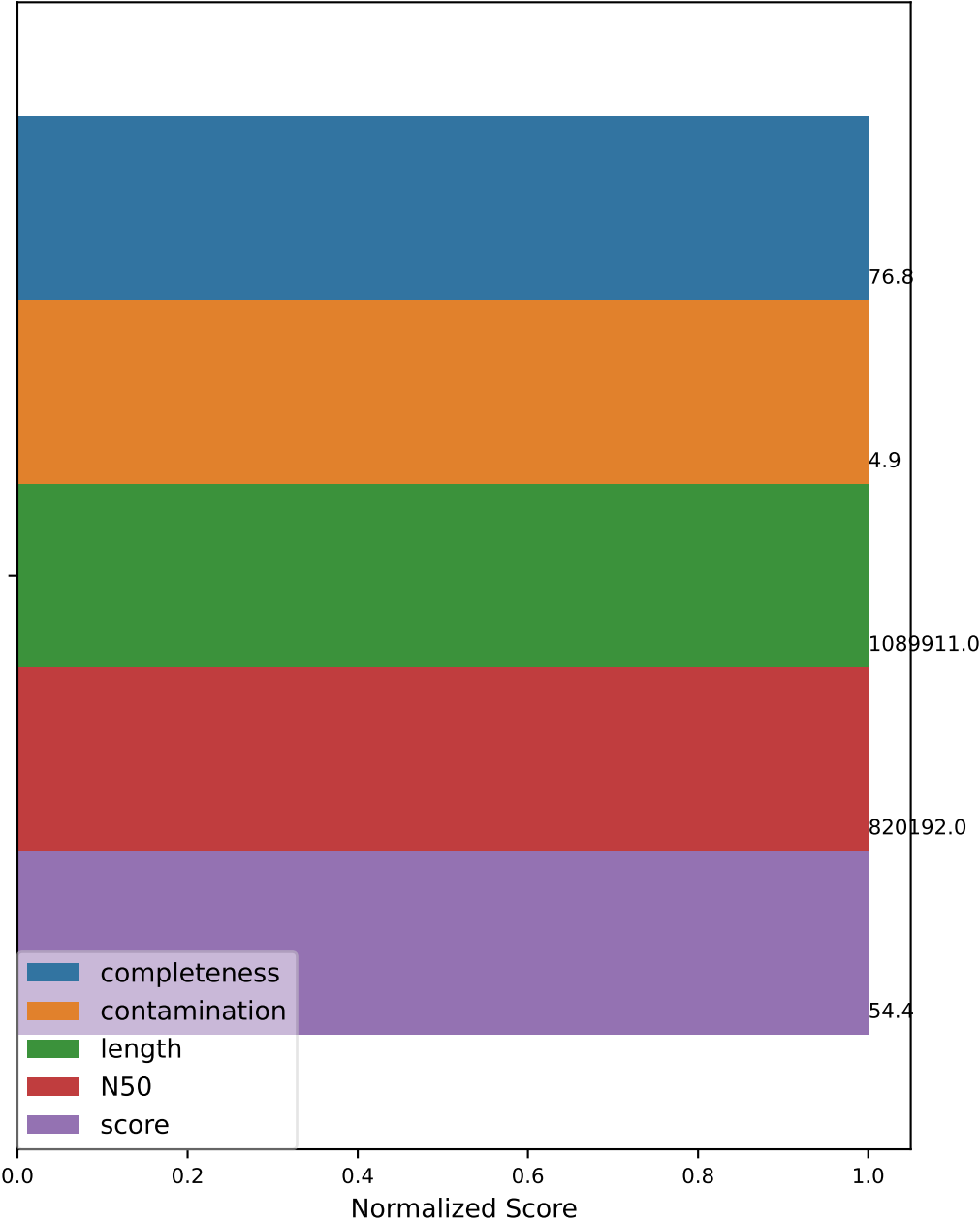
Scoring of cluster 574\_2



Scoring of cluster 575\_0

genome

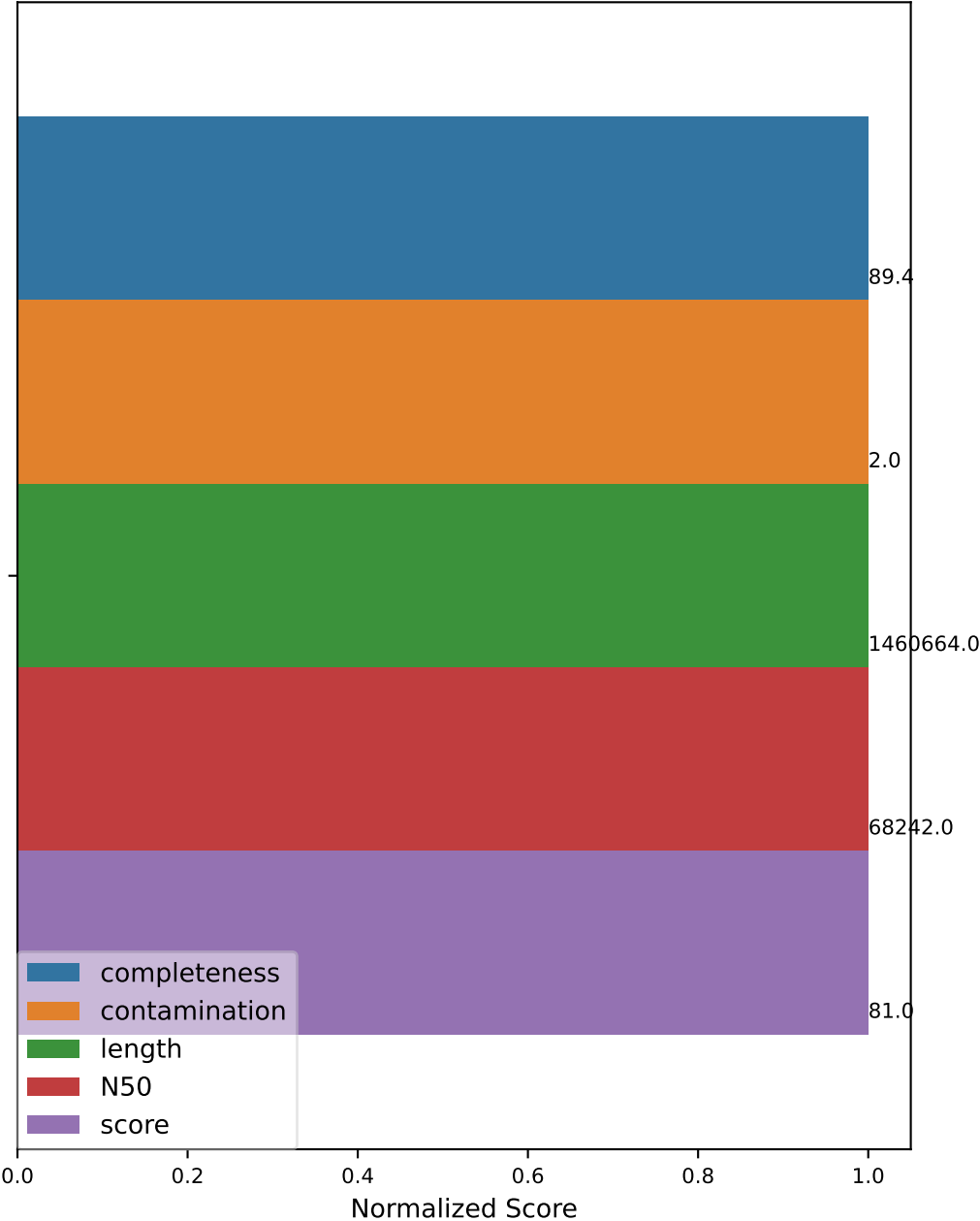
TOBG\_SP-4045.fna \*



Scoring of cluster 576\_0

genome

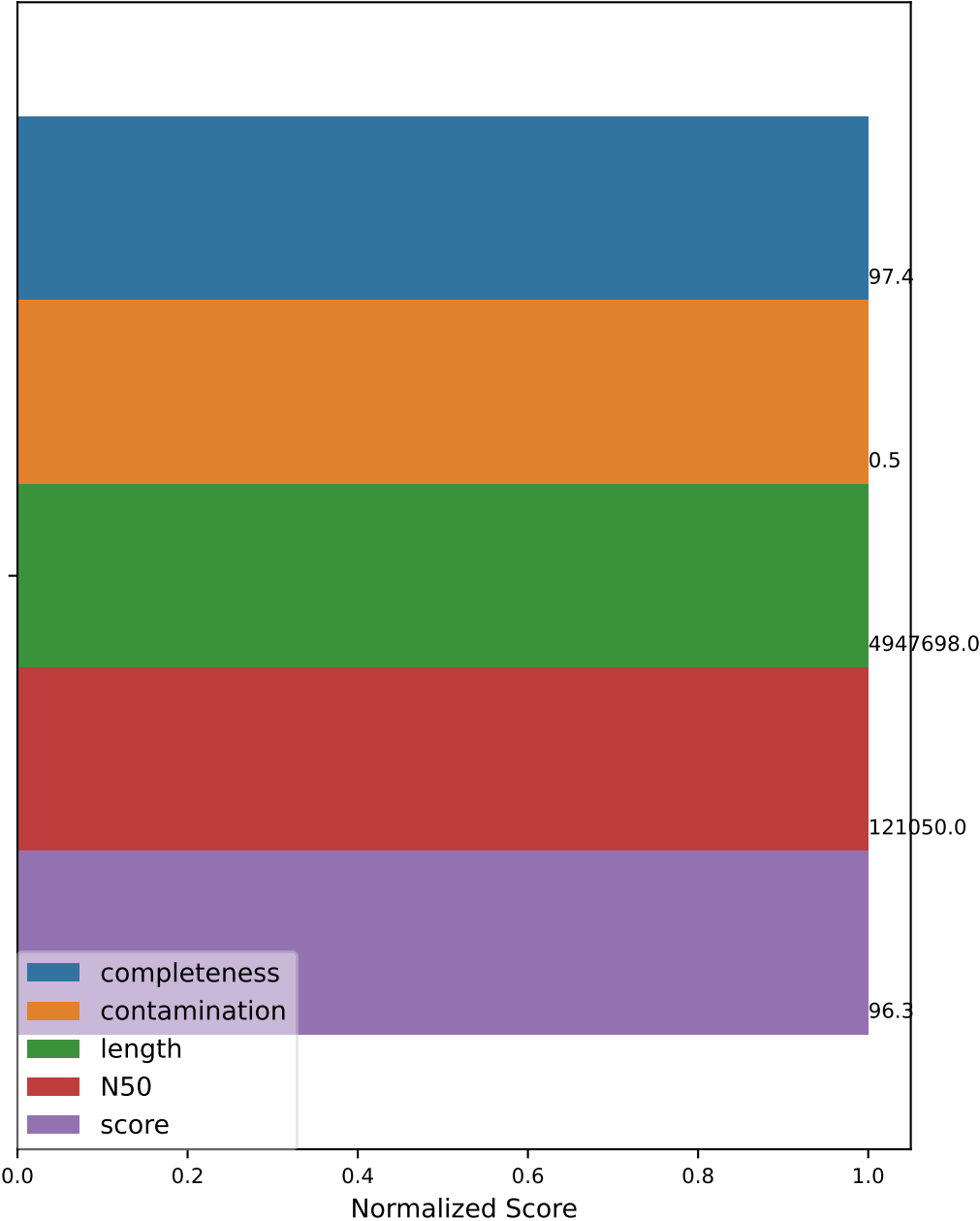
TOBG\_SP-257.fna \*



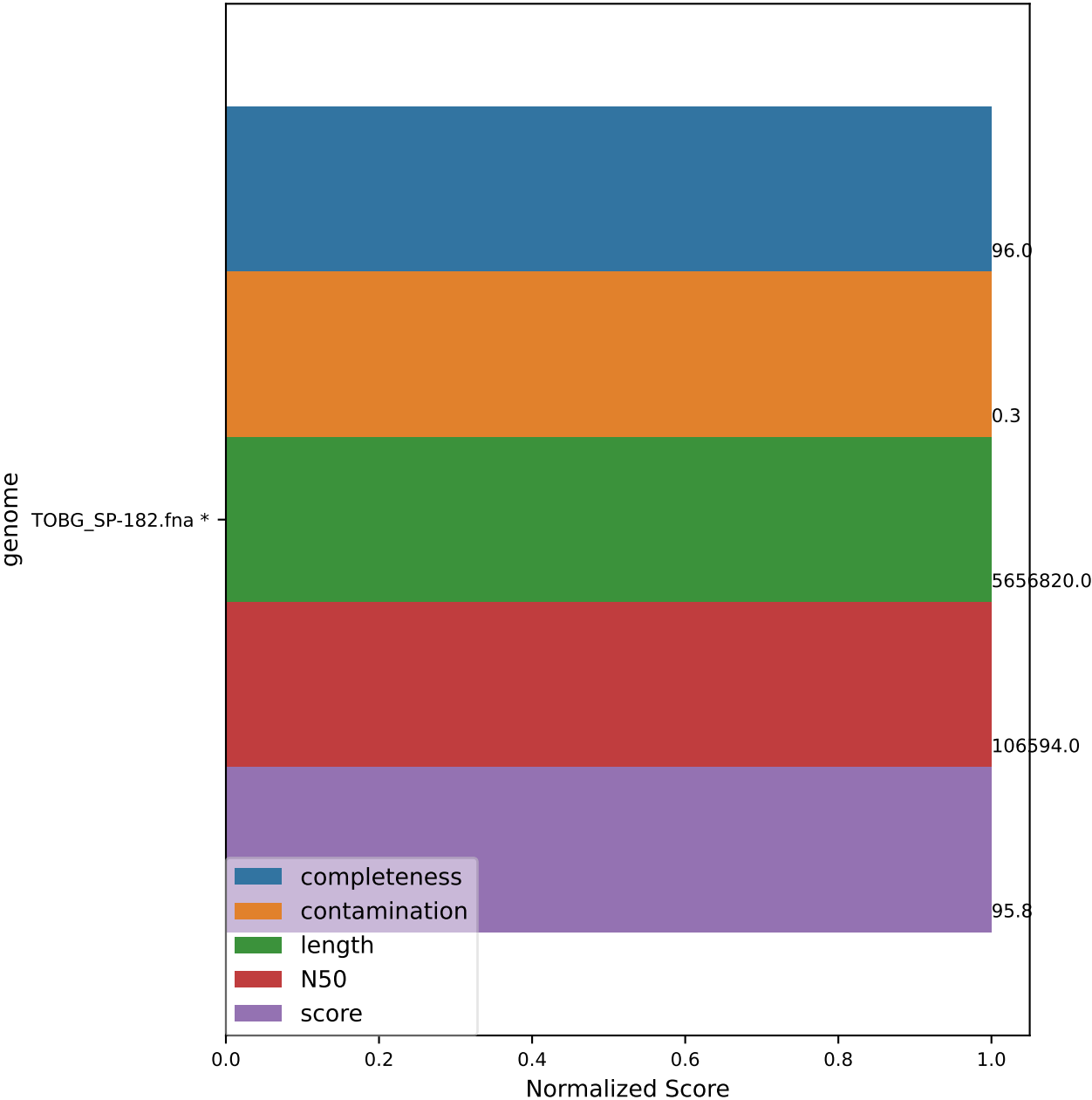
Scoring of cluster 577\_0

genome

TOBG\_CPC-17.fna \*

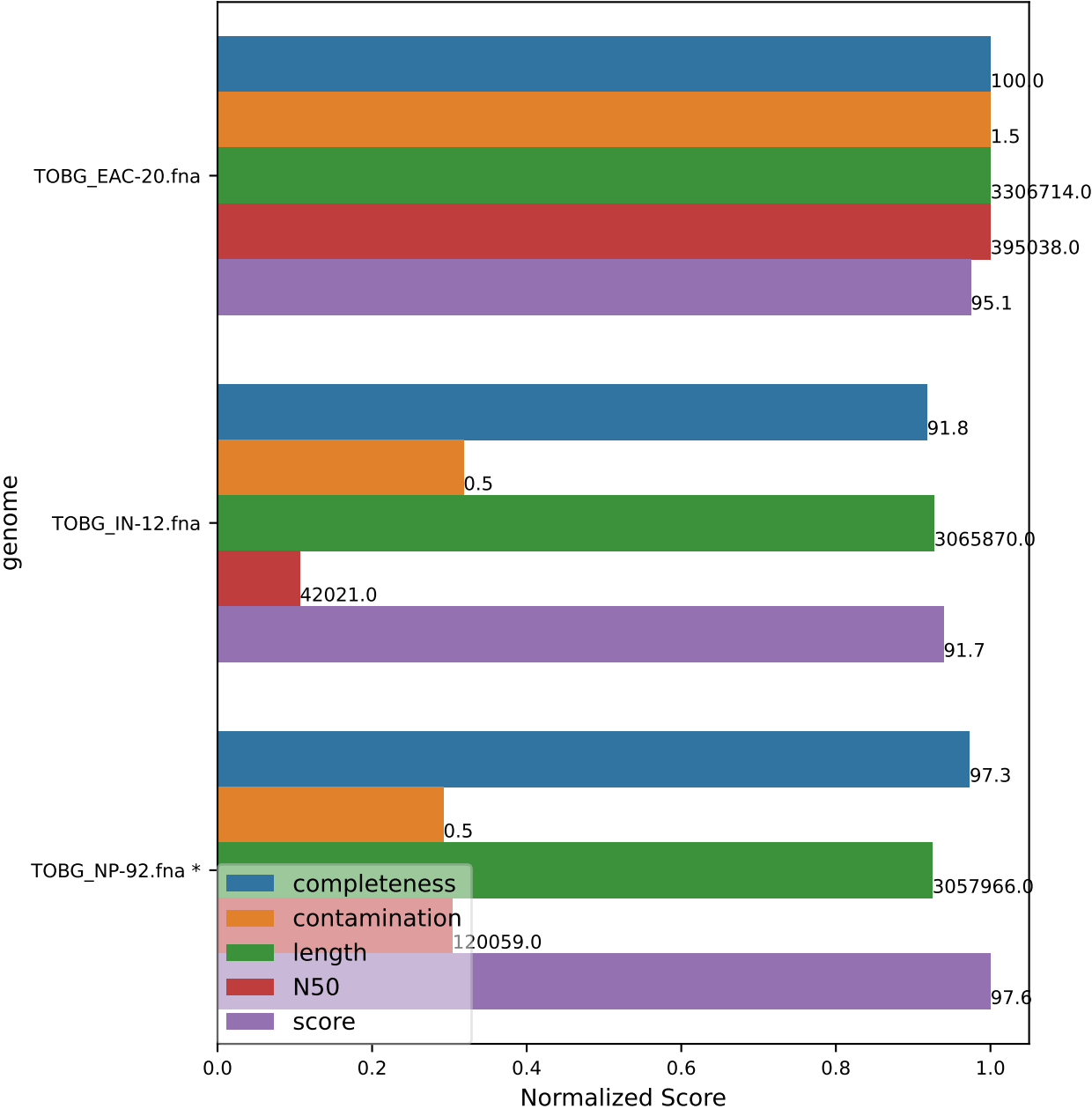


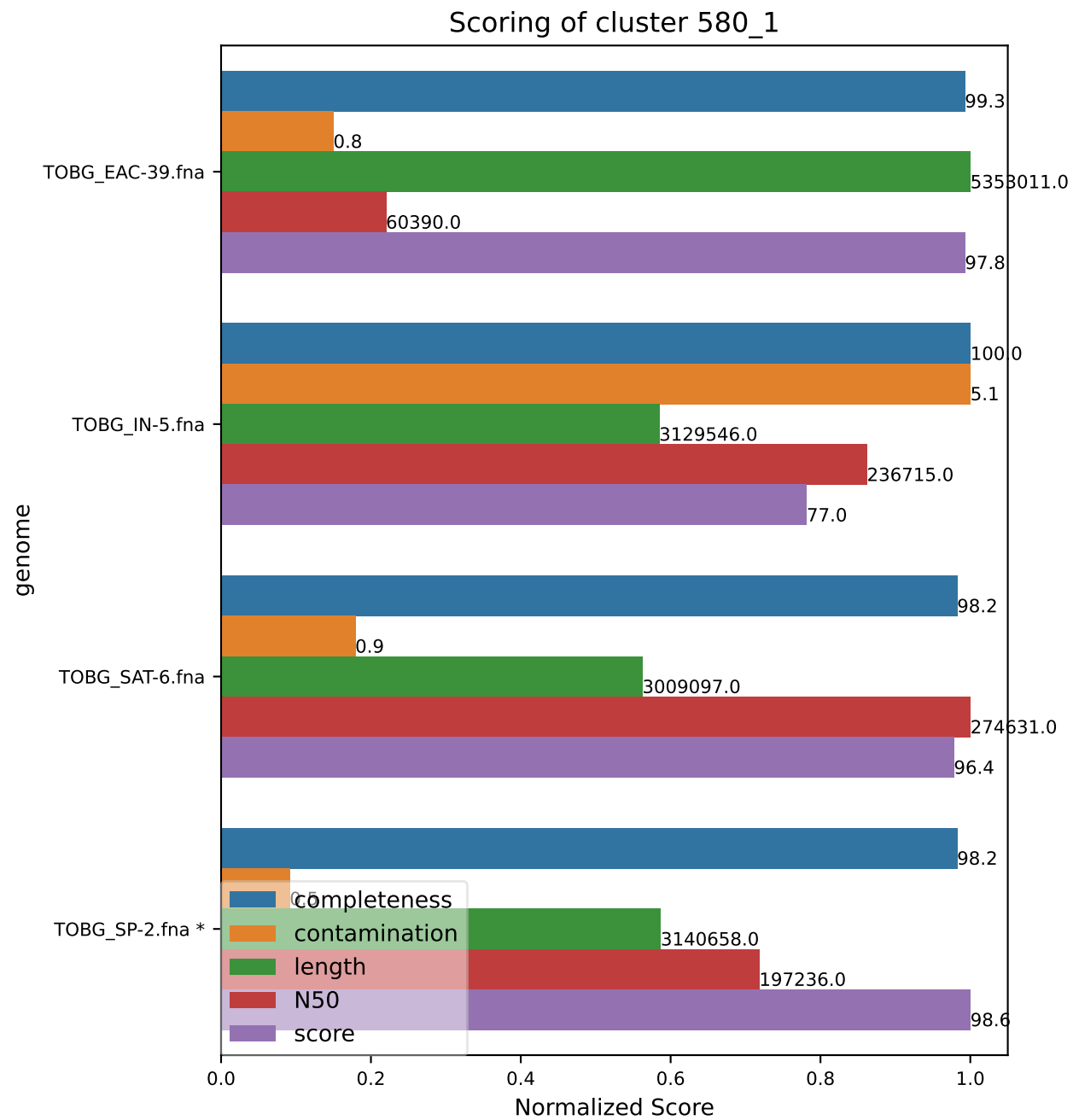
Scoring of cluster 578\_0



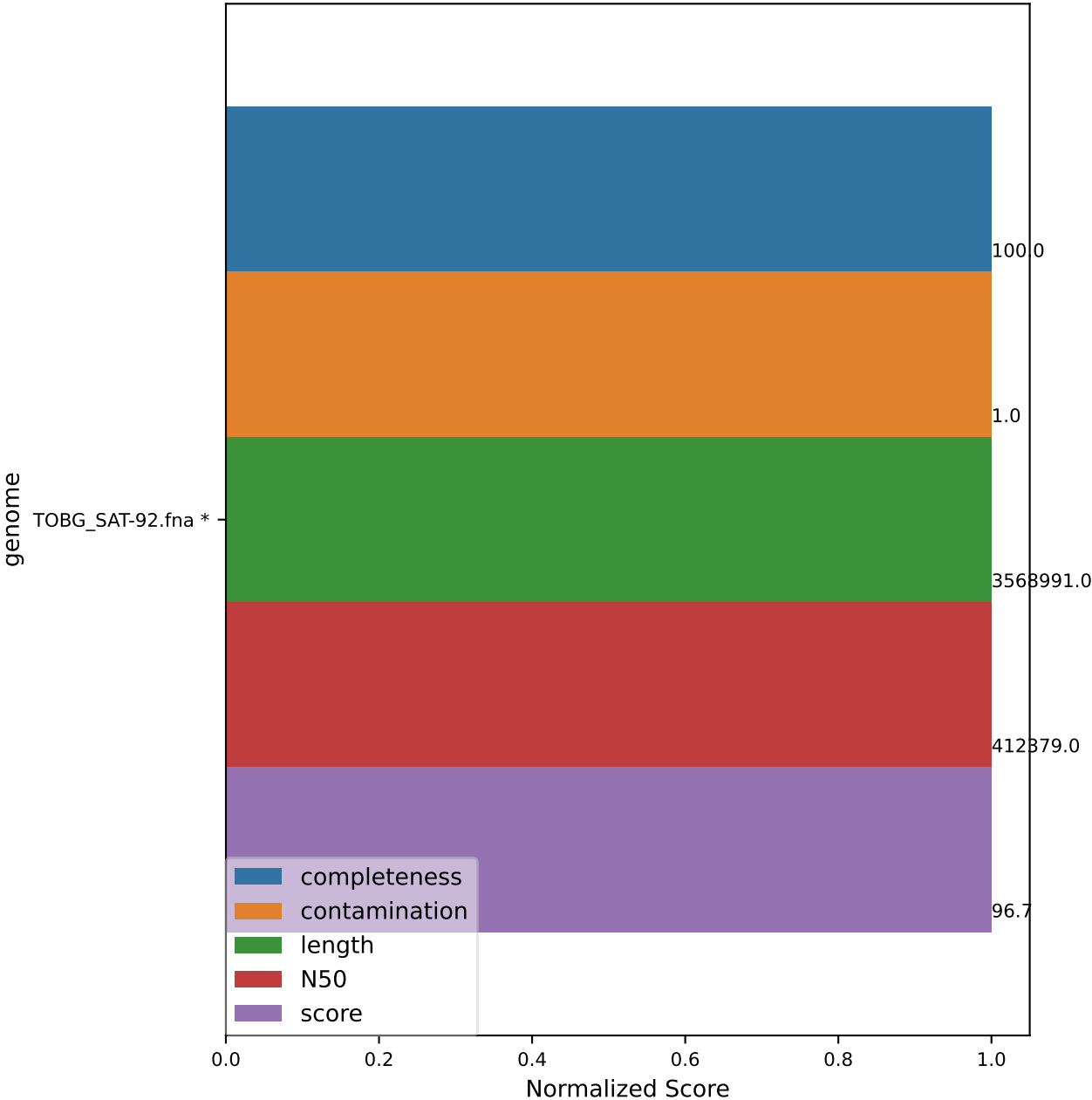


Scoring of cluster 579\_1

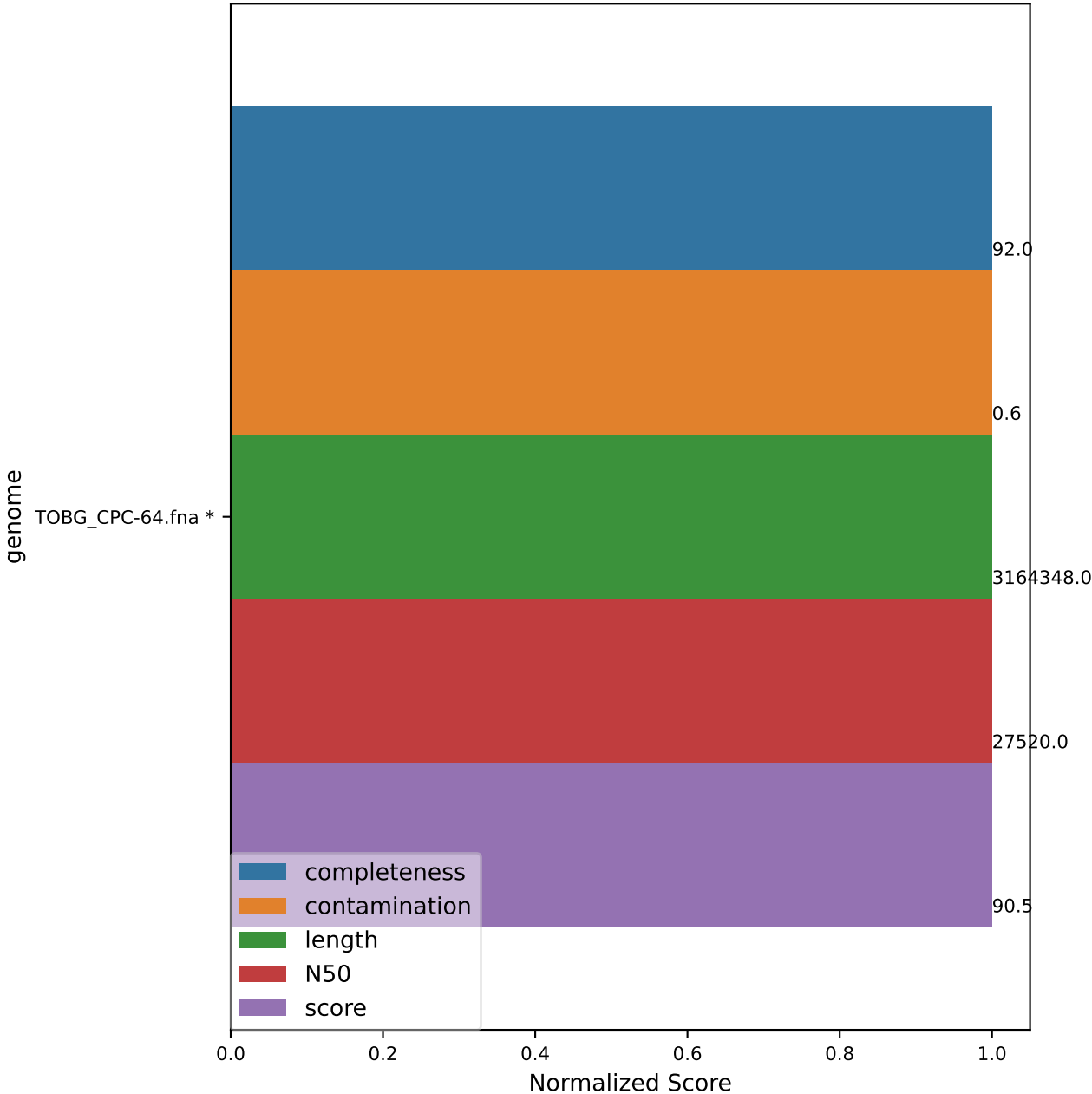




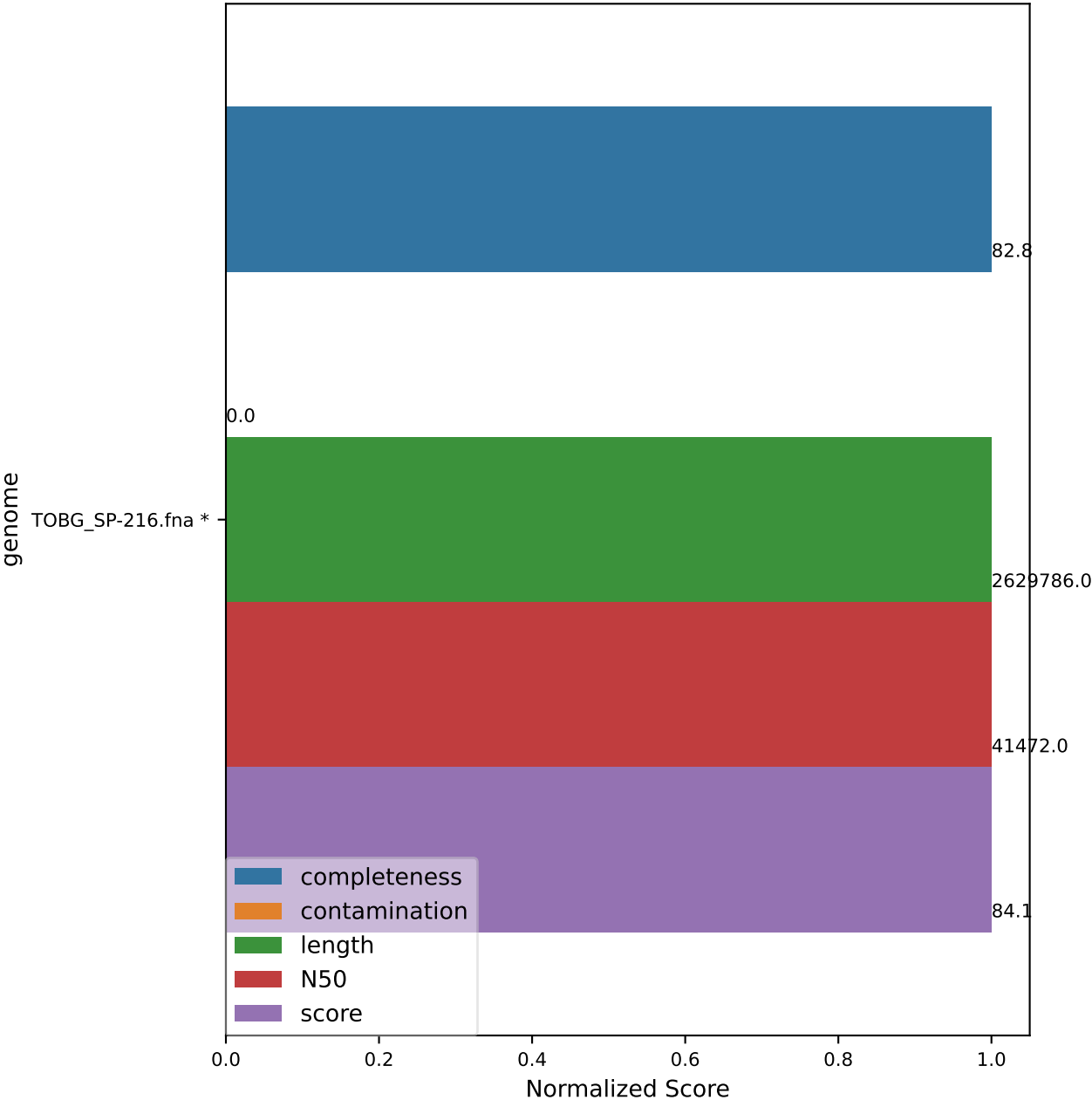
Scoring of cluster 581\_0



Scoring of cluster 582\_0



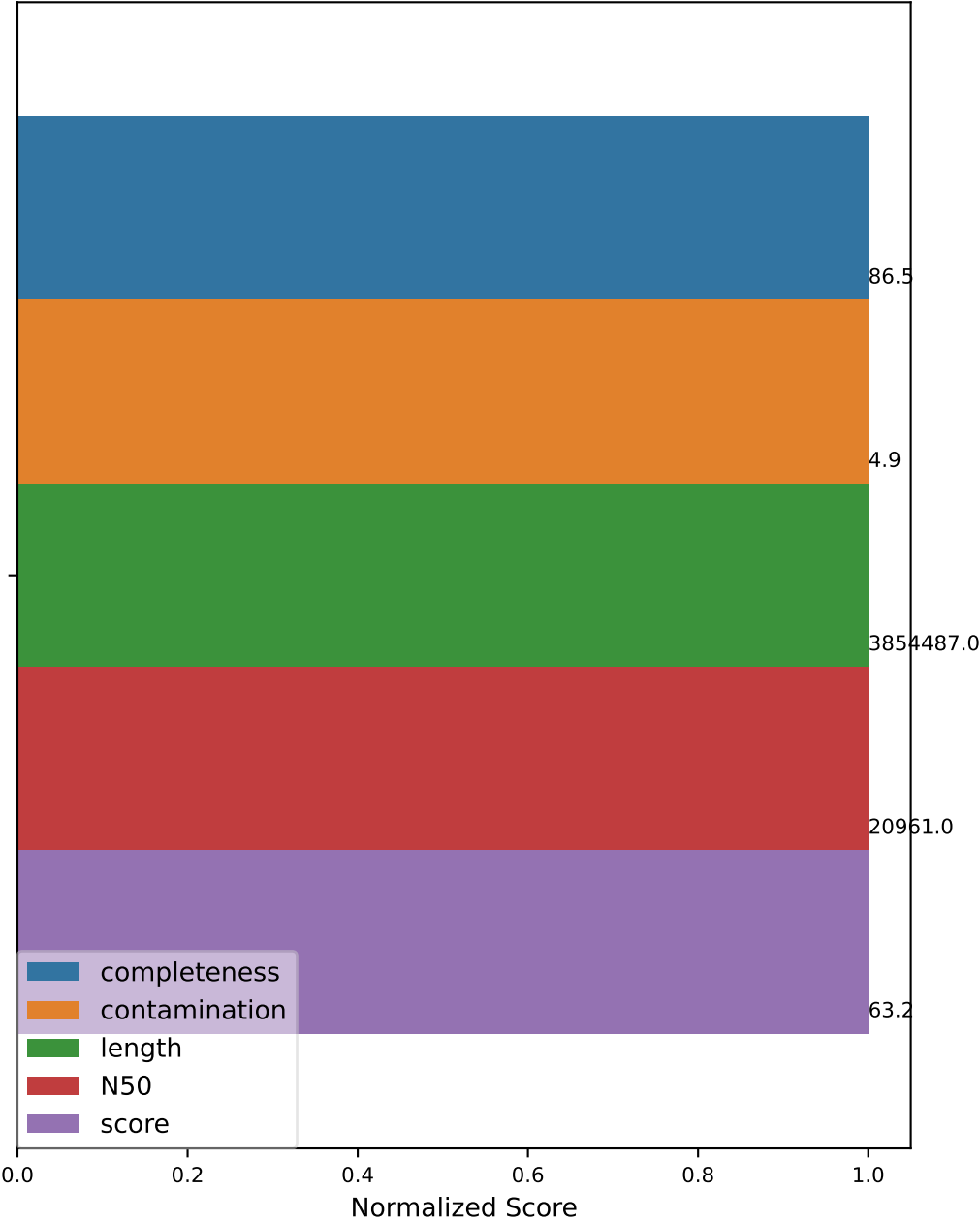
Scoring of cluster 583\_0



Scoring of cluster 584\_1

genome

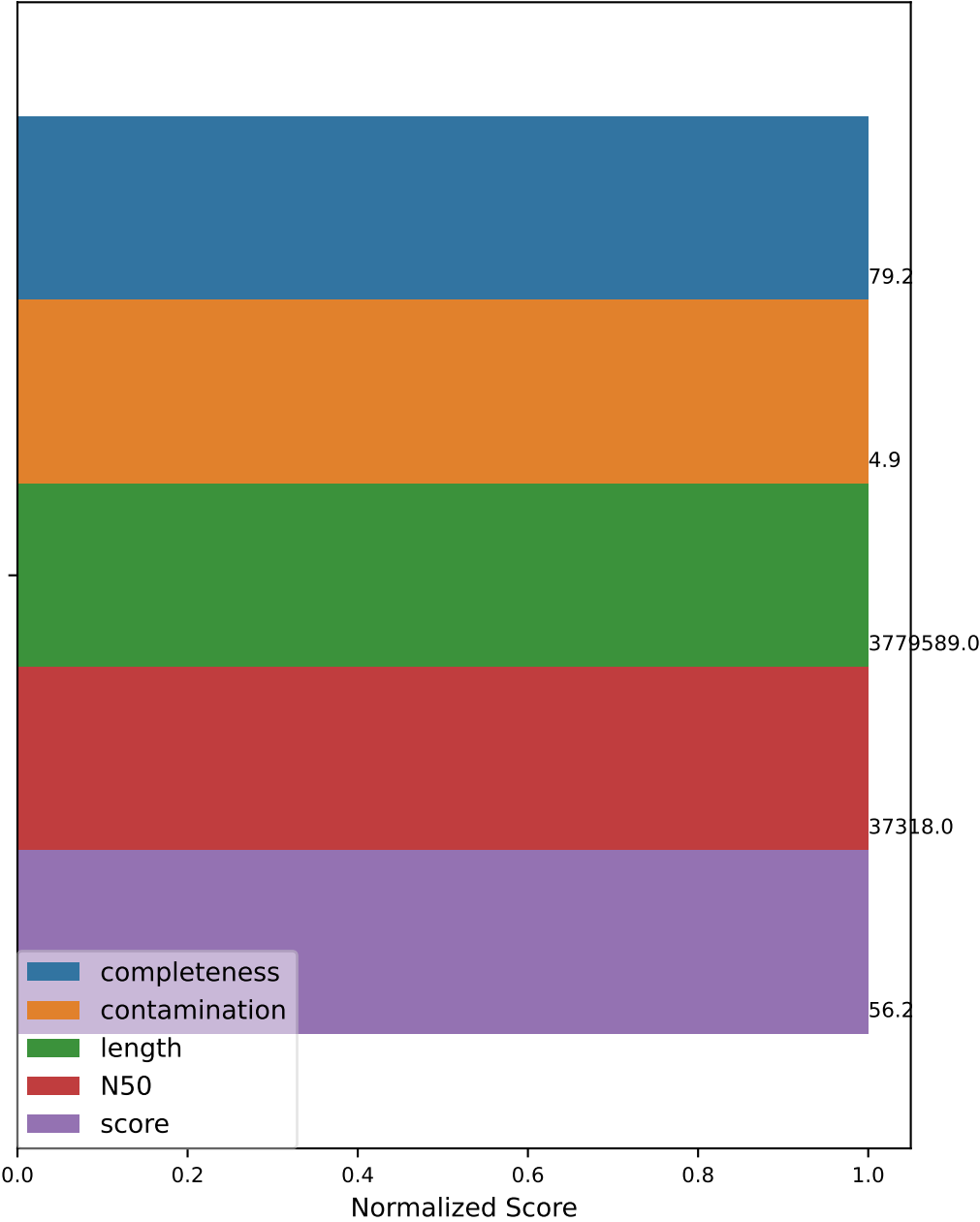
TOBG\_NP-42.fna \*



Scoring of cluster 584\_2

genome

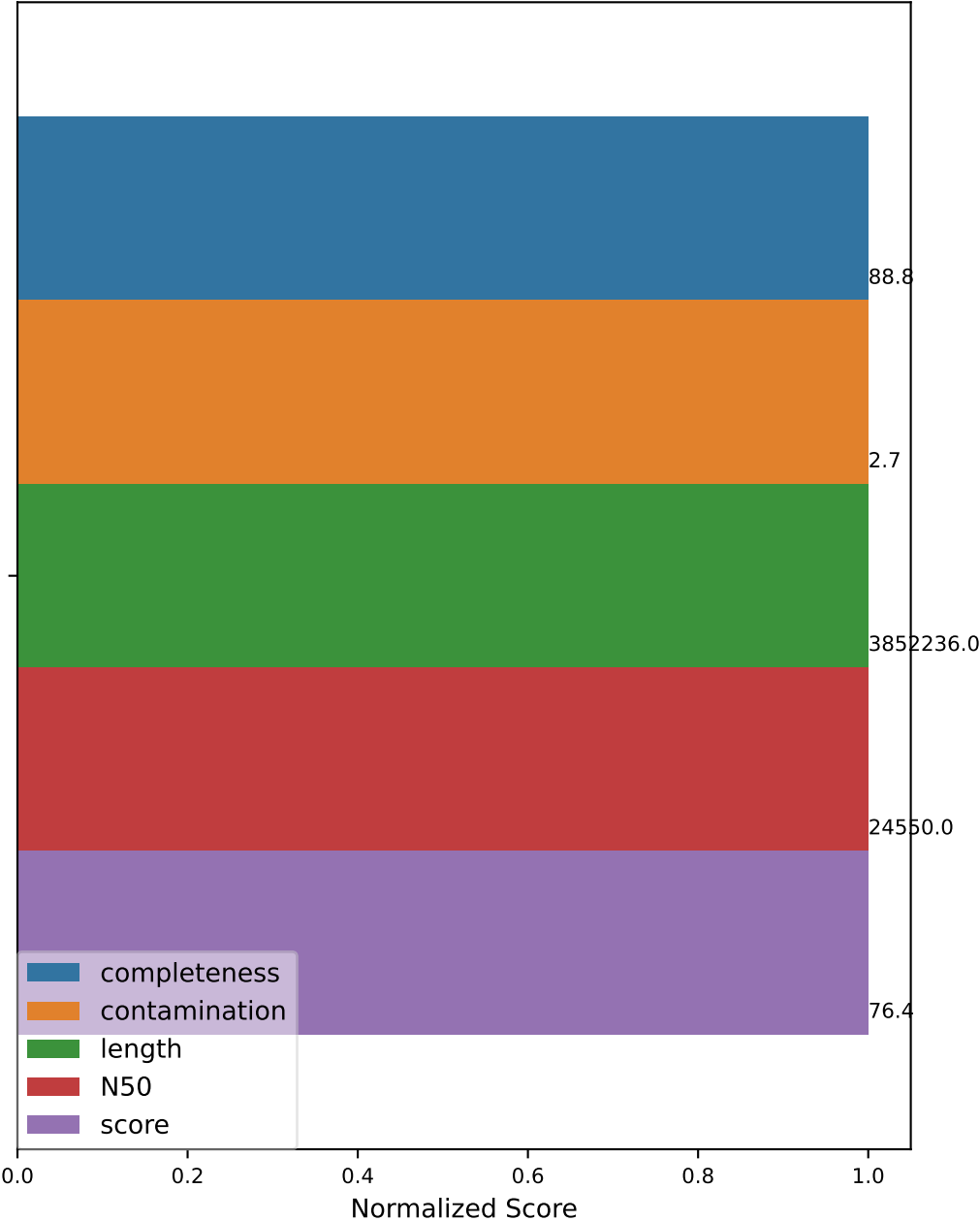
TOBG\_SAT-1462.fna \*



Scoring of cluster 585\_0

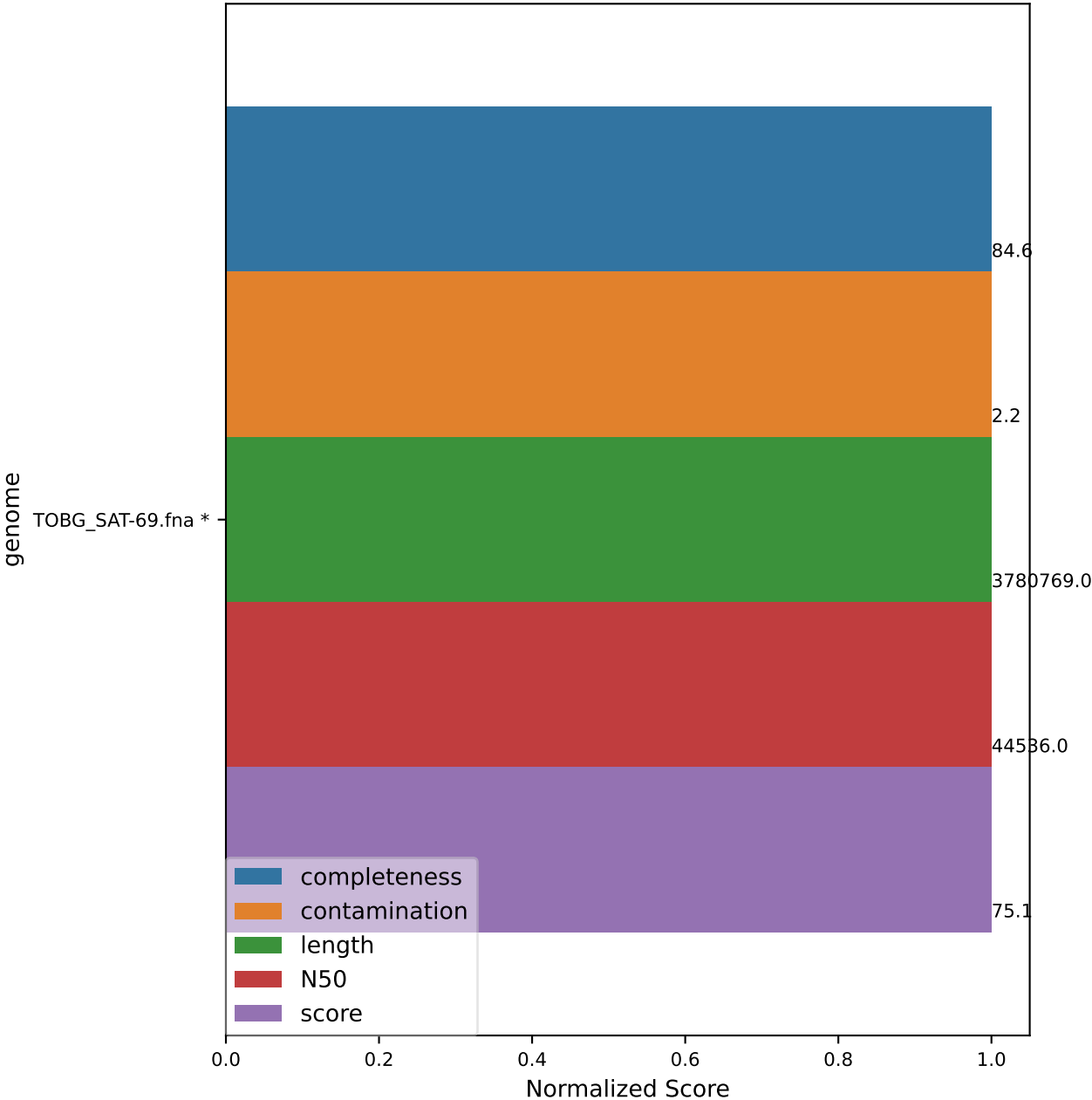
genome

TOBG\_MED-592.fna \*





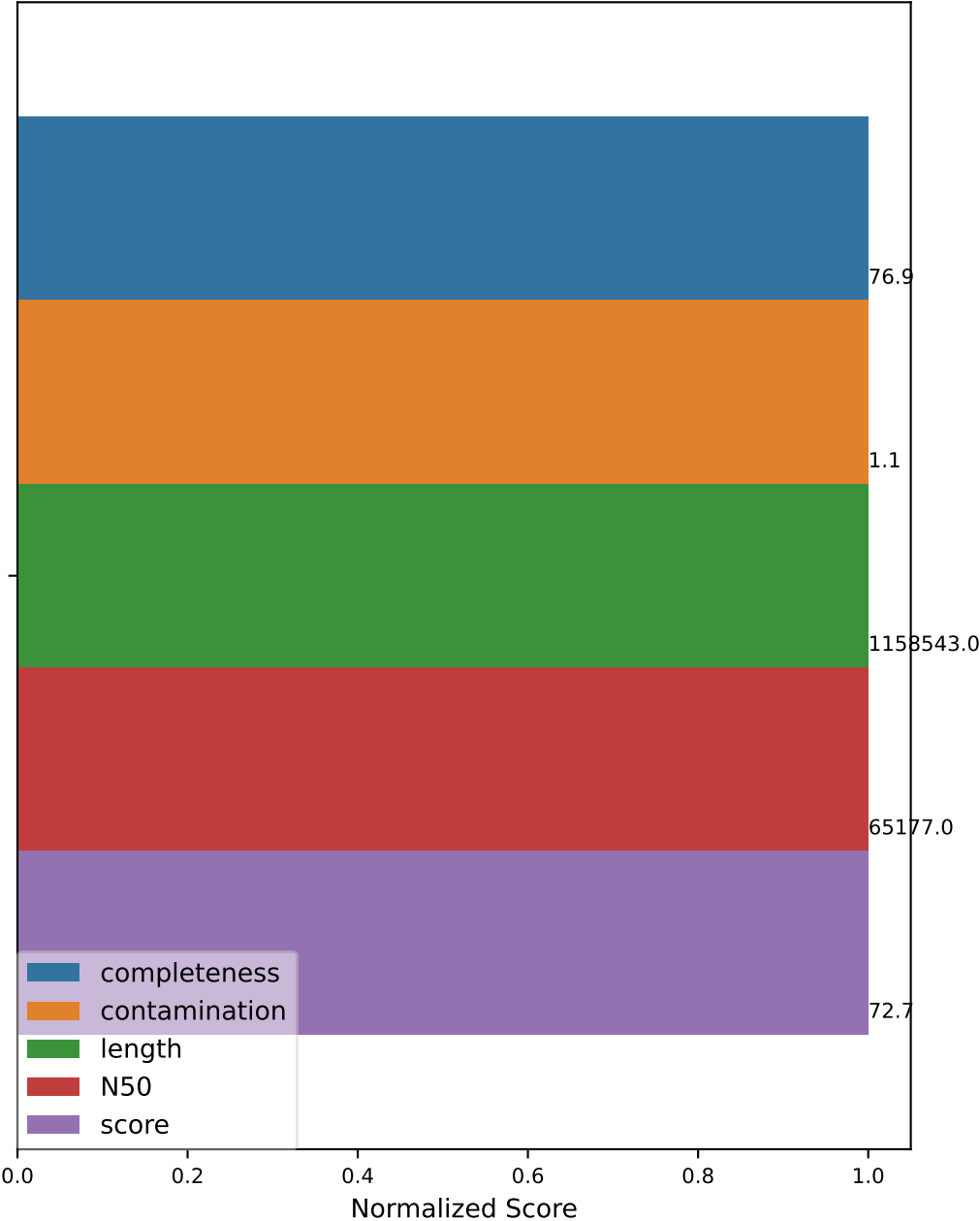
Scoring of cluster 586\_0



Scoring of cluster 587\_0

genome

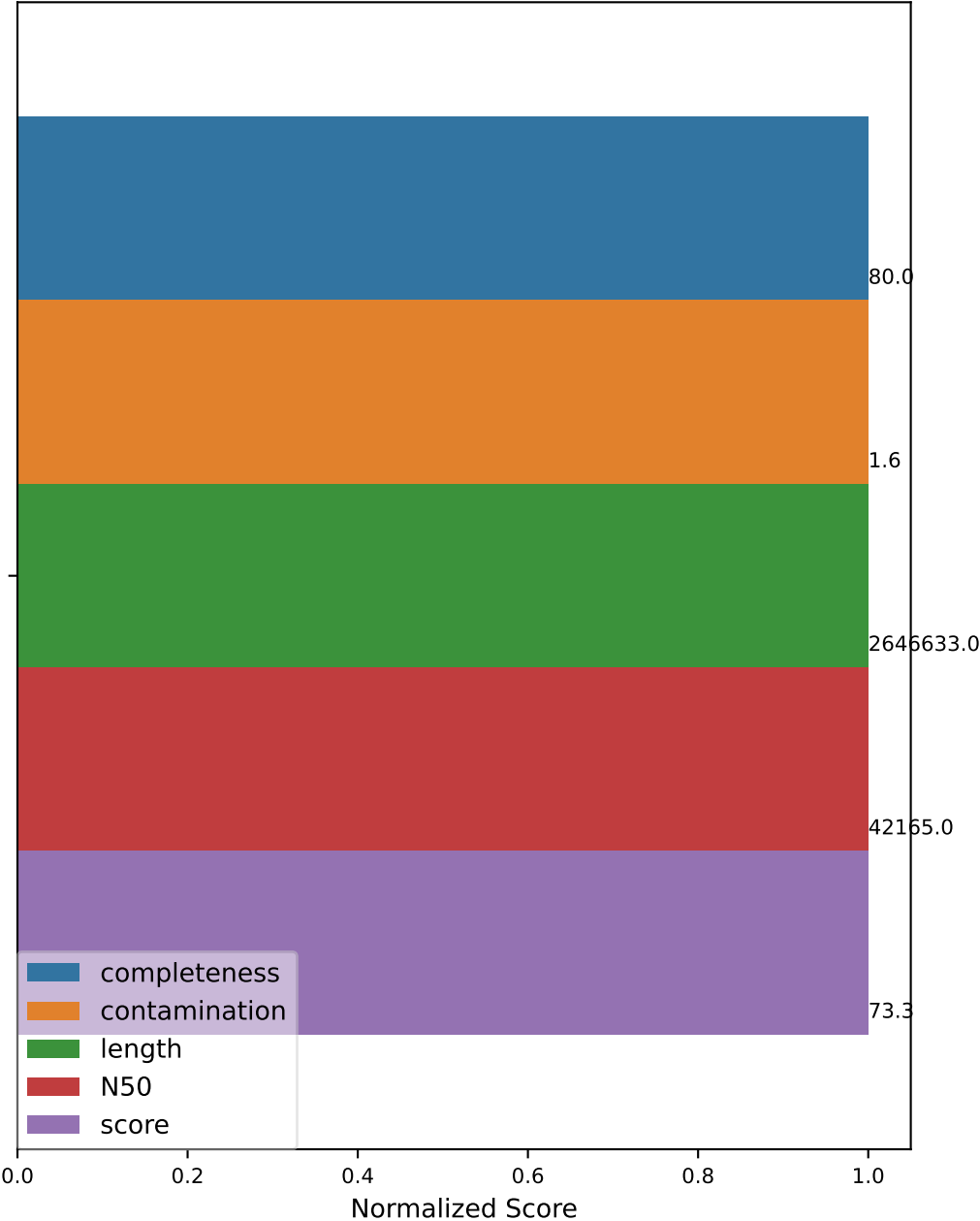
TOBG\_MED-753.fna \*



Scoring of cluster 588\_0

genome

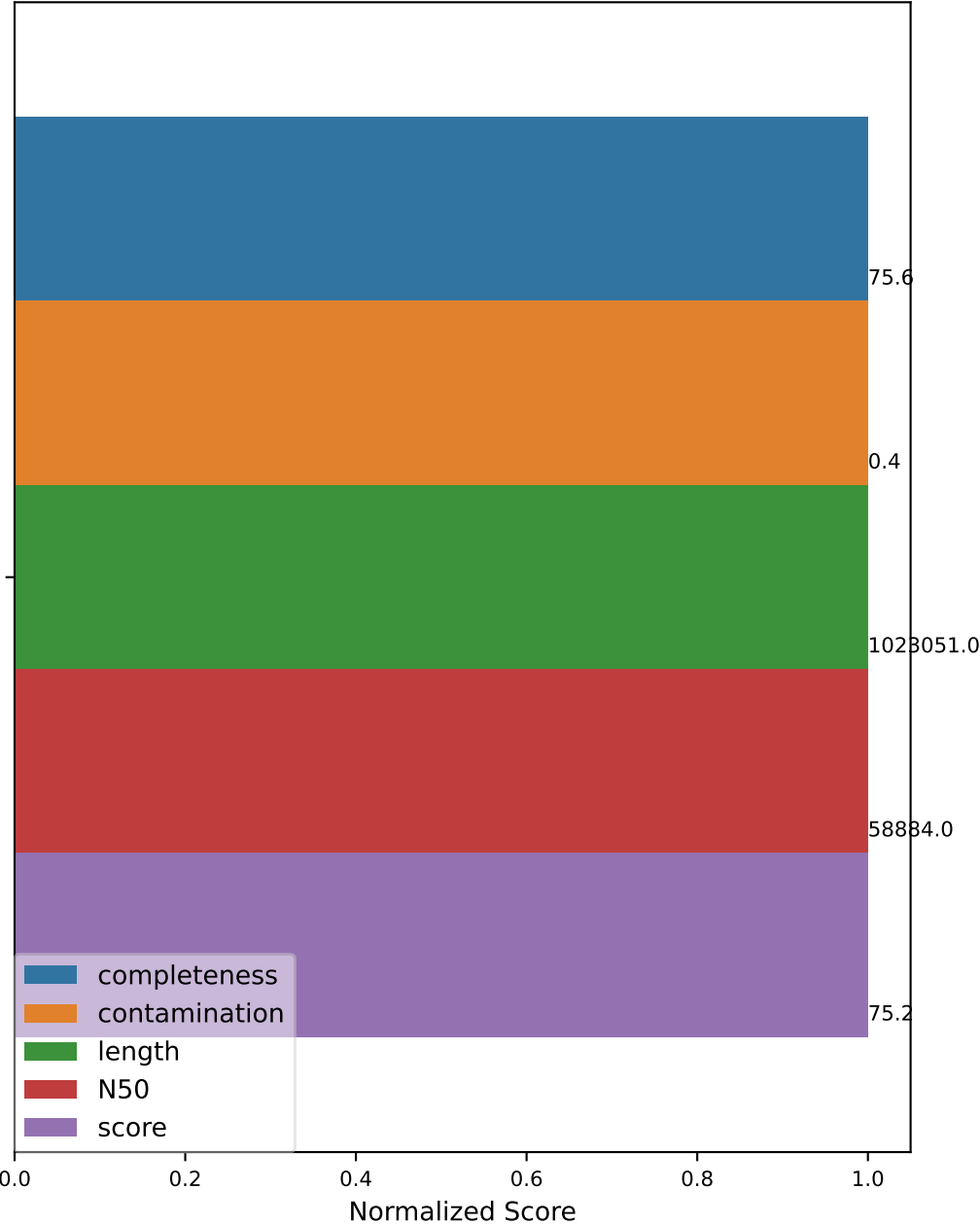
TOBG\_SAT-217.fna \*



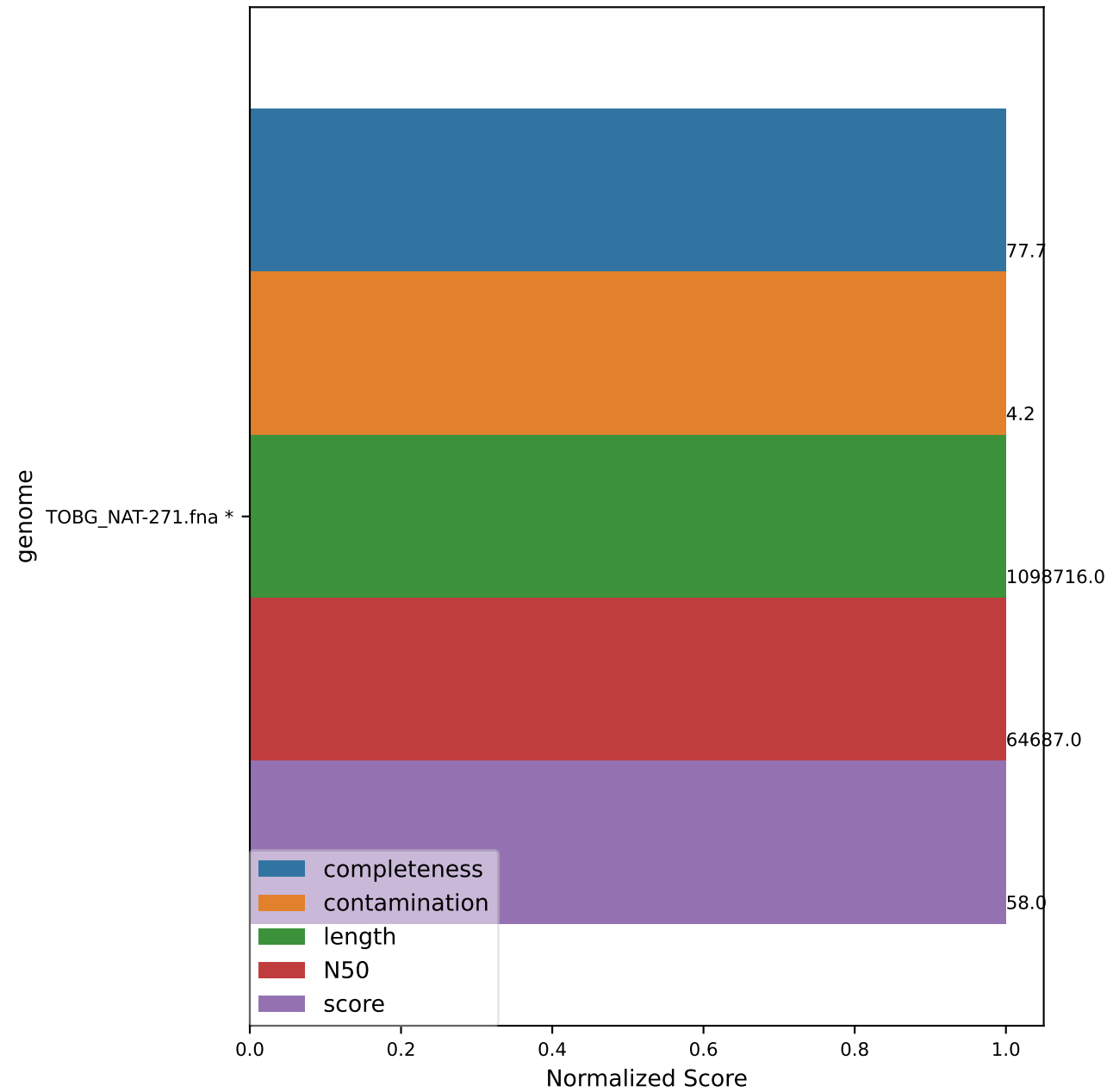
Scoring of cluster 589\_0

genome

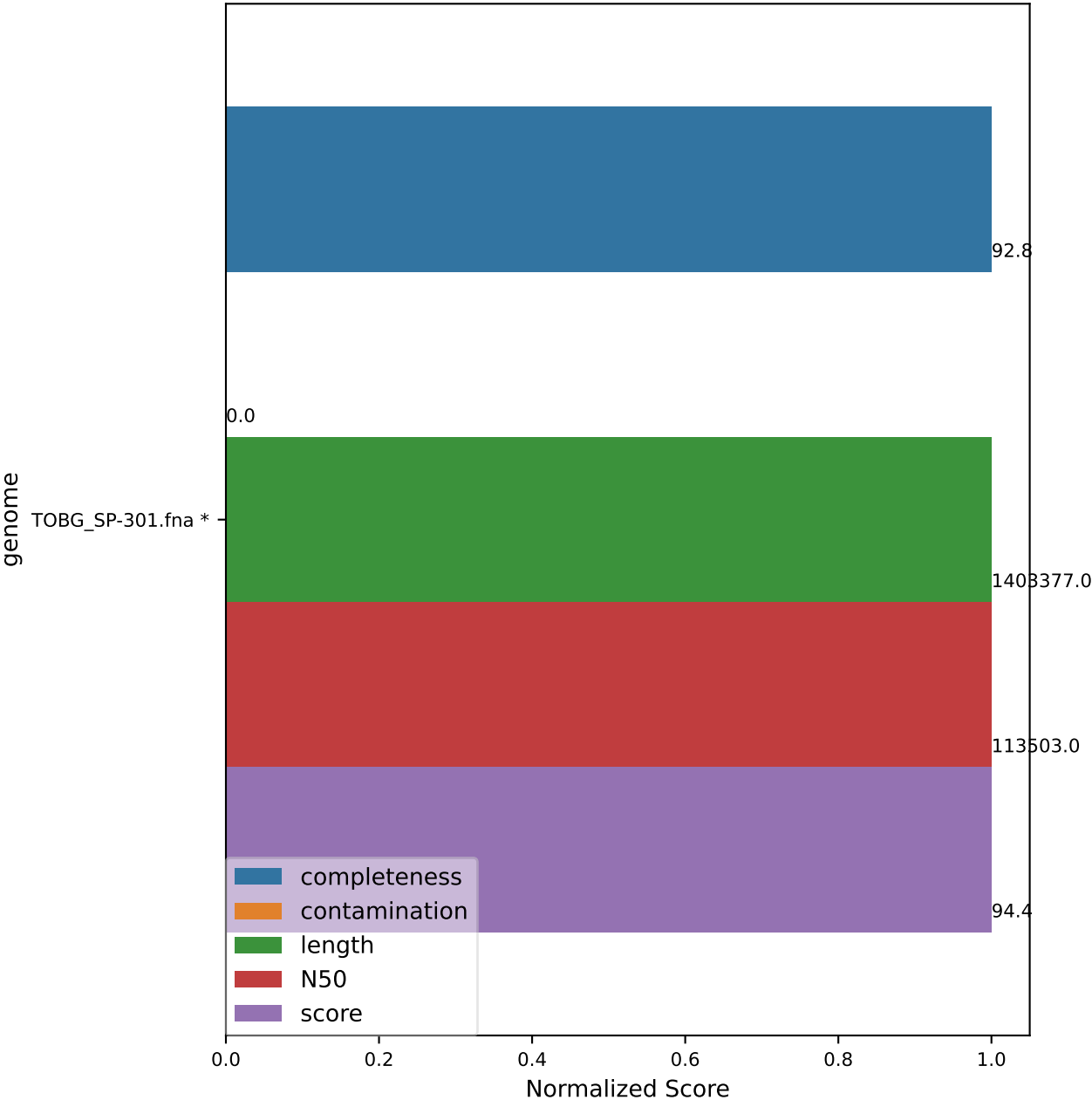
TOBG\_MED-718.fna \*



Scoring of cluster 590\_0



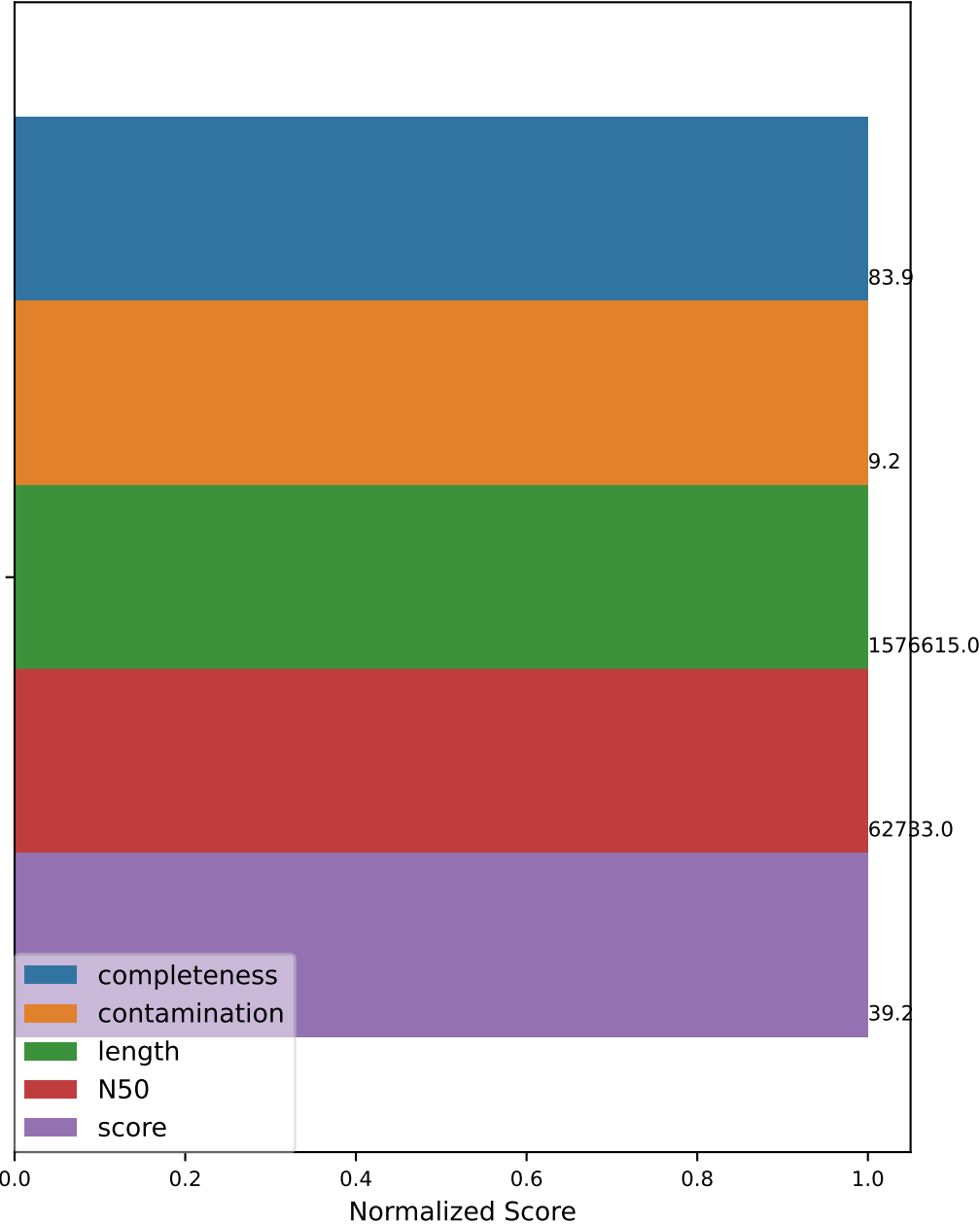
Scoring of cluster 591\_0



Scoring of cluster 592\_0

genome

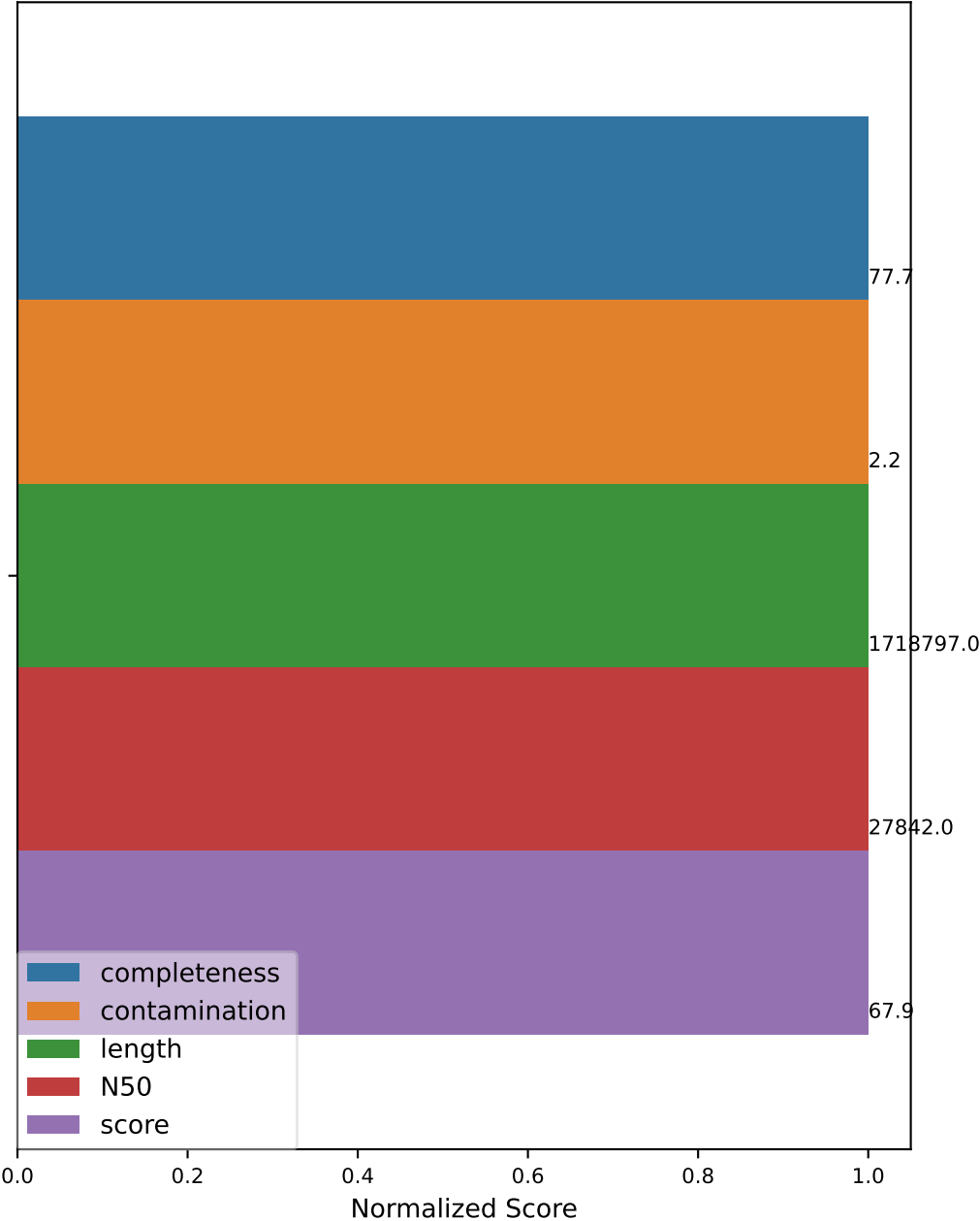
TOBG\_RS-648.fna \*



Scoring of cluster 593\_0

genome

TOBG\_SP-2989.fna \*

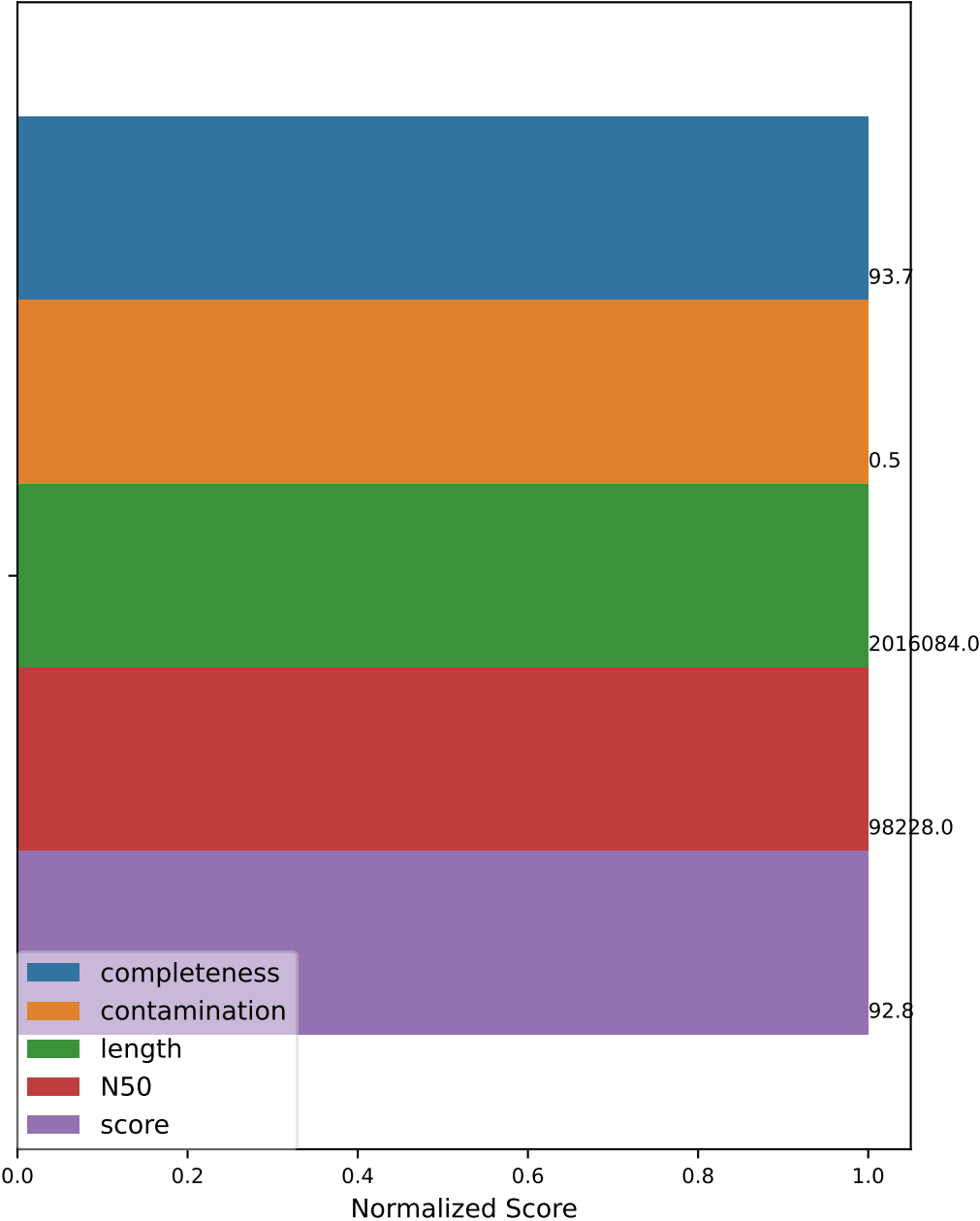




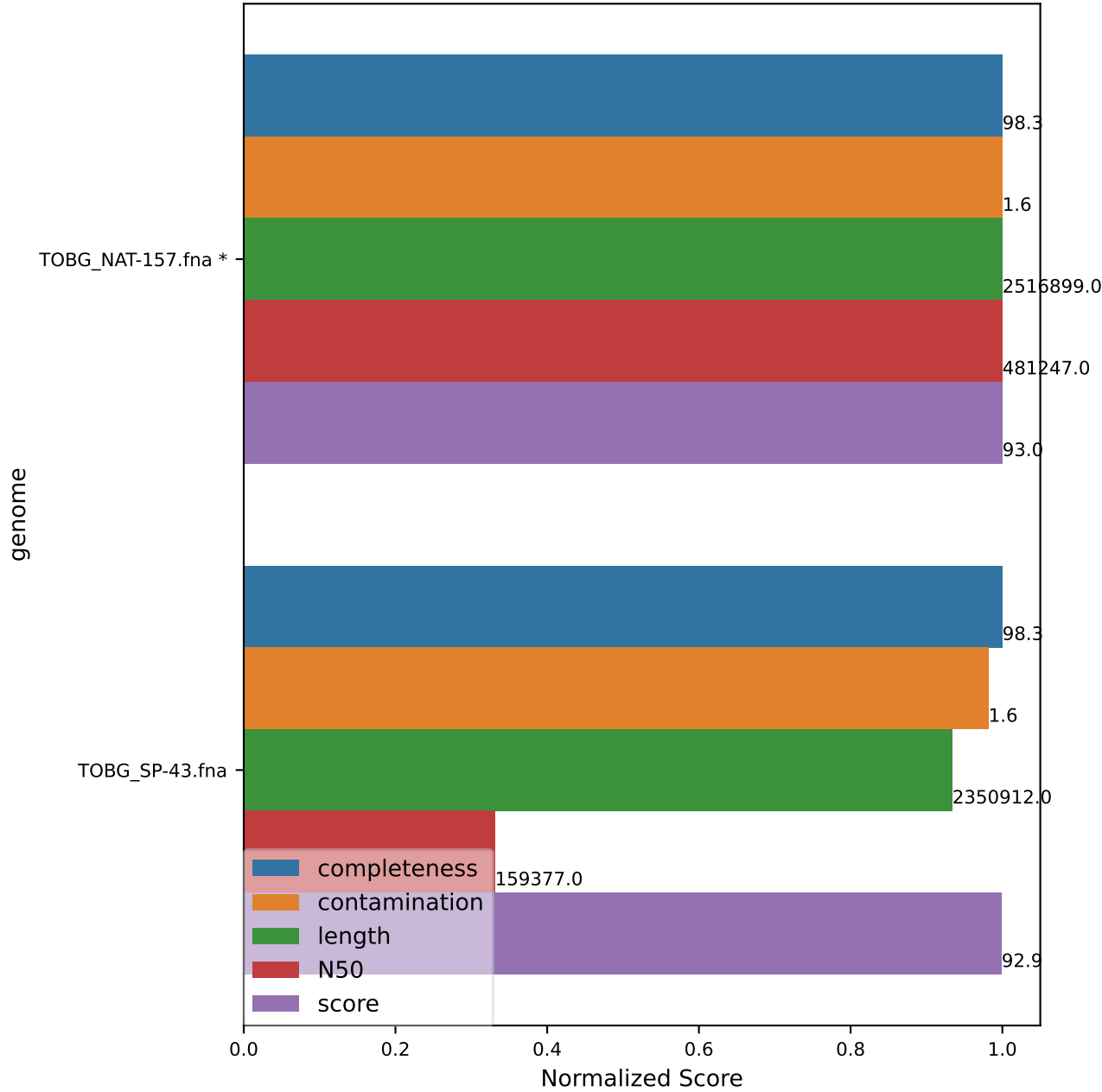
Scoring of cluster 594\_0

genome

TOBG\_SP-263.fna \*



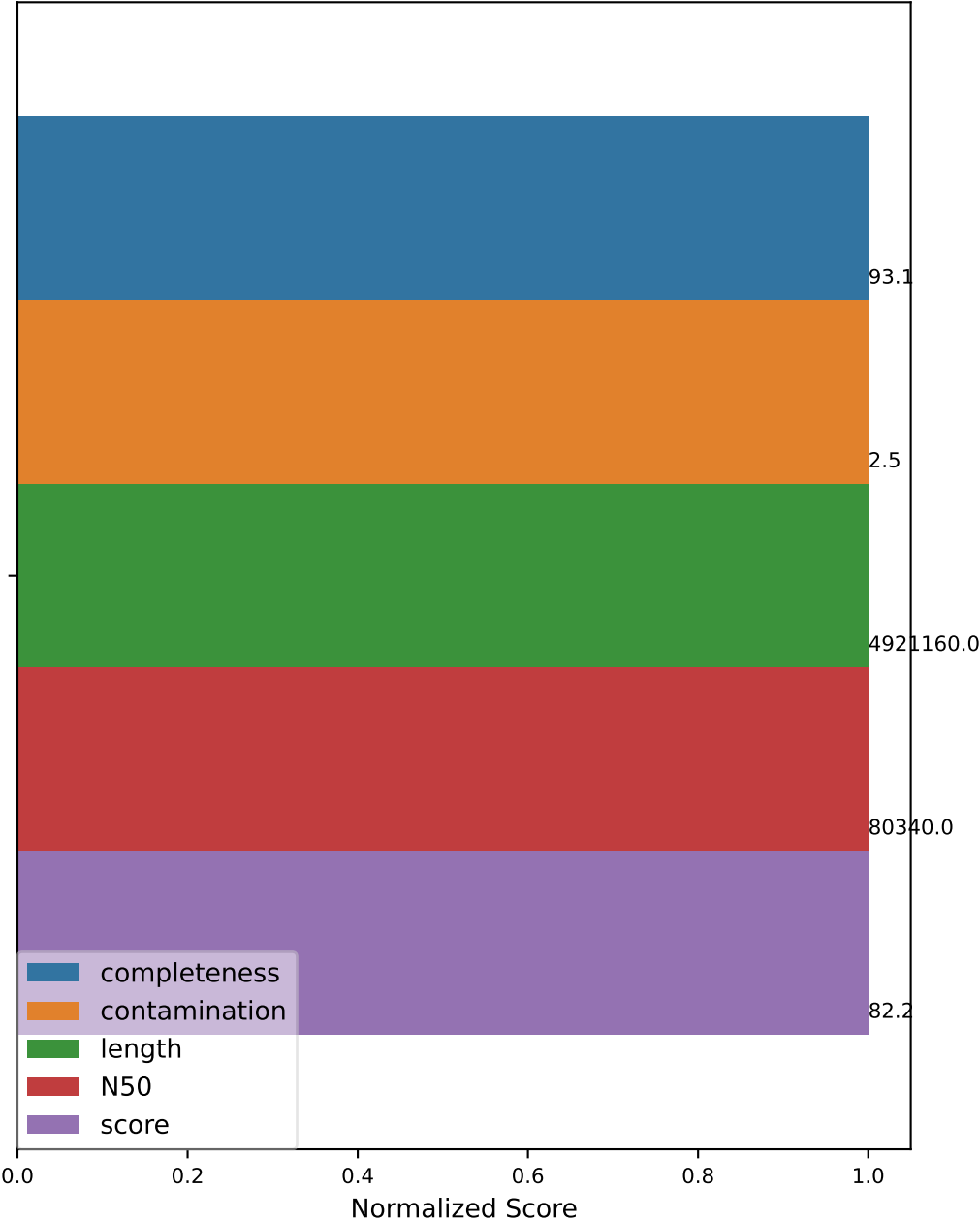
Scoring of cluster 595\_1



Scoring of cluster 596\_0

genome

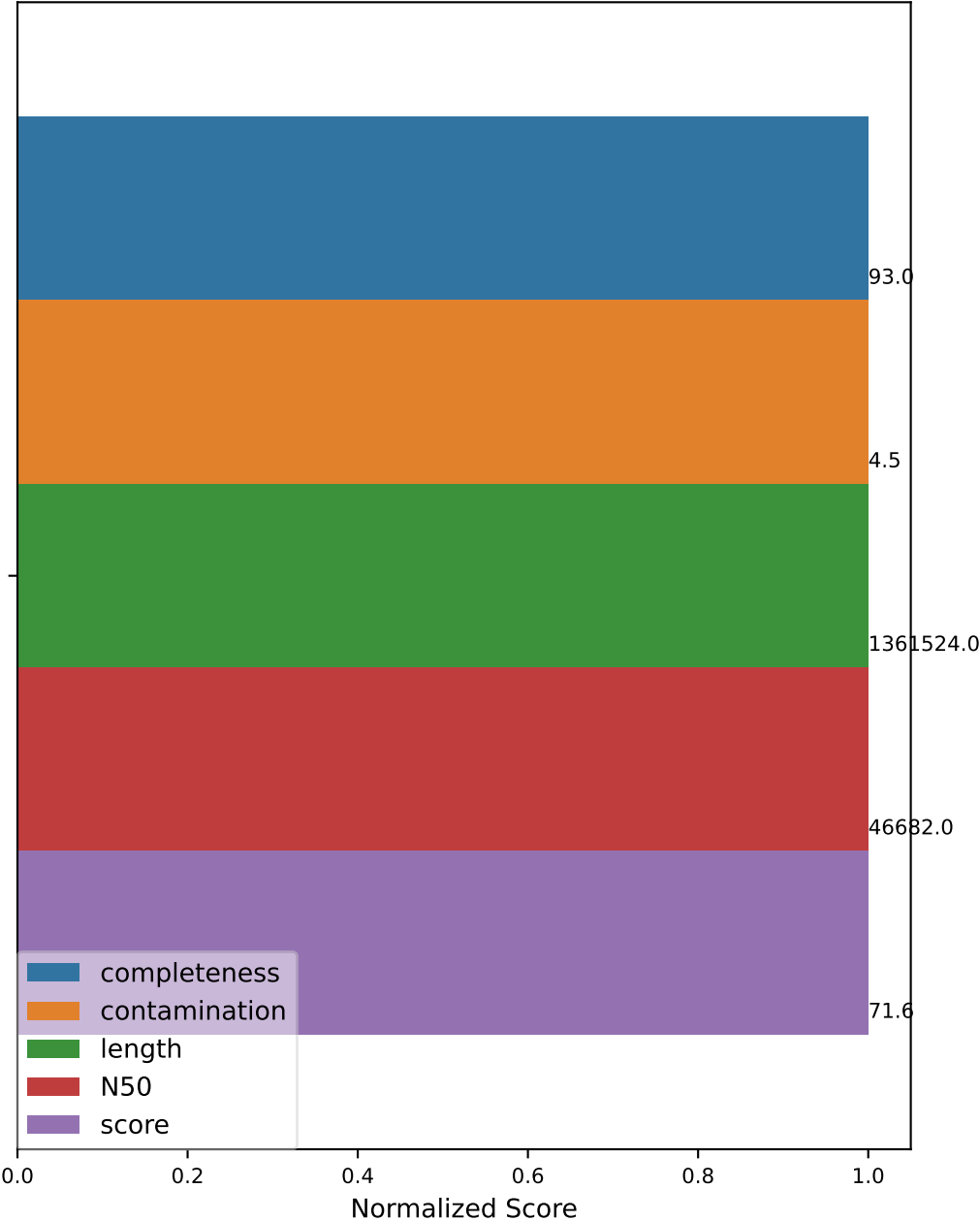
TOBG\_SAT-230.fna \*



Scoring of cluster 597\_1

genome

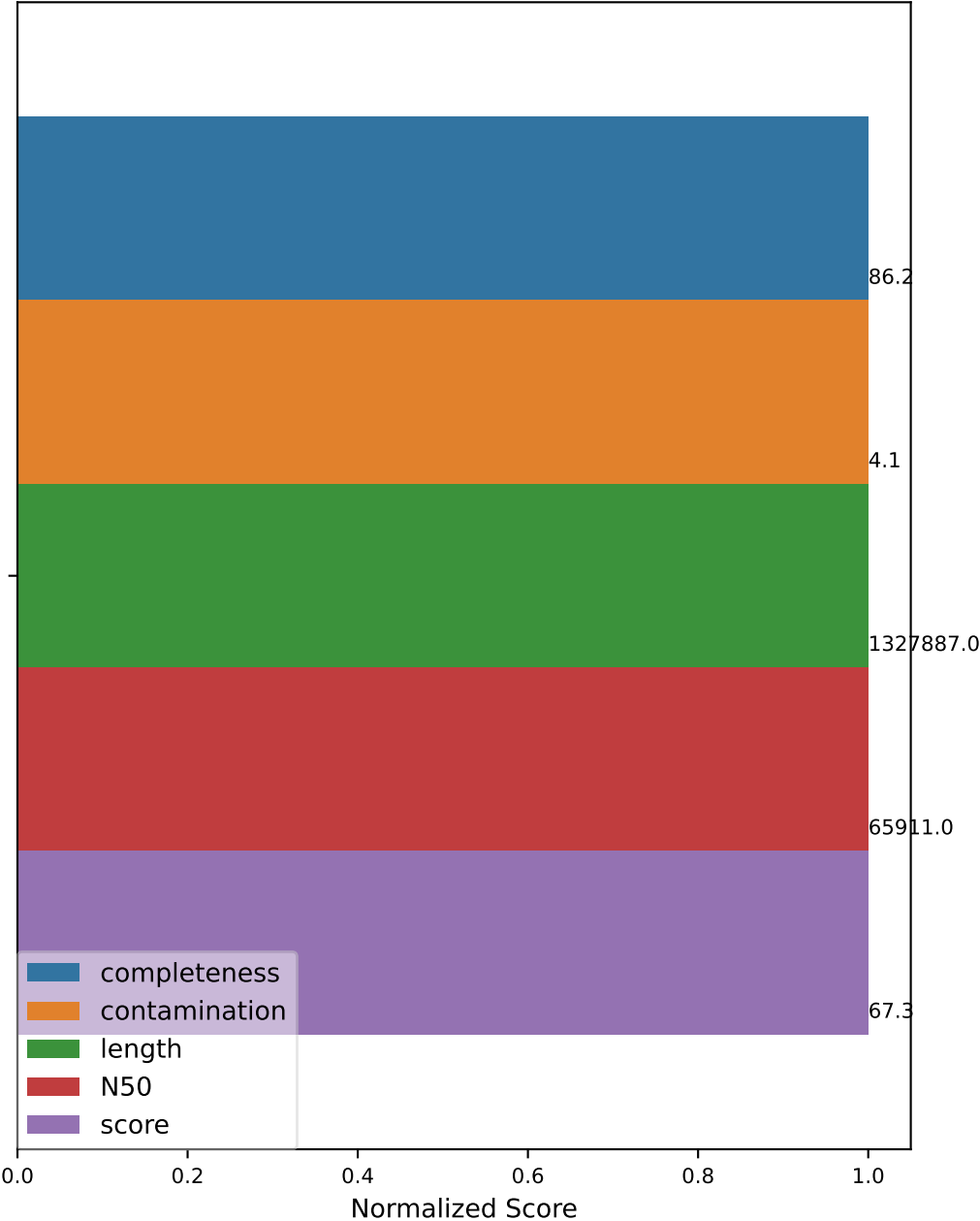
TOBG\_MED-649.fna \*



Scoring of cluster 597\_2

genome

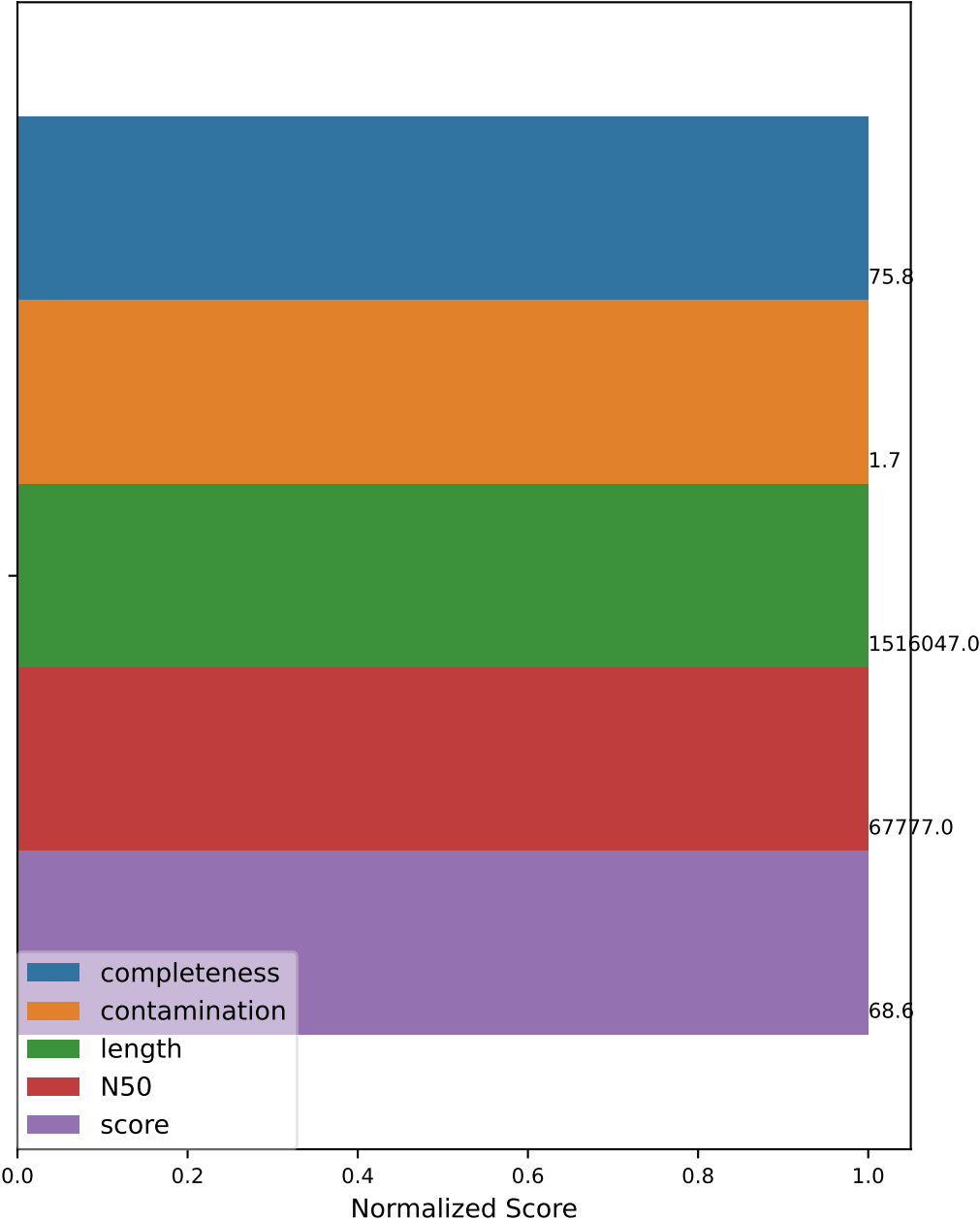
TOBG\_NAT-12.fna \*



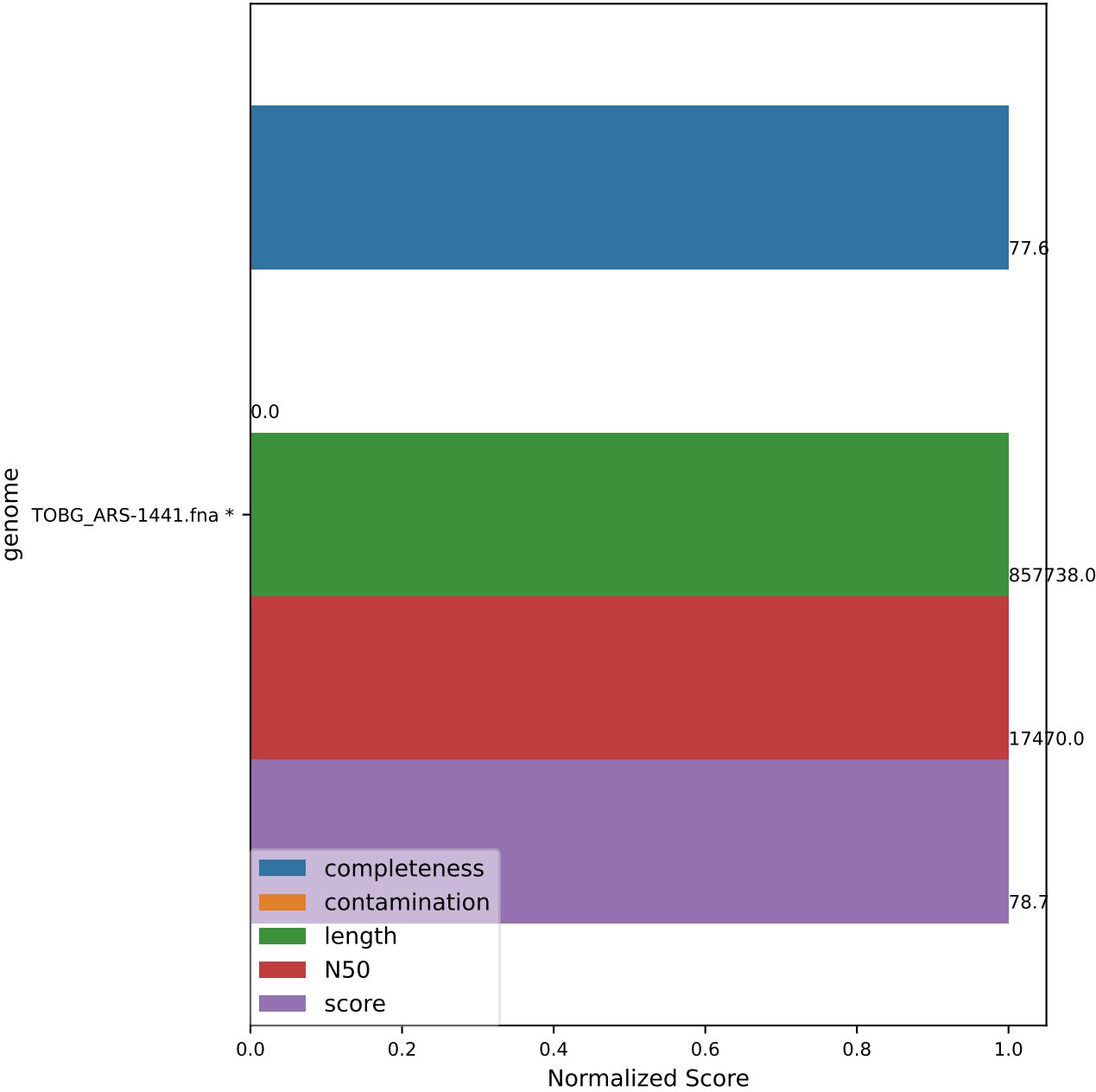
Scoring of cluster 598\_0

genome

TOBG\_NAT-90.fna \*



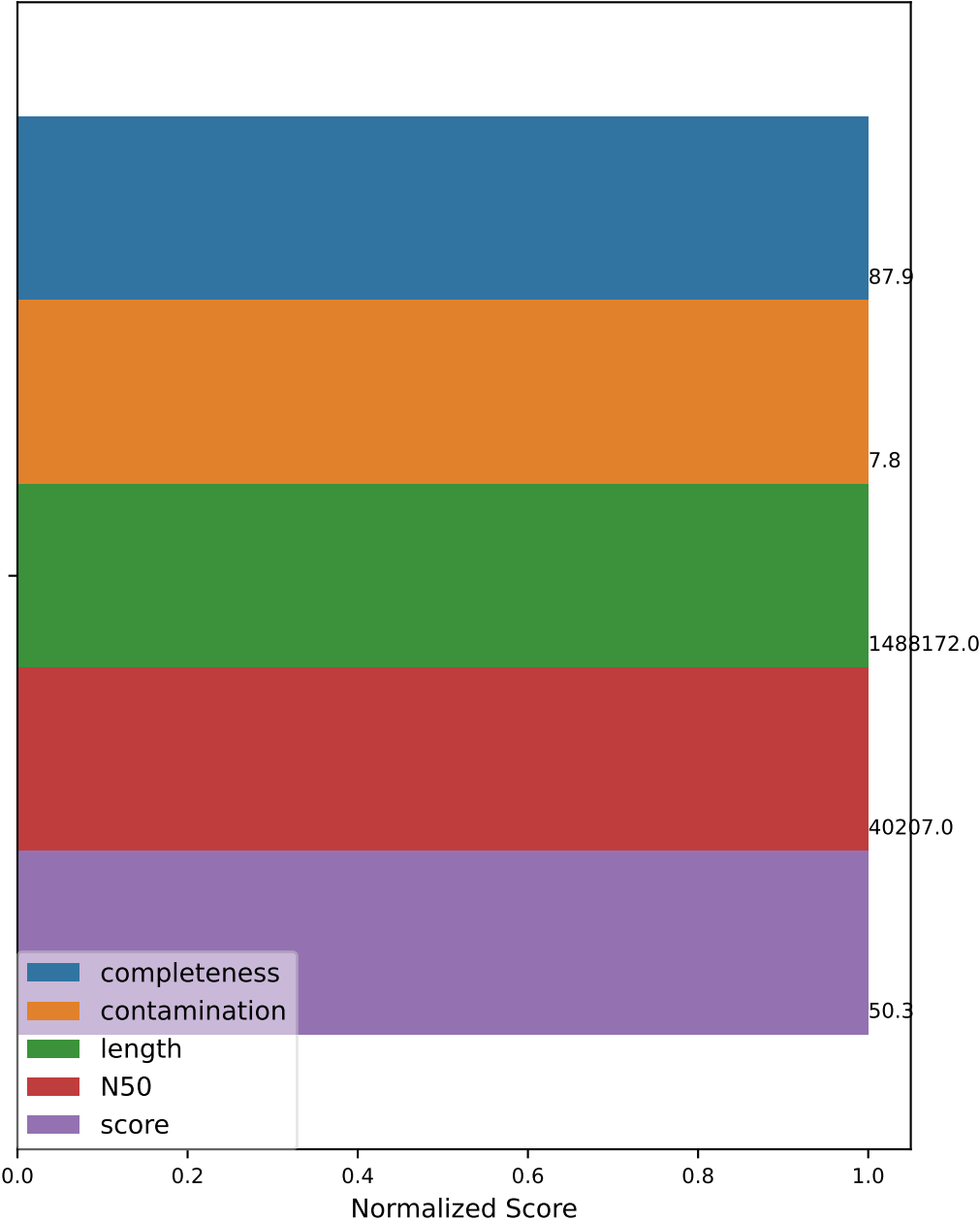
Scoring of cluster 599\_0



Scoring of cluster 600\_0

genome

TOBG\_MED-955.fna \*

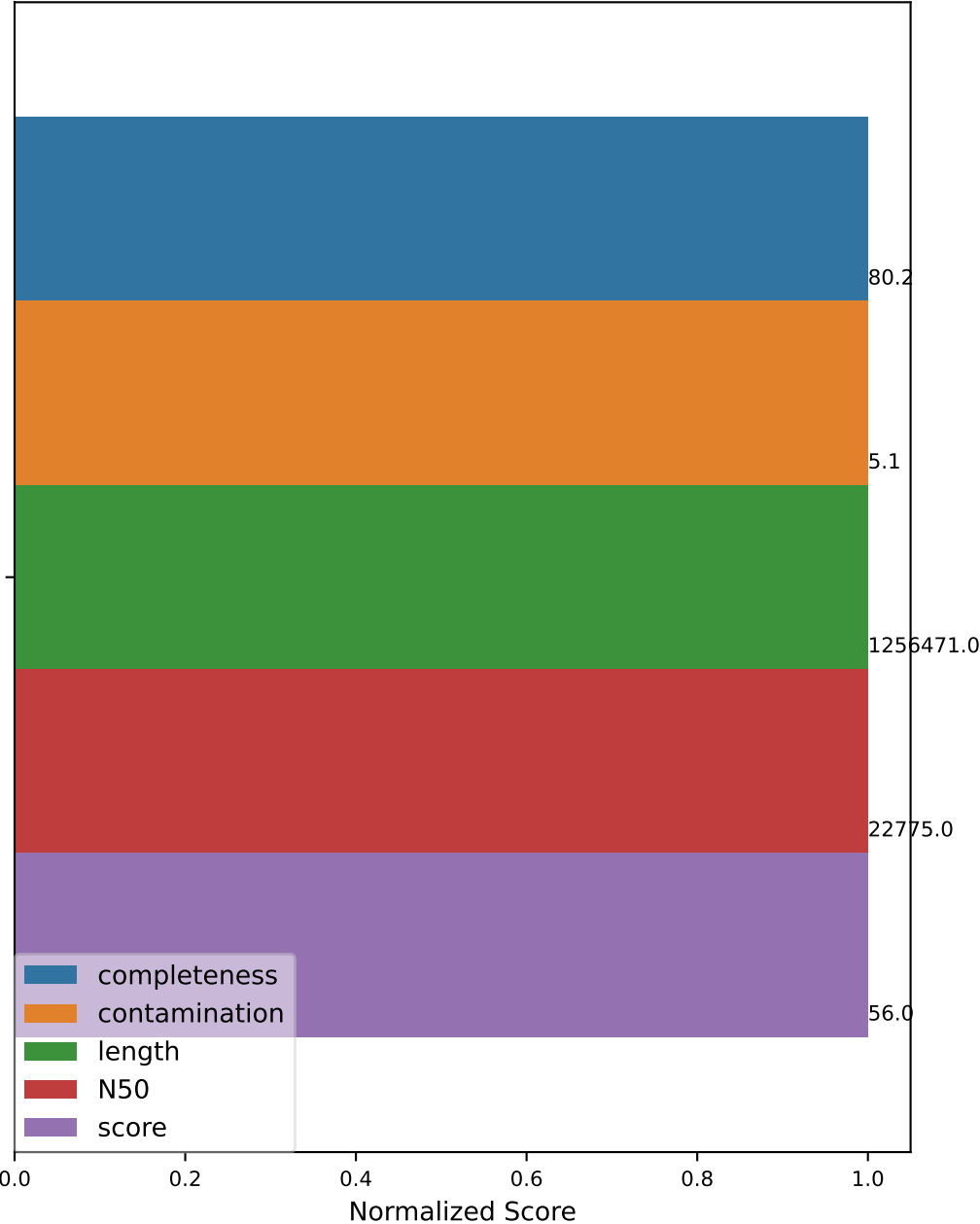




Scoring of cluster 601\_0

genome

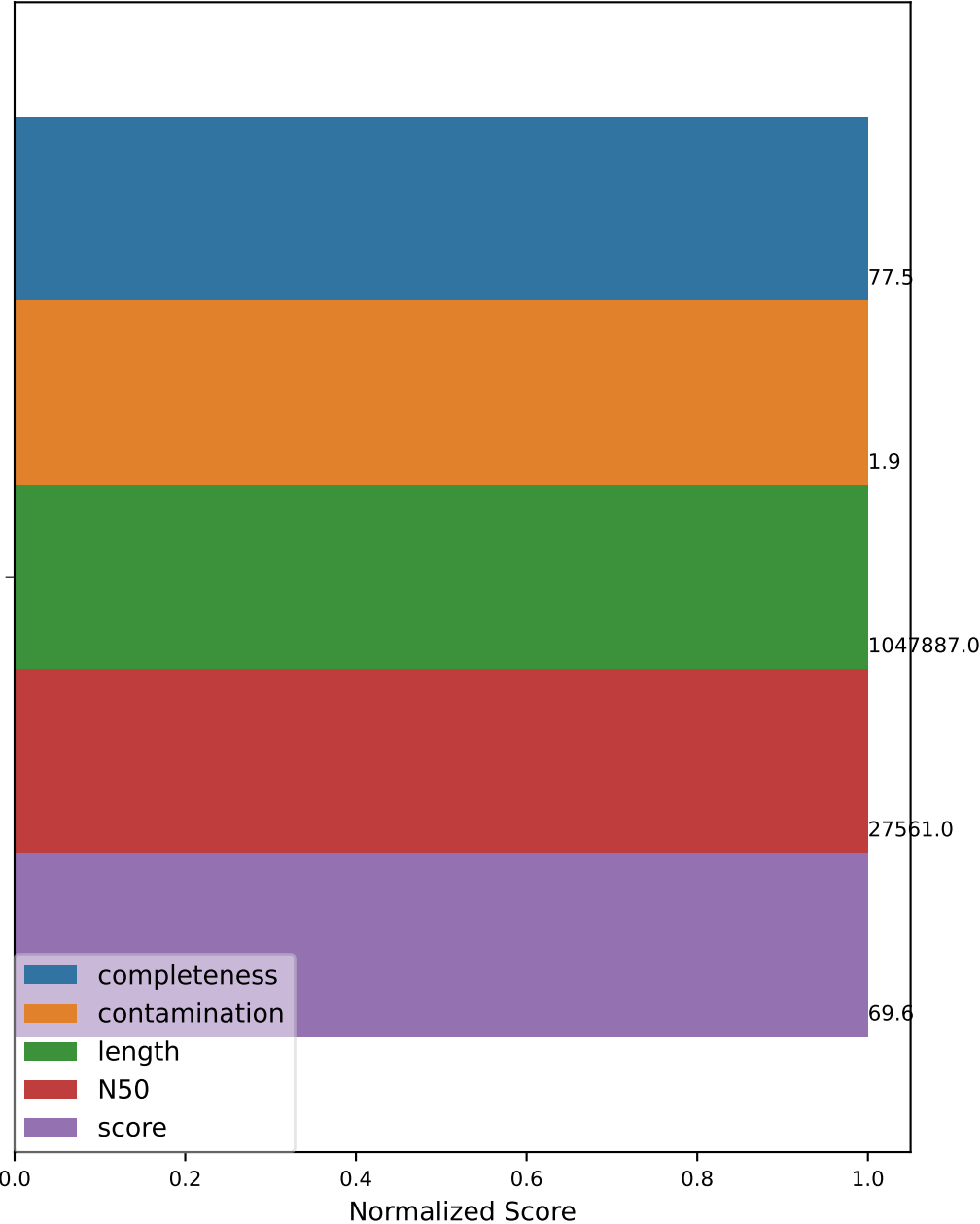
TOBG\_NP-944.fna \*



Scoring of cluster 602\_0

genome

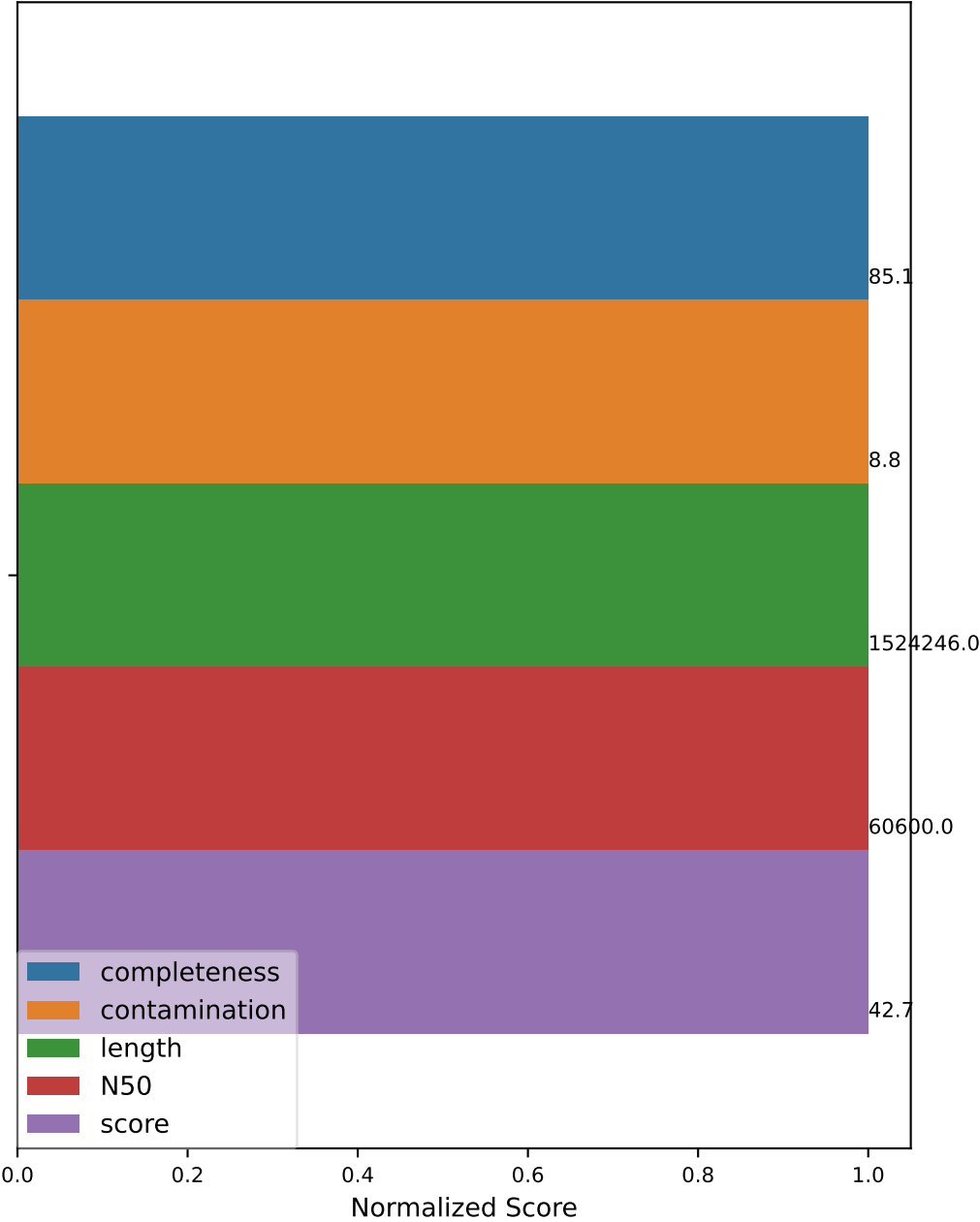
TOBG\_RS-626.fna \*



Scoring of cluster 603\_0

genome

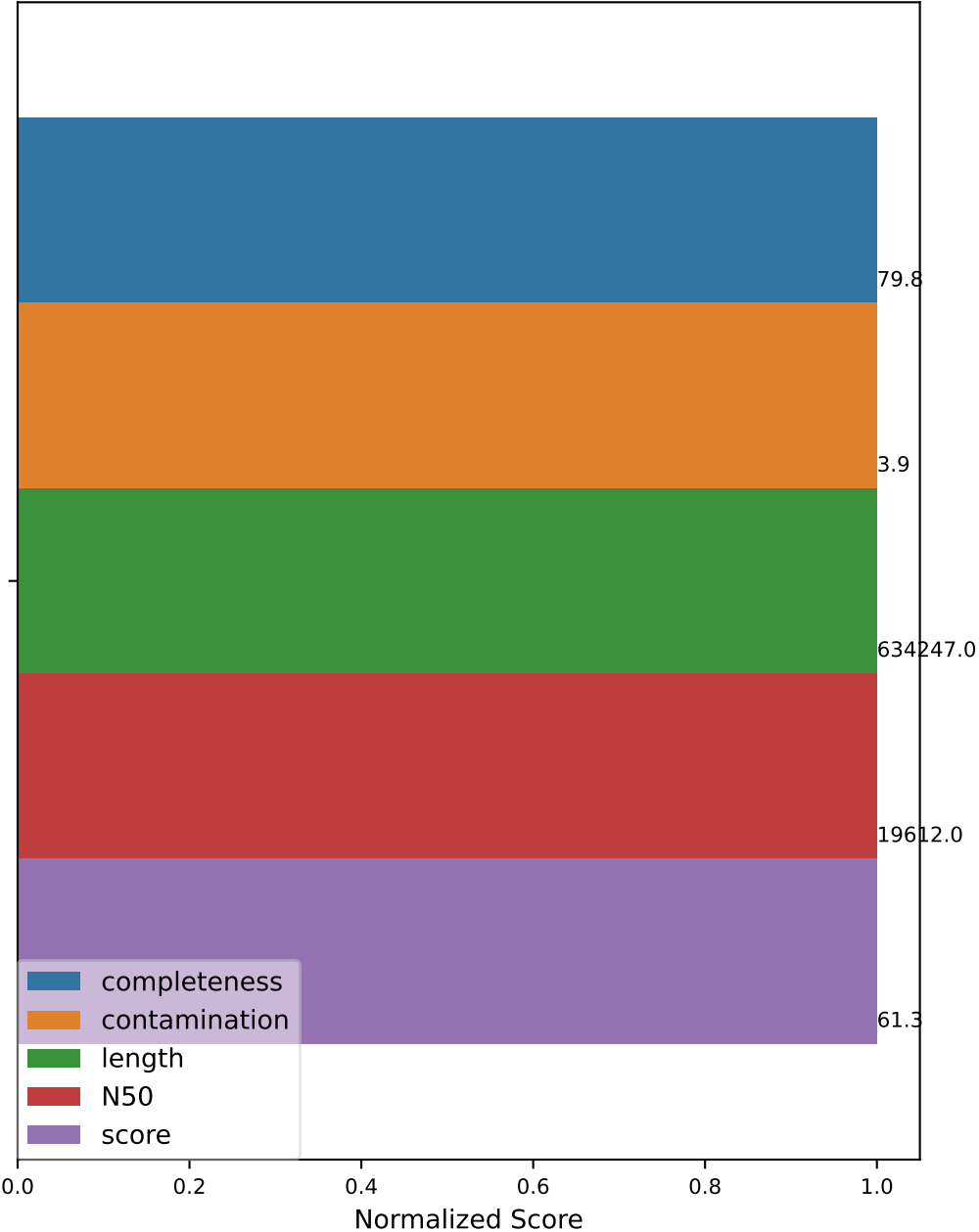
TOBG\_SP-3046.fna \*



Scoring of cluster 604\_0

genome

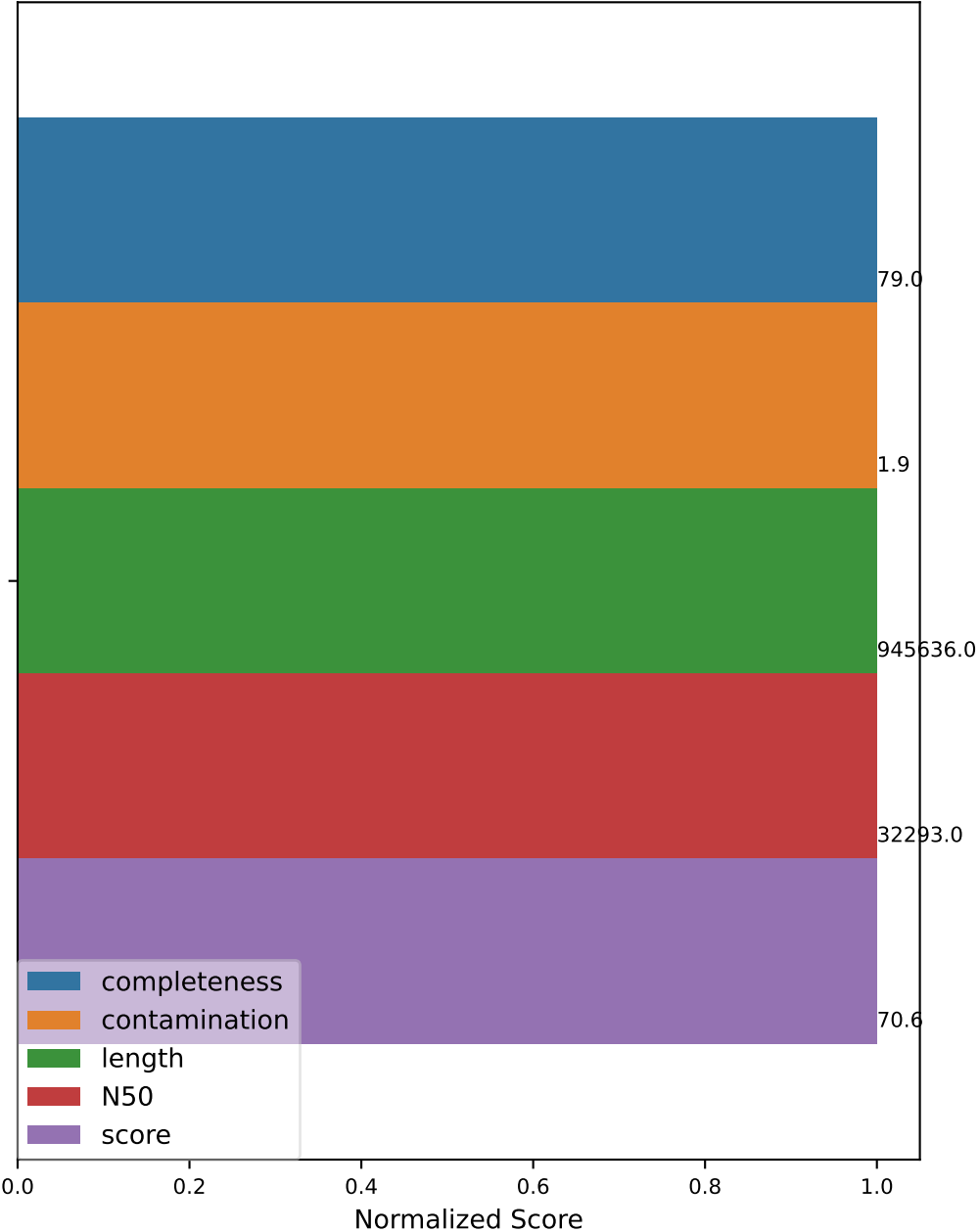
TOBG\_CPC-296.fna \*



Scoring of cluster 605\_0

genome

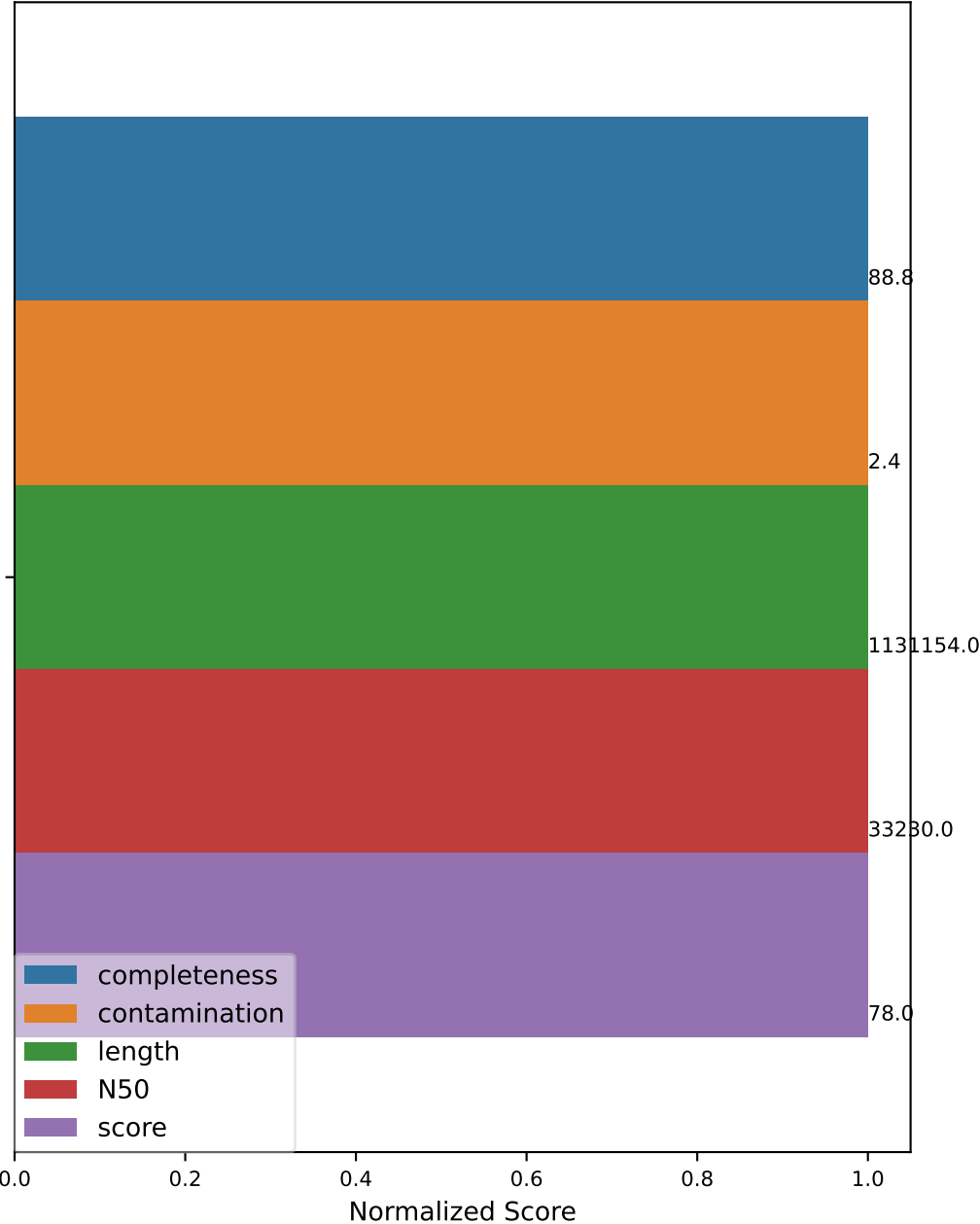
TOBG\_MED-740.fna \*



Scoring of cluster 606\_0

genome

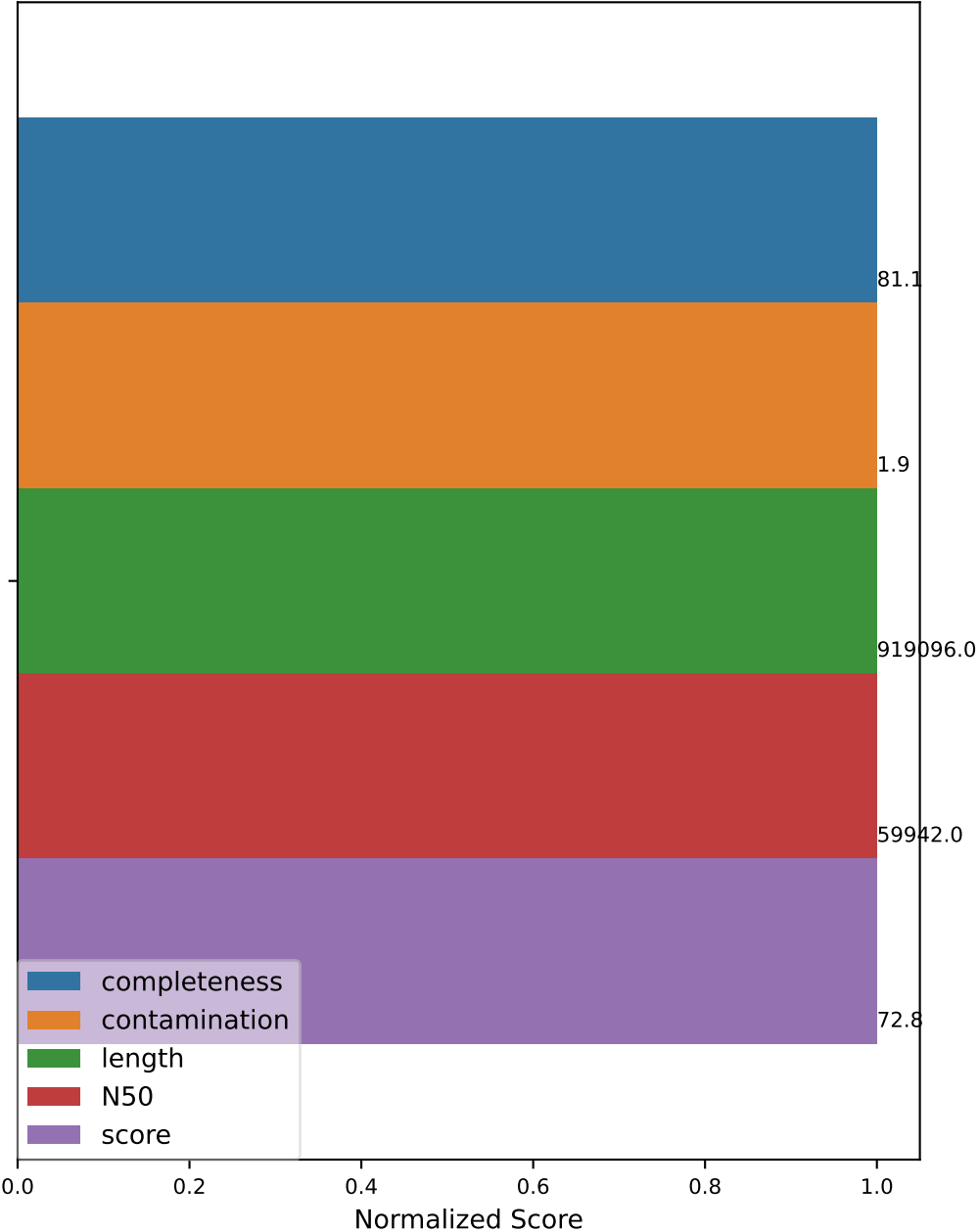
TOBG\_NP-142.fna \*



Scoring of cluster 607\_0

genome

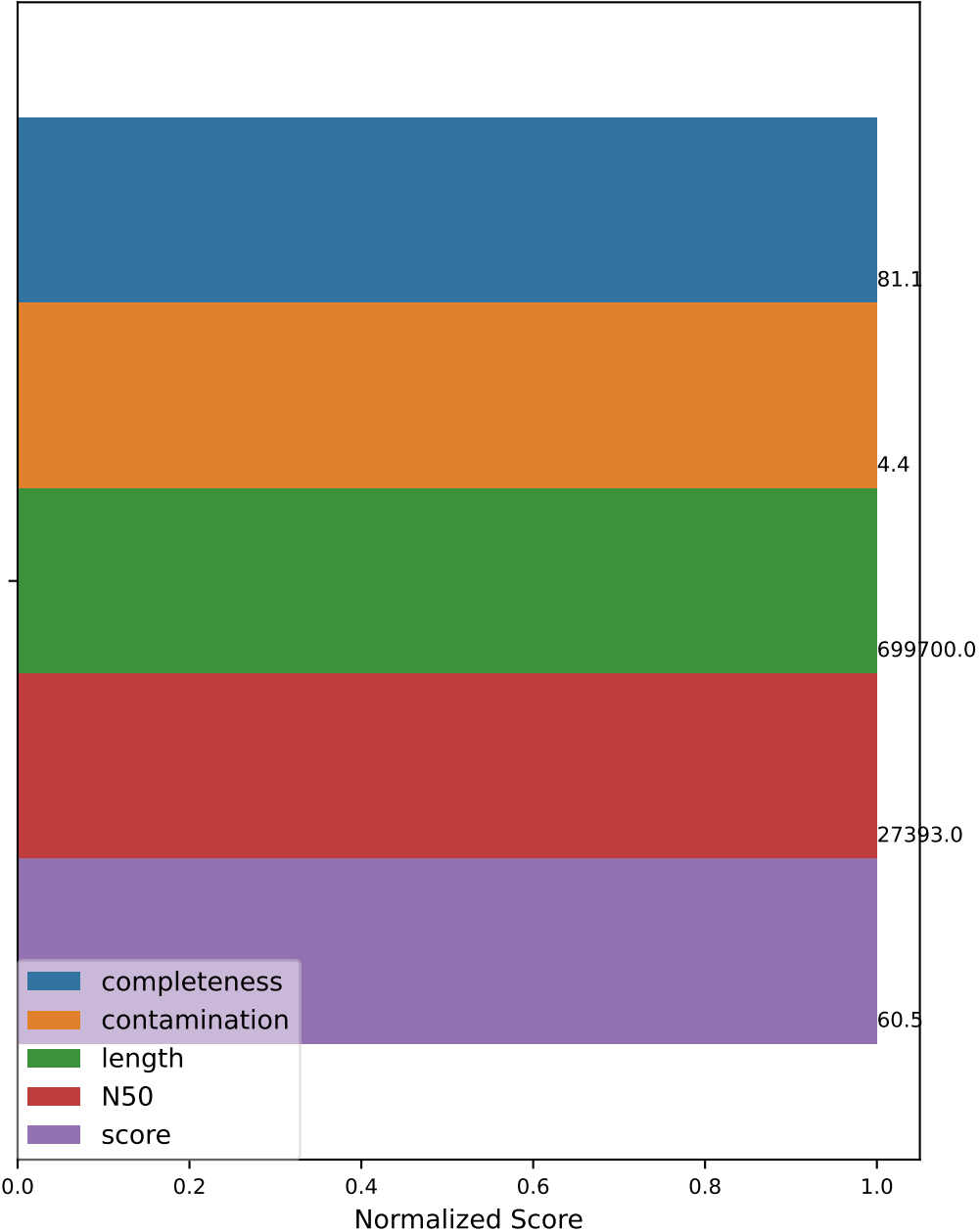
TOBG\_SAT-139.fna \*



Scoring of cluster 608\_0

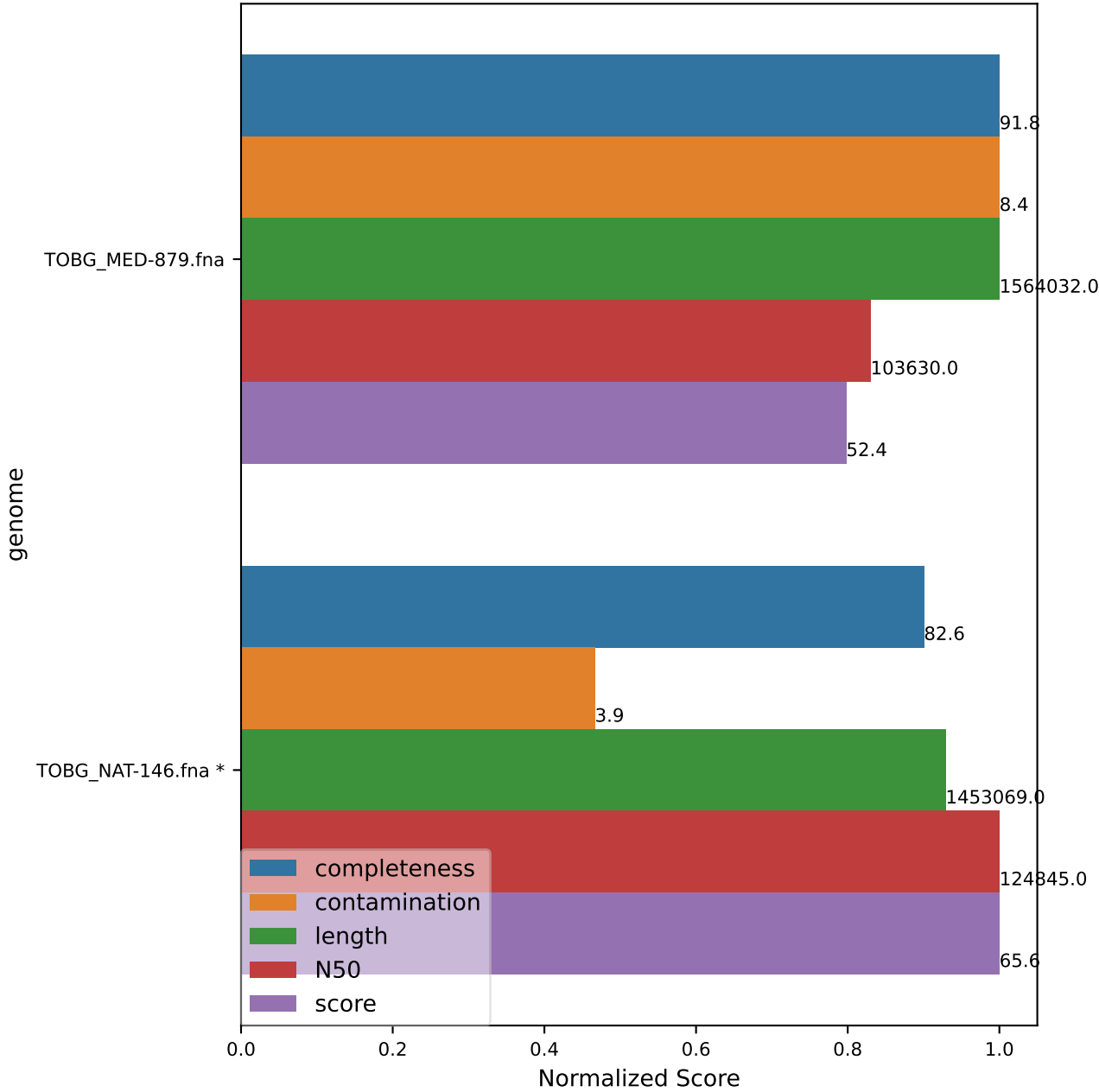
genome

TOBG\_SP-3992.fna \*





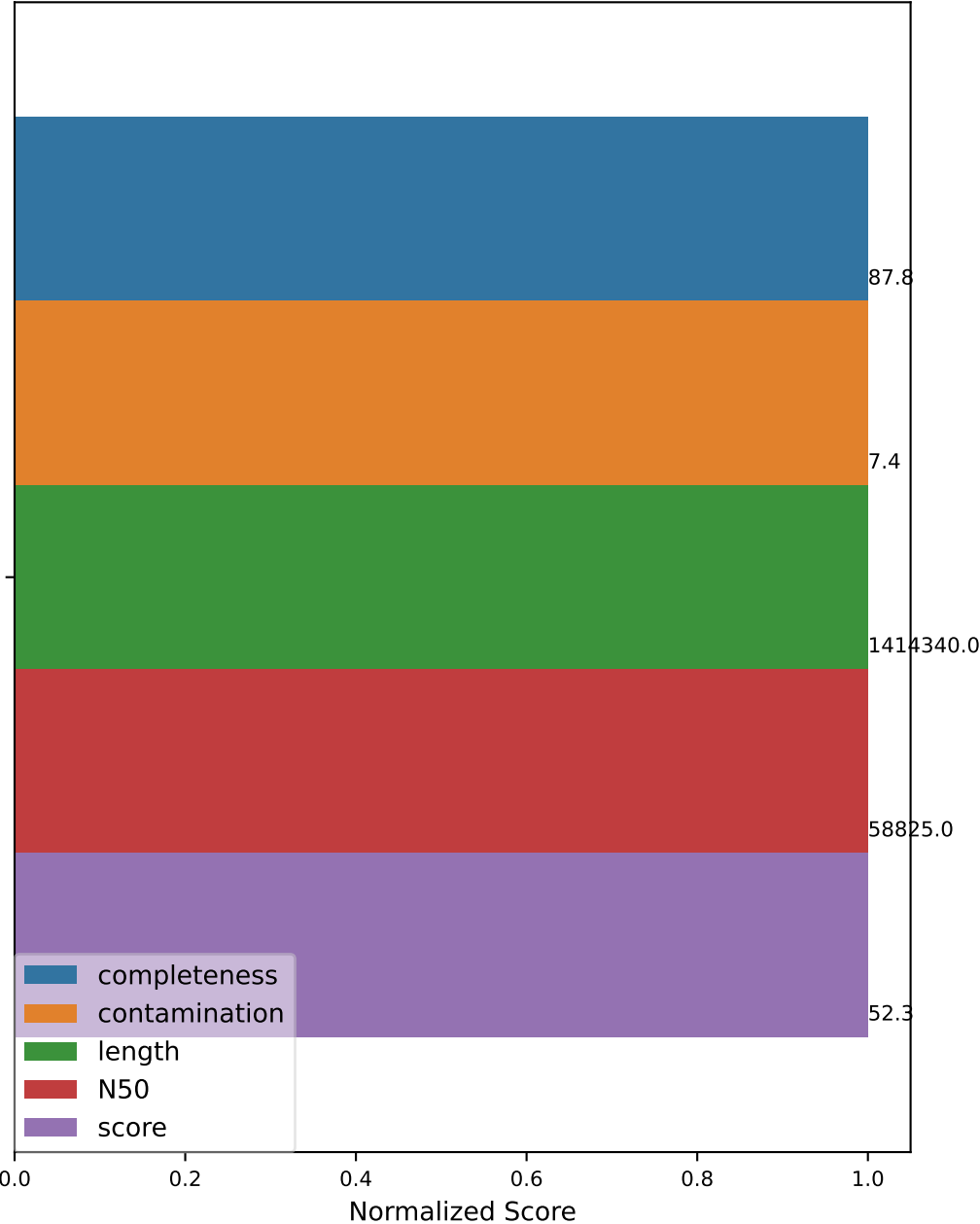
Scoring of cluster 609\_1



Scoring of cluster 610\_0

genome

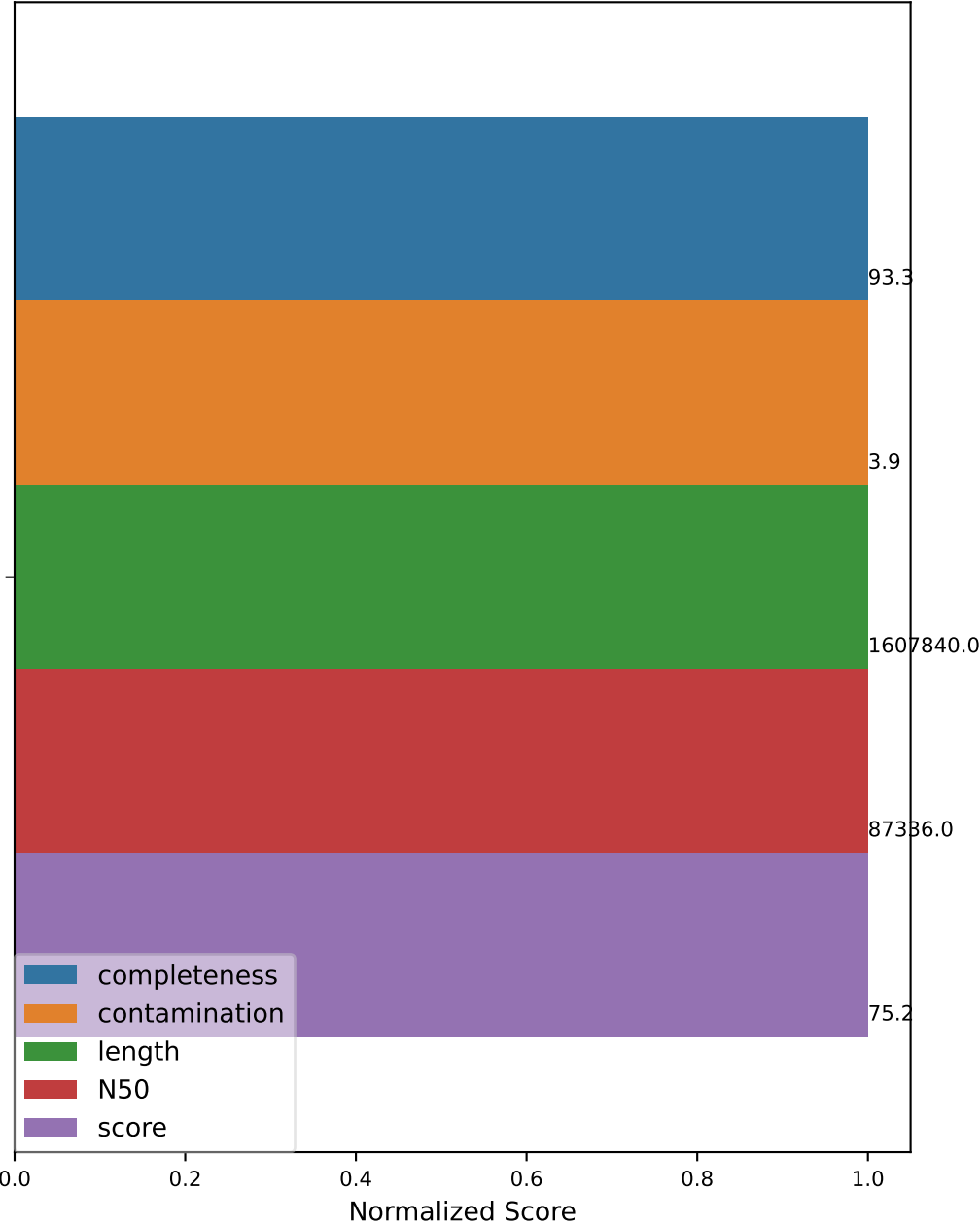
TOBG\_RS-668.fna \*



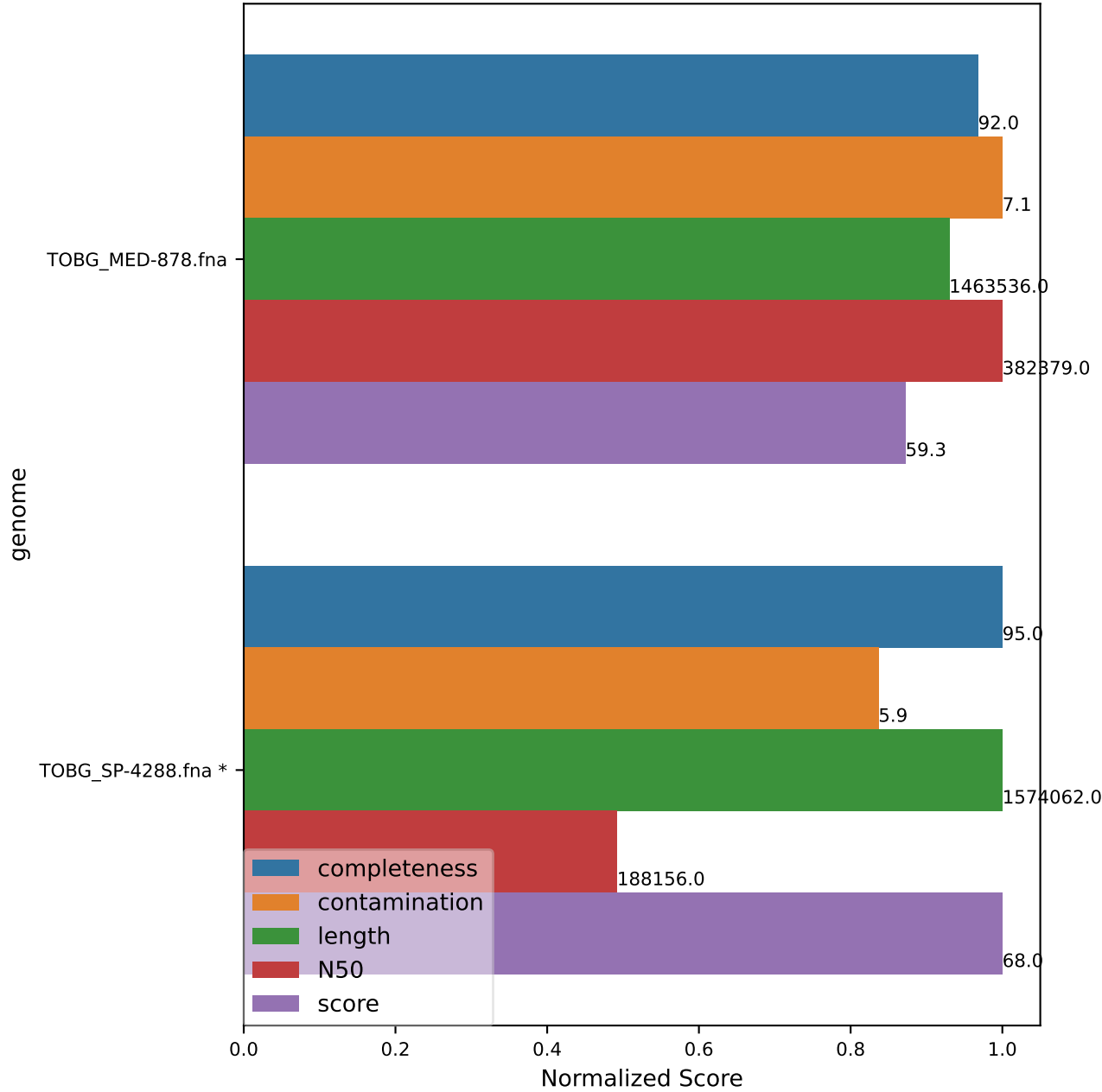
Scoring of cluster 611\_0

genome

TOBG\_MED-766.fna \*



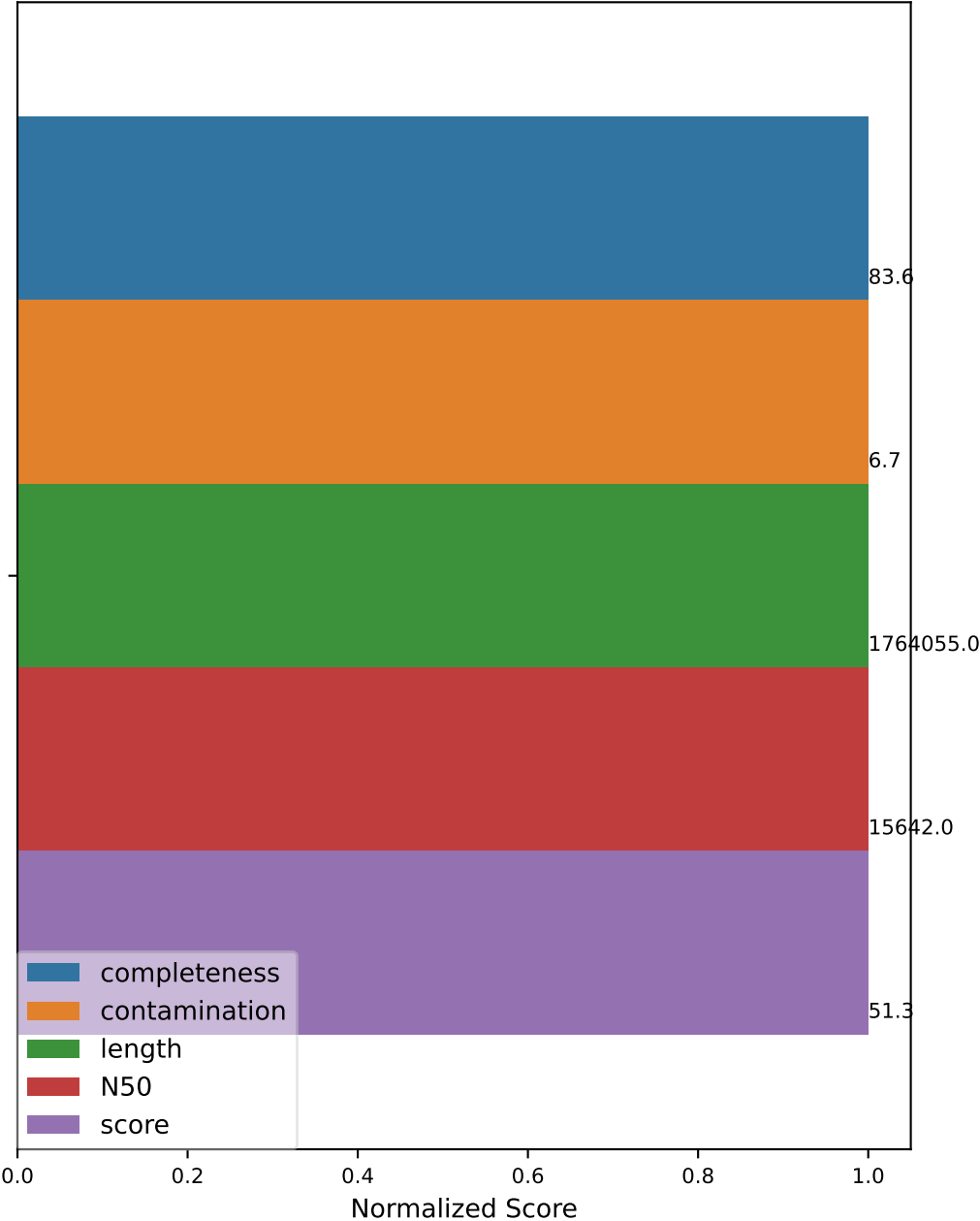
Scoring of cluster 612\_1



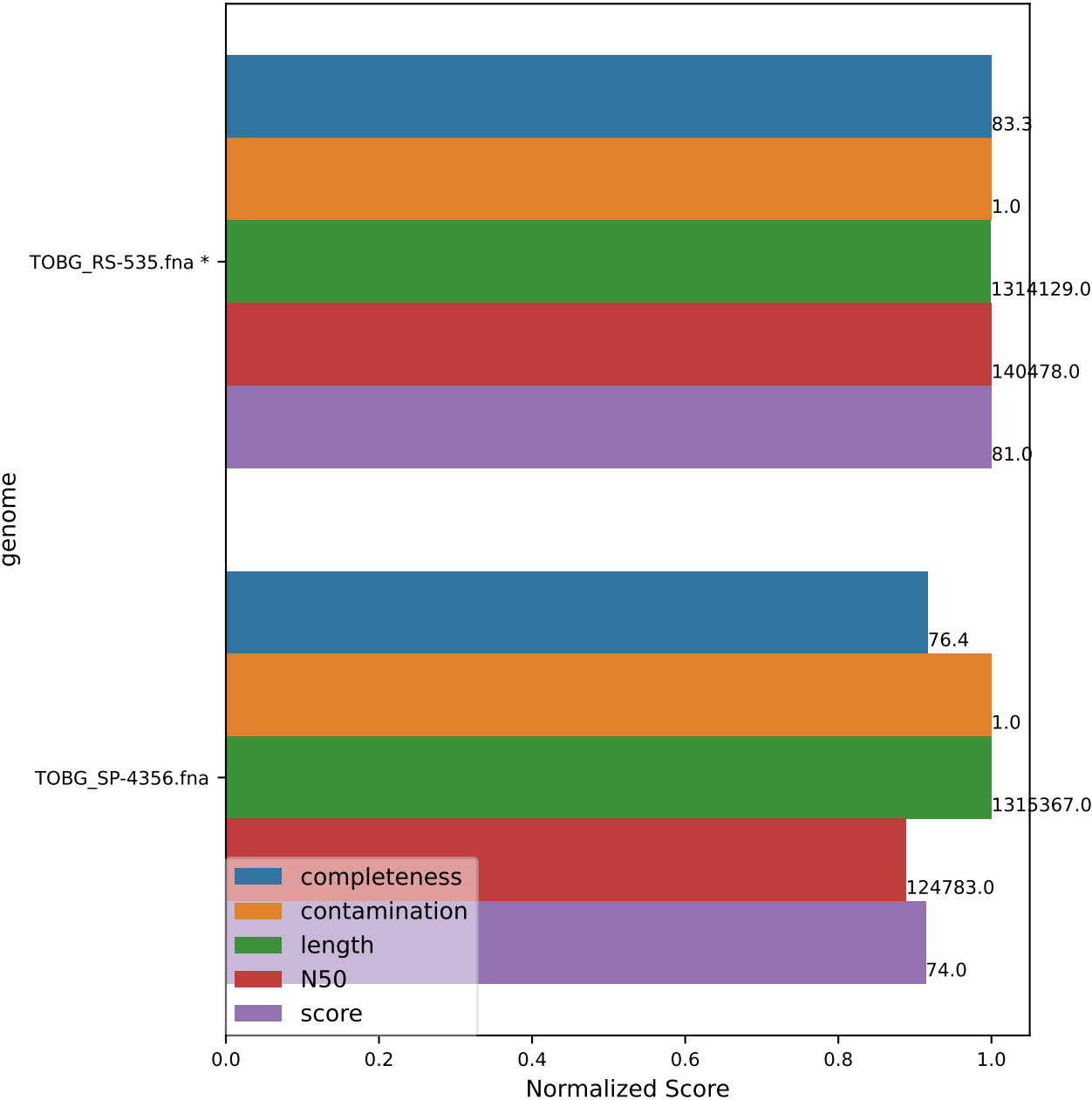
Scoring of cluster 613\_0

genome

TOBG\_CPC-1232.fna \*



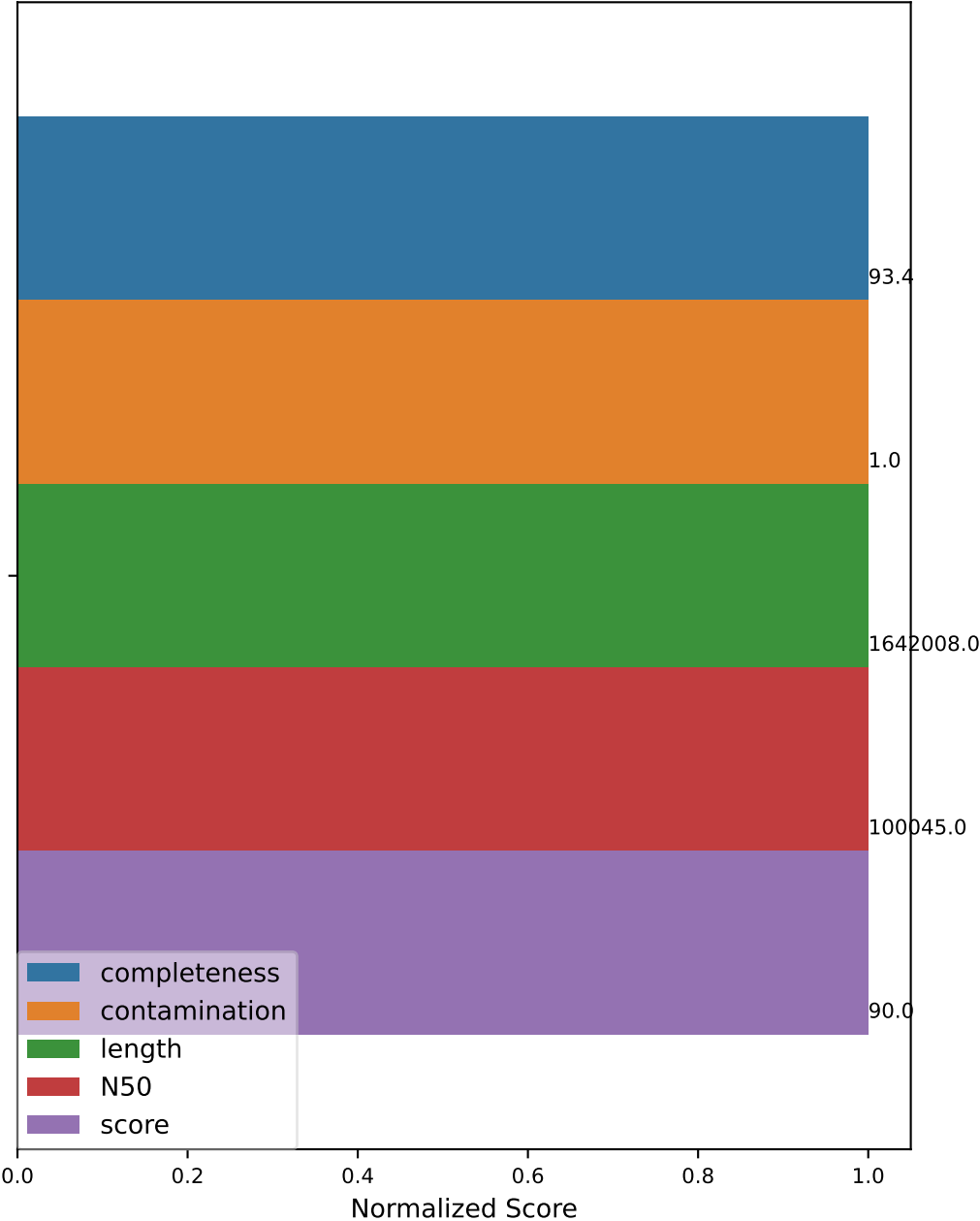
Scoring of cluster 614\_1



Scoring of cluster 615\_0

genome

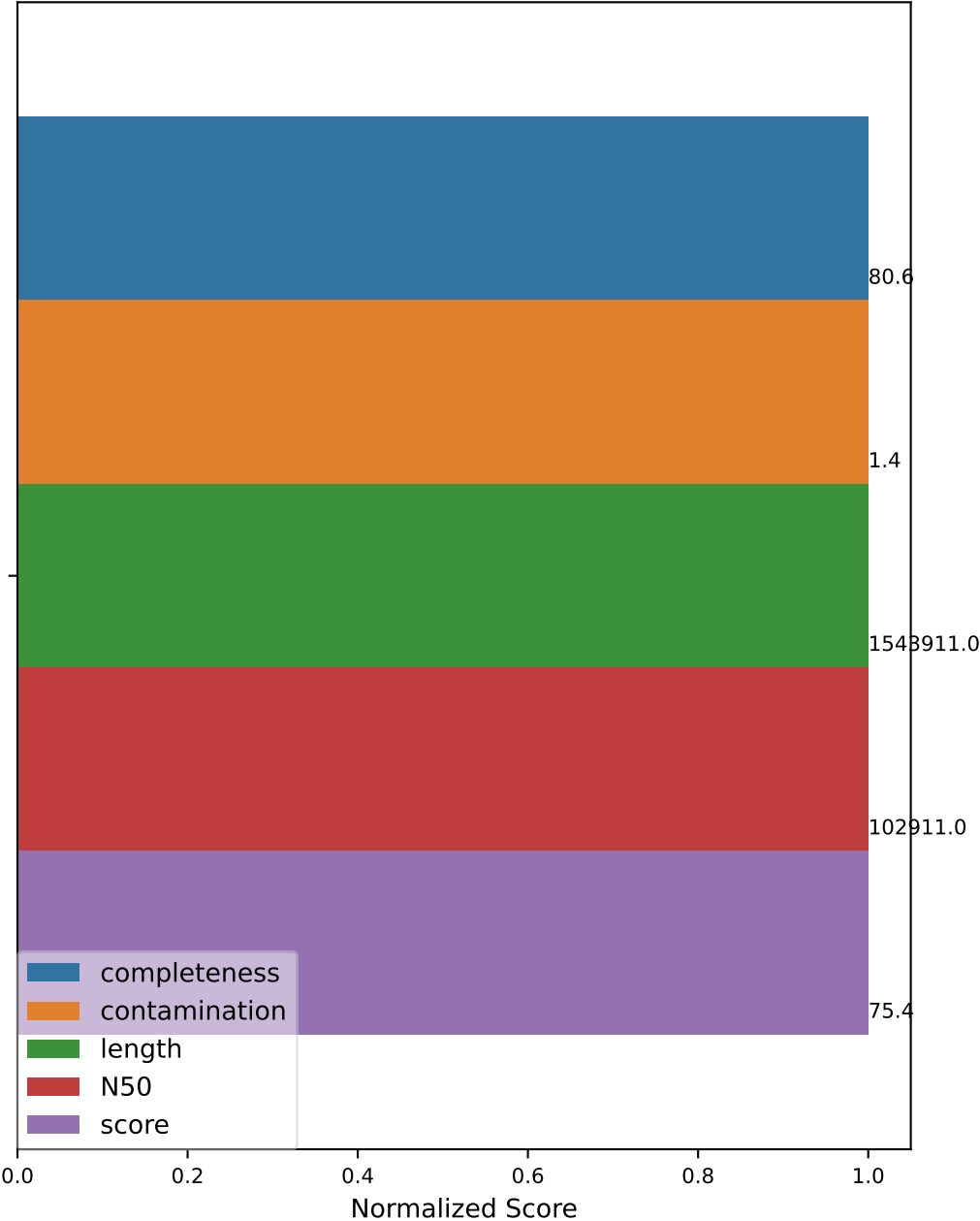
TOBG\_SAT-228.fna \*



Scoring of cluster 616\_0

genome

TOBG\_MED-591.fna \*

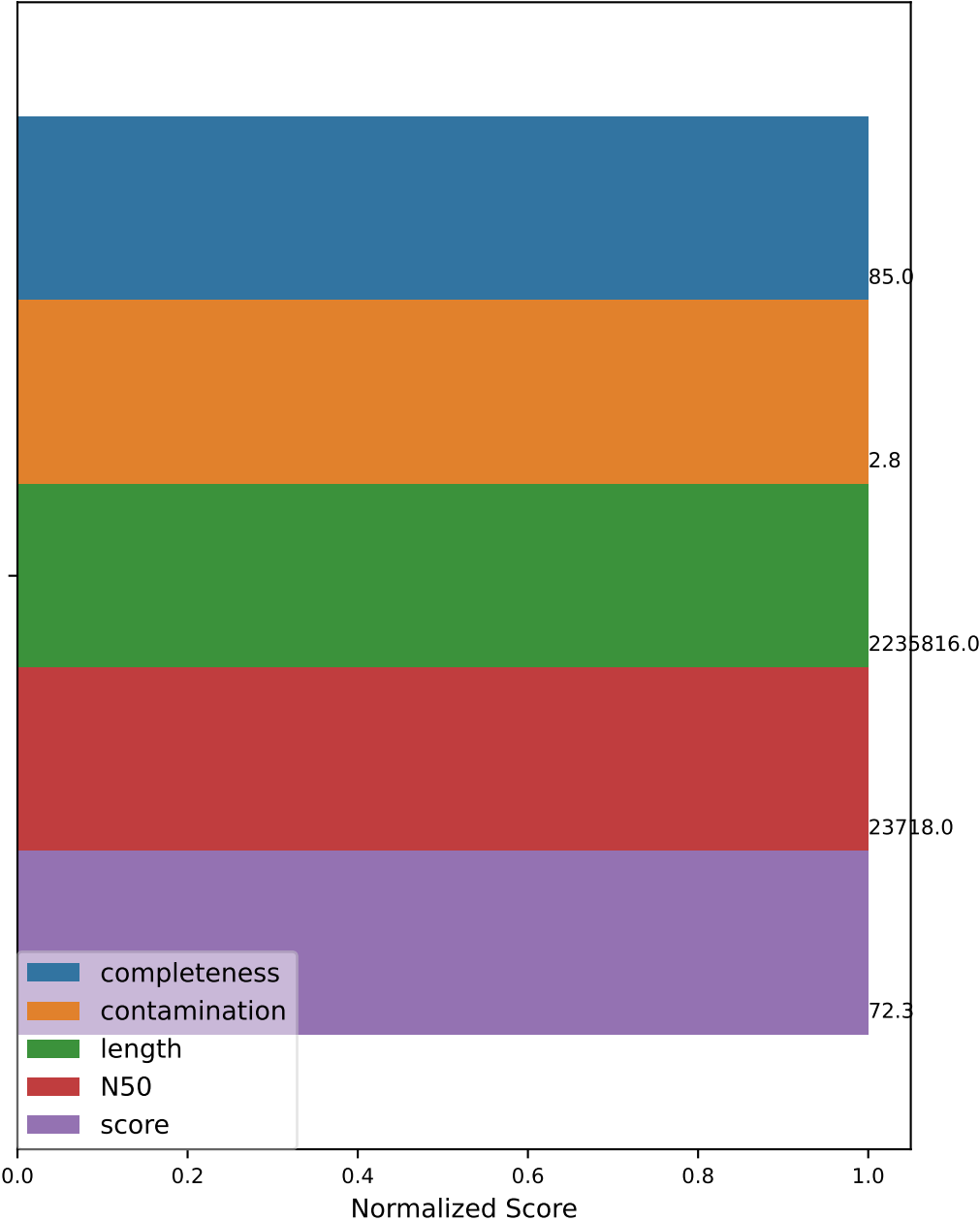




Scoring of cluster 617\_0

genome

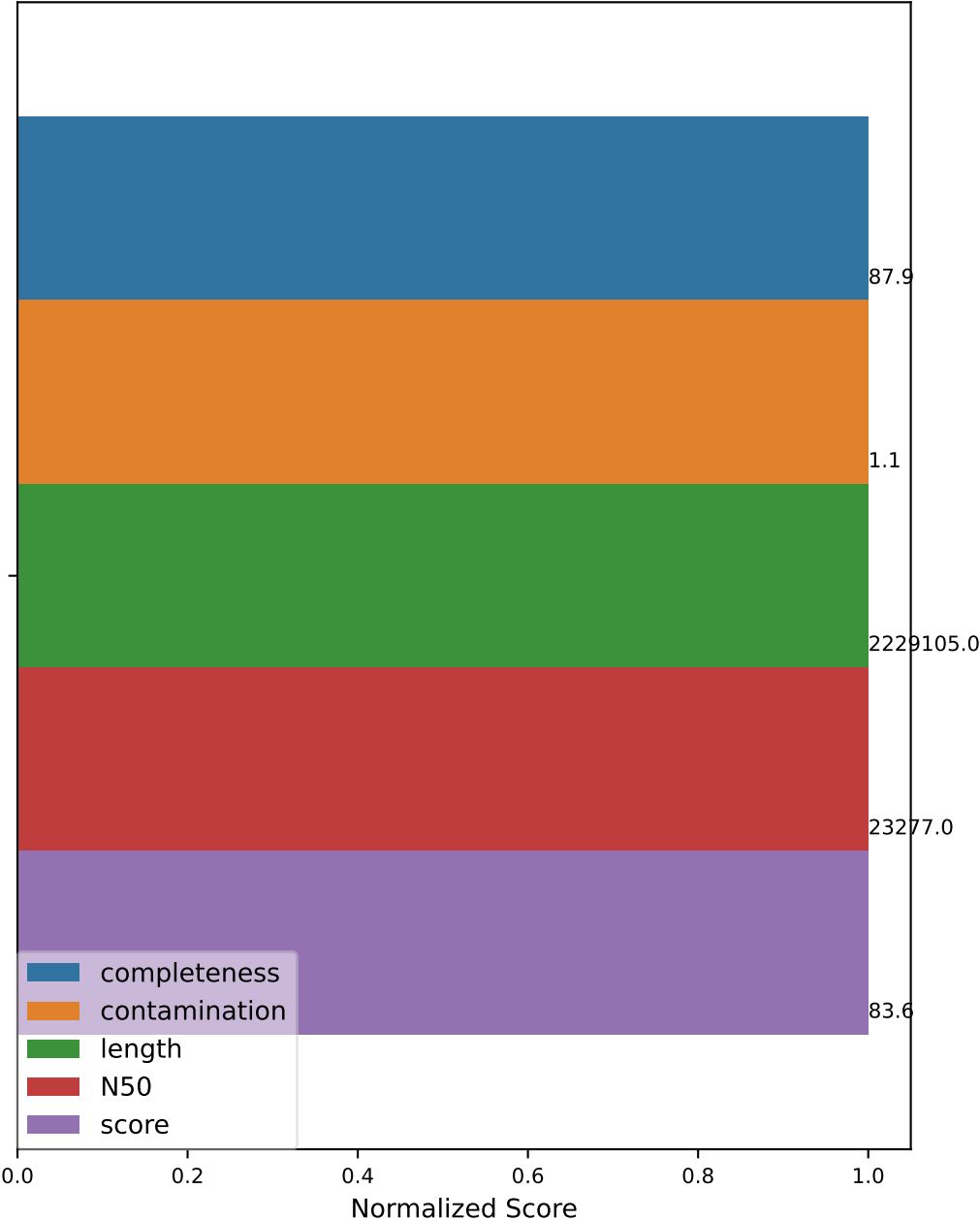
TOBG\_SAT-185.fna \*



Scoring of cluster 618\_0

genome

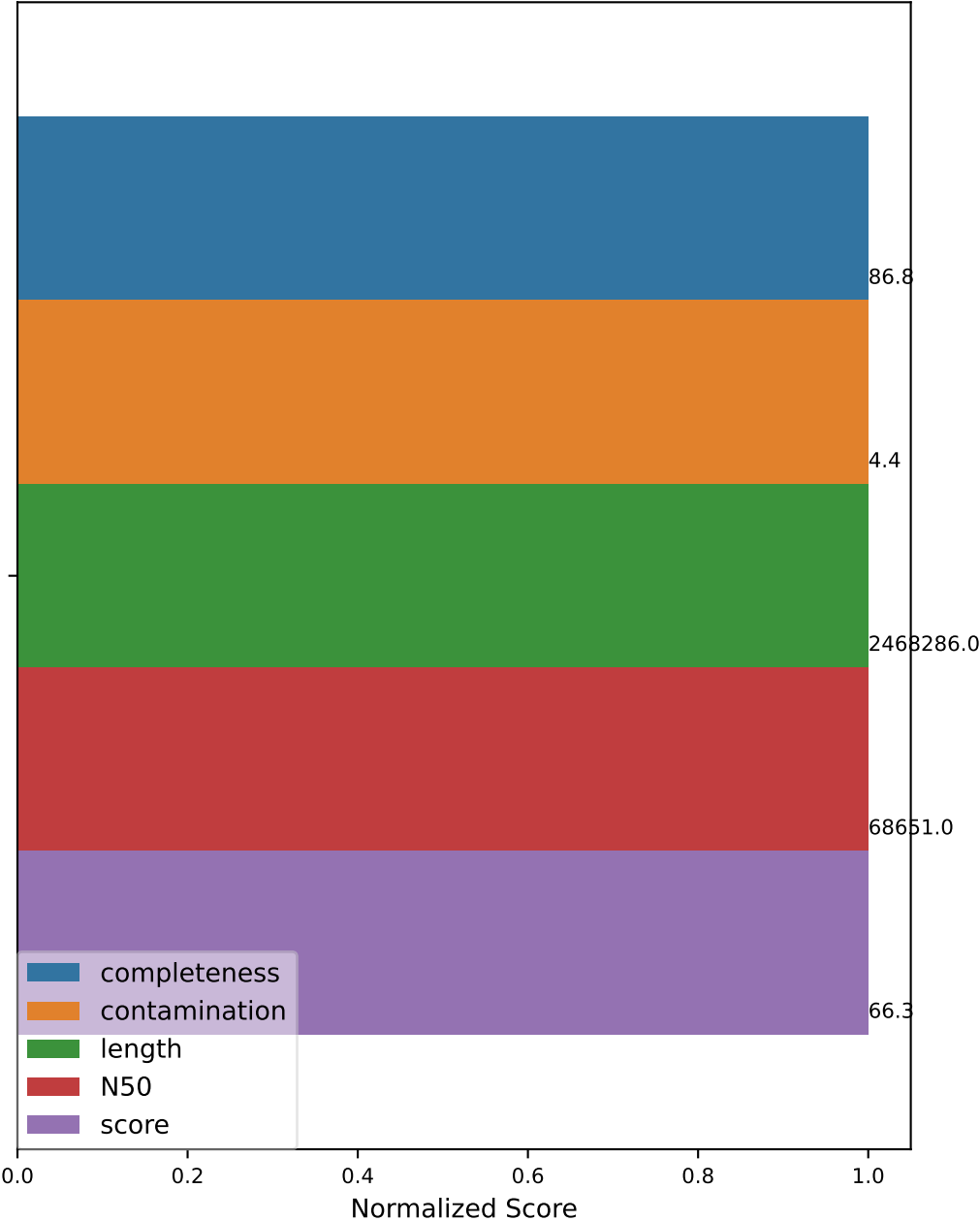
TOBG\_MED-648.fna \*



Scoring of cluster 619\_0

genome

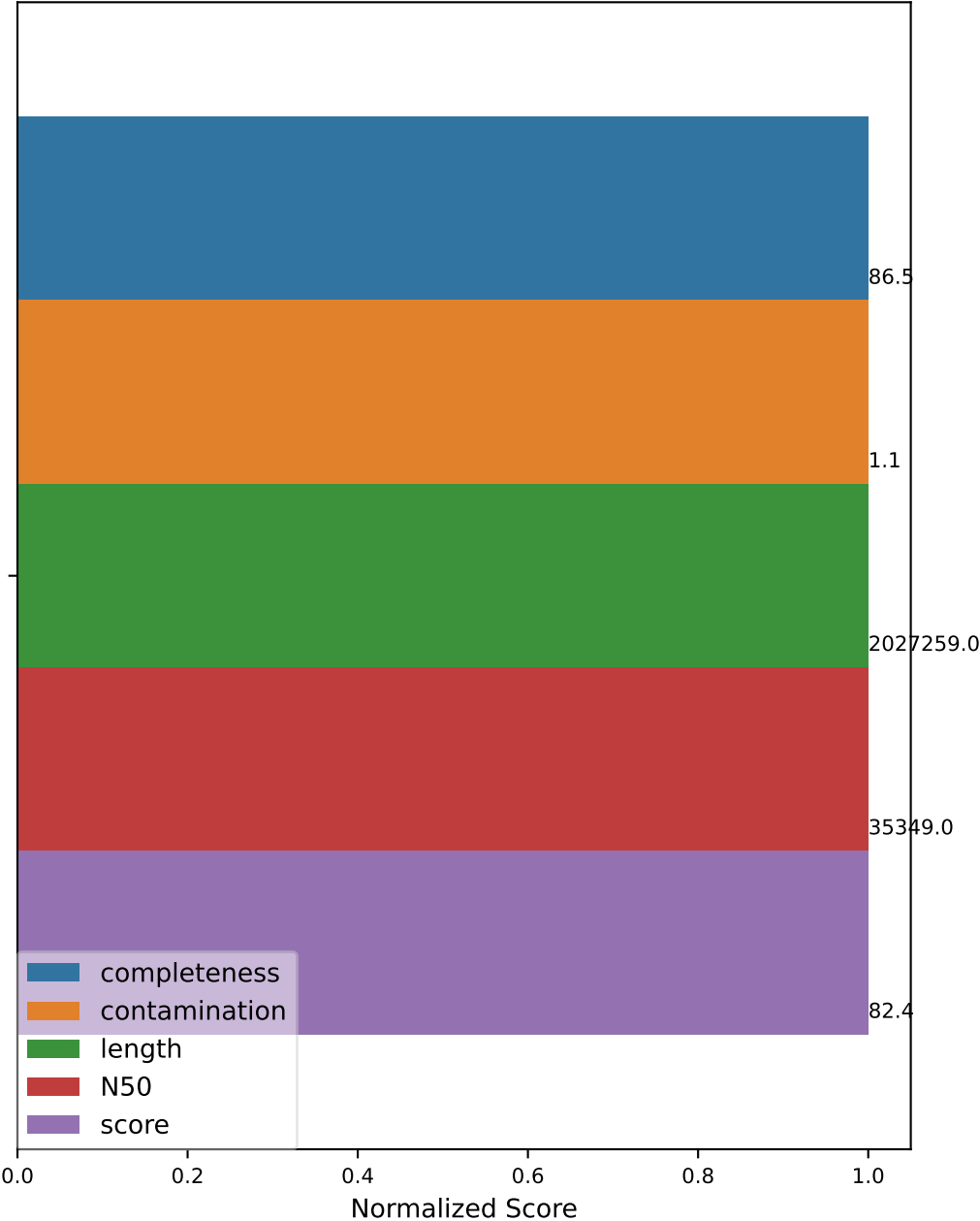
TOBG\_SP-173.fna \*



Scoring of cluster 620\_0

genome

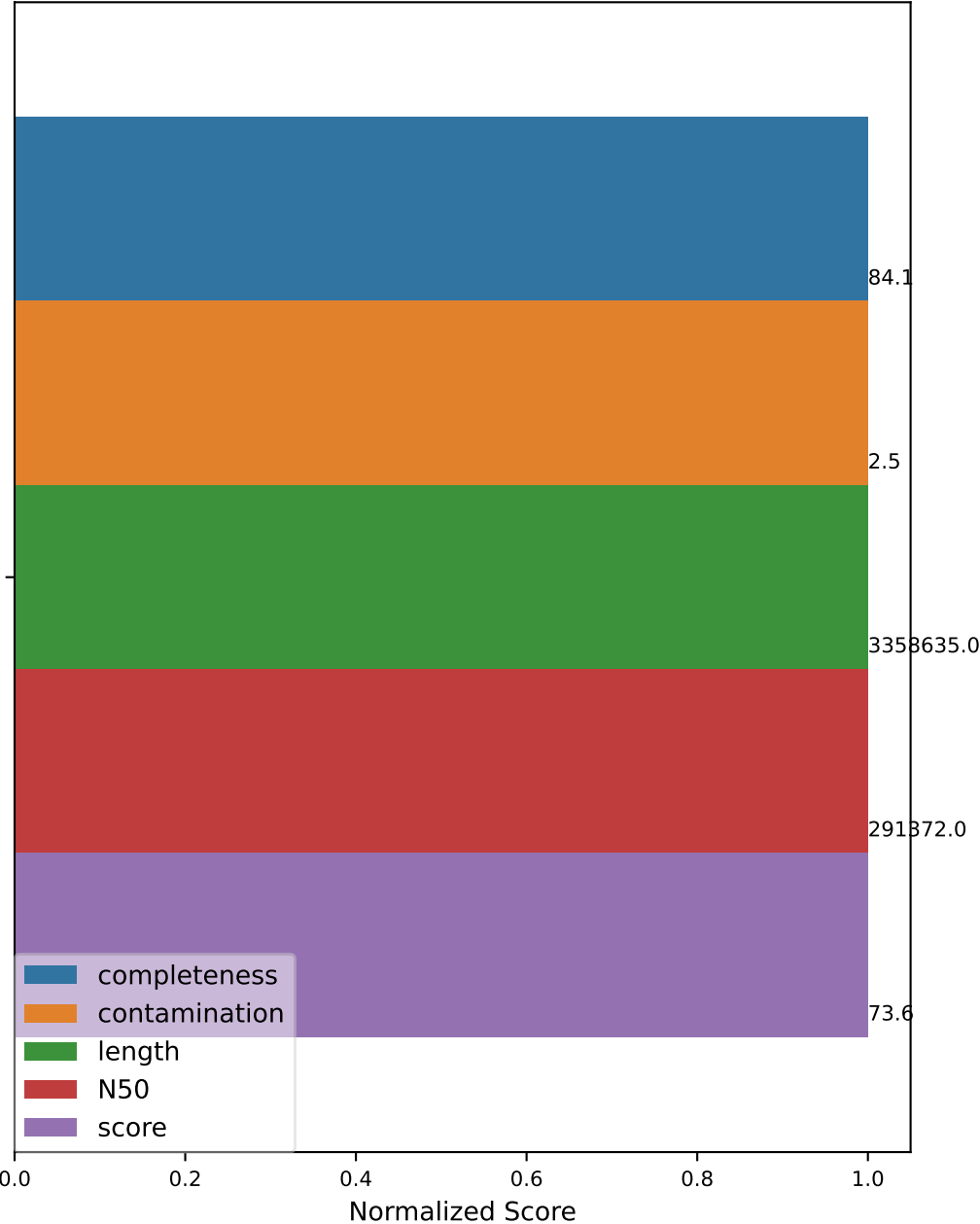
TOBG\_SP-150.fna \*



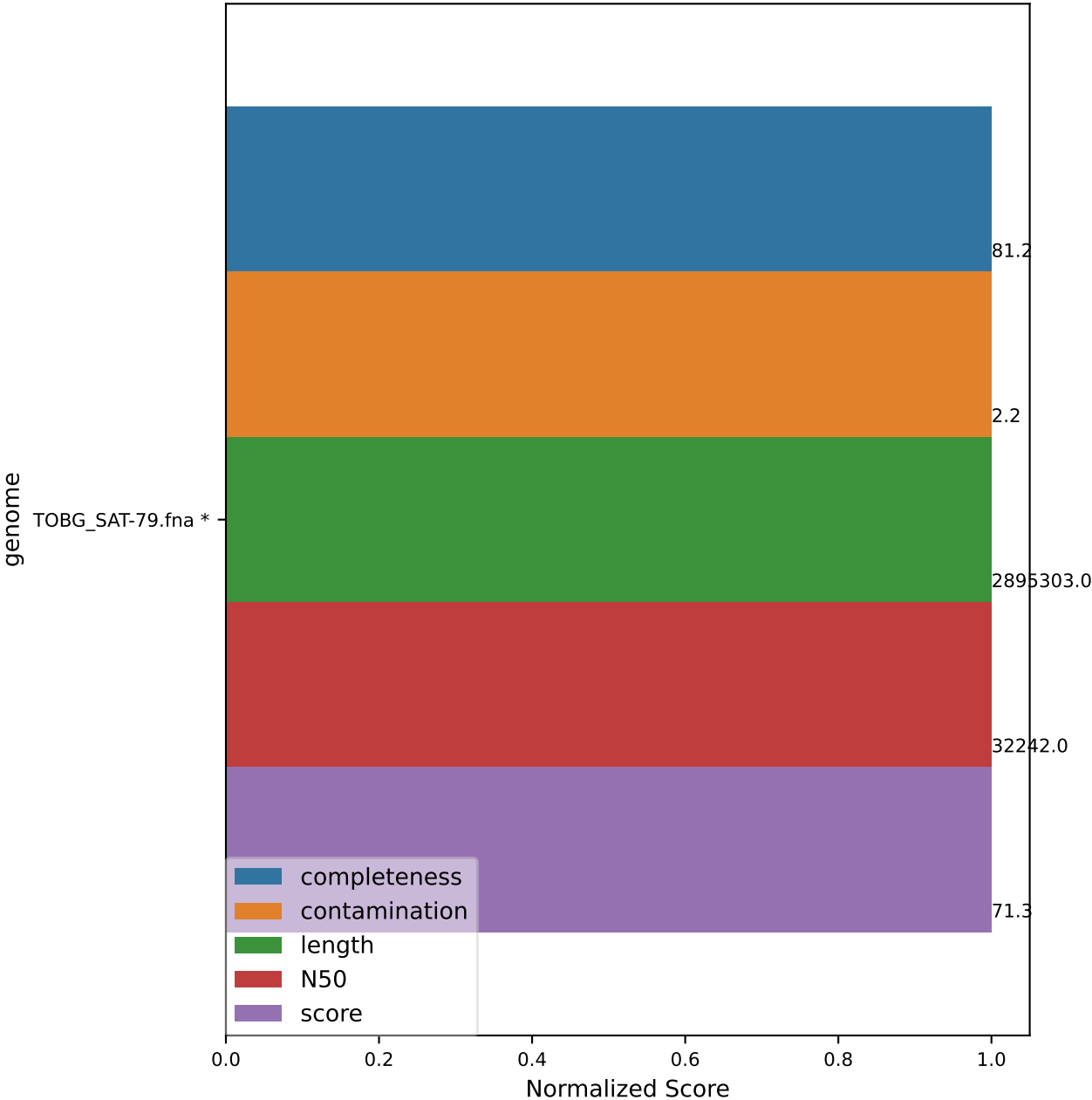
Scoring of cluster 621\_0

genome

TOBG\_SAT-2788.fna \*



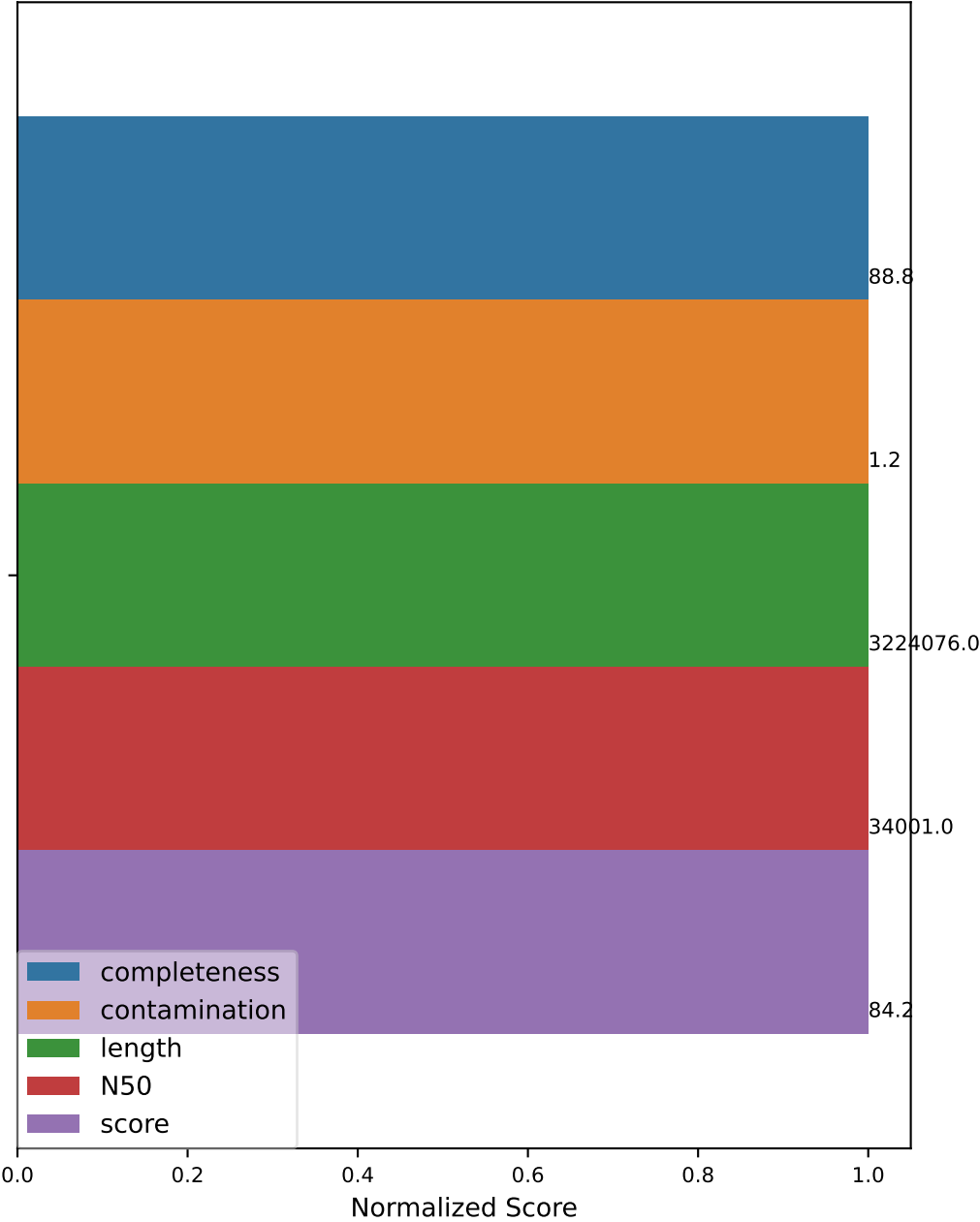
Scoring of cluster 622\_0



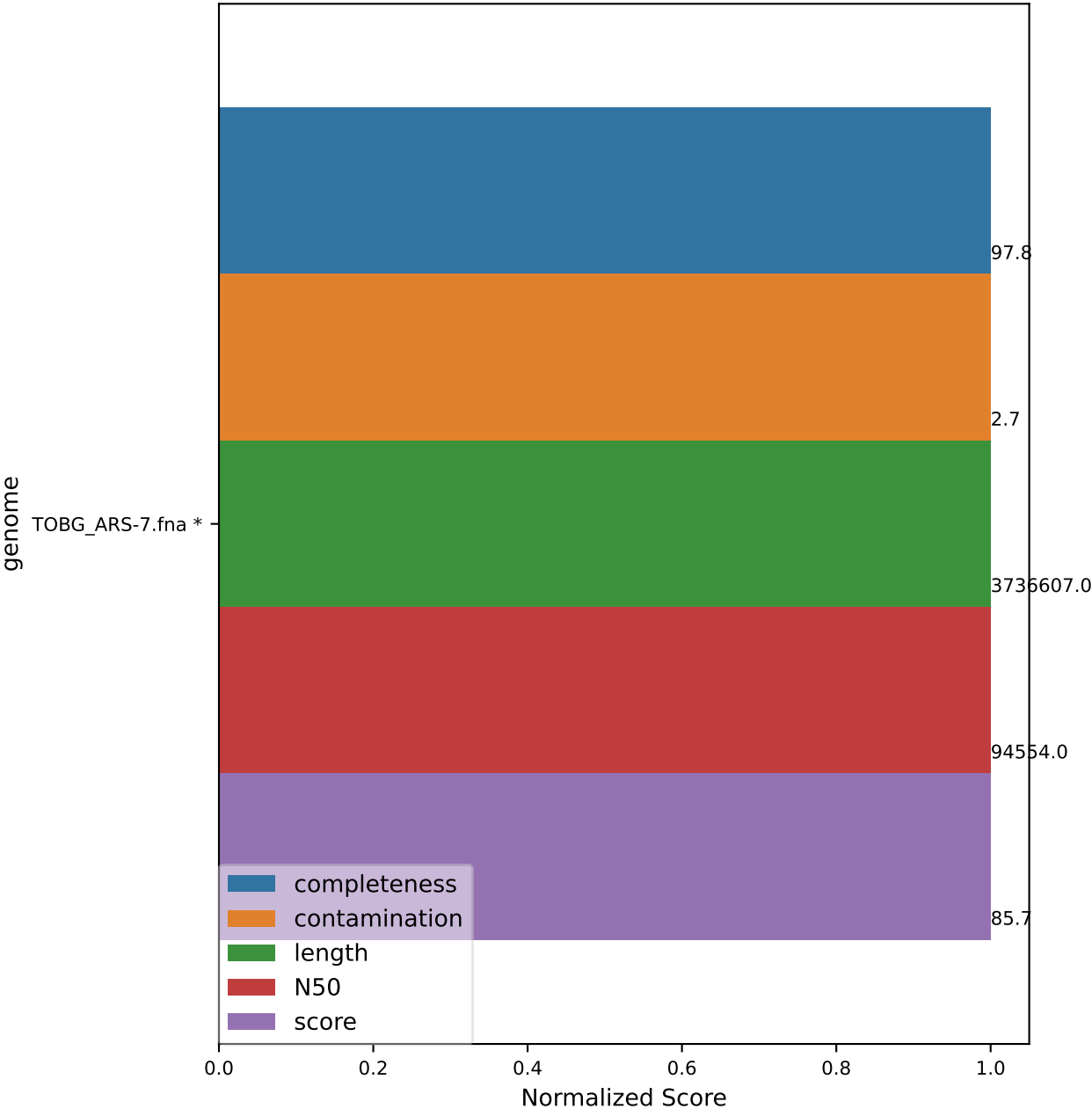
Scoring of cluster 623\_0

genome

TOBG\_SAT-39.fna \*

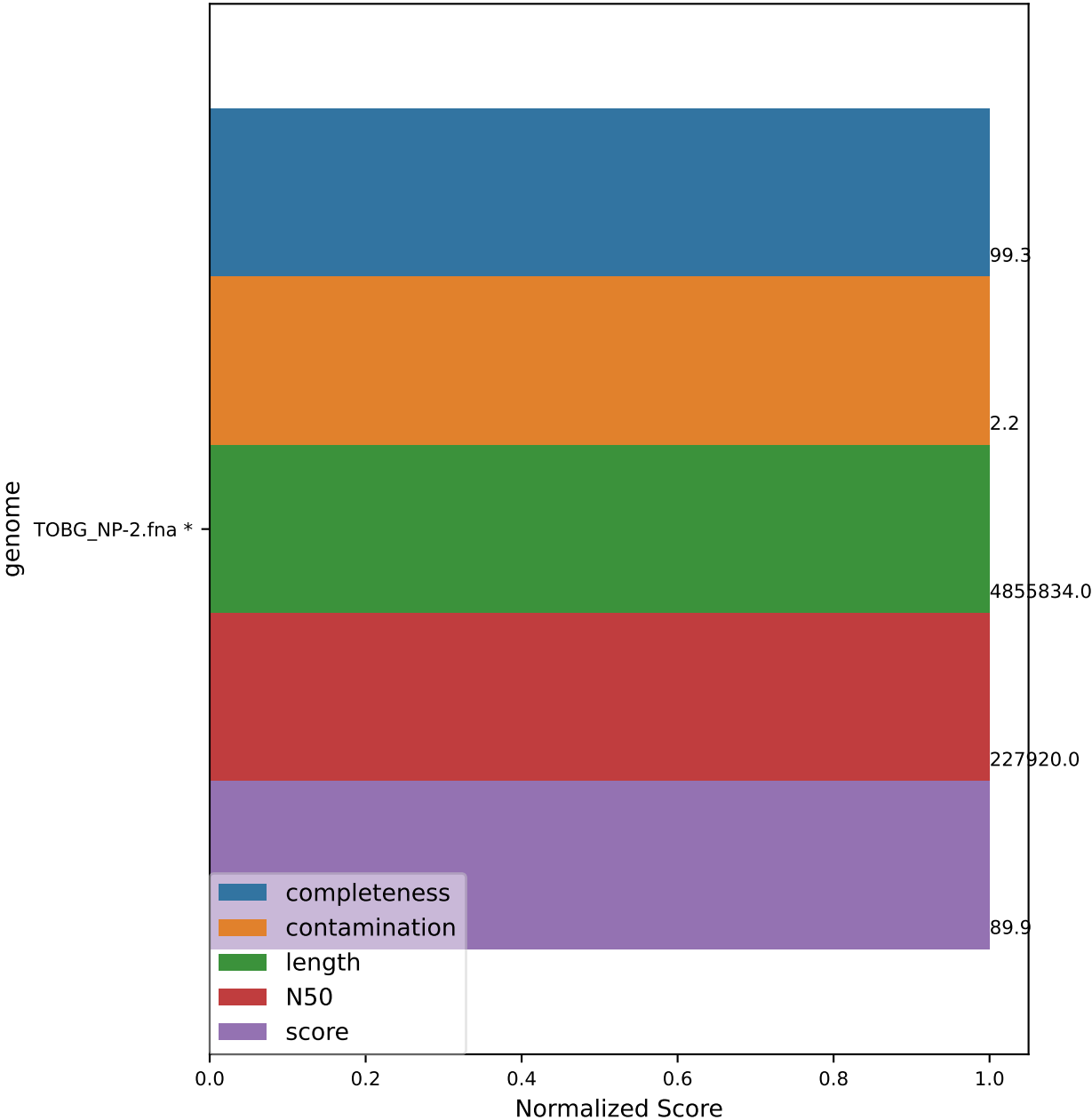


Scoring of cluster 624\_0





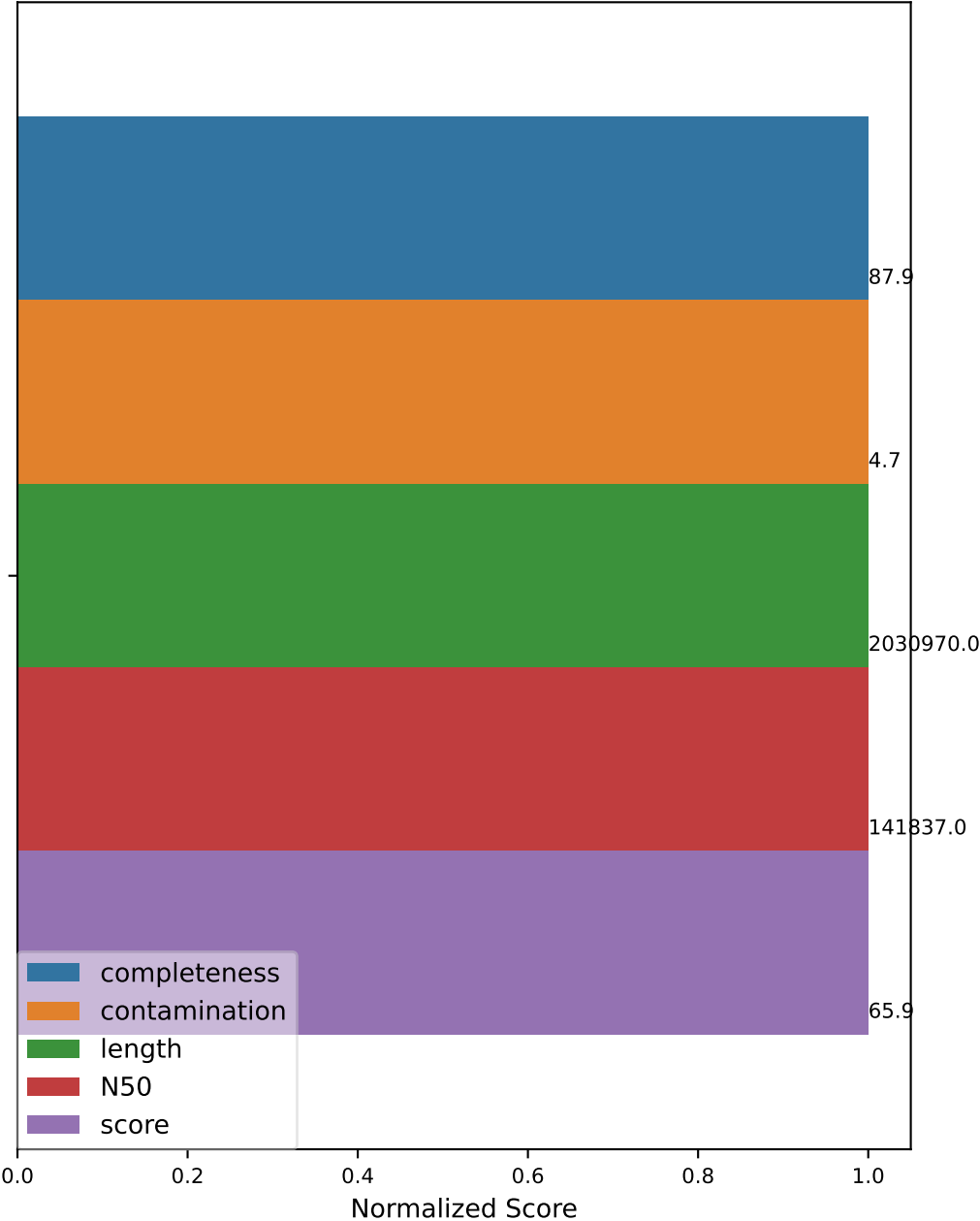
Scoring of cluster 625\_0

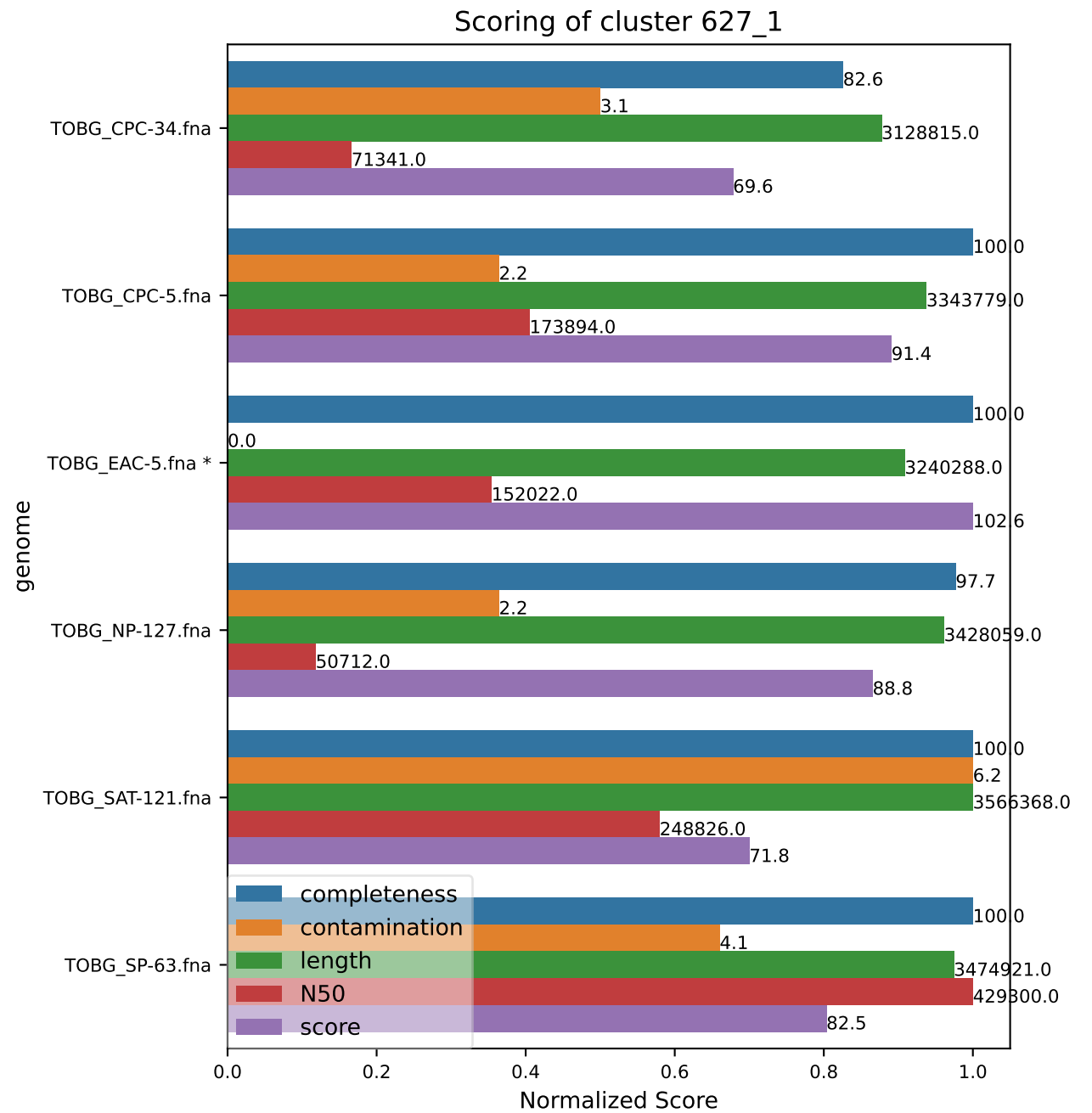


Scoring of cluster 626\_0

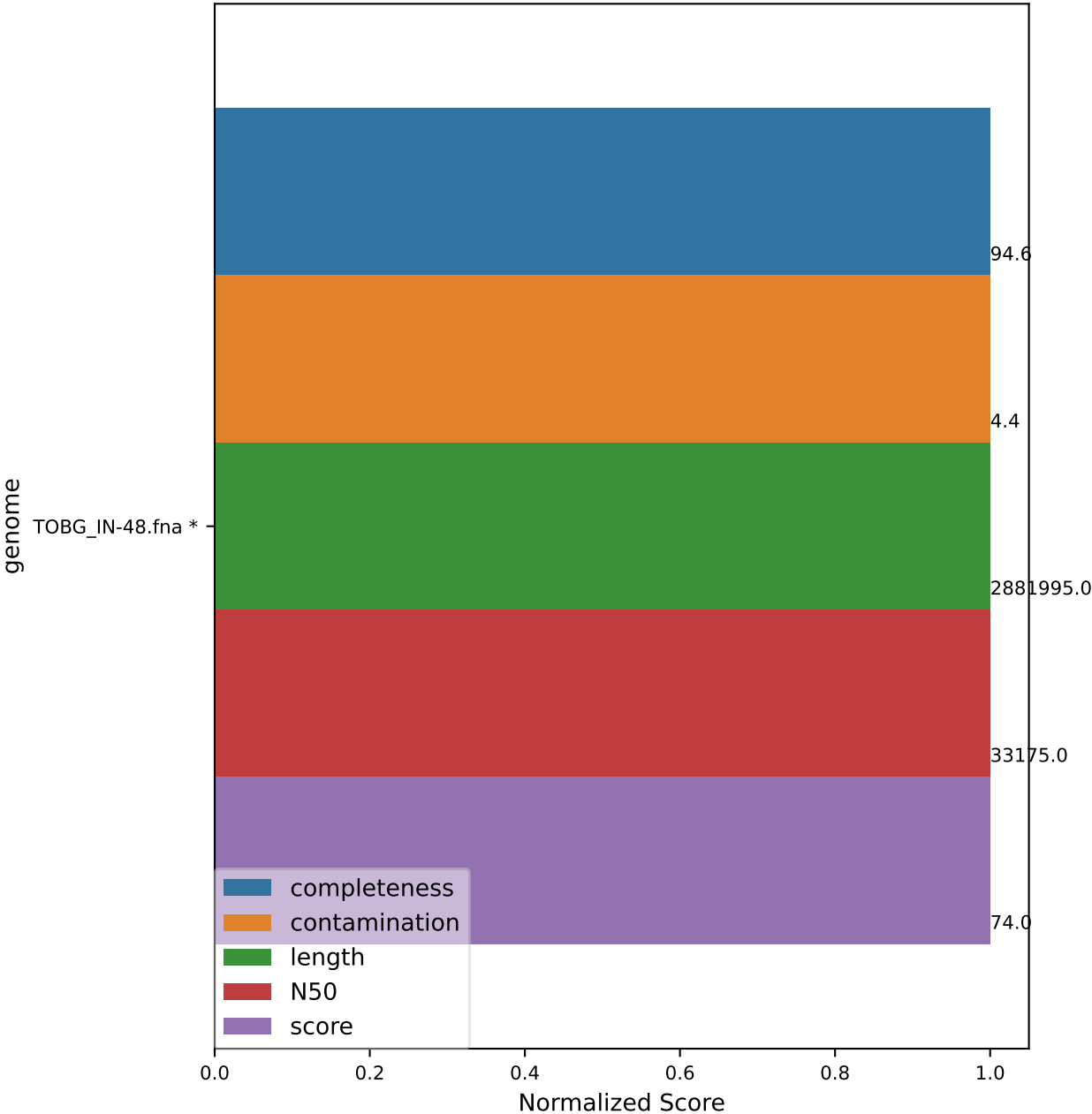
genome

TOBG\_SP-358.fna \*





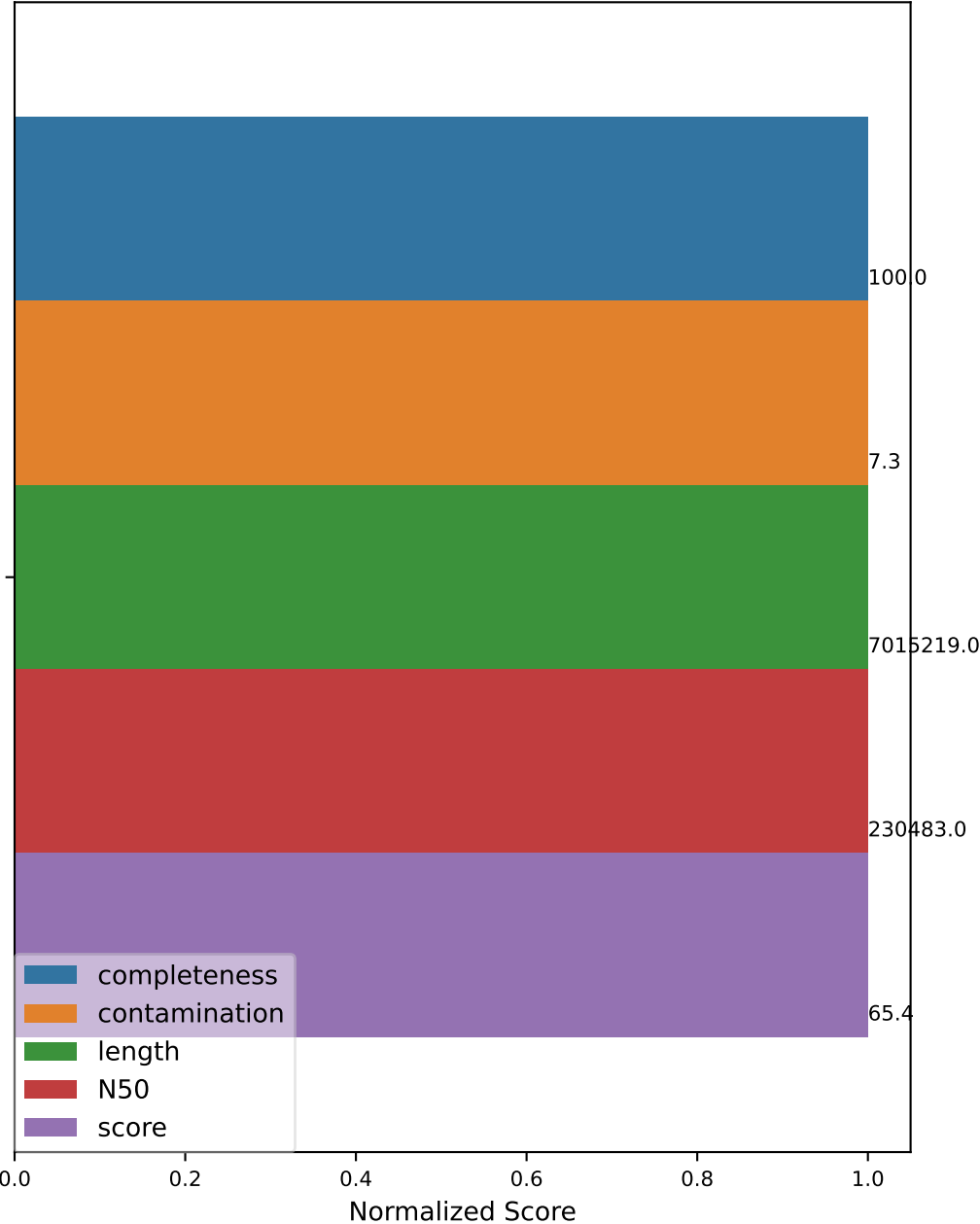
Scoring of cluster 628\_0



Scoring of cluster 629\_0

genome

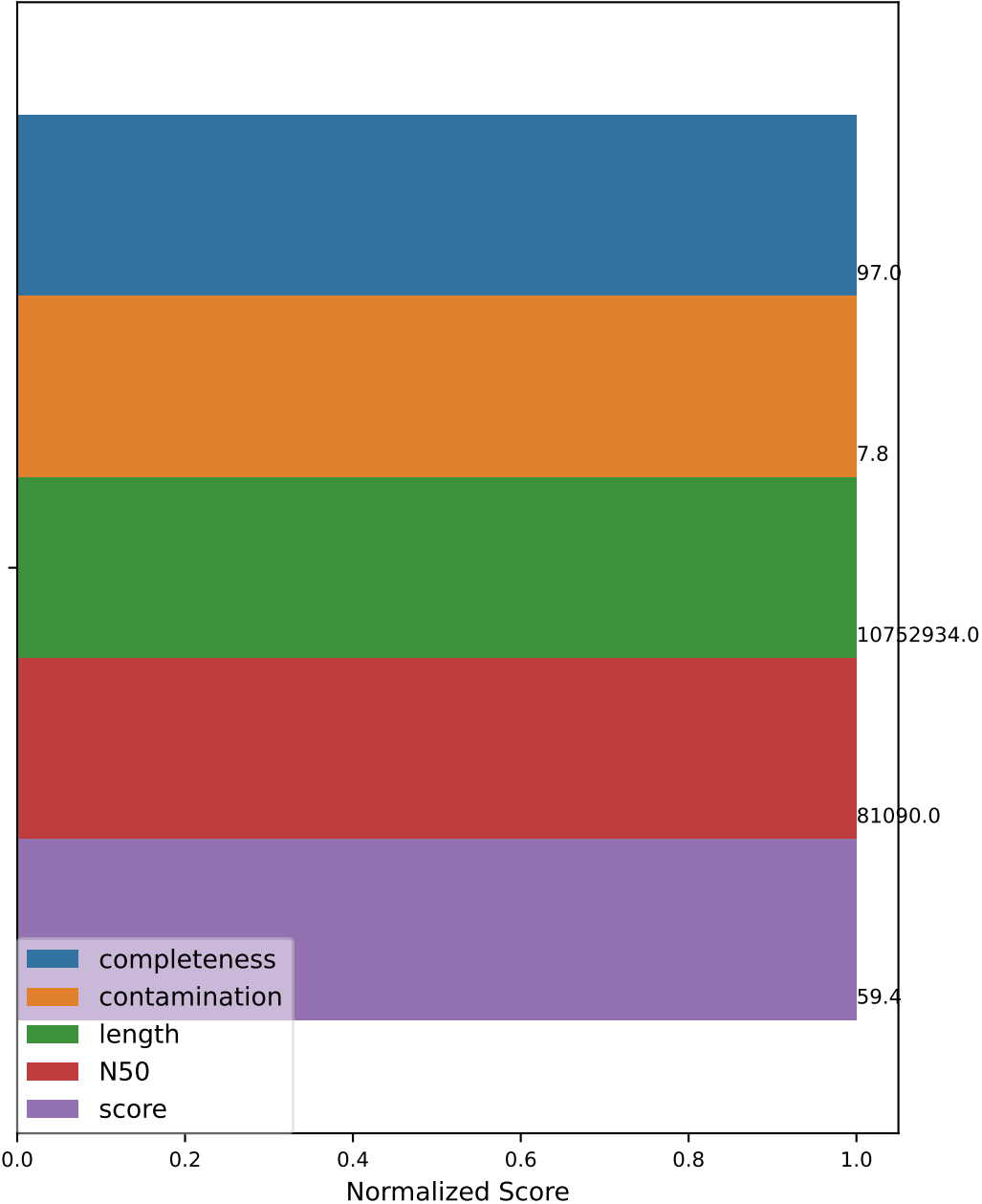
TOBG\_NAT-23.fna \*



Scoring of cluster 630\_0

genome

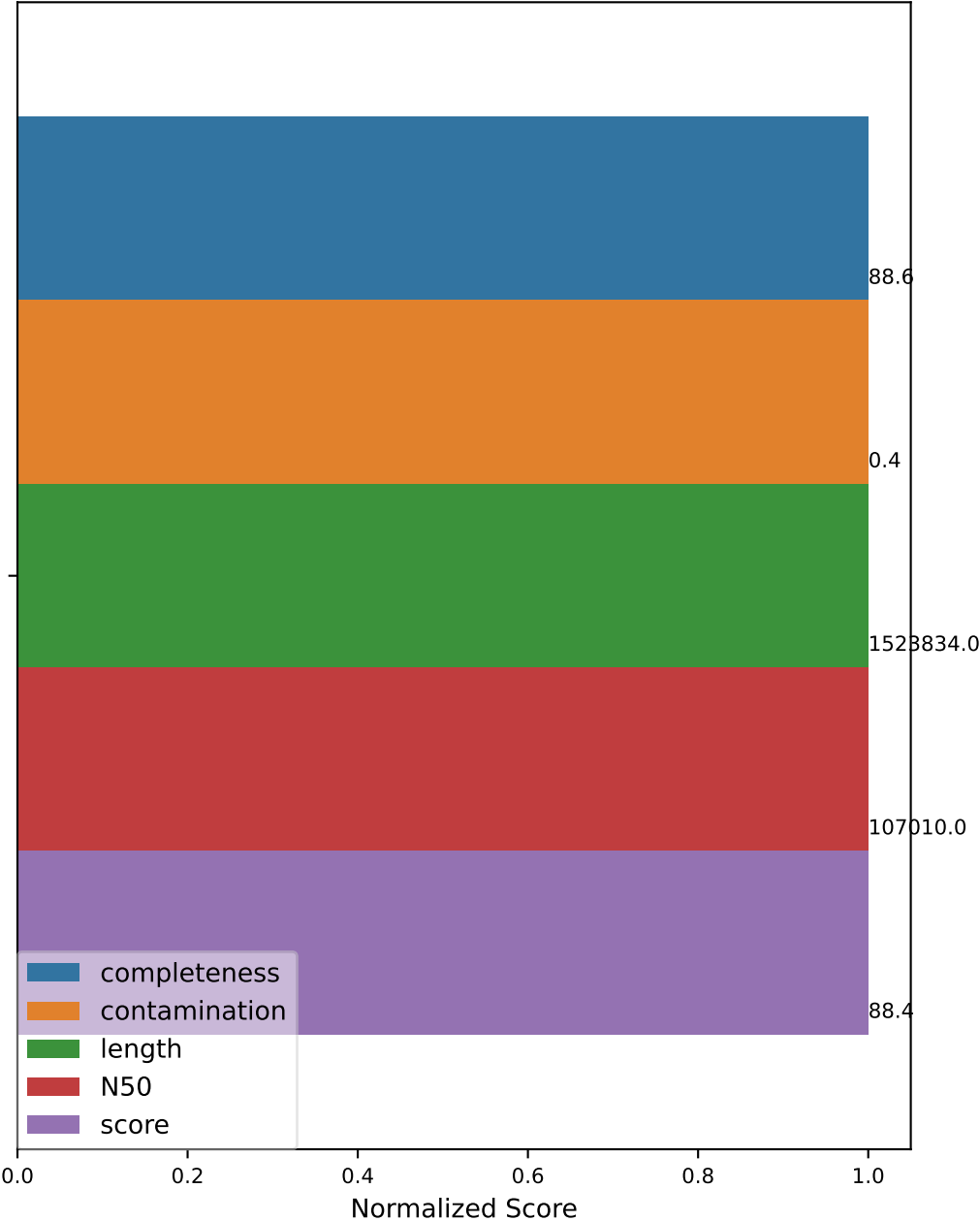
TOBG\_NP-119.fna \*



Scoring of cluster 631\_0

genome

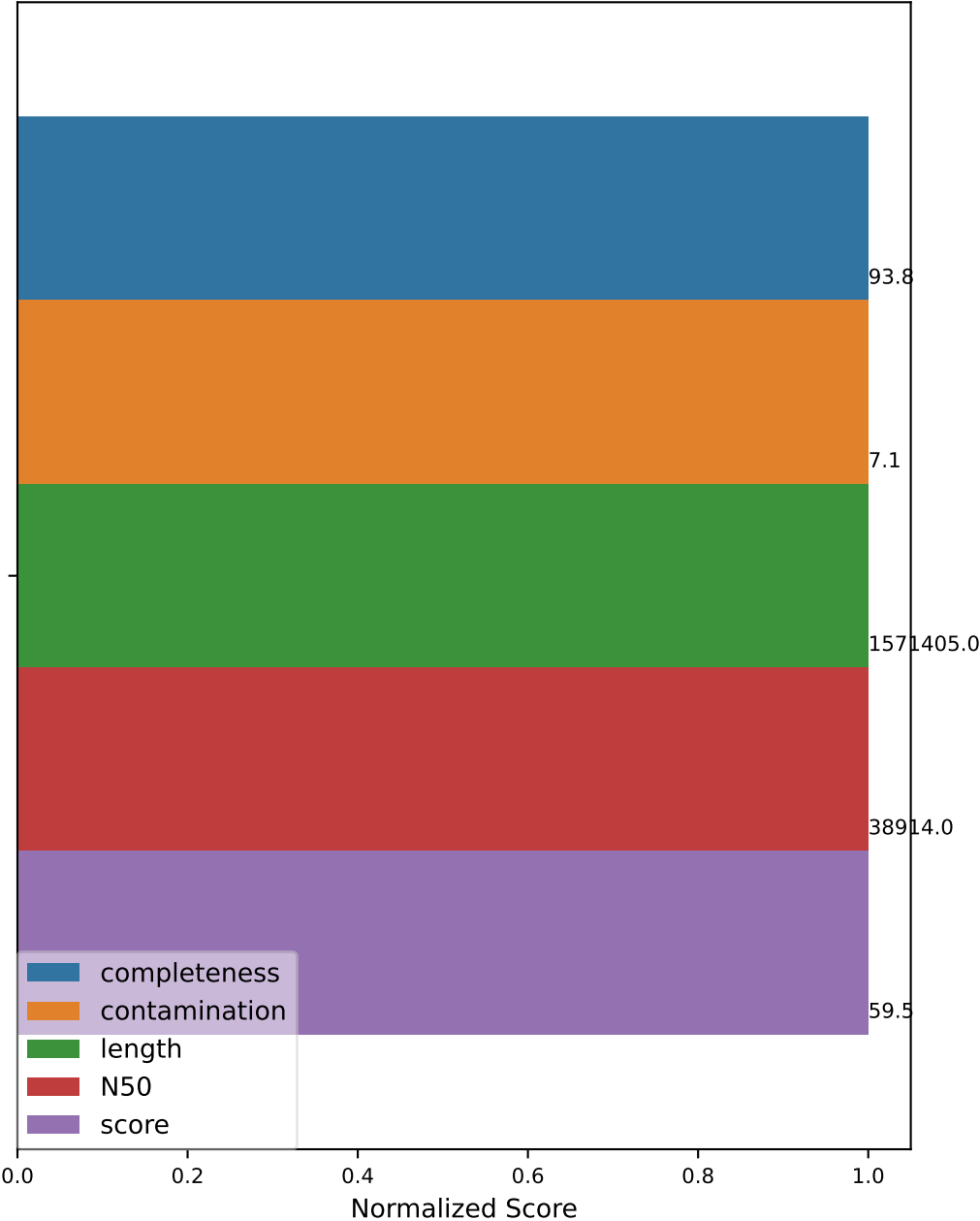
TOBG\_SAT-135.fna \*



Scoring of cluster 632\_0

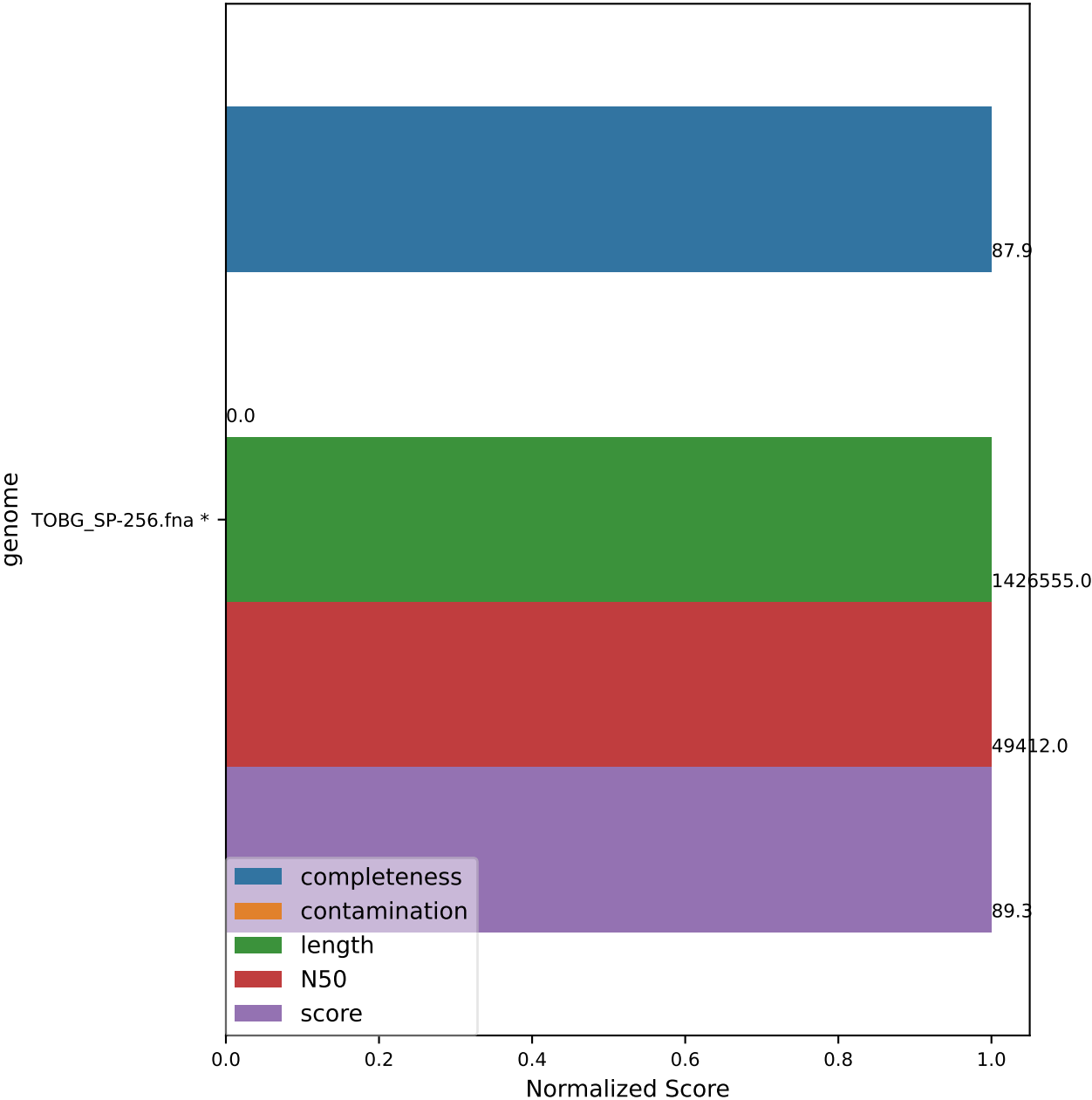
genome

TOBG\_SAT-1388.fna \*

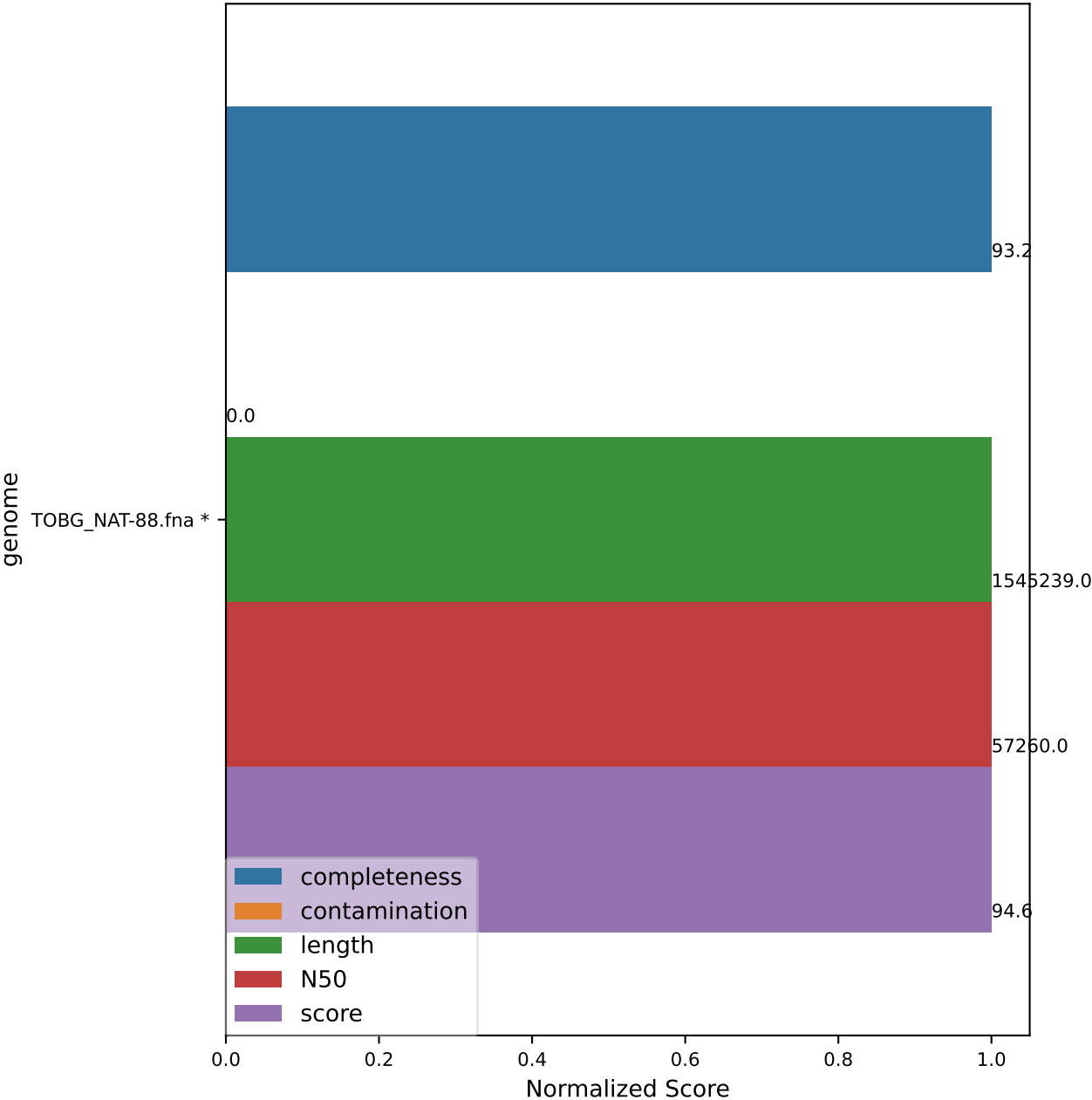




Scoring of cluster 633\_0



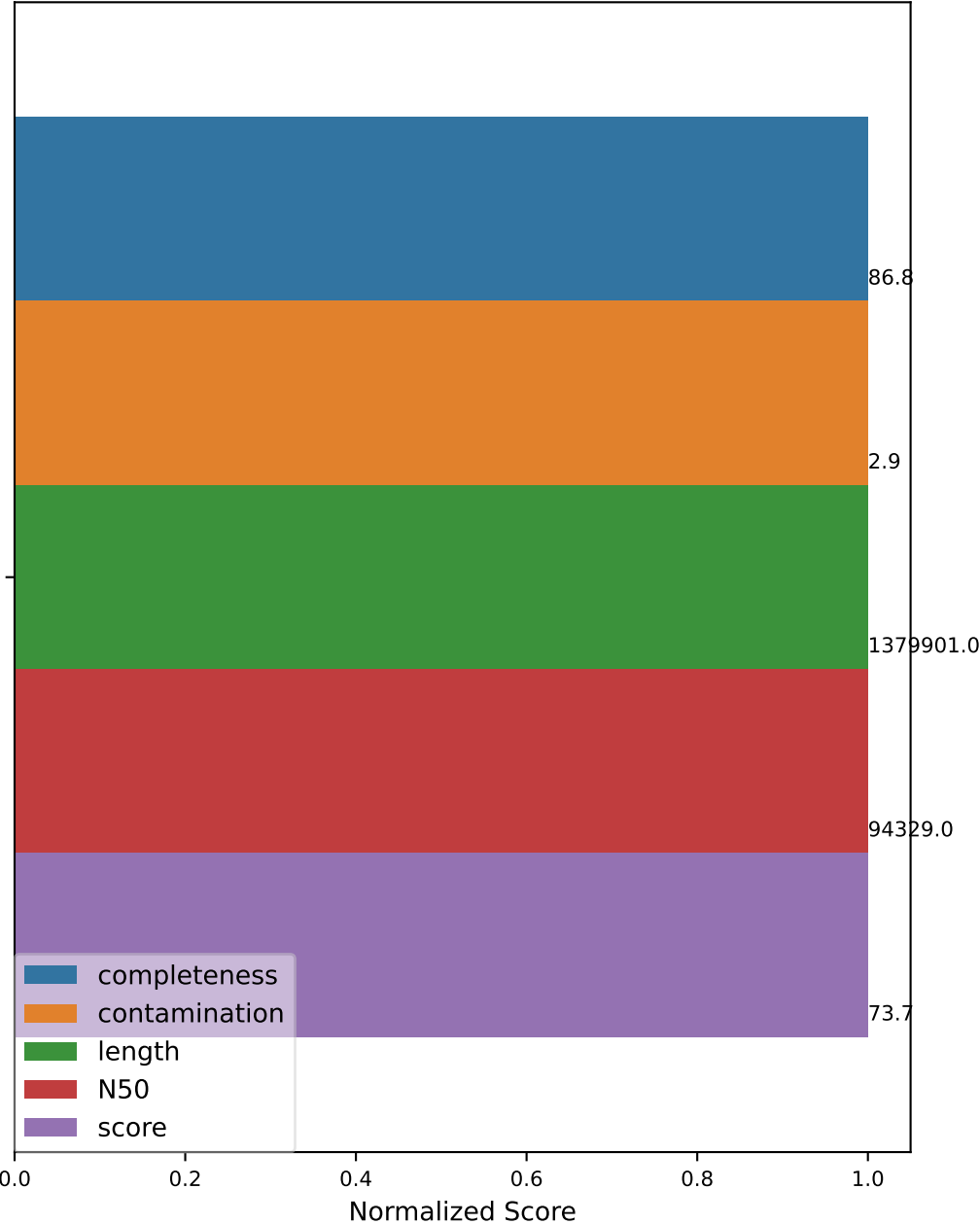
Scoring of cluster 634\_0



Scoring of cluster 635\_0

genome

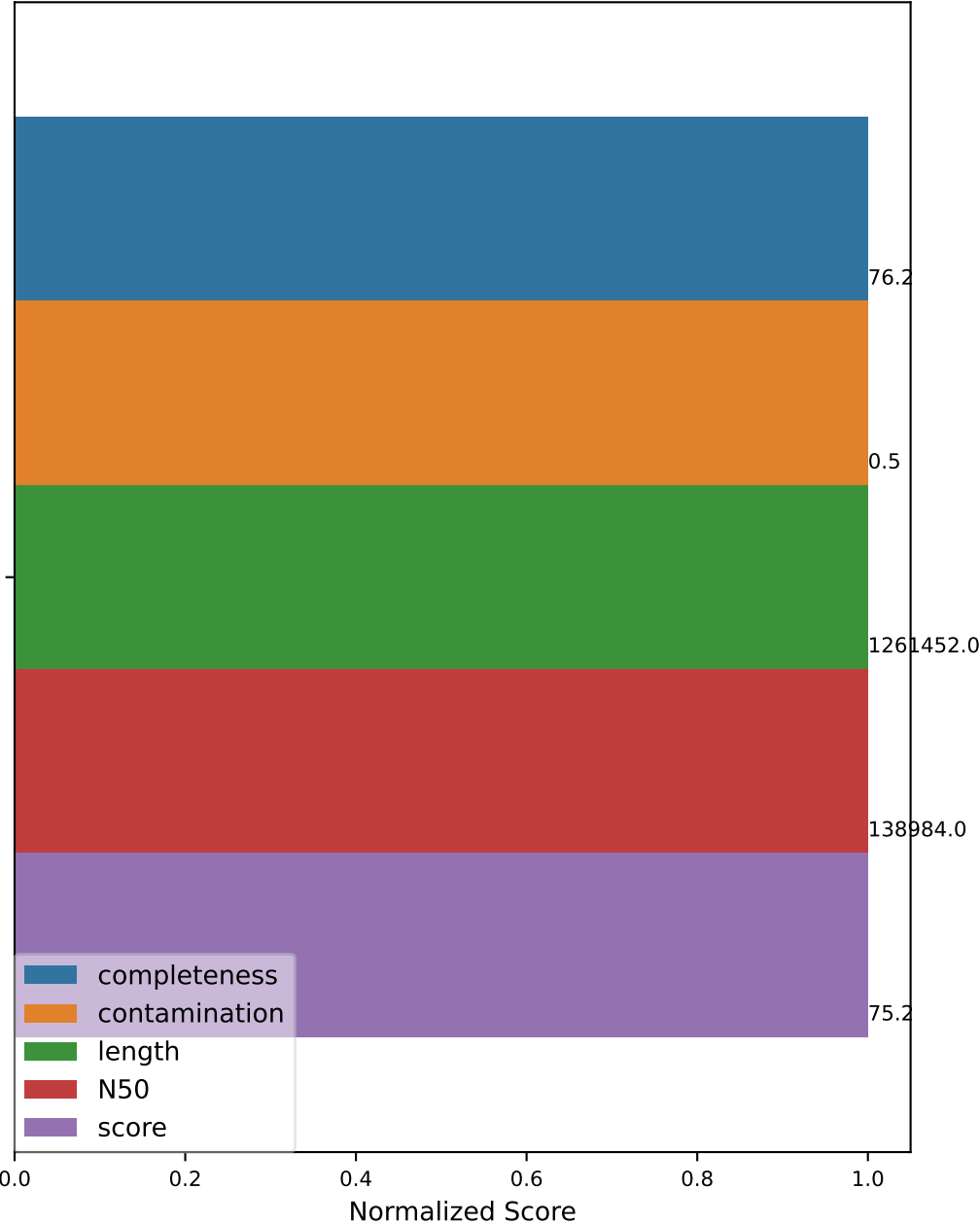
TOBG\_SP-249.fna \*



Scoring of cluster 636\_0

genome

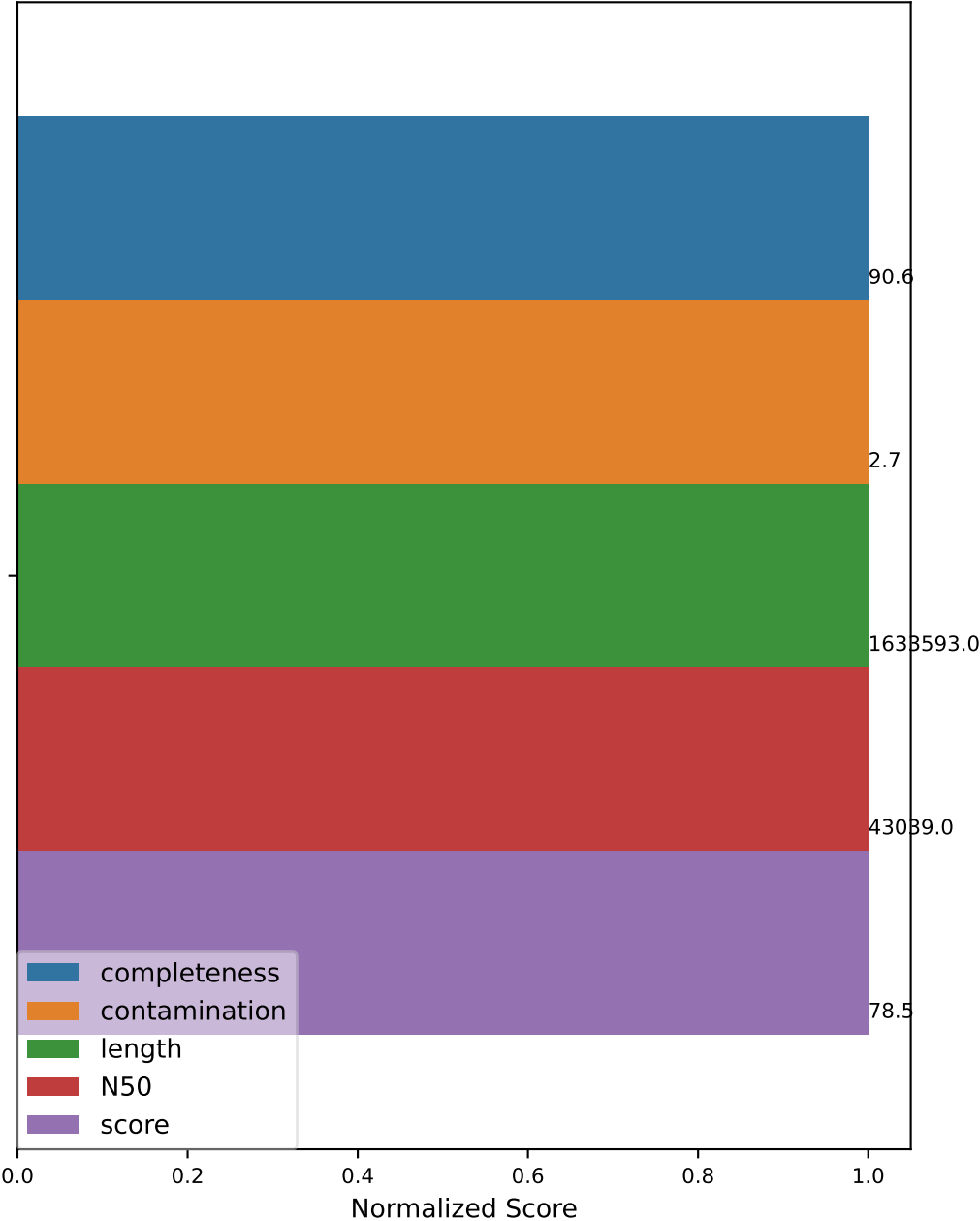
TOBG\_SP-39.fna \*



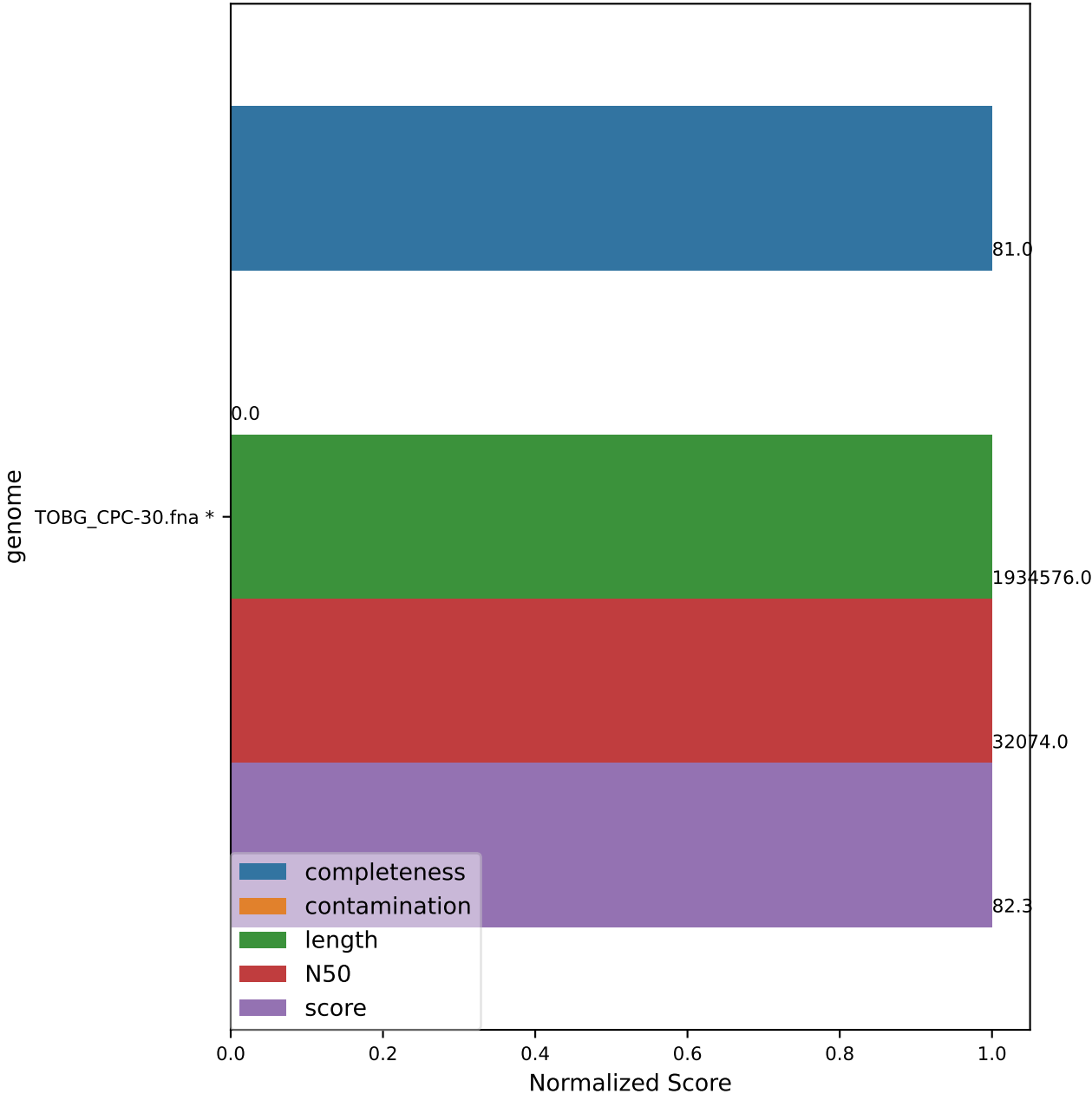
Scoring of cluster 637\_0

genome

TOBG\_MED-666.fna \*



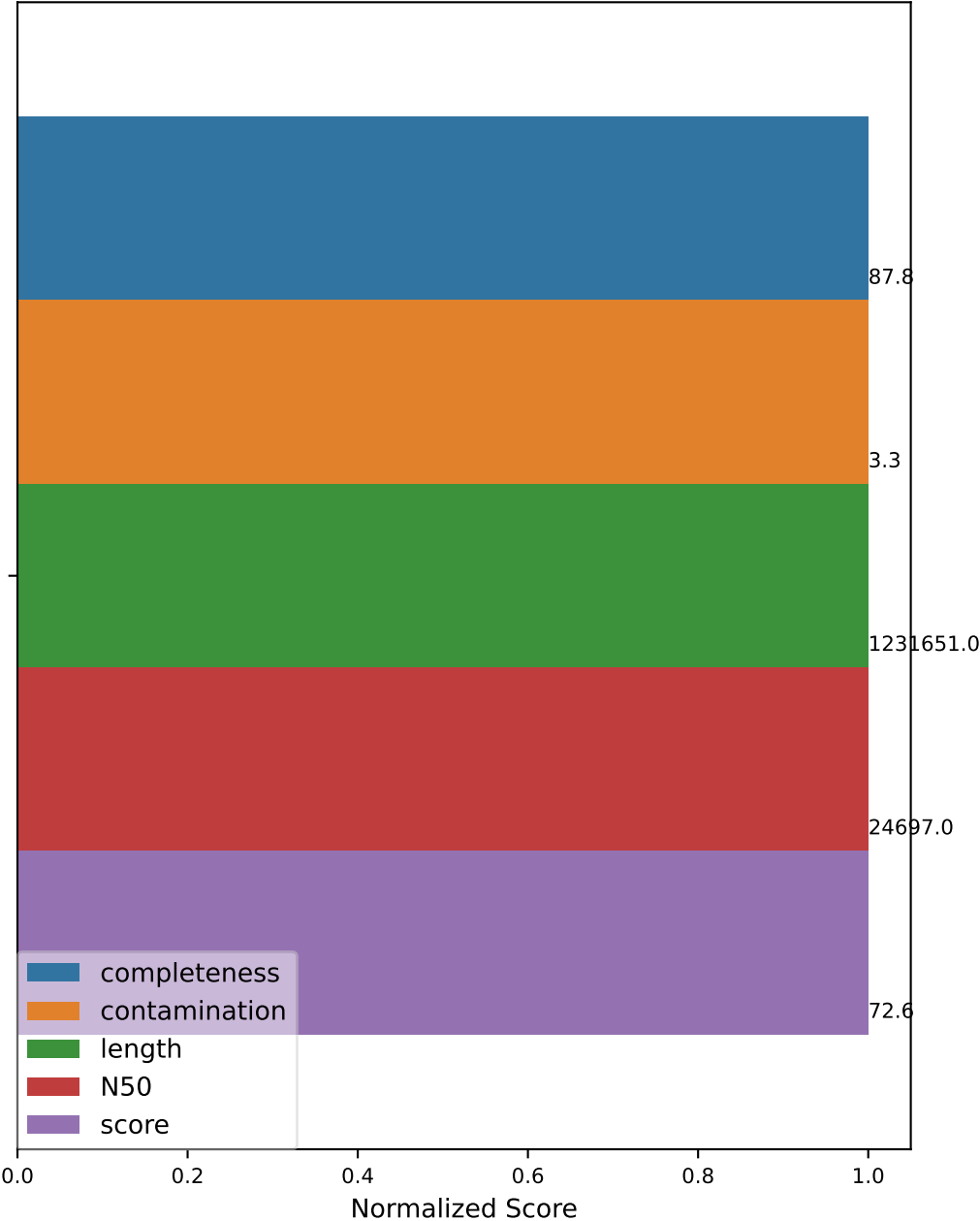
Scoring of cluster 638\_0



Scoring of cluster 639\_0

genome

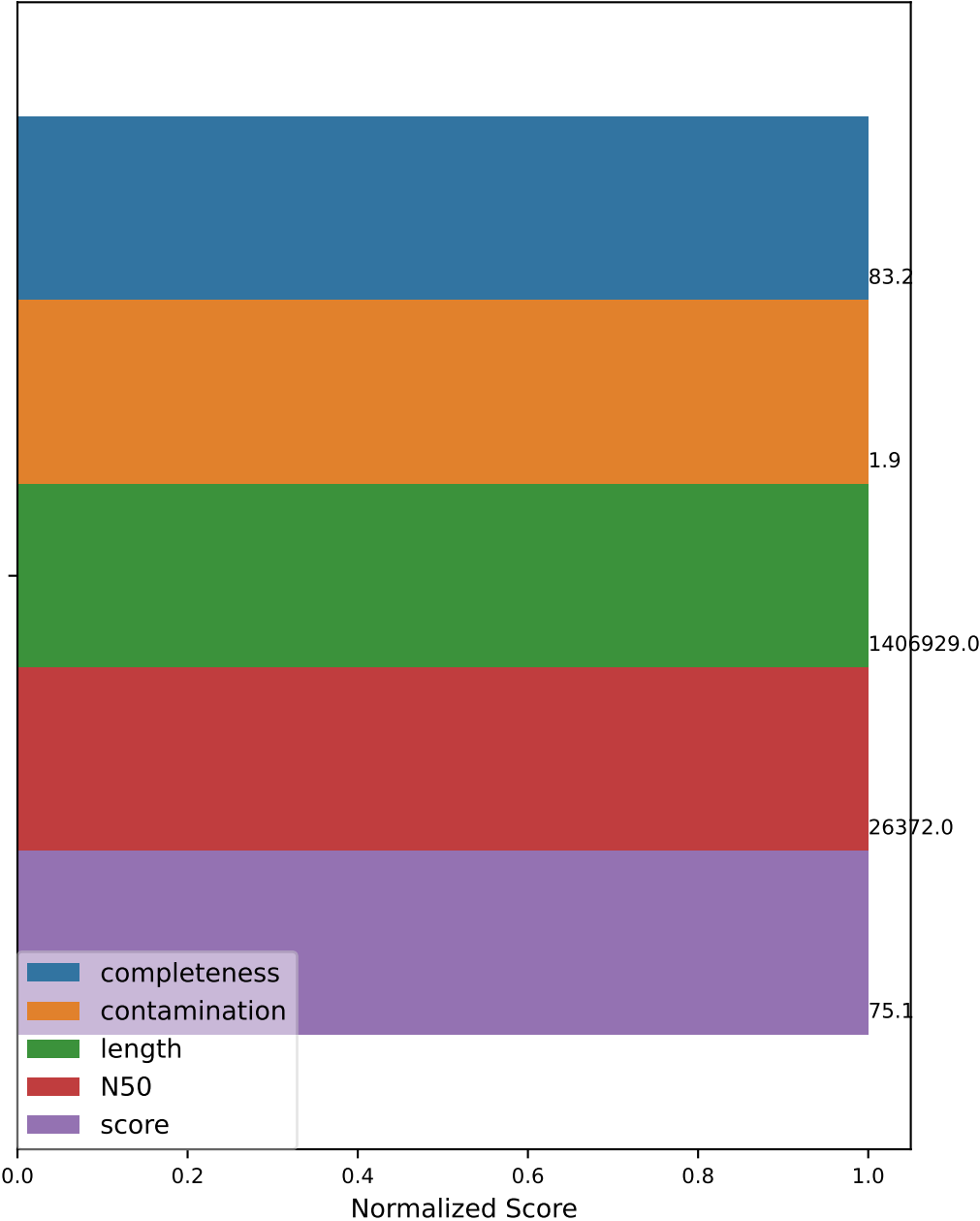
TOBG\_SAT-166.fna \*



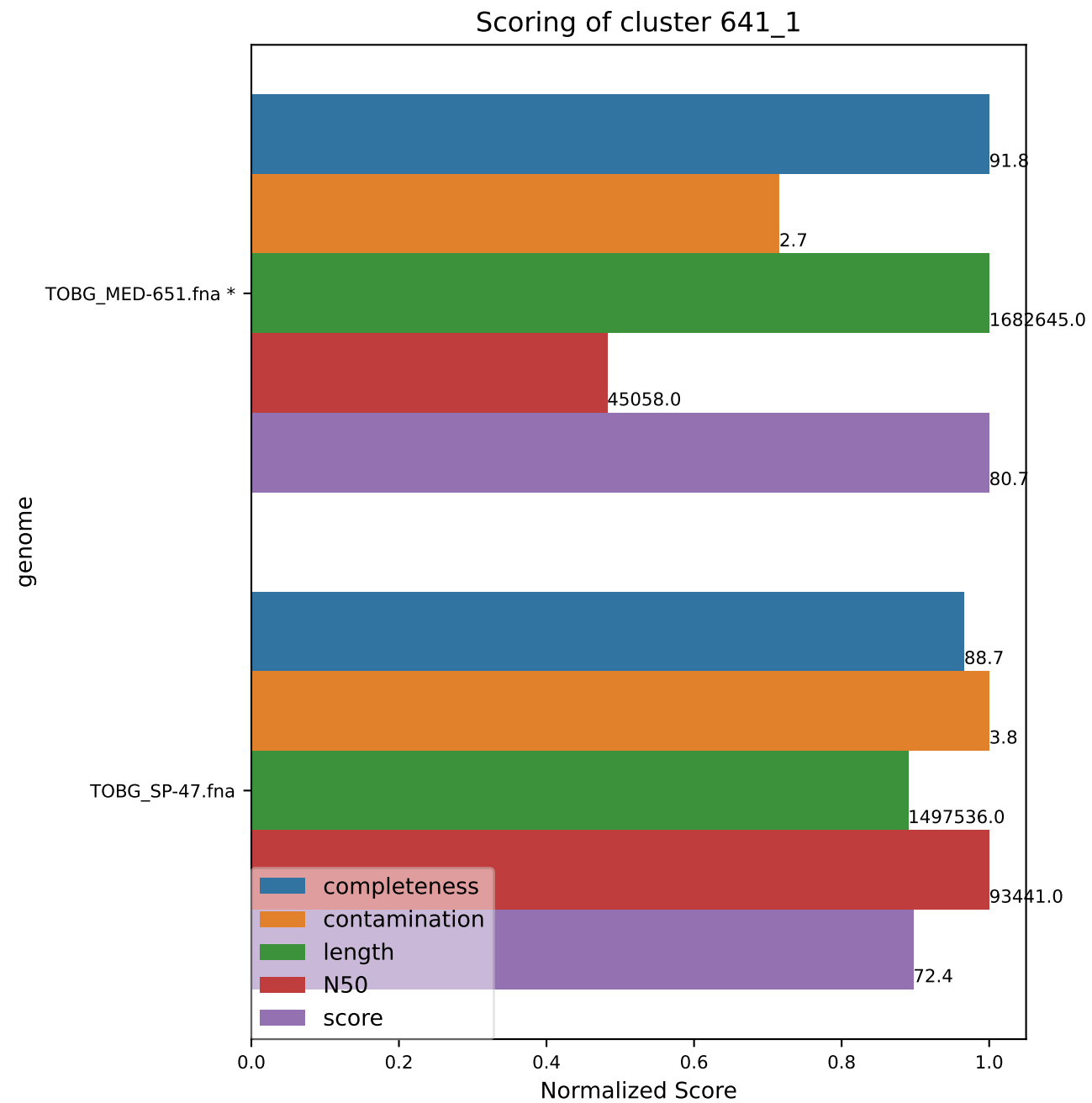
Scoring of cluster 640\_0

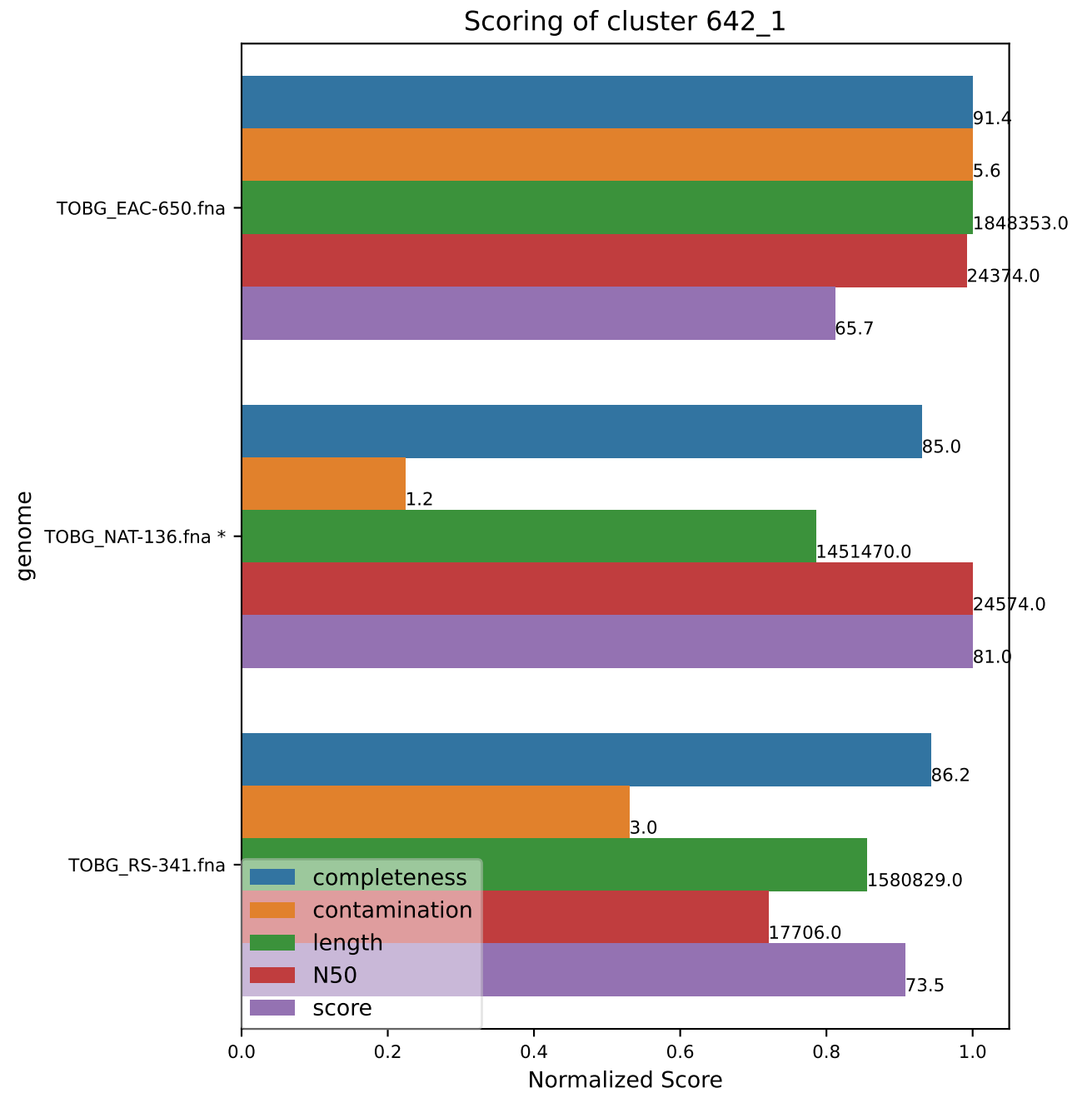
genome

TOBG\_RS-678.fna \*

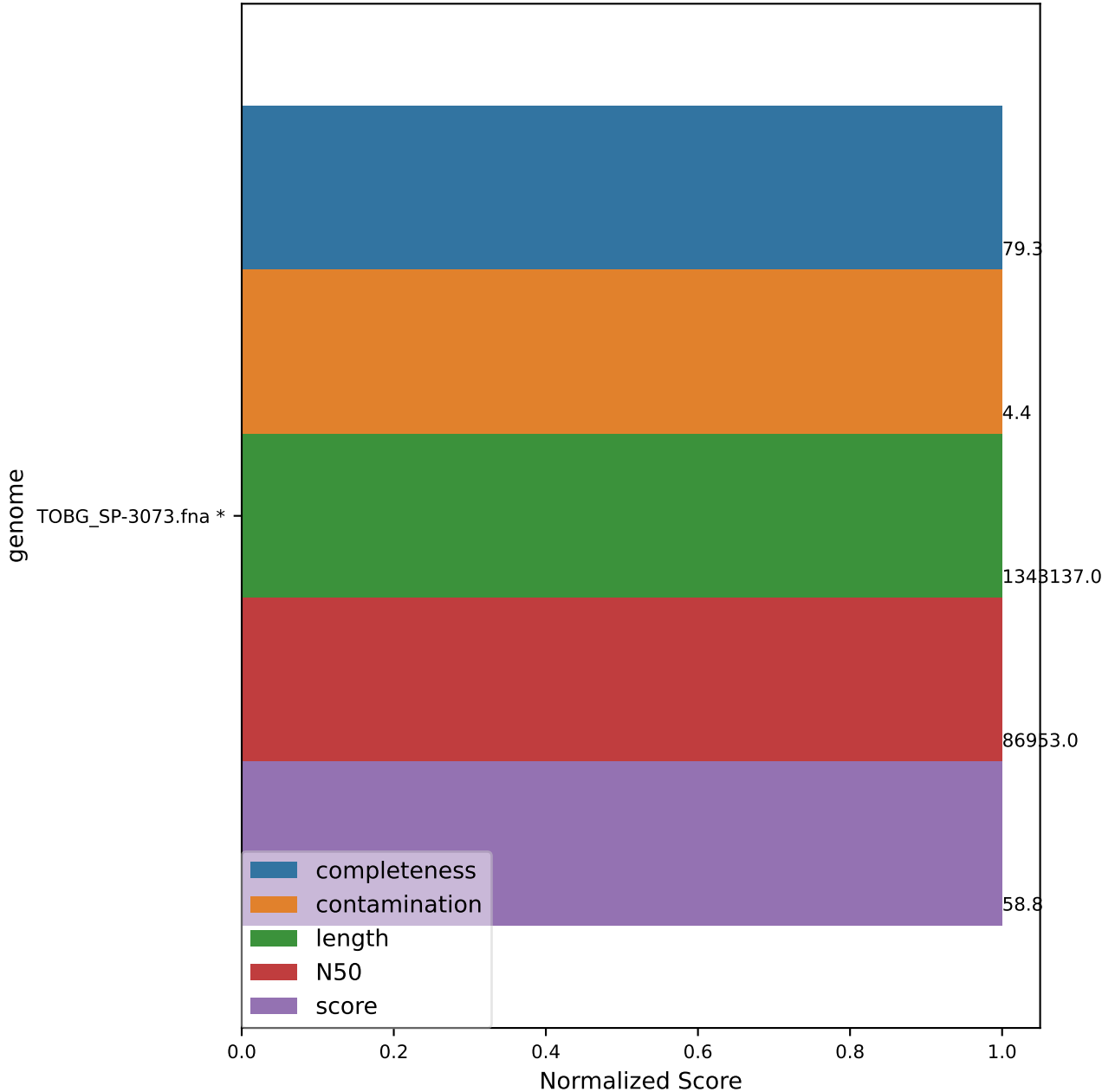








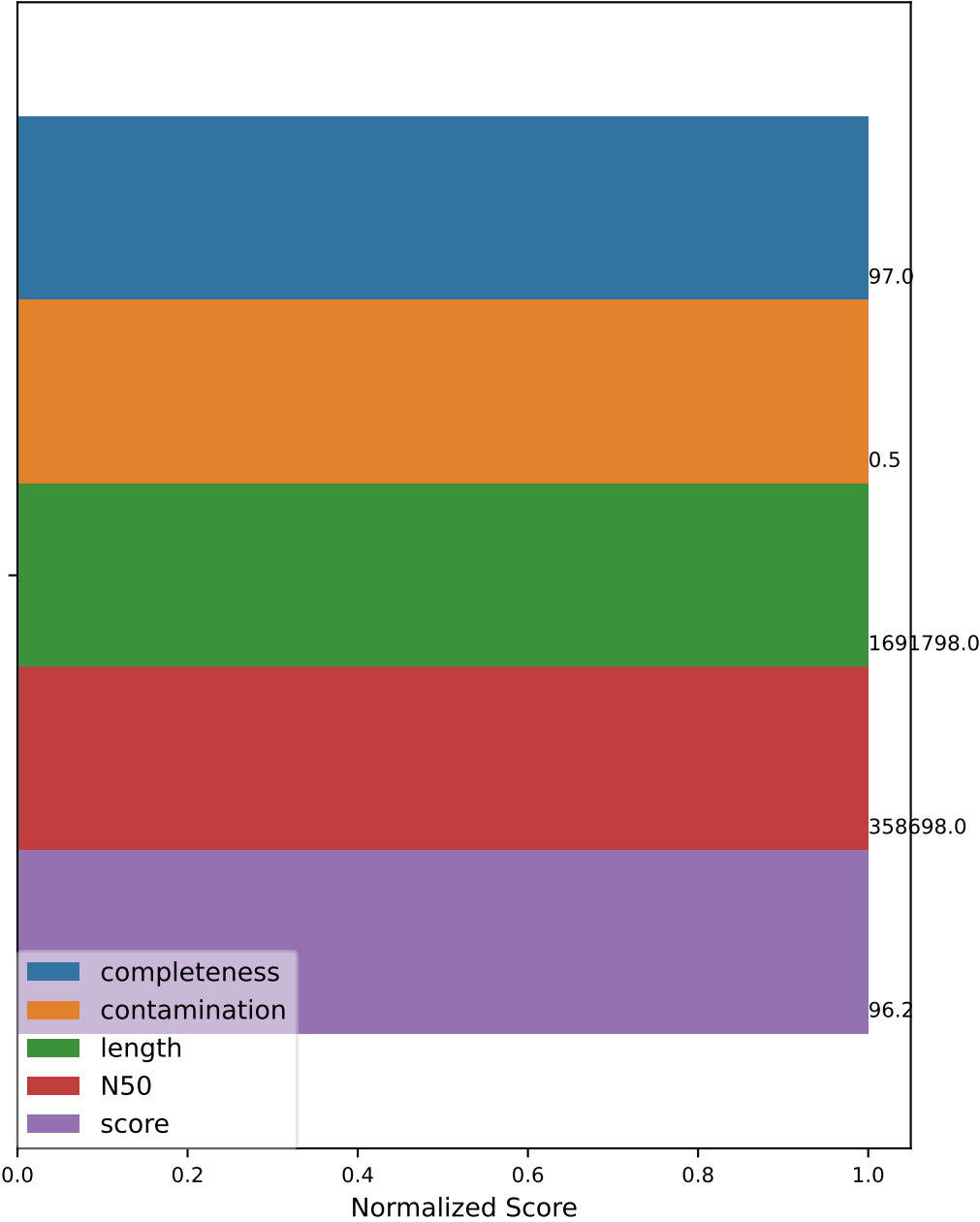
Scoring of cluster 643\_0



Scoring of cluster 644\_0

genome

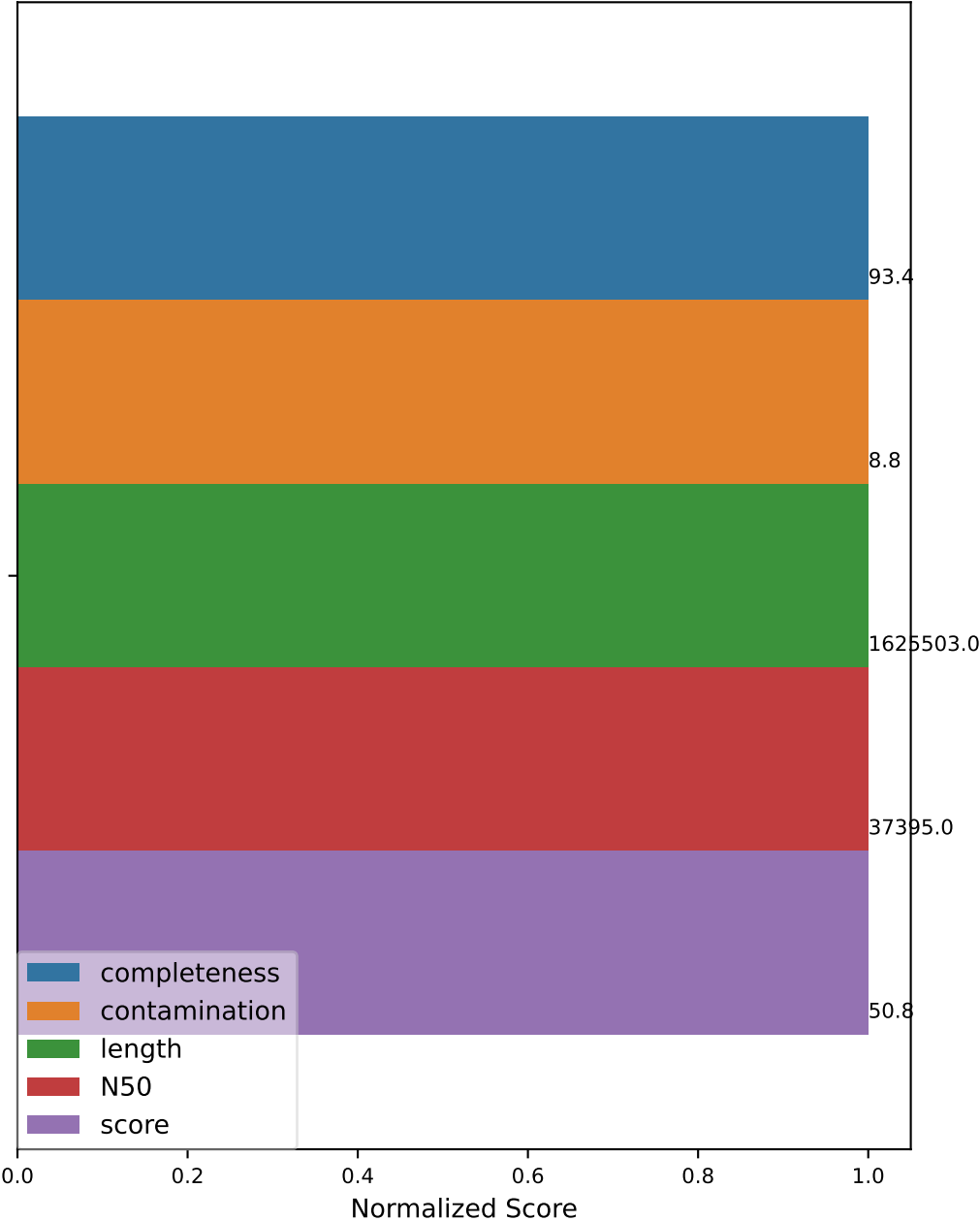
TOBG\_NAT-179.fna \*



Scoring of cluster 645\_0

genome

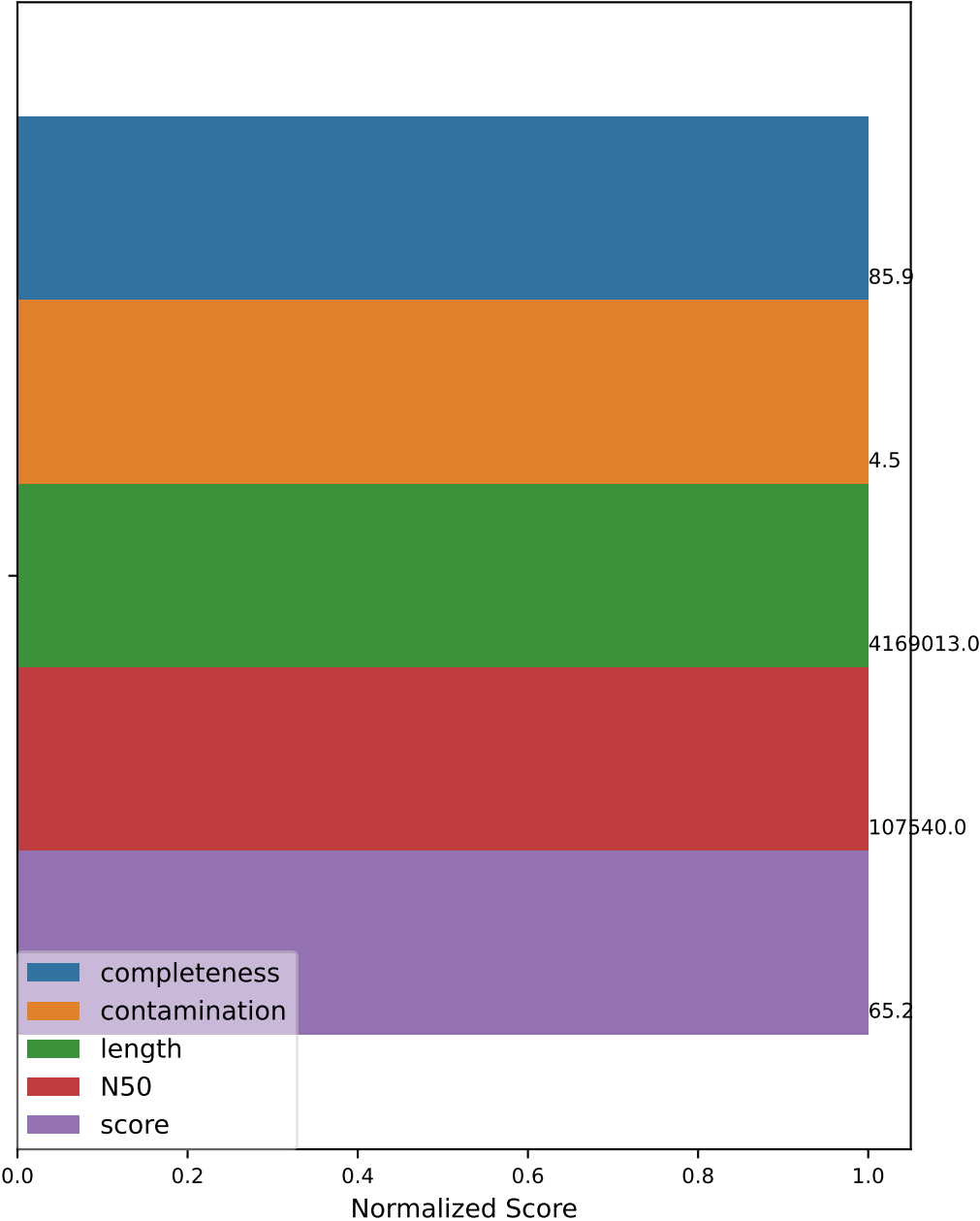
TOBG\_NAT-217.fna \*



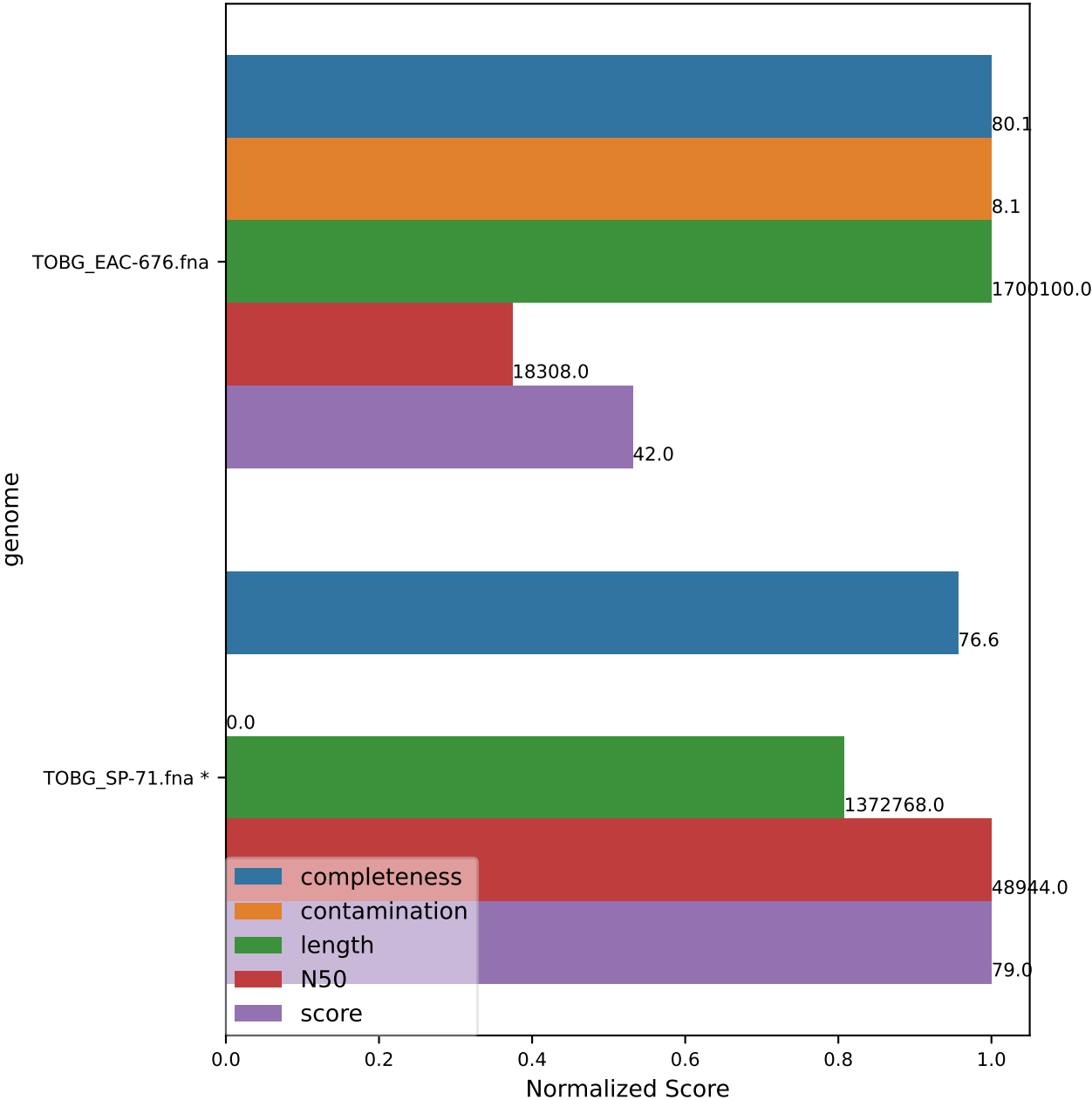
Scoring of cluster 646\_0

genome

TOBG\_SP-306.fna \*



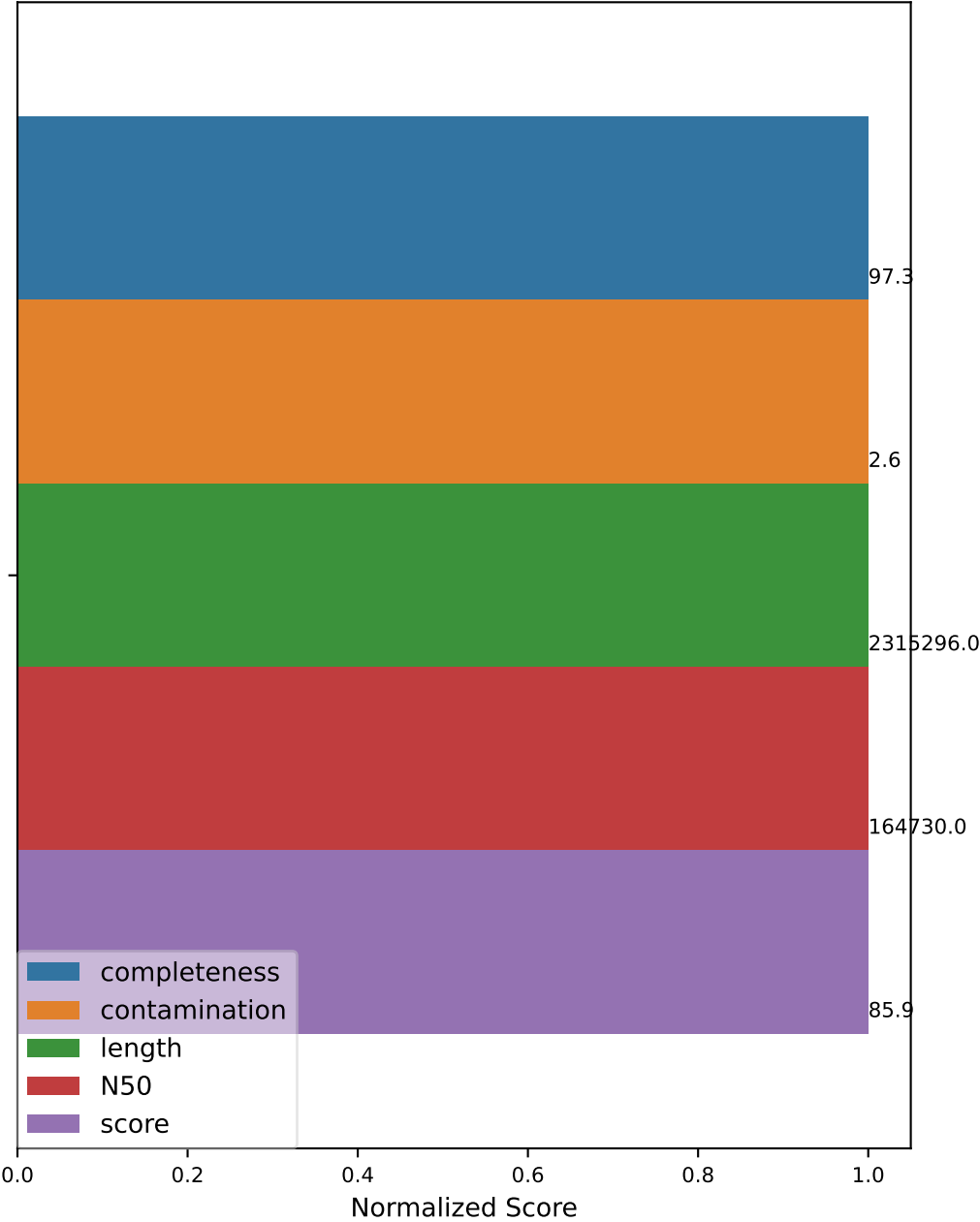
Scoring of cluster 647\_1



Scoring of cluster 648\_0

genome

TOBG\_SP-136.fna \*

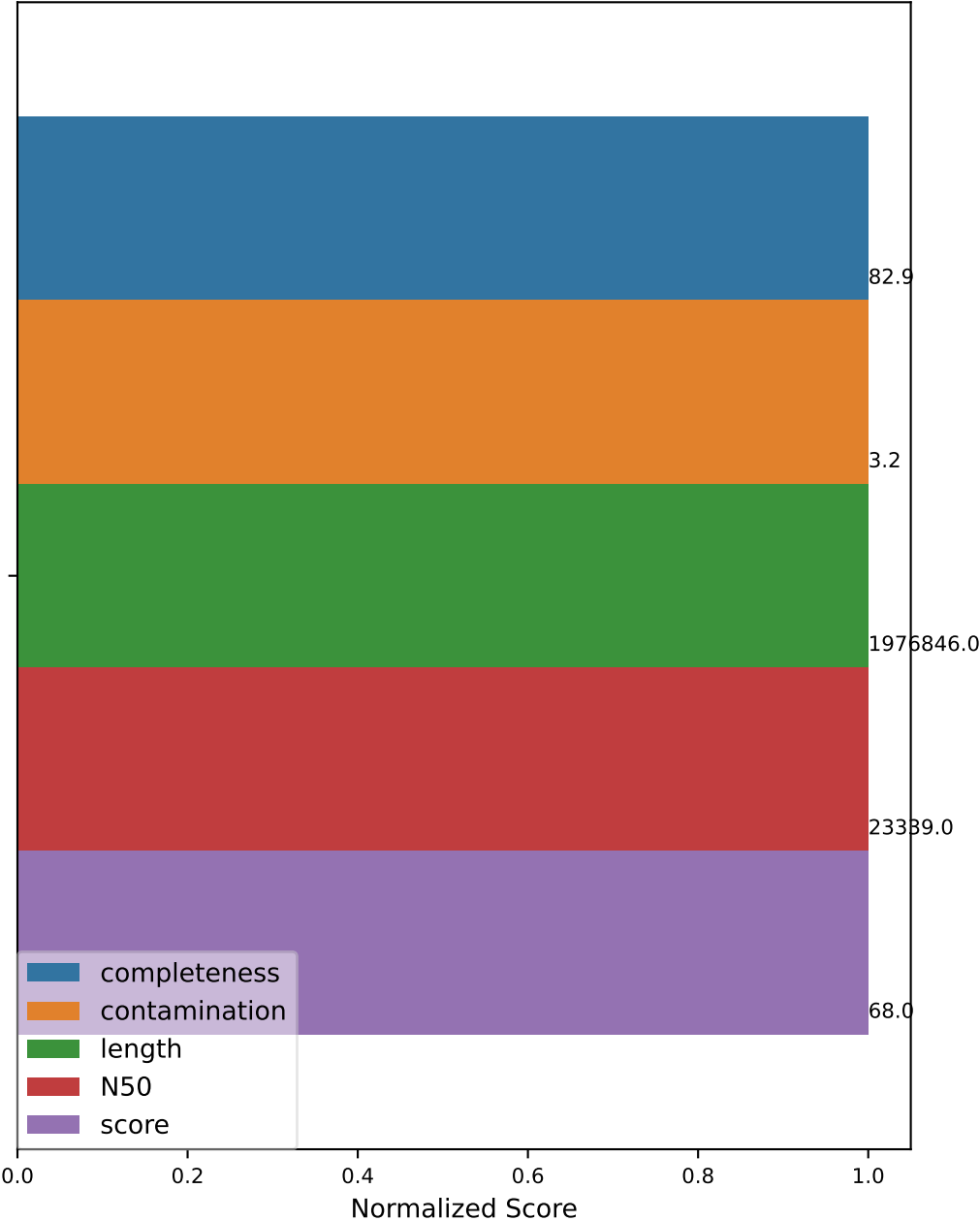




Scoring of cluster 649\_1

genome

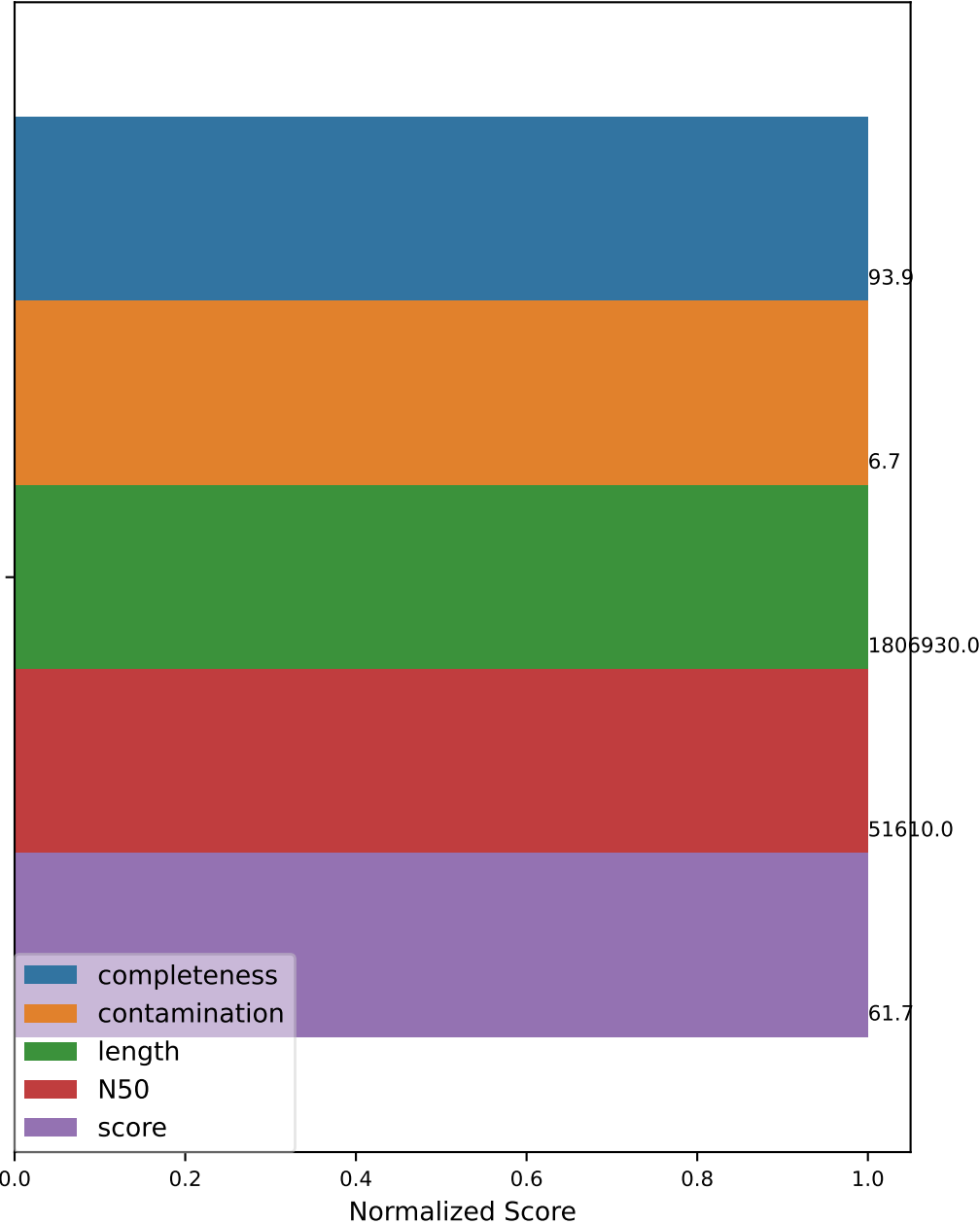
TOBG\_NAT-55.fna \*



Scoring of cluster 649\_2

genome

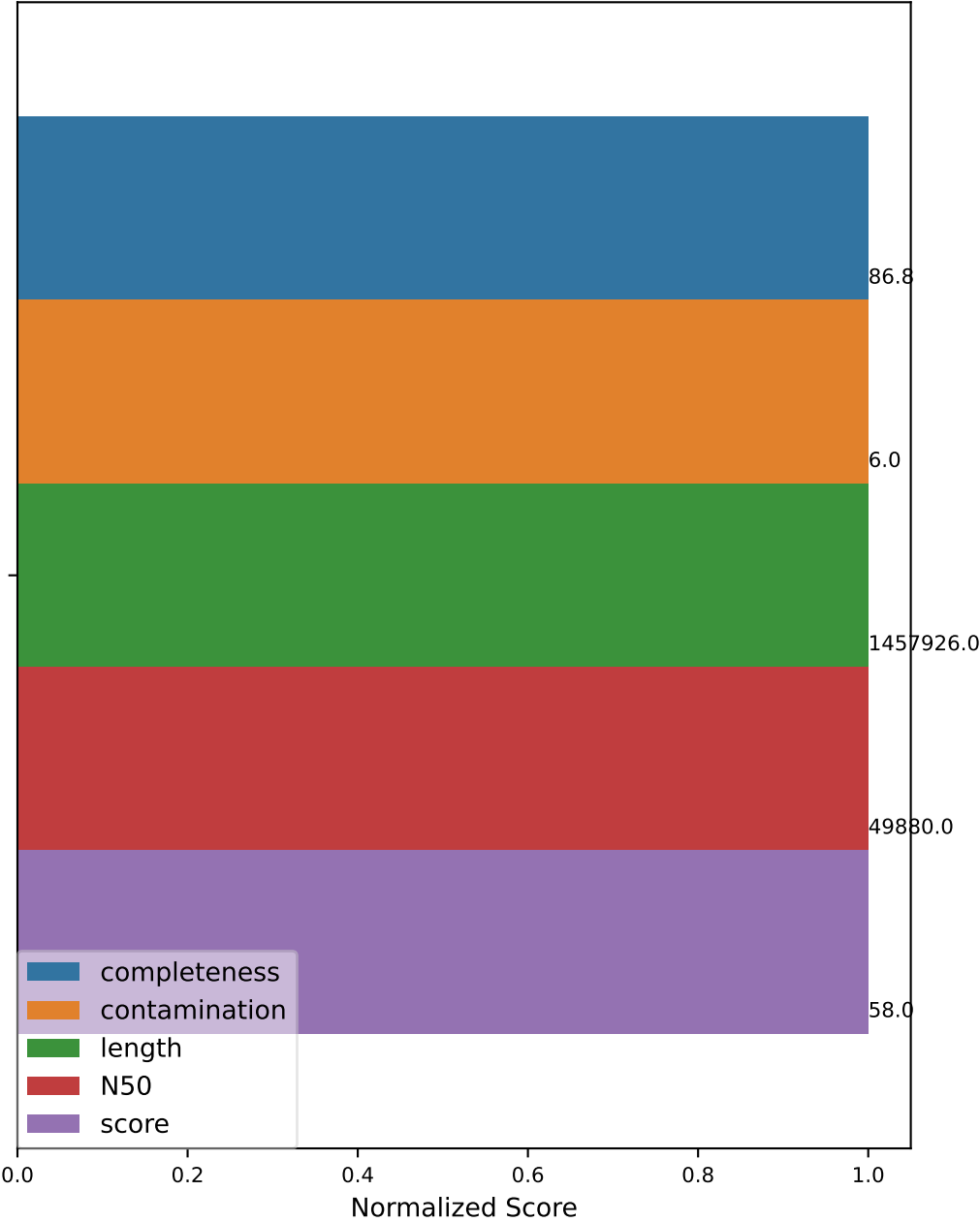
TOBG\_RS-431.fna \*



Scoring of cluster 650\_0

genome

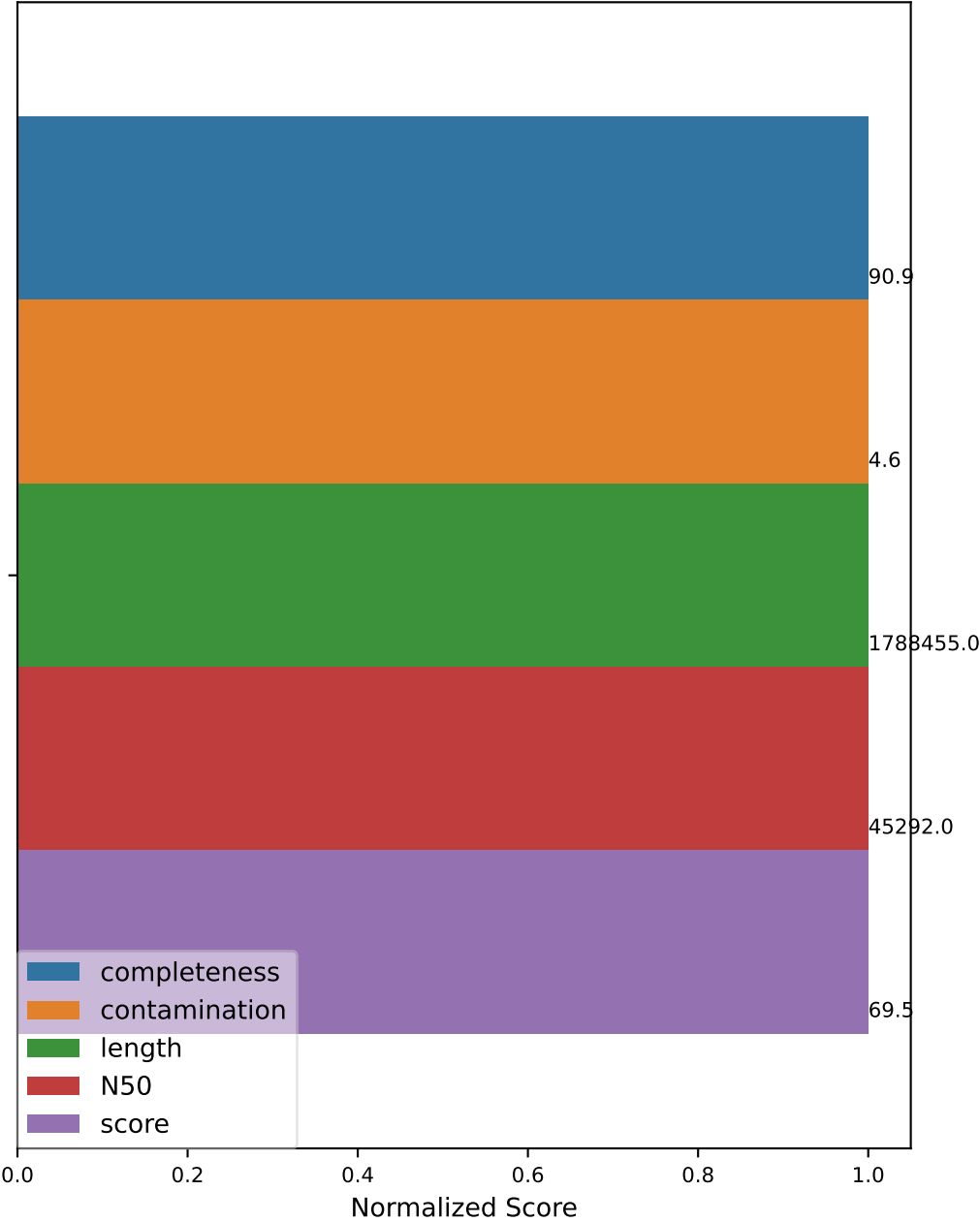
TOBG\_SP-3105.fna \*



Scoring of cluster 651\_0

genome

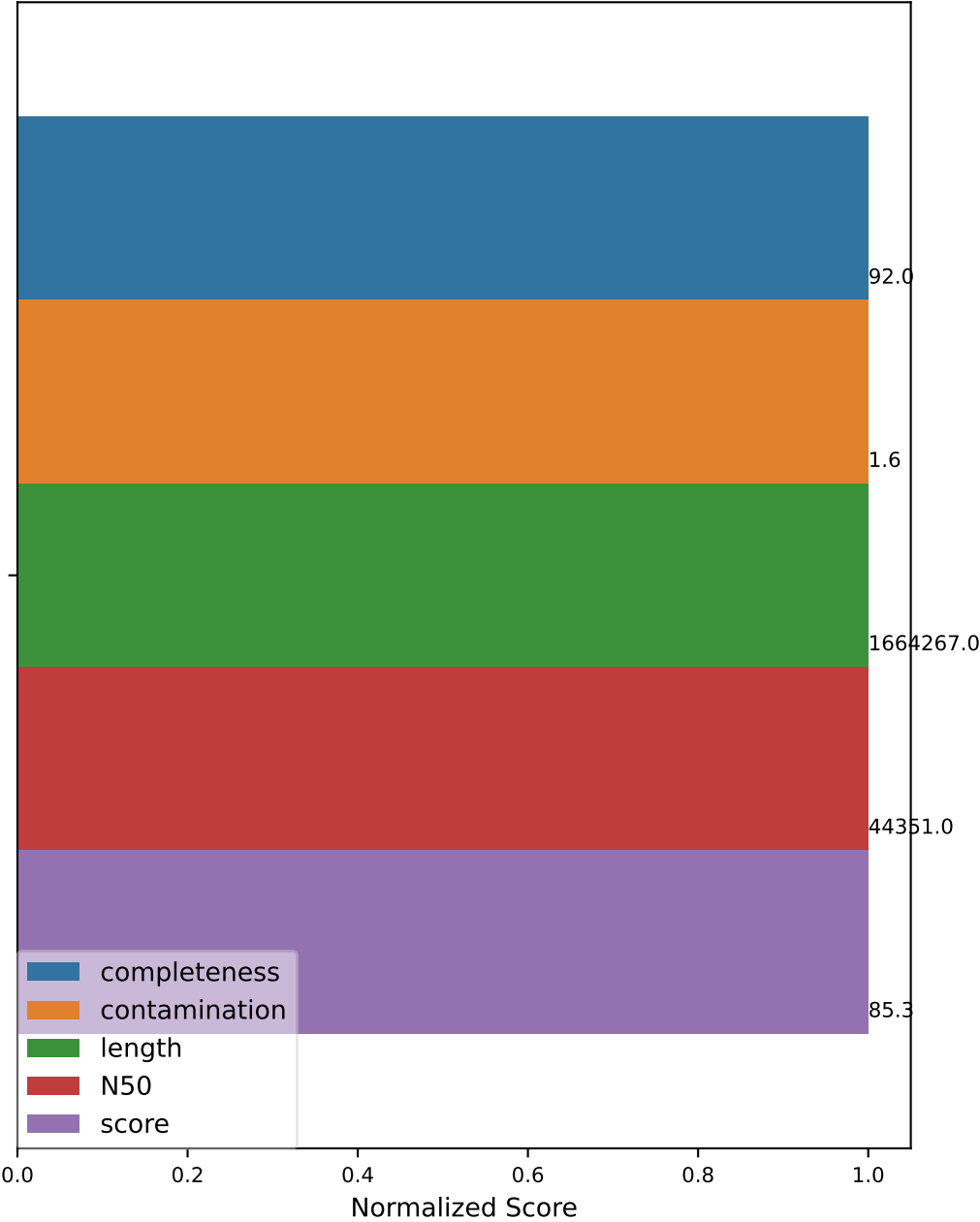
TOBG\_EAC-33.fna \*



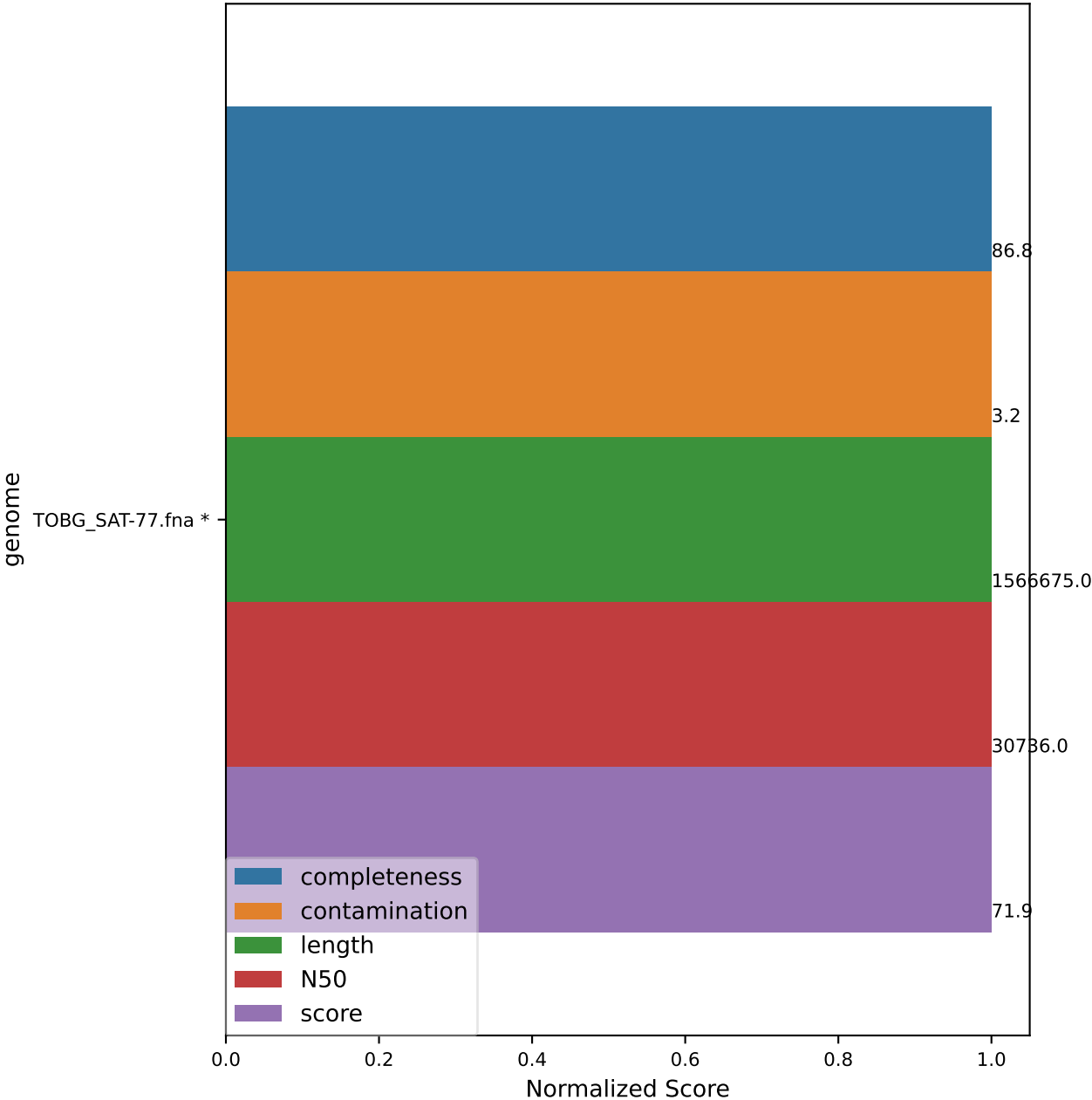
Scoring of cluster 652\_0

genome

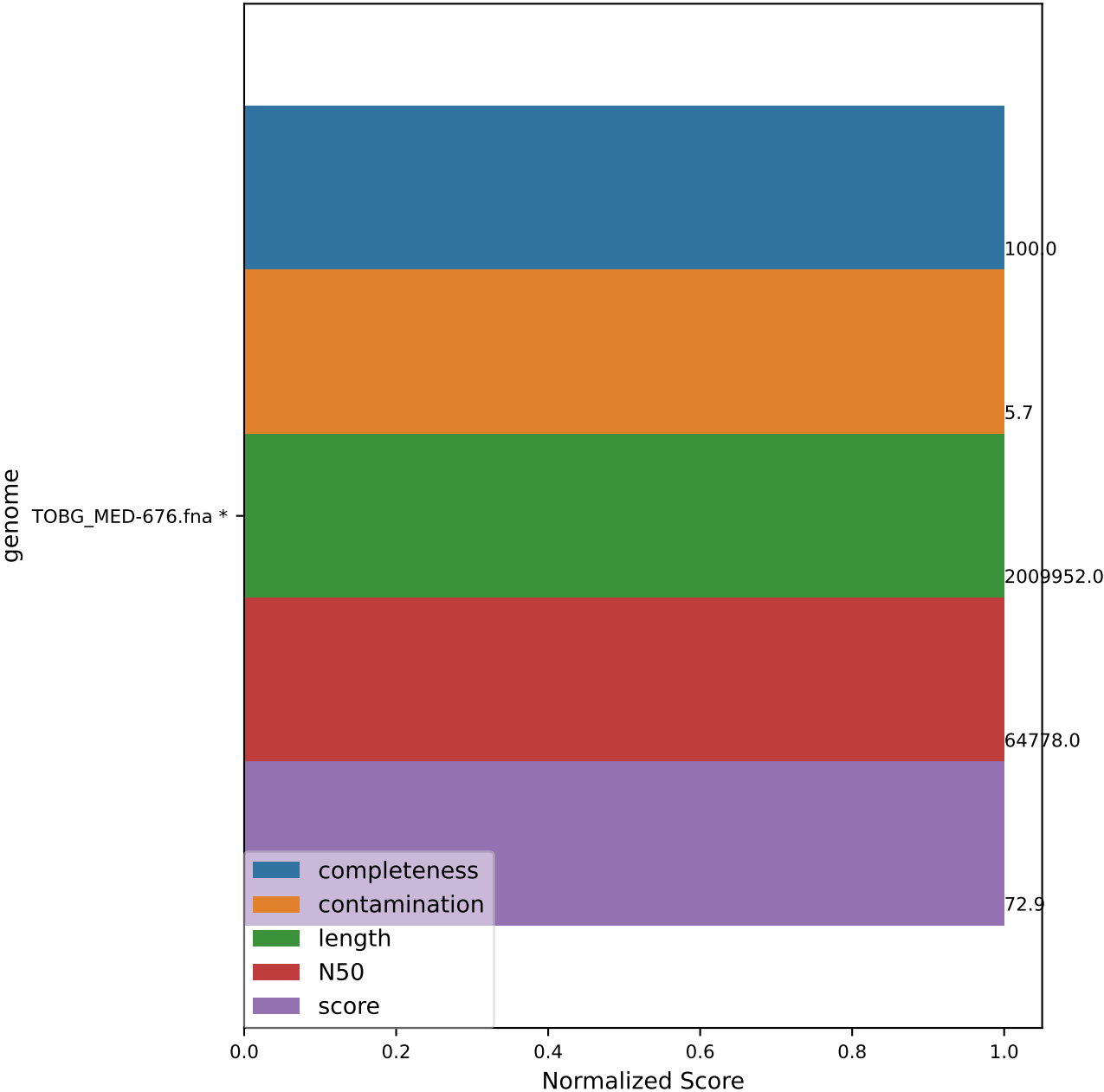
TOBG\_NAT-45.fna \*



Scoring of cluster 653\_0



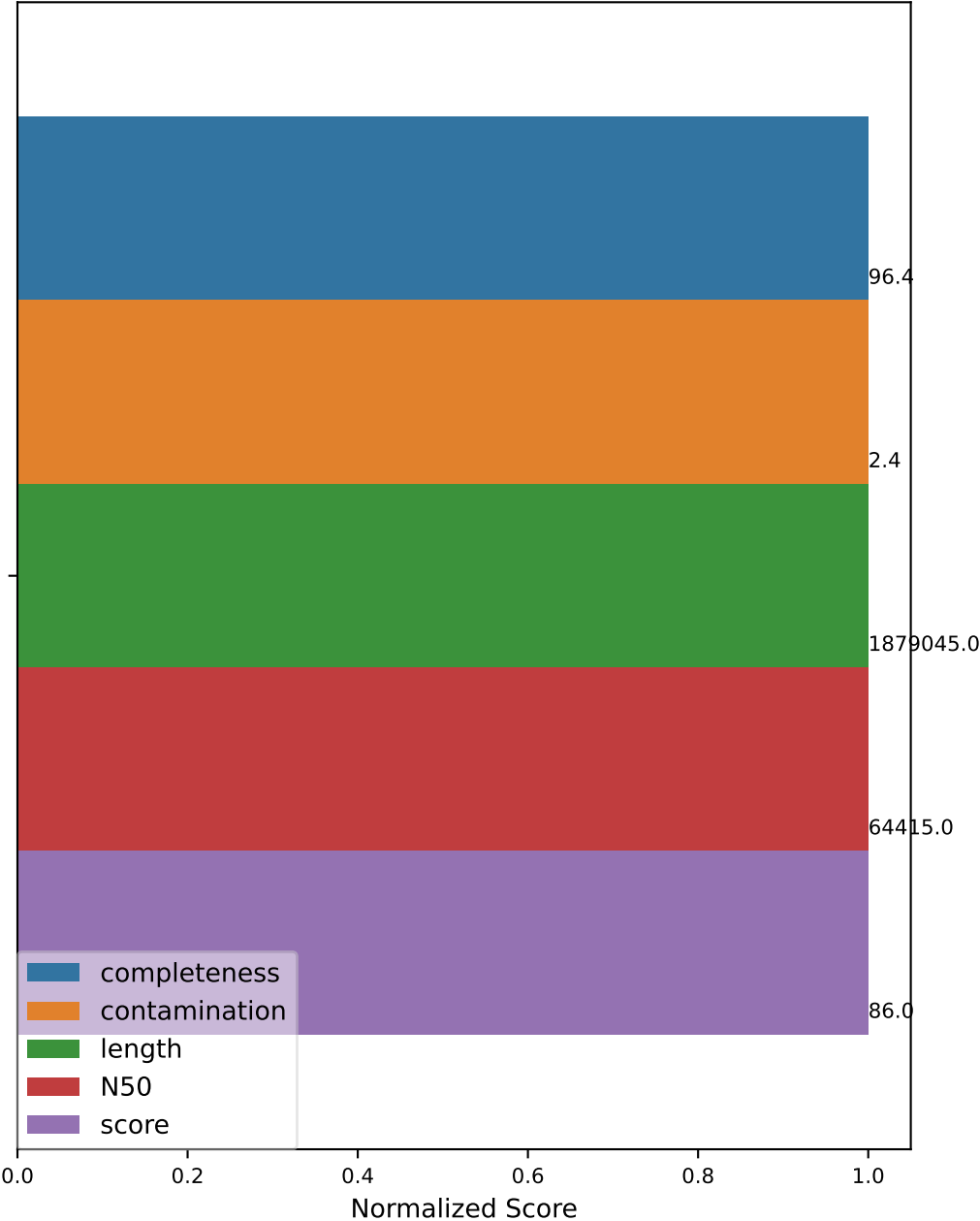
Scoring of cluster 654\_0



Scoring of cluster 655\_0

genome

TOBG\_MED-602.fna \*

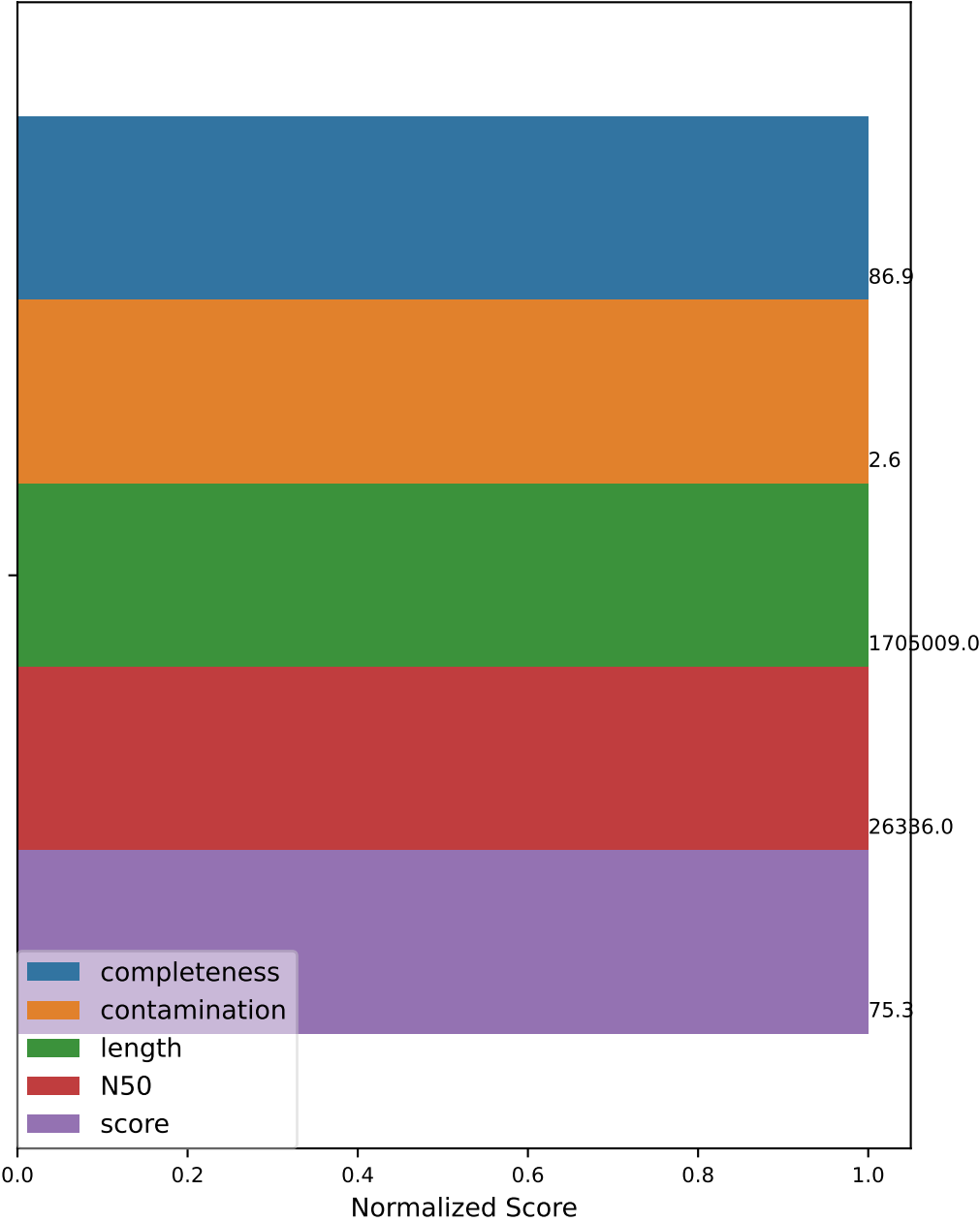




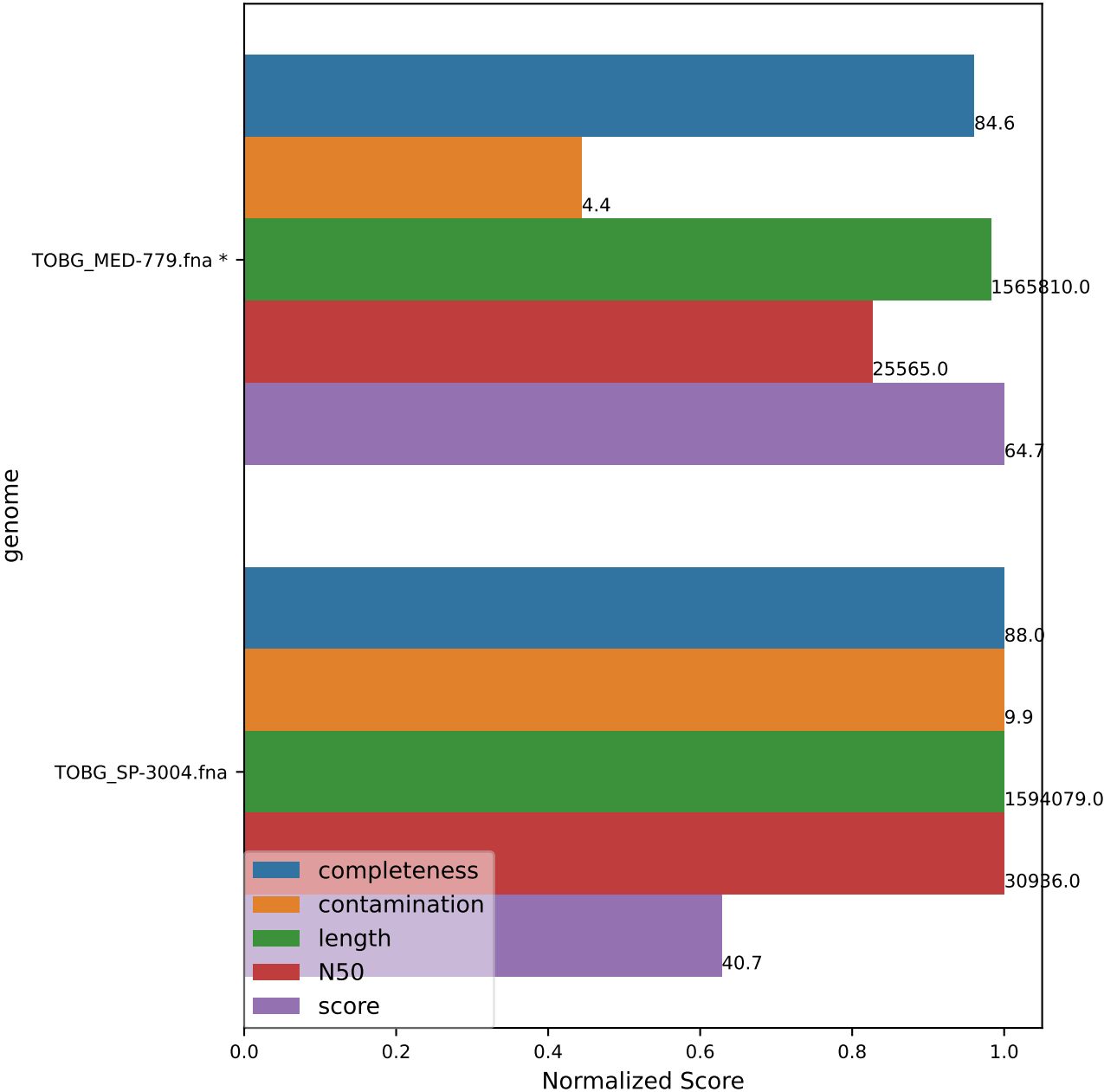
Scoring of cluster 656\_0

genome

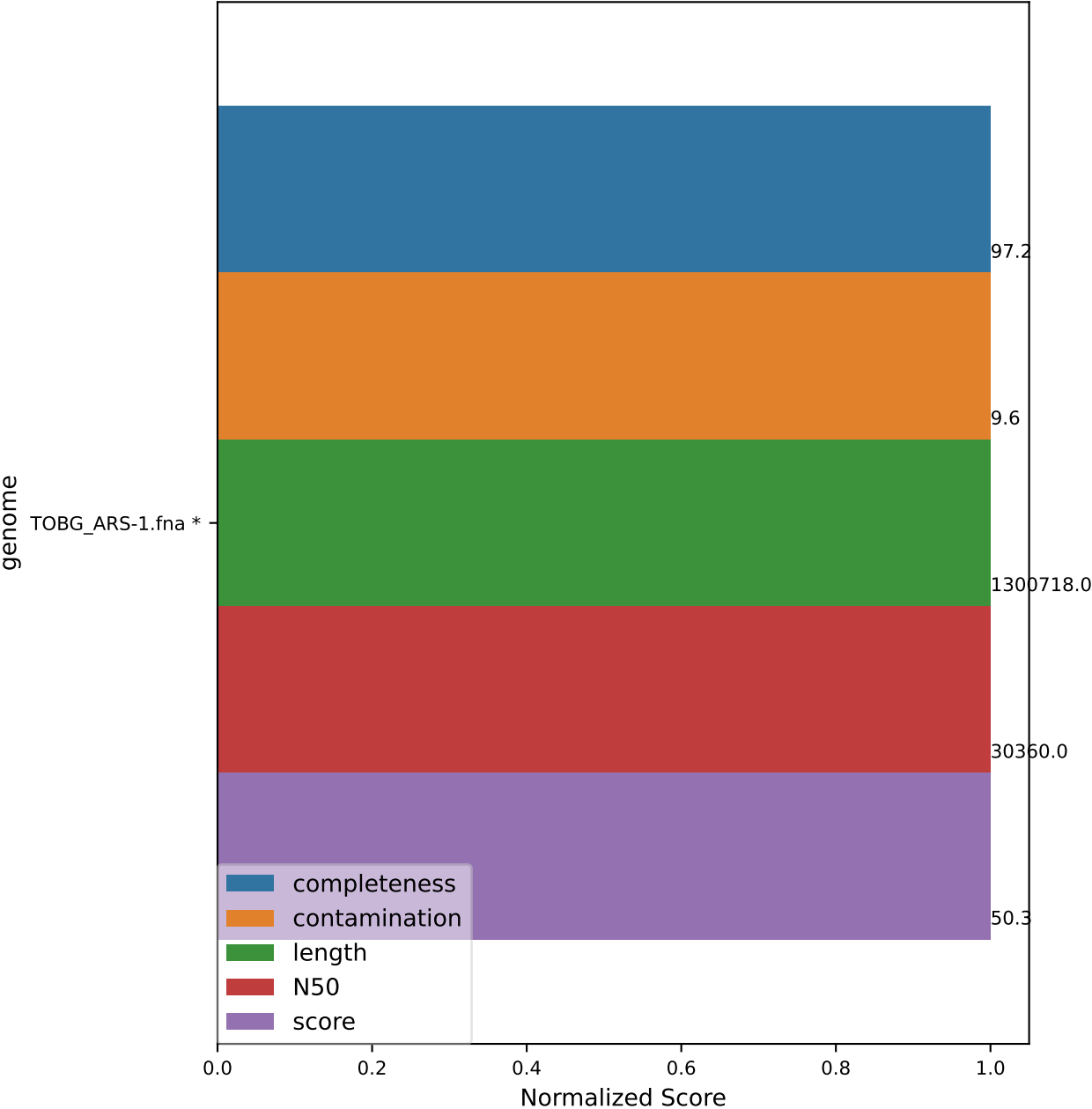
TOBG\_NAT-163.fna \*



Scoring of cluster 657\_1



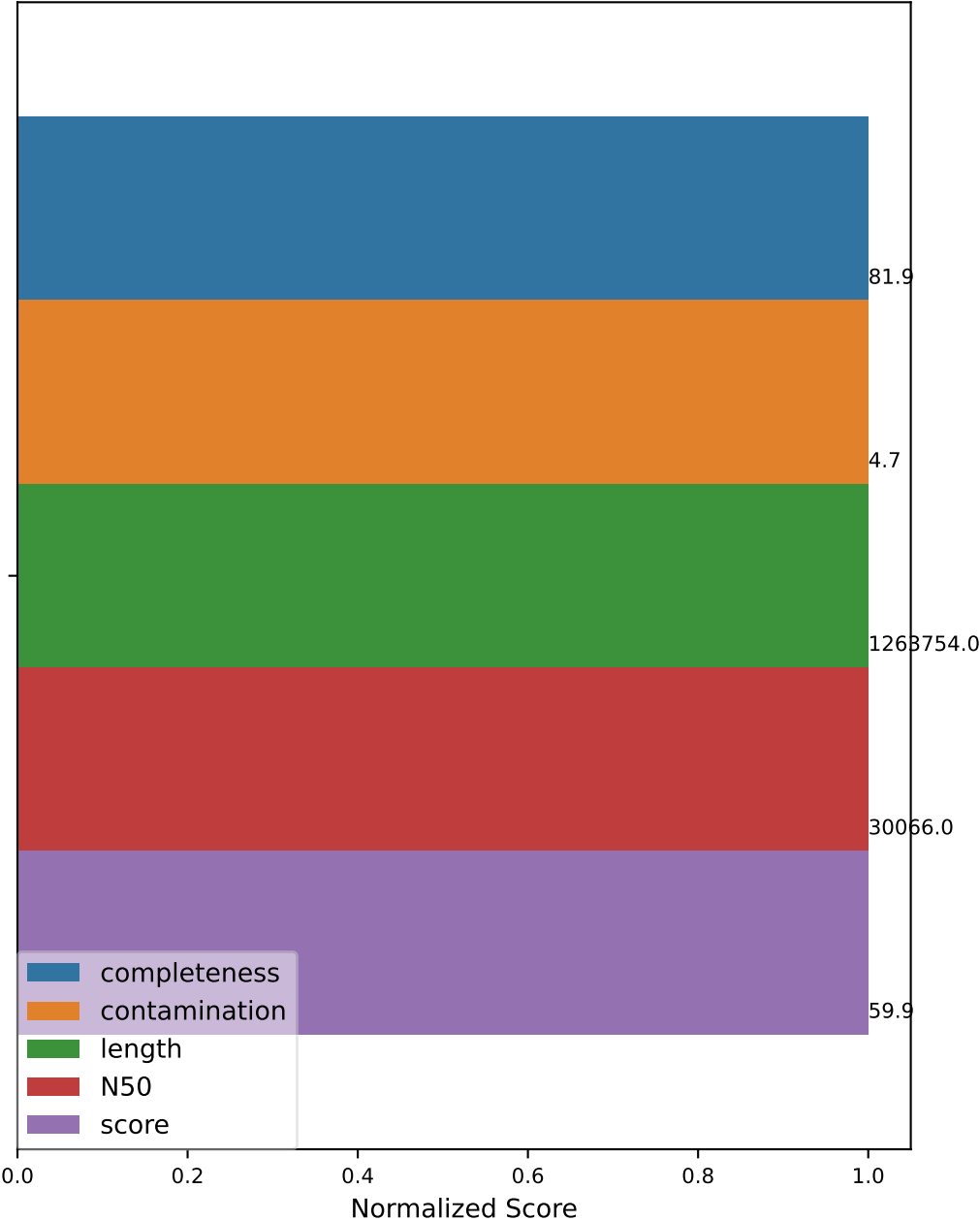
Scoring of cluster 658\_0



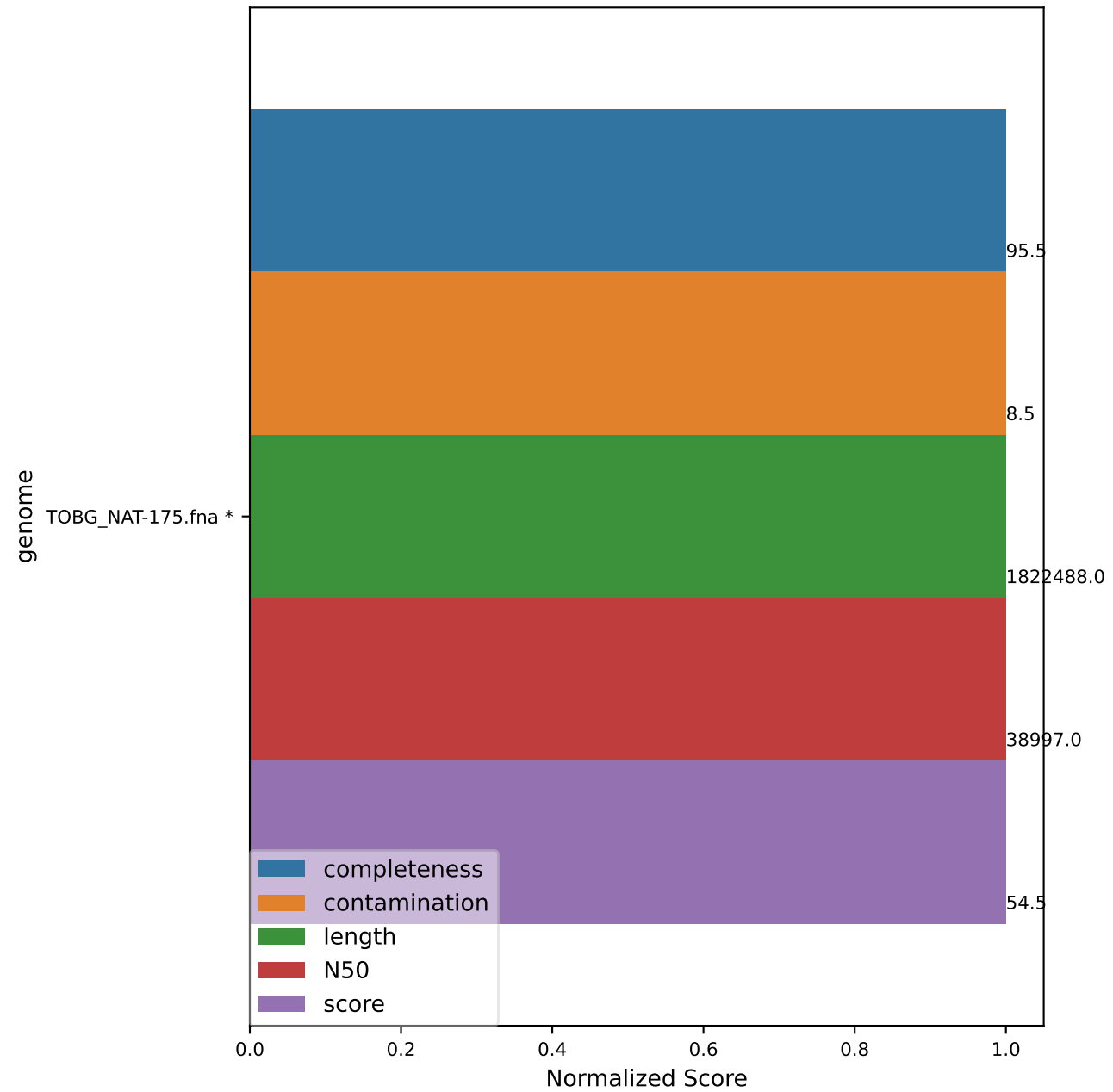
Scoring of cluster 659\_0

genome

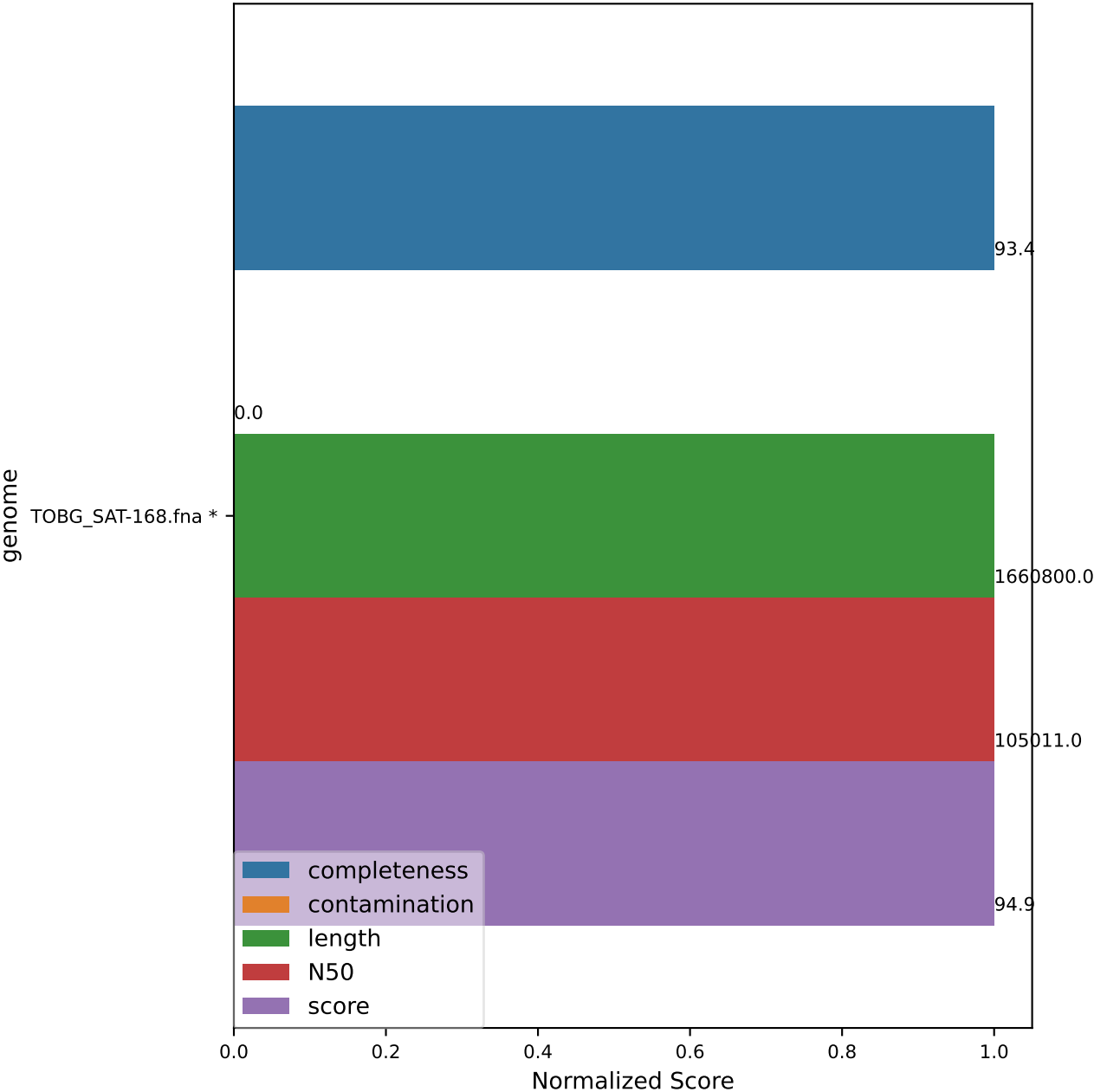
TOBG\_MED-769.fna \*



Scoring of cluster 660\_0



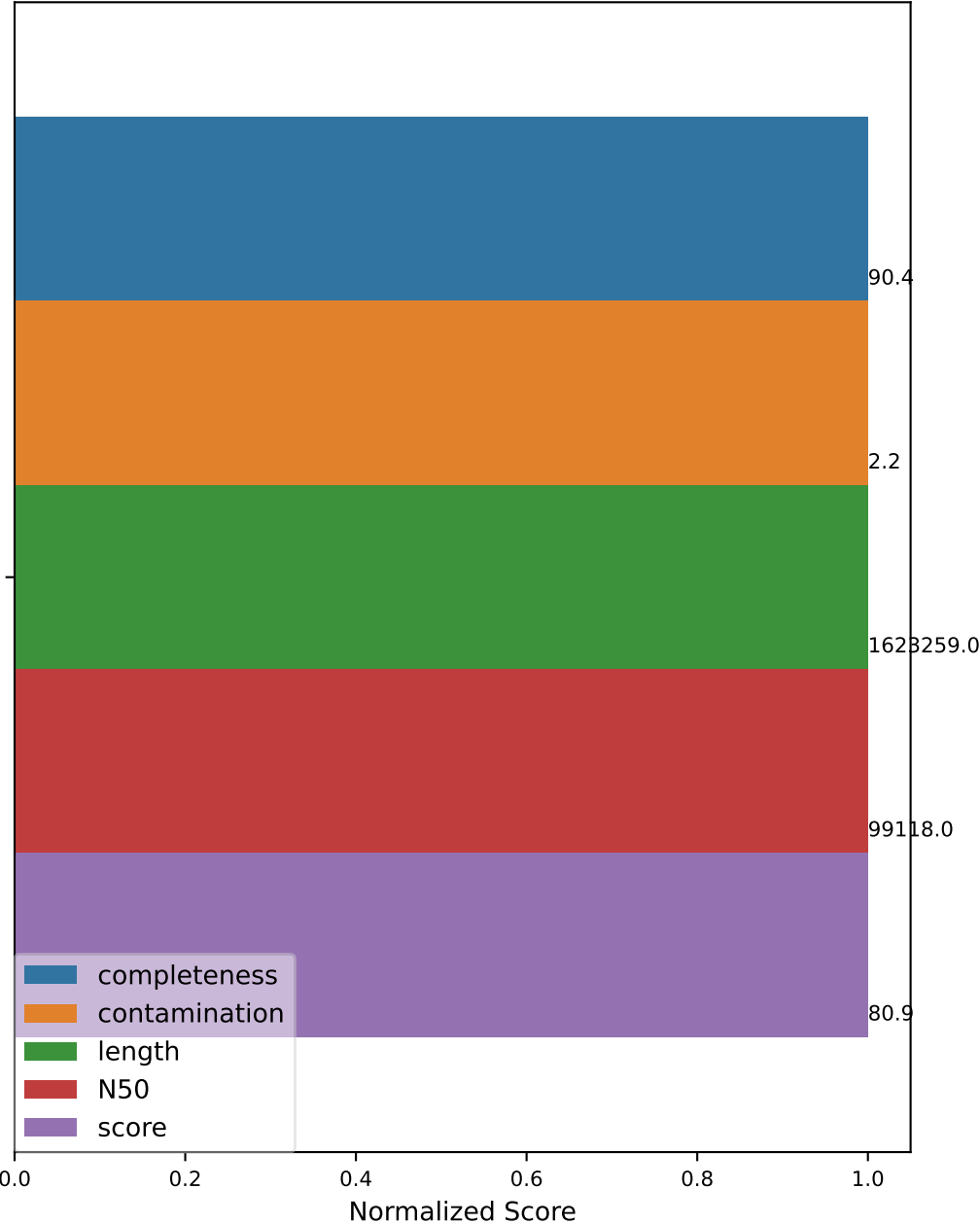
Scoring of cluster 661\_0



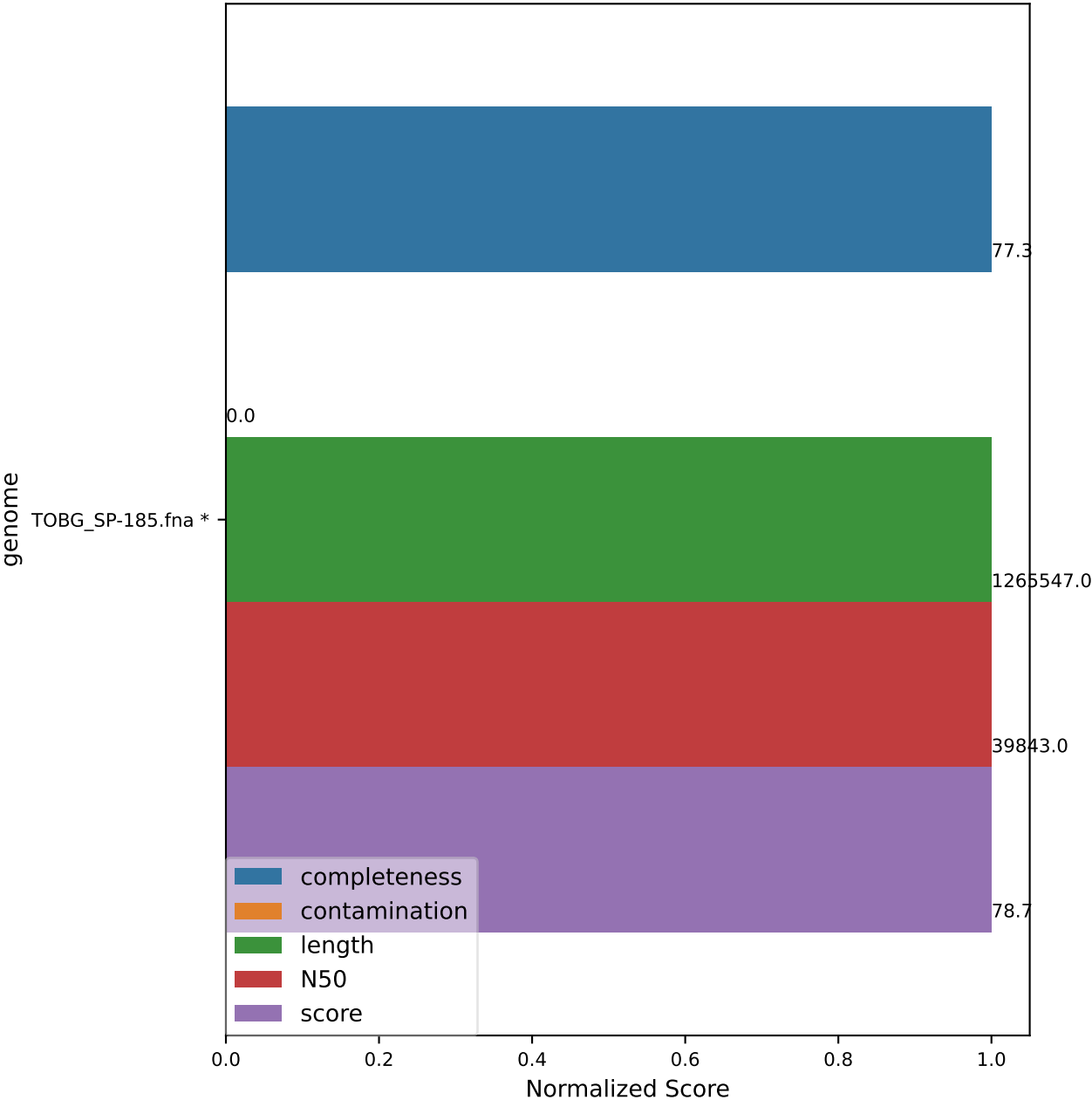
Scoring of cluster 662\_0

genome

TOBG\_SP-282.fna \*



Scoring of cluster 663\_0

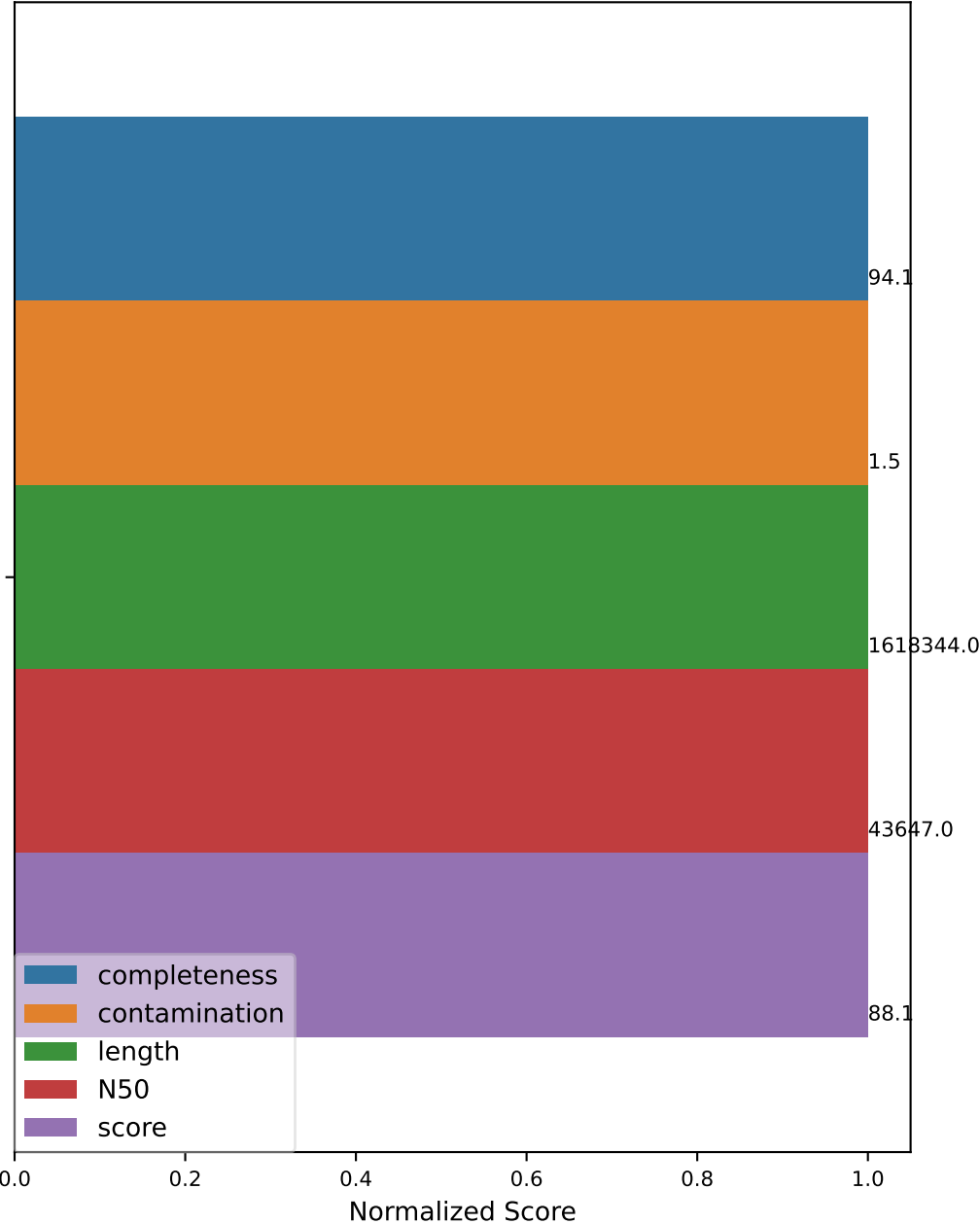




Scoring of cluster 664\_0

genome

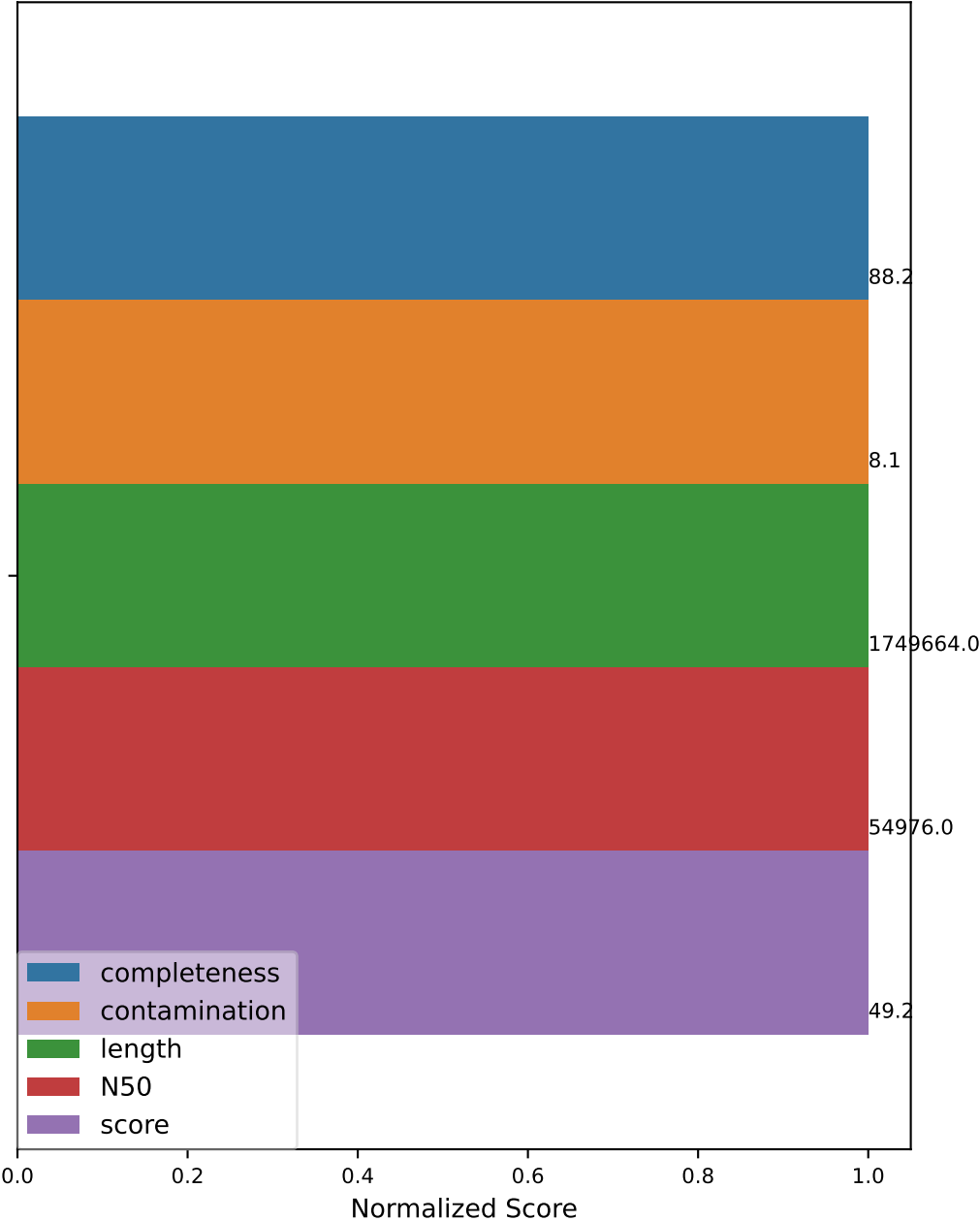
TOBG\_RS-408.fna \*



Scoring of cluster 665\_0

genome

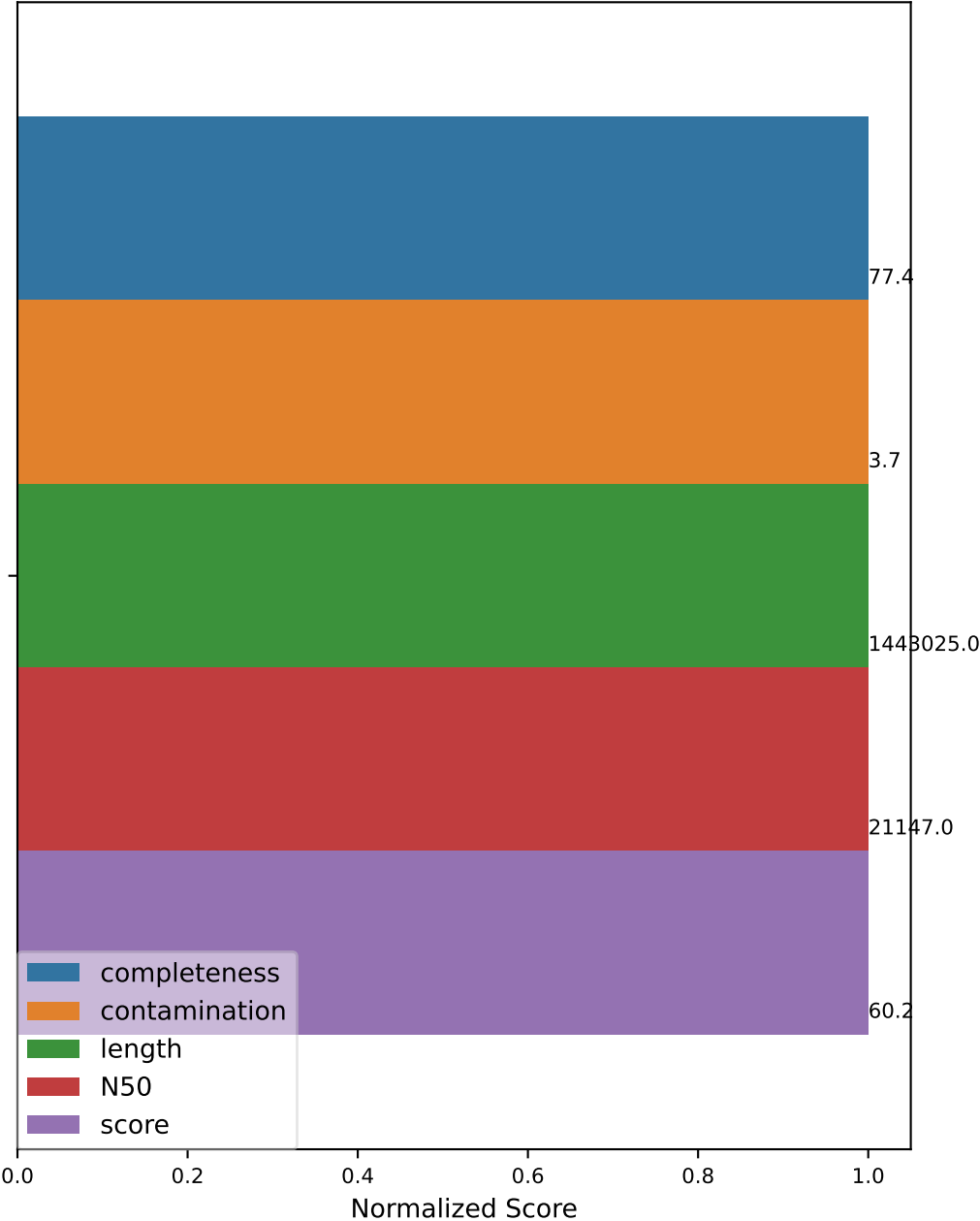
TOBG\_SP-3098.fna \*



Scoring of cluster 666\_0

genome

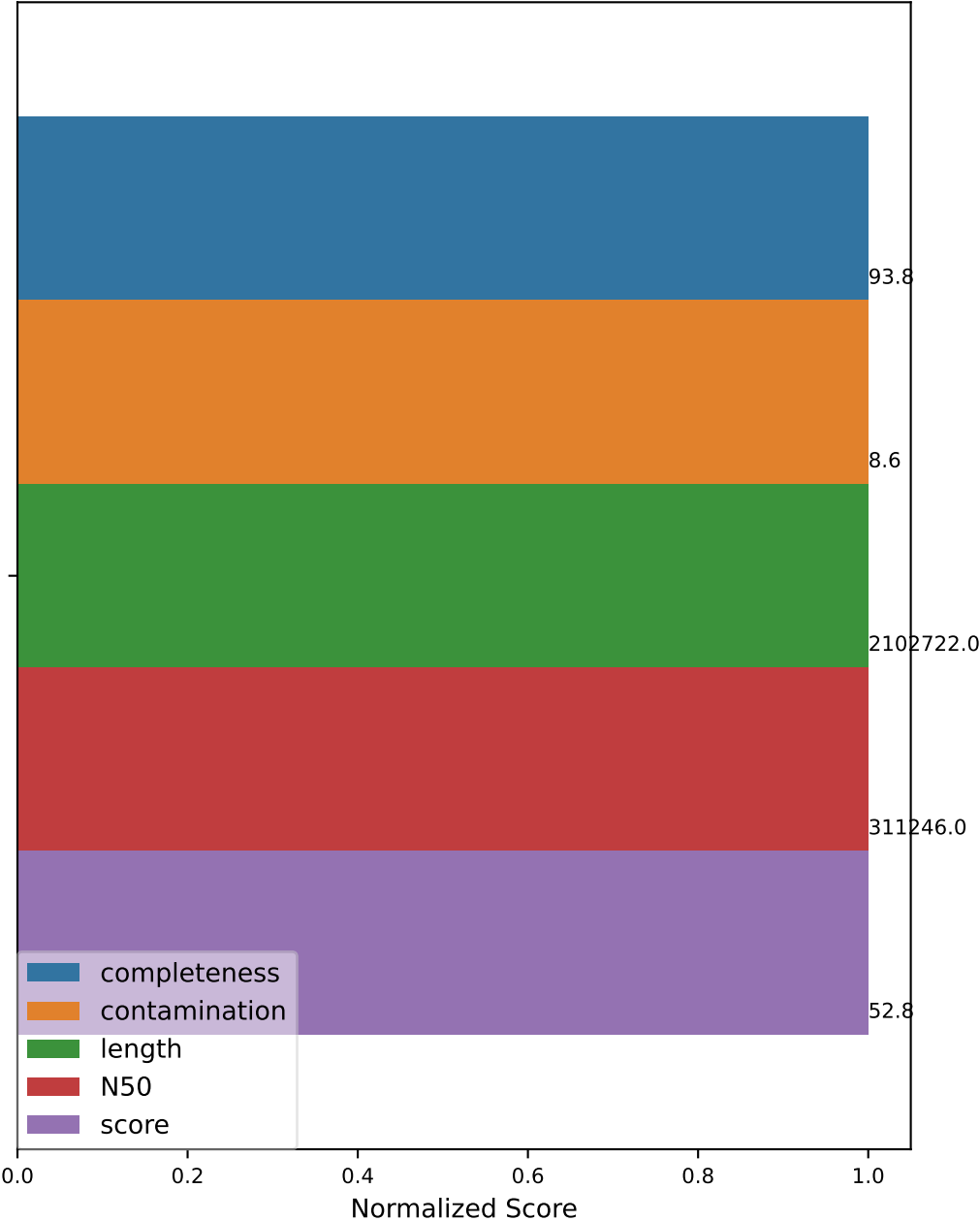
TOBG\_NAT-252.fna \*



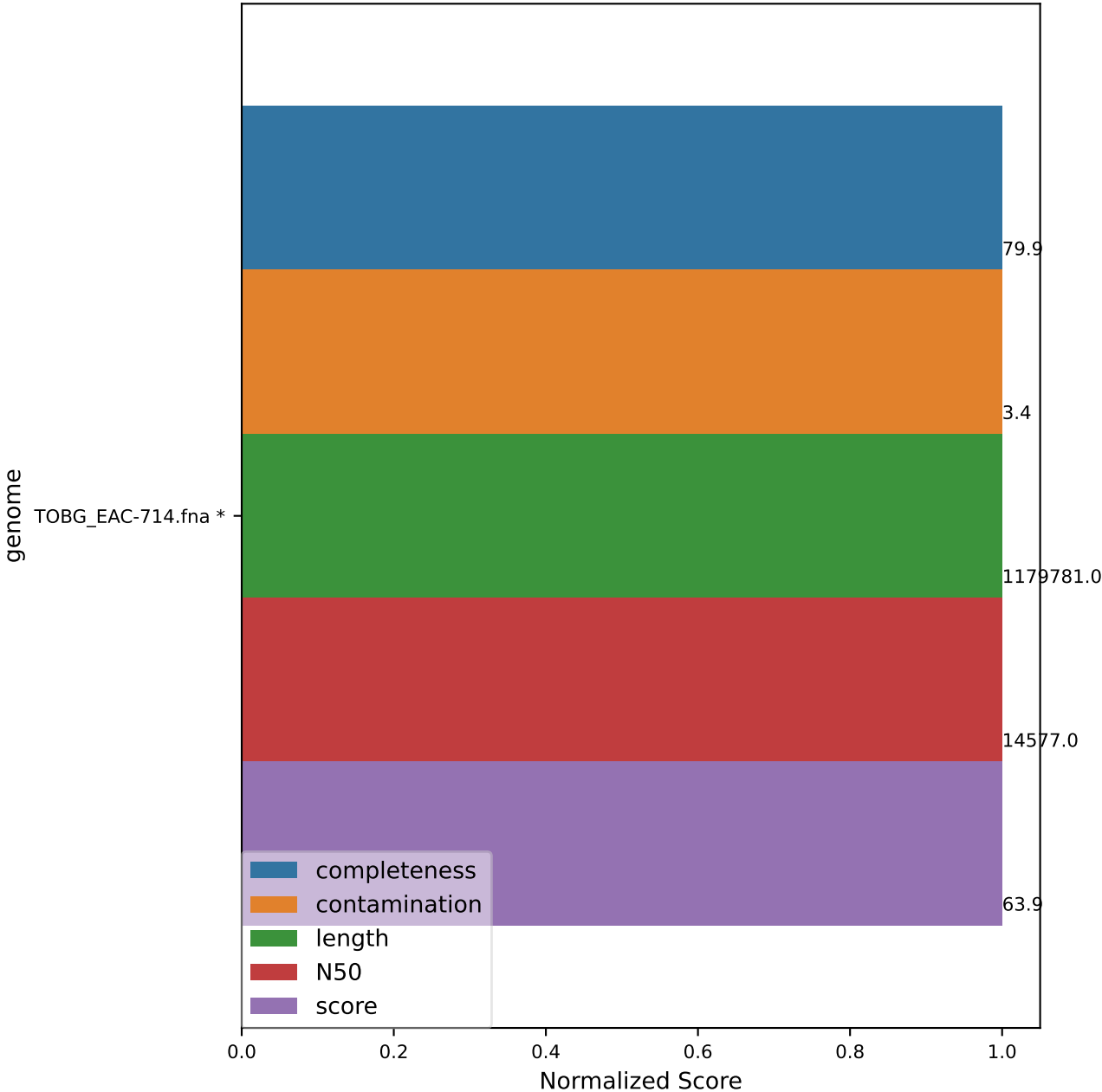
Scoring of cluster 667\_0

genome

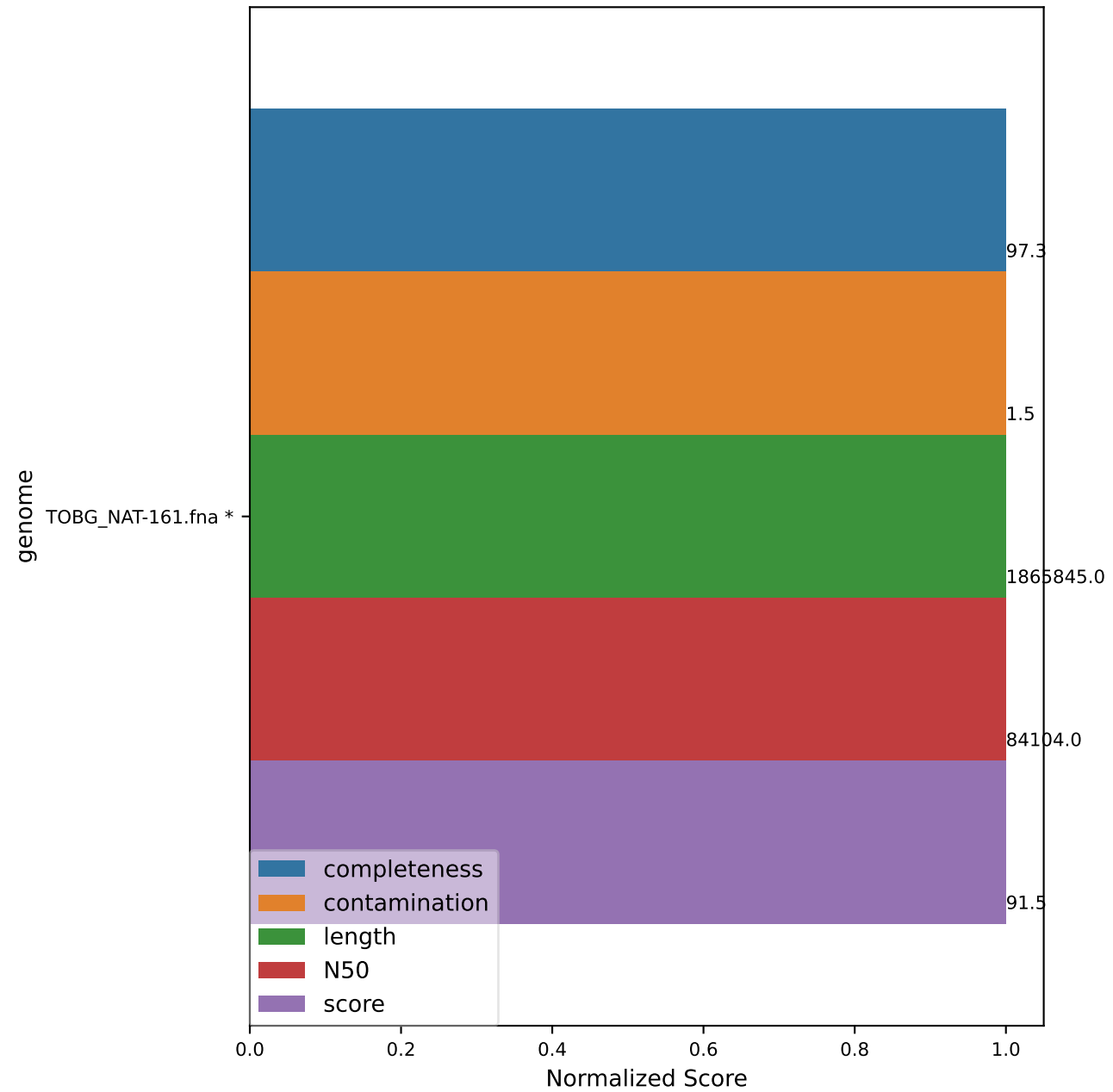
TOBG\_SP-3040.fna \*



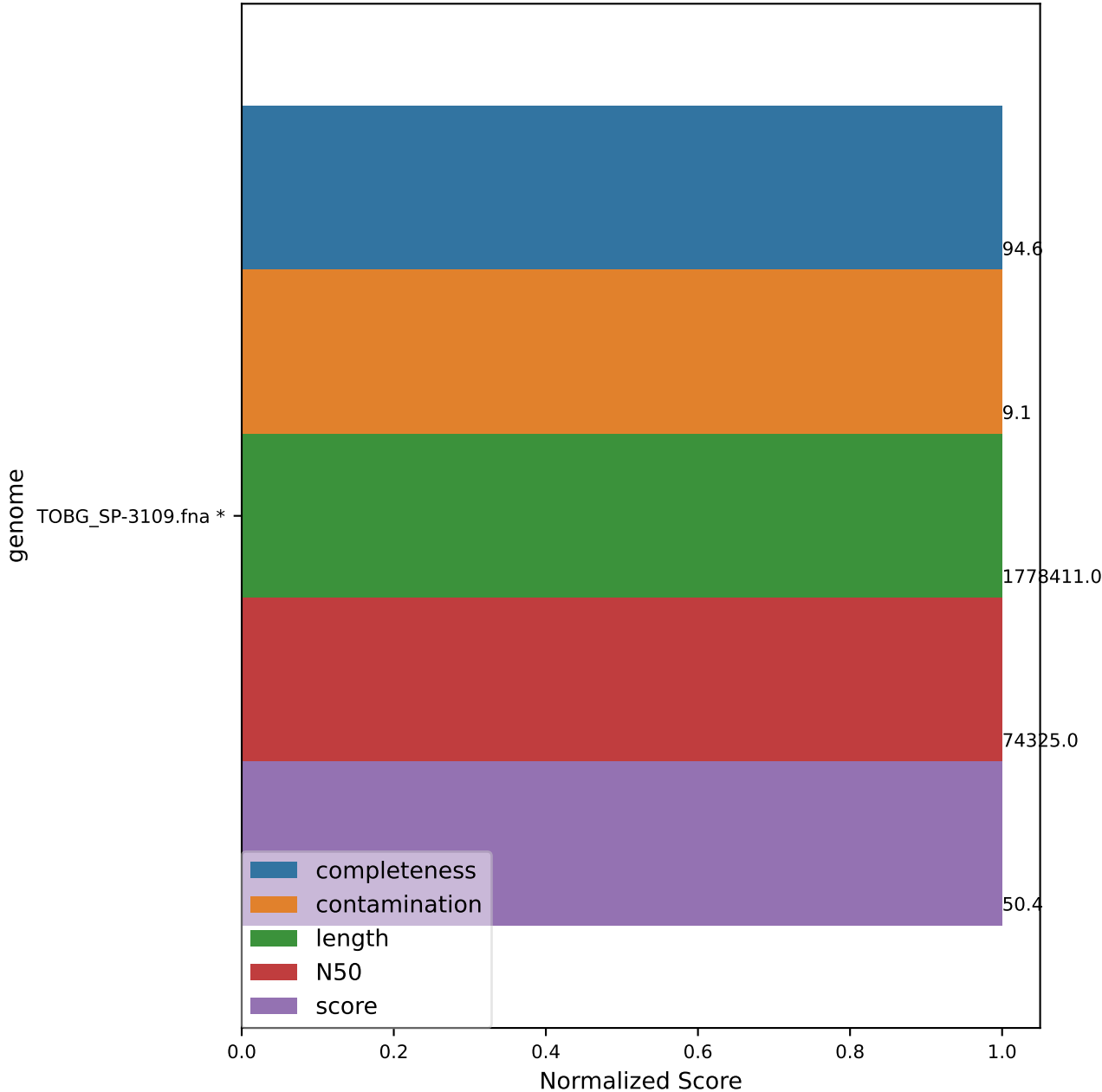
Scoring of cluster 668\_0



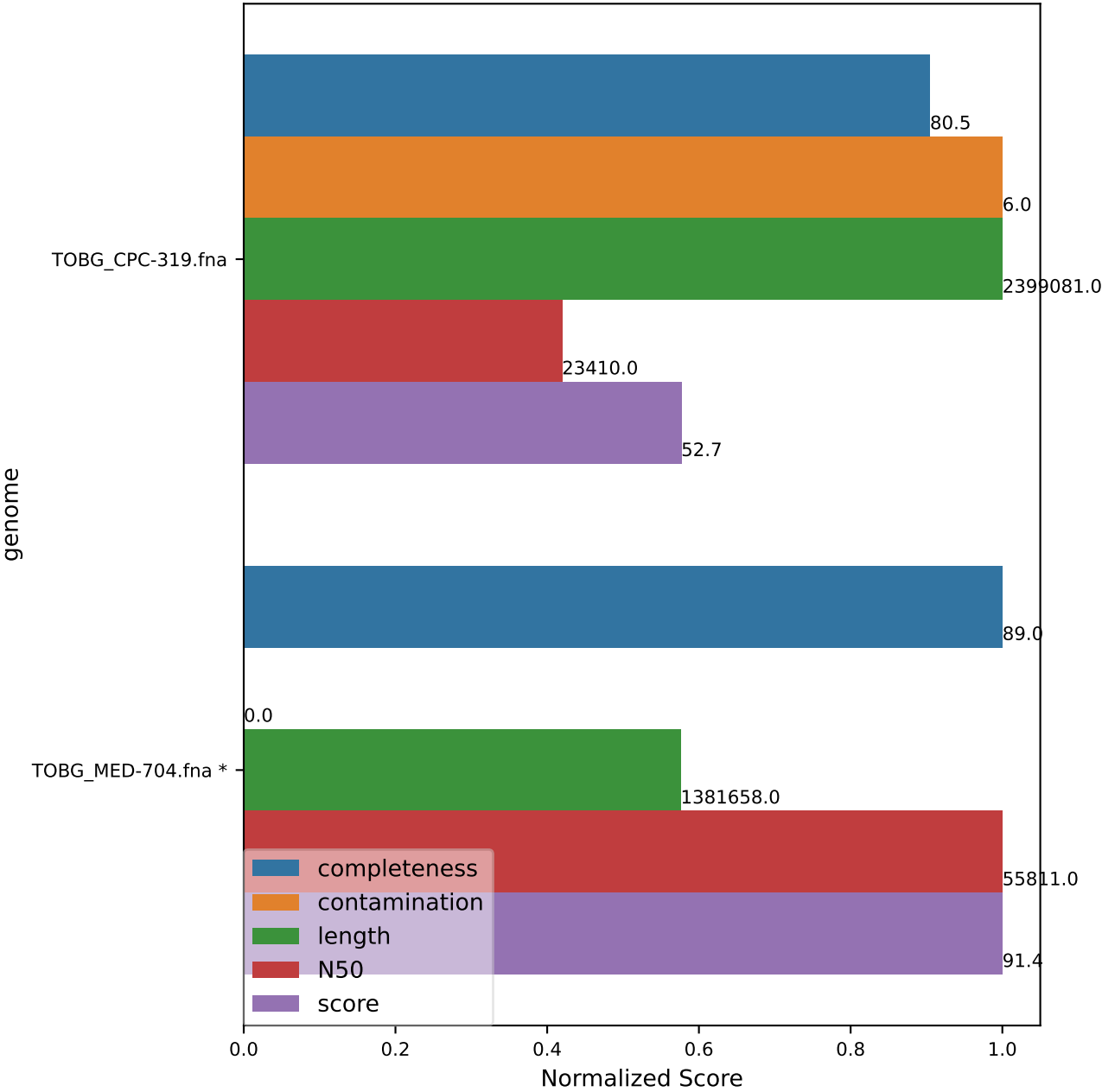
Scoring of cluster 669\_0



Scoring of cluster 670\_0



Scoring of cluster 671\_1

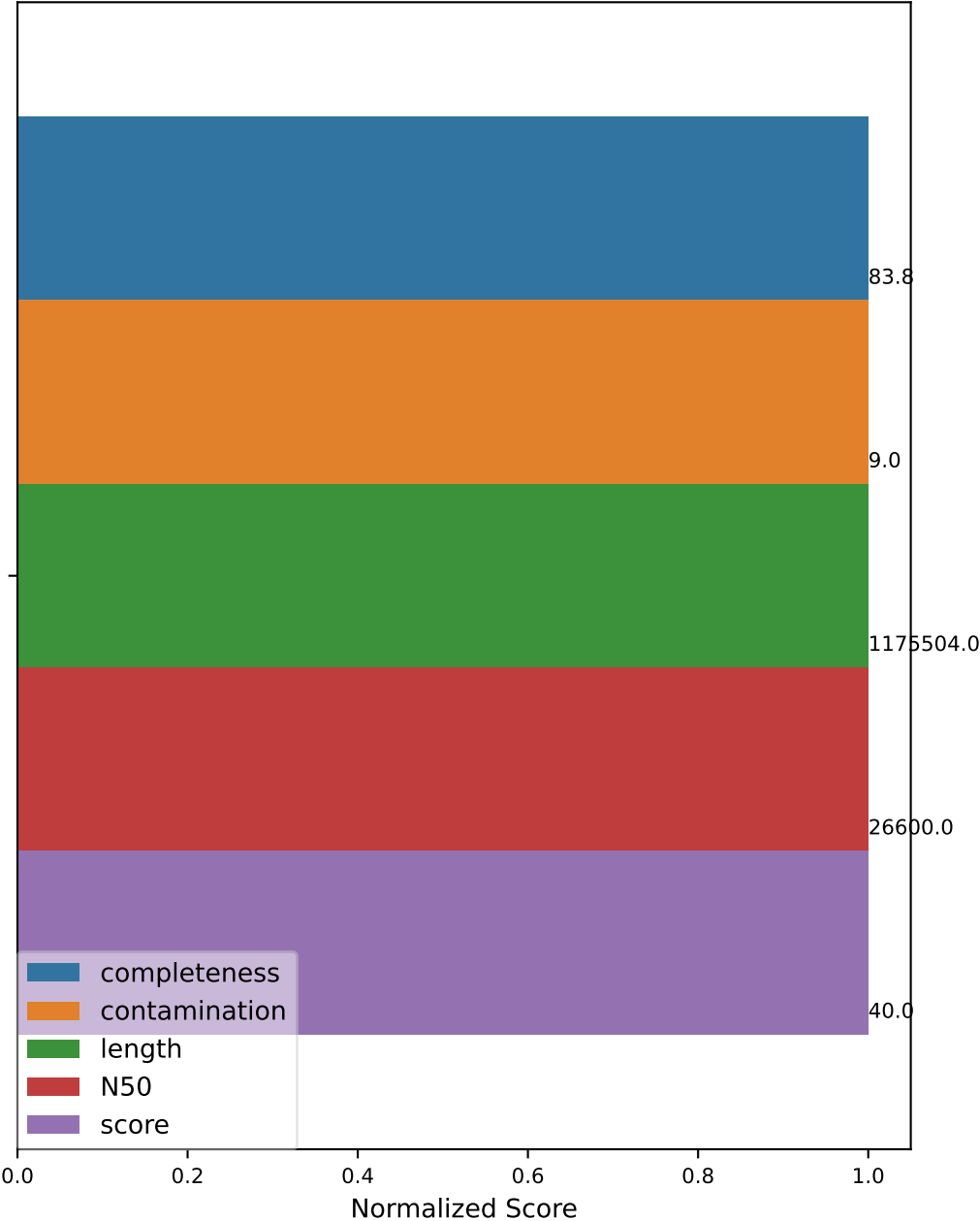




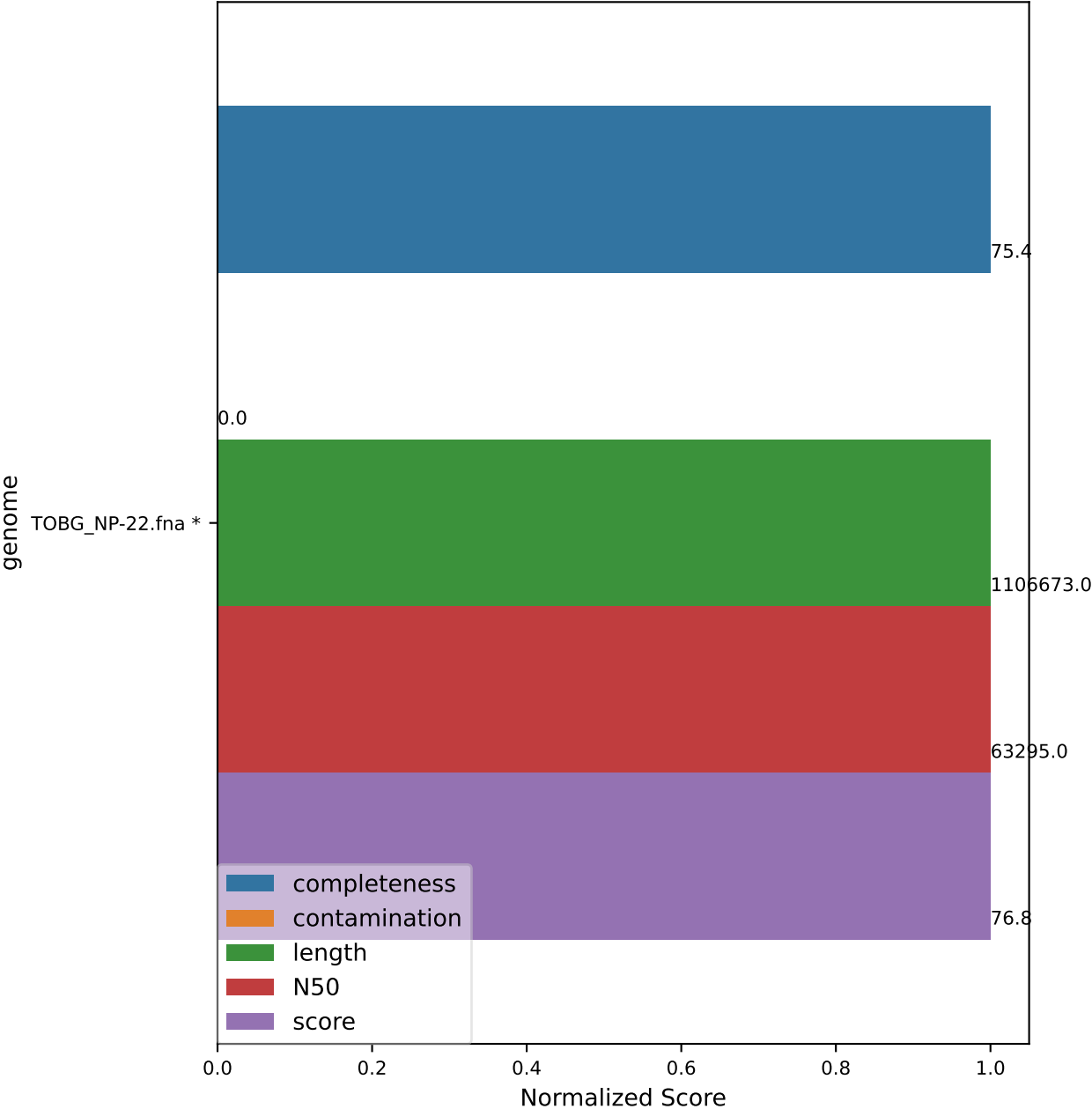
Scoring of cluster 672\_0

genome

TOBG\_NAT-272.fna \*



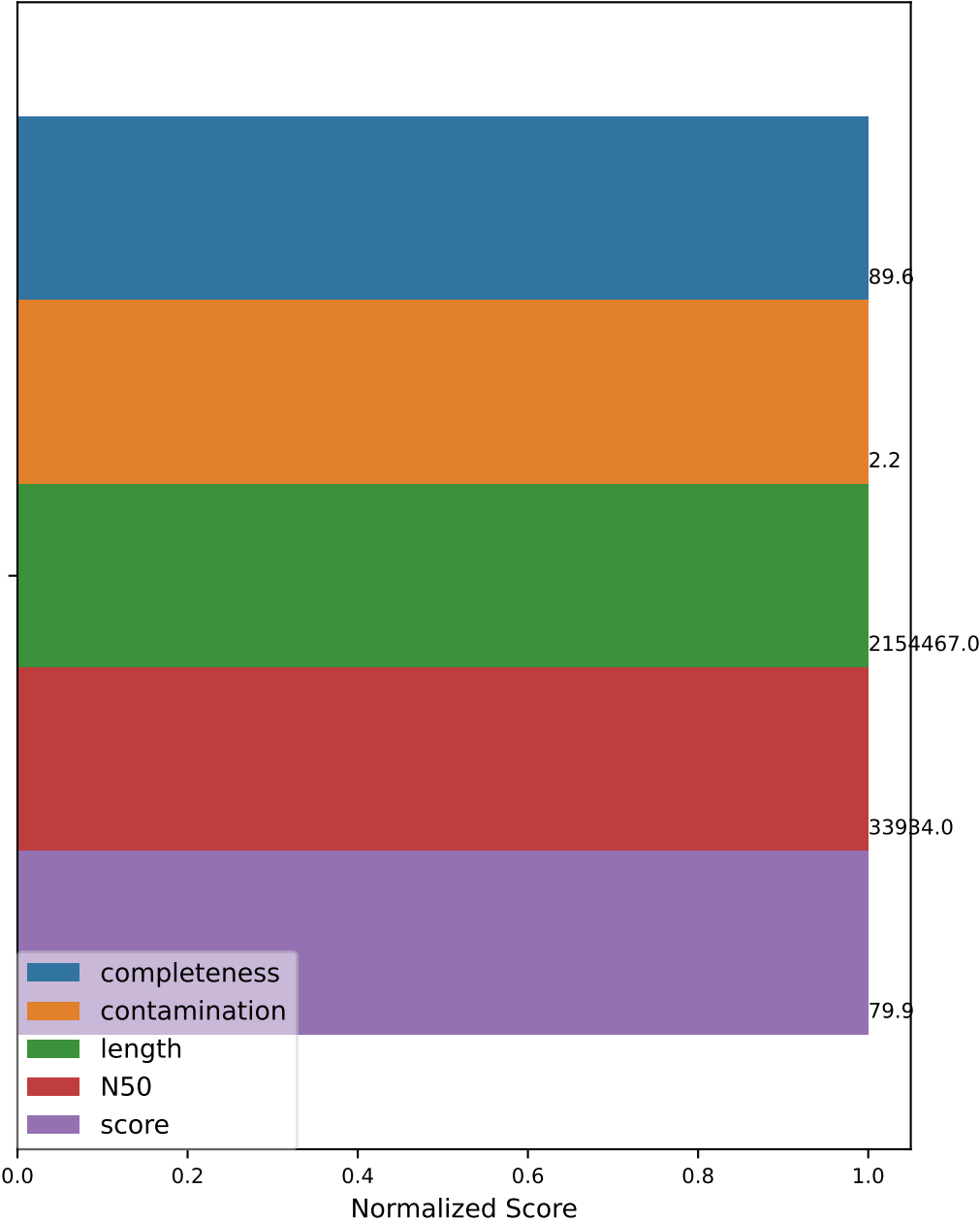
Scoring of cluster 673\_0



Scoring of cluster 674\_0

genome

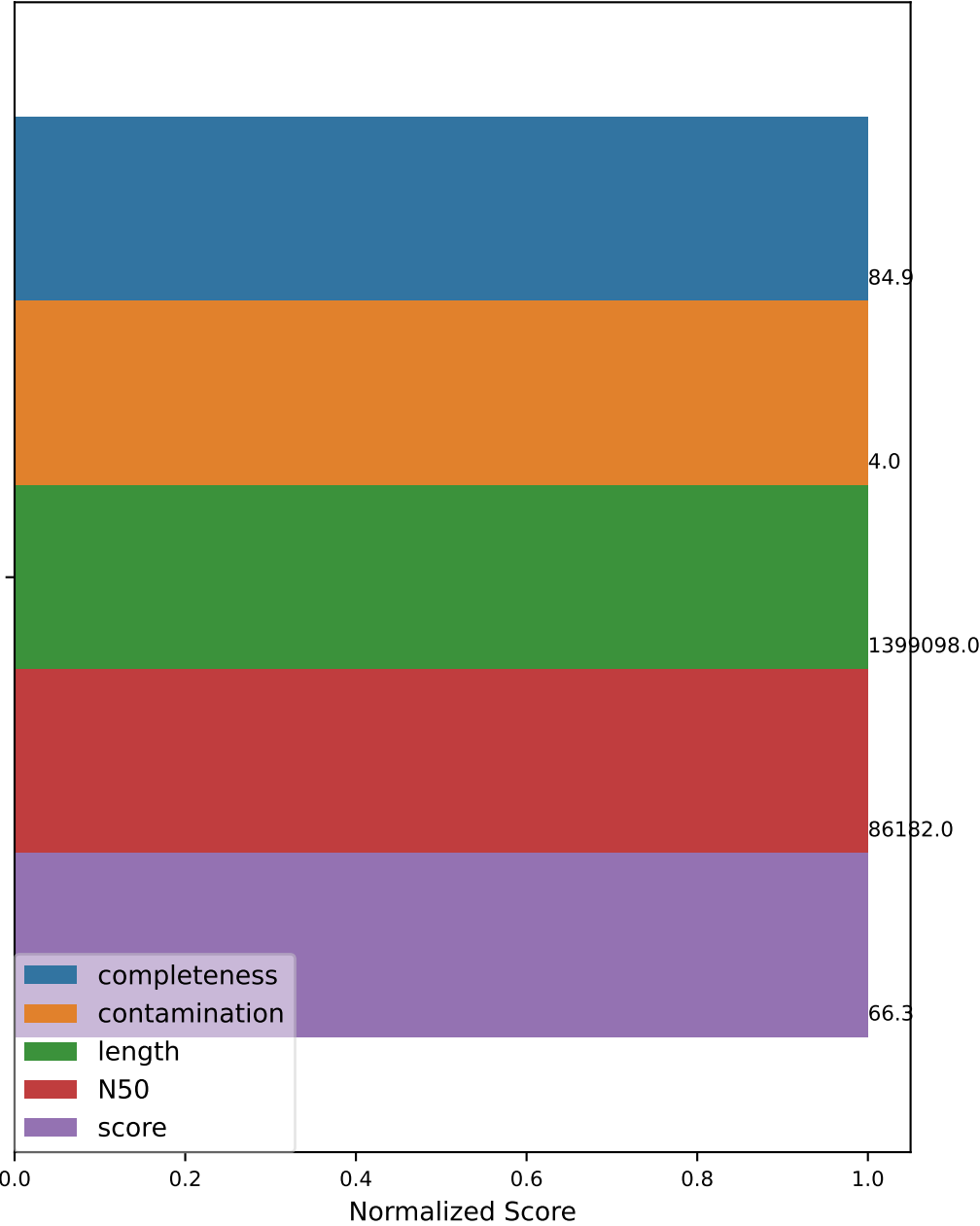
TOBG\_RS-421.fna \*



Scoring of cluster 675\_0

genome

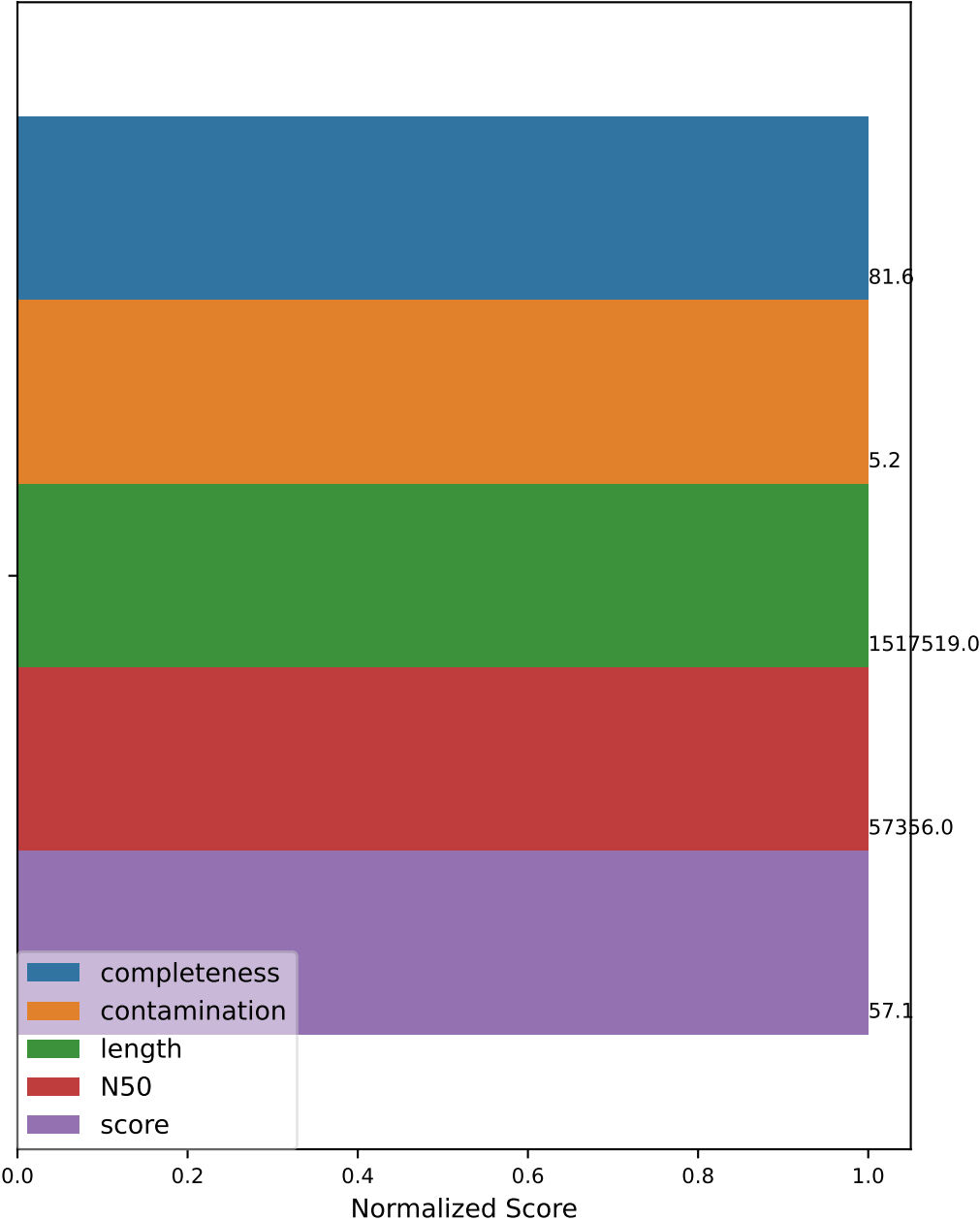
TOBG\_SP-56.fna \*



Scoring of cluster 676\_0

genome

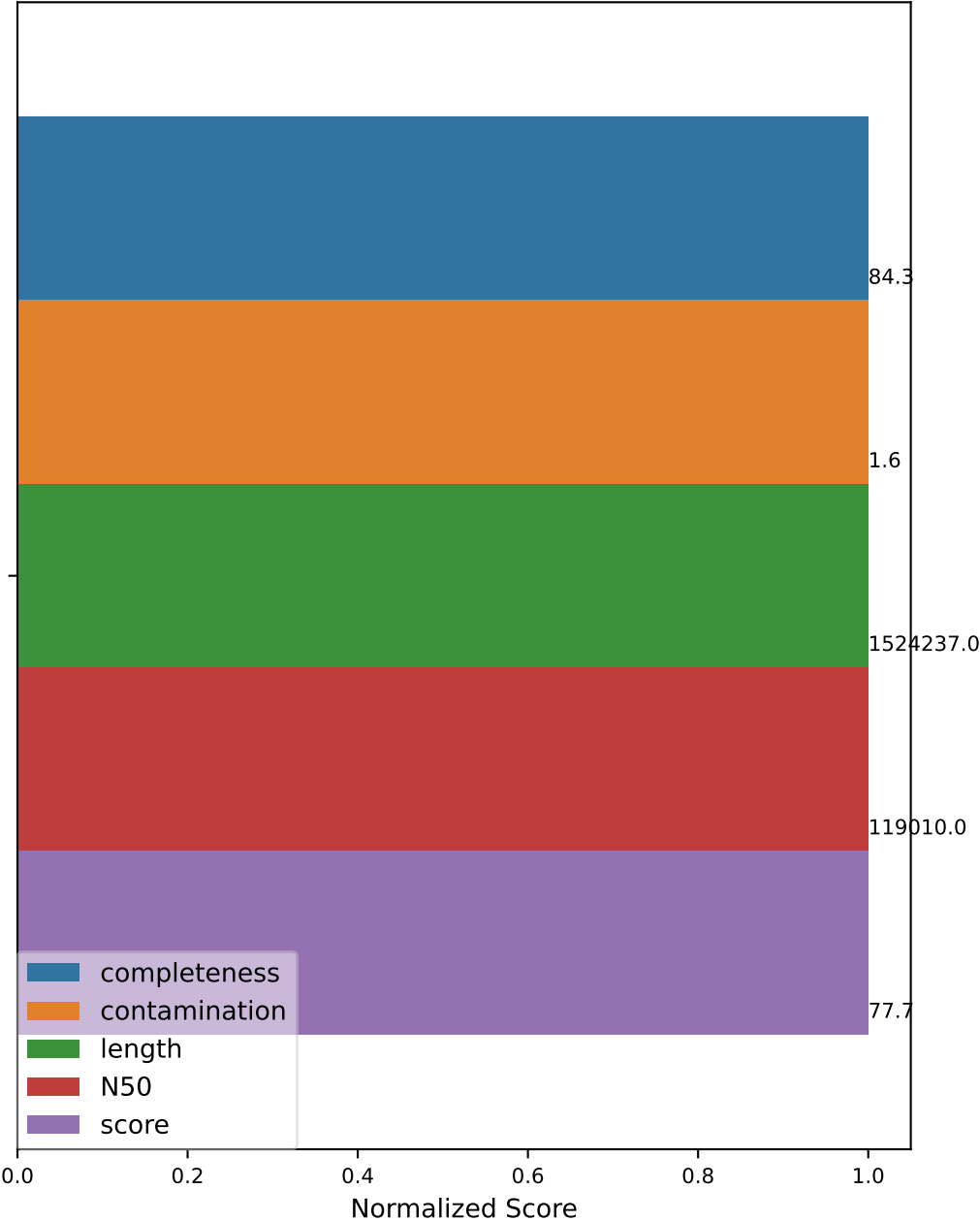
TOBG\_MED-1001.fna \*



Scoring of cluster 677\_0

genome

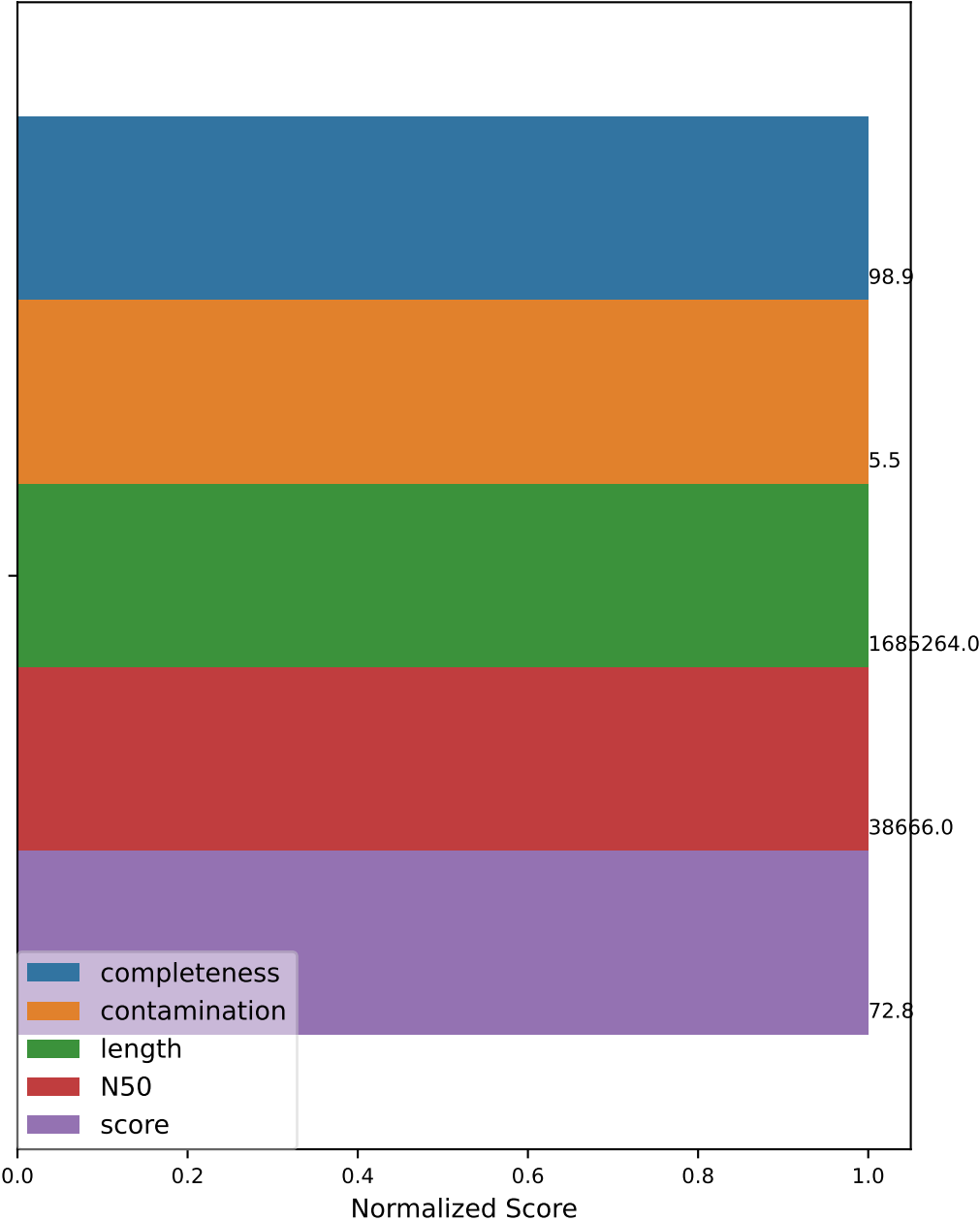
TOBG\_MED-1076.fna \*



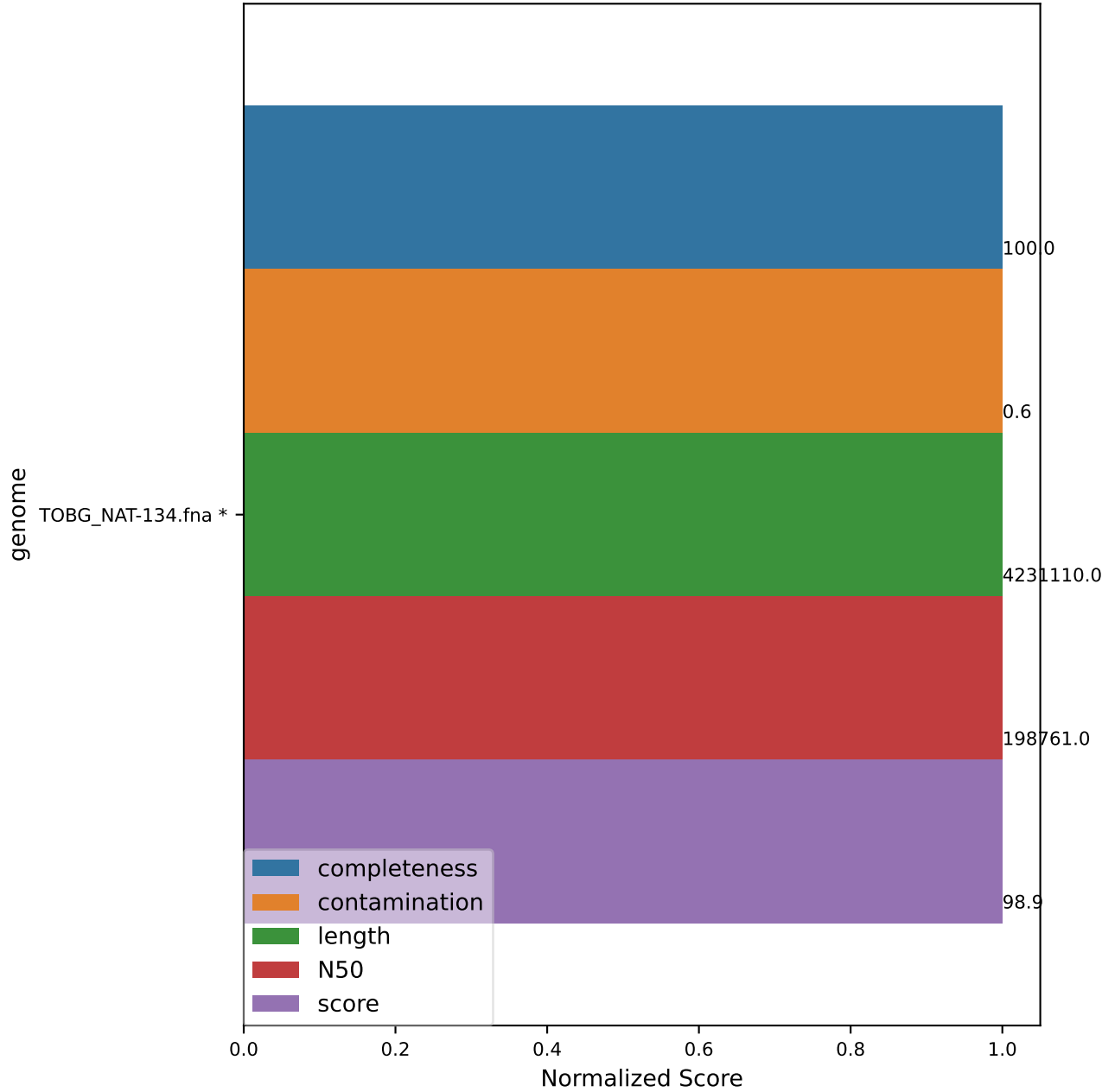
Scoring of cluster 678\_0

genome

TOBG\_MED-652.fna \*



Scoring of cluster 679\_0

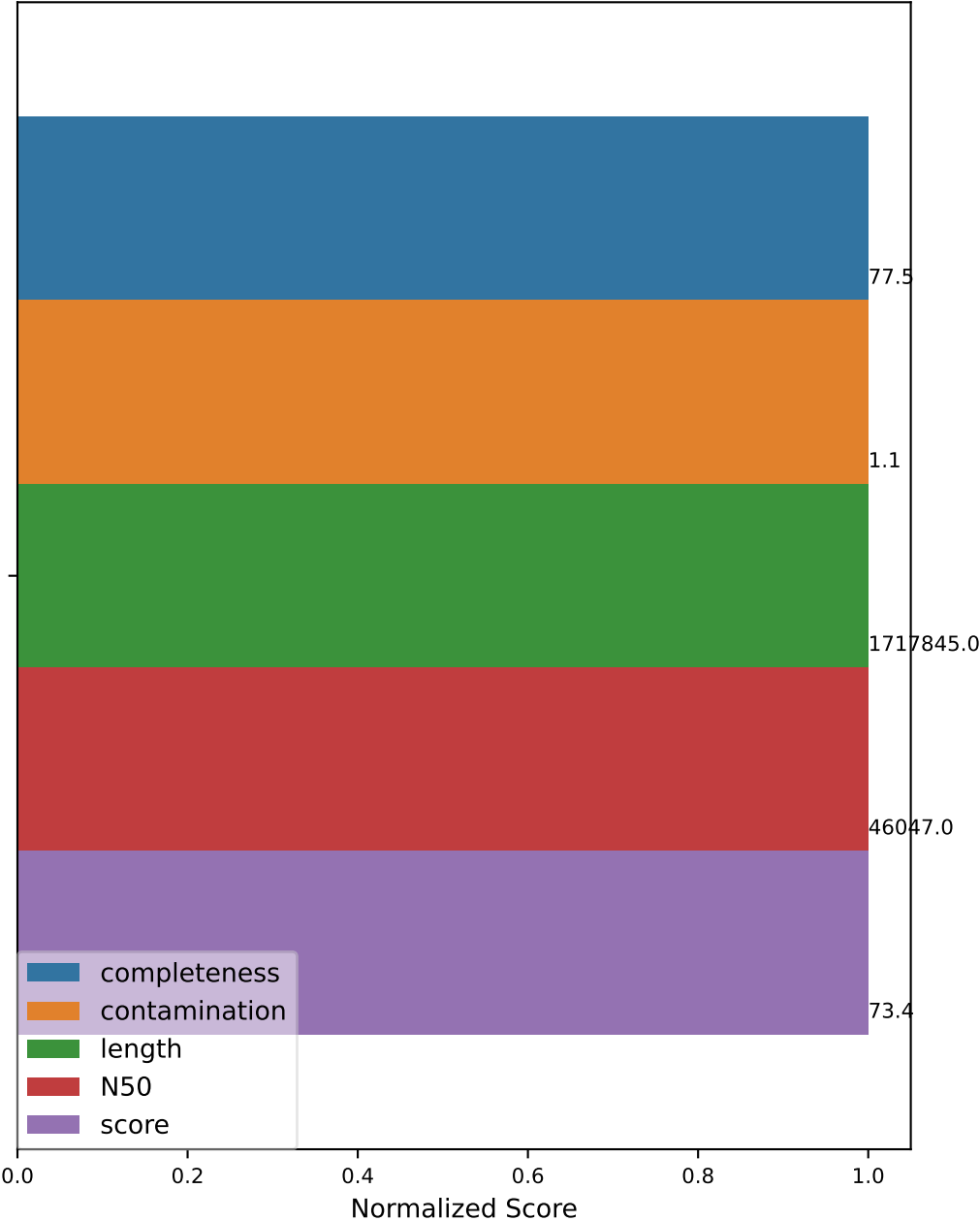




Scoring of cluster 680\_0

genome

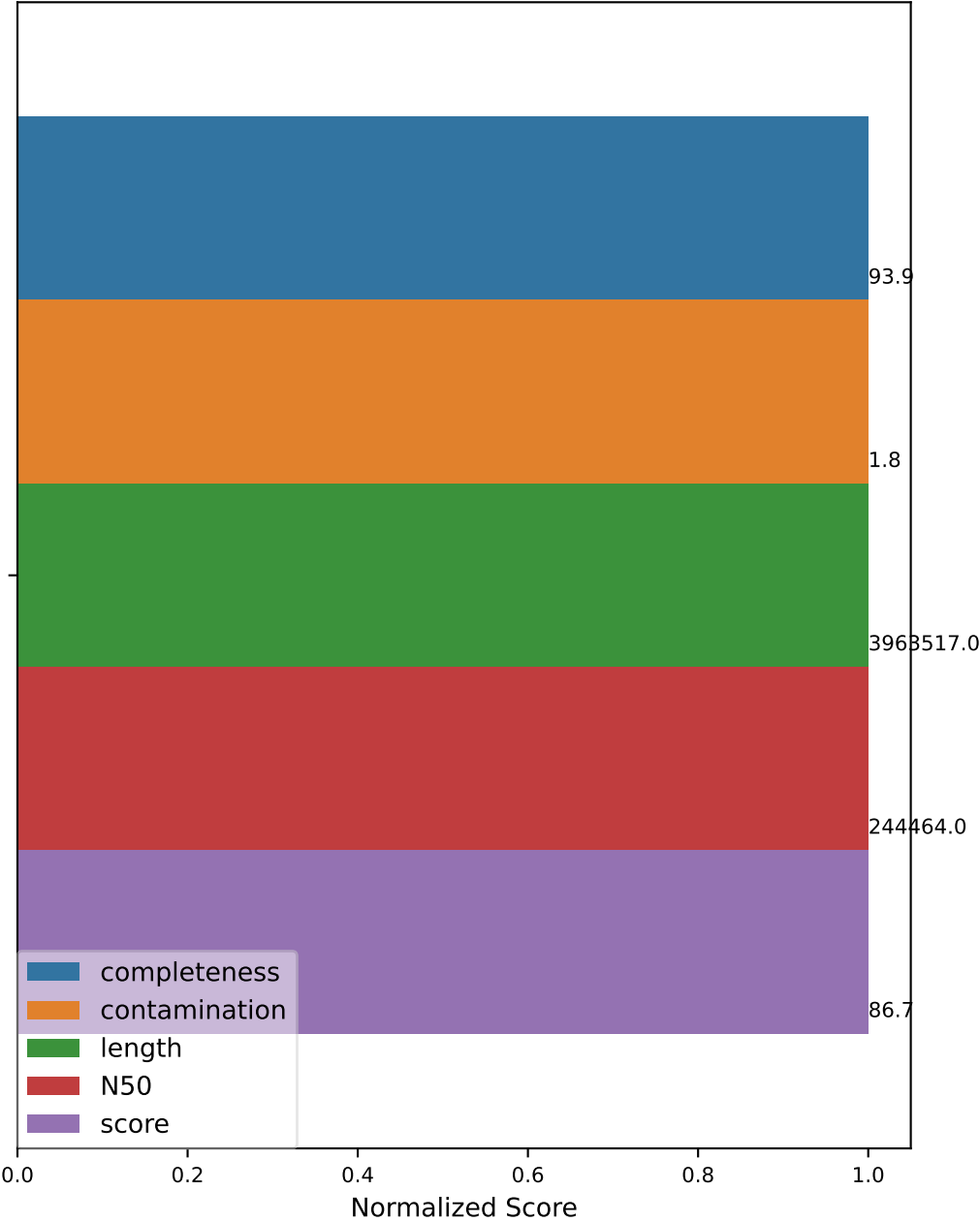
TOBG\_MED-721.fna \*



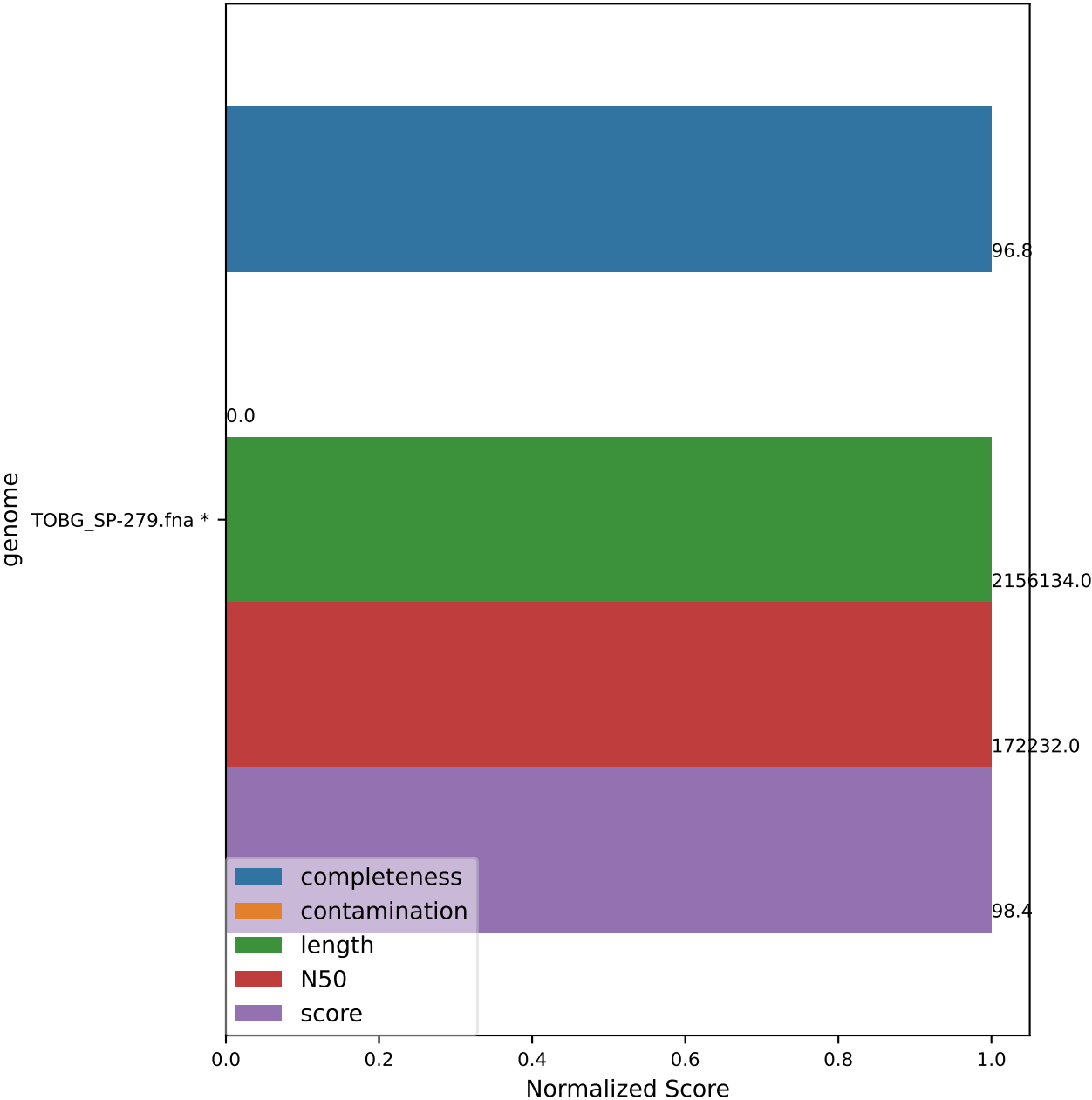
Scoring of cluster 681\_0

genome

TOBG\_SAT-179.fna \*



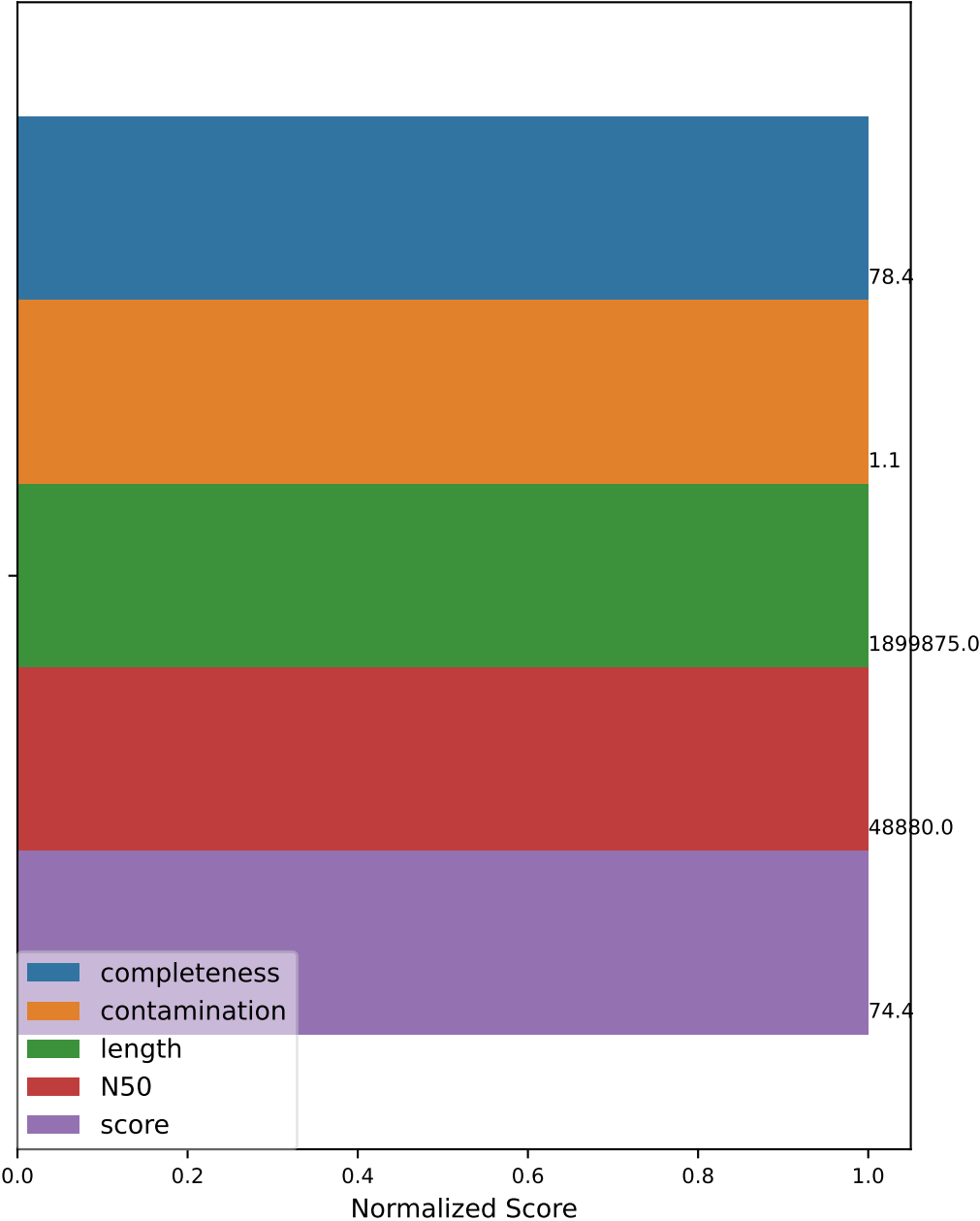
Scoring of cluster 682\_0



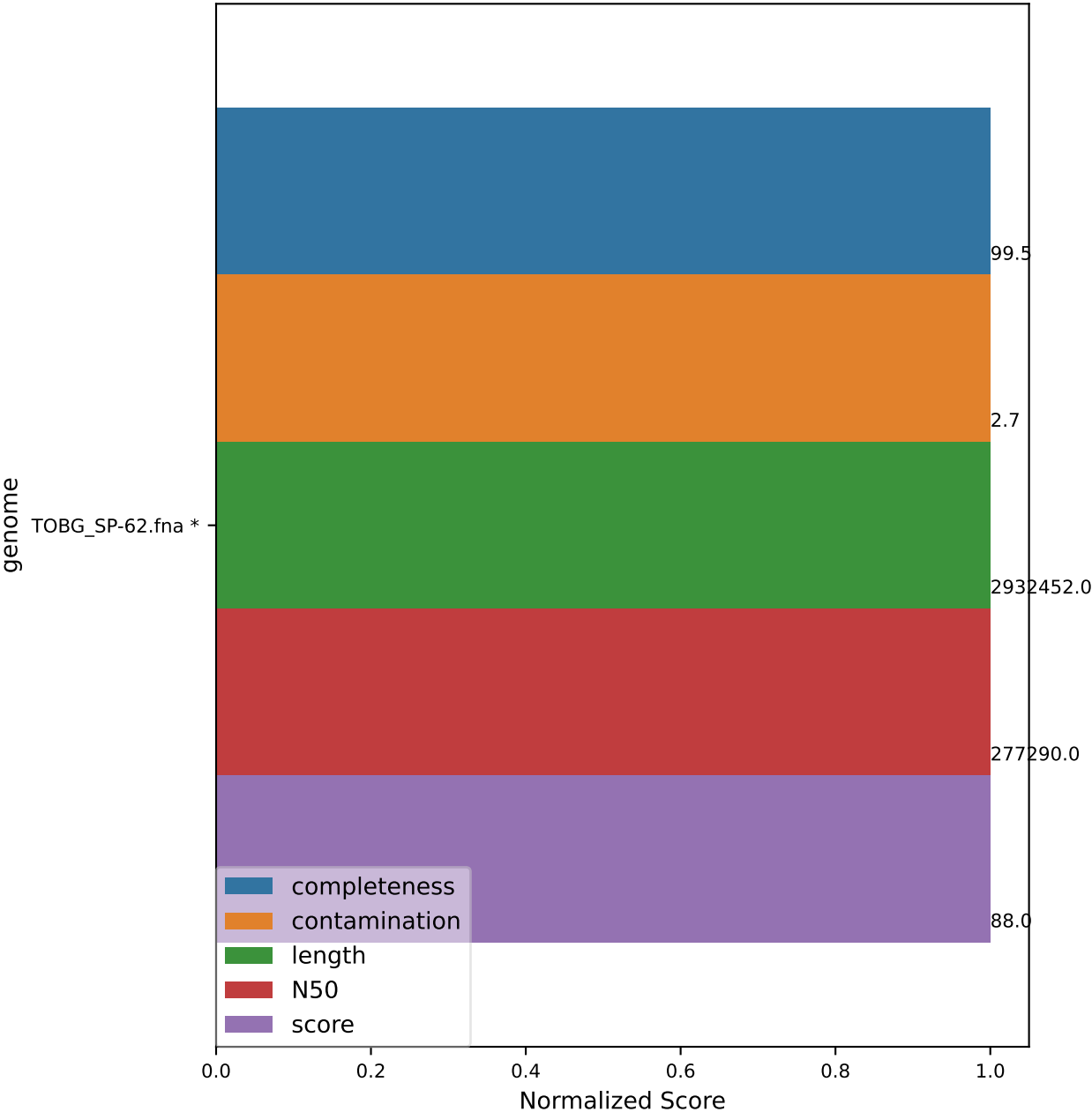
Scoring of cluster 683\_0

genome

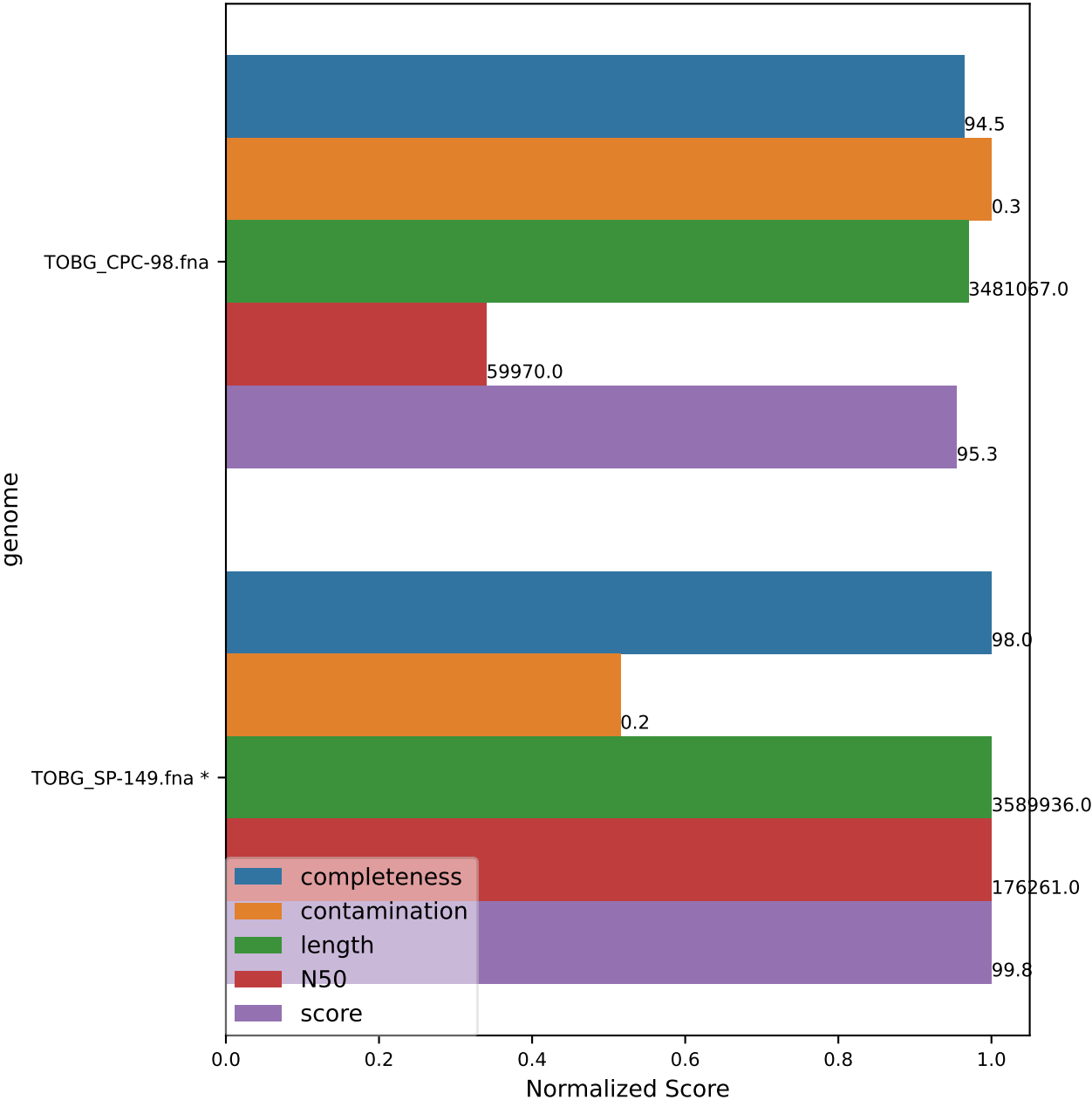
TOBG\_SP-341.fna \*



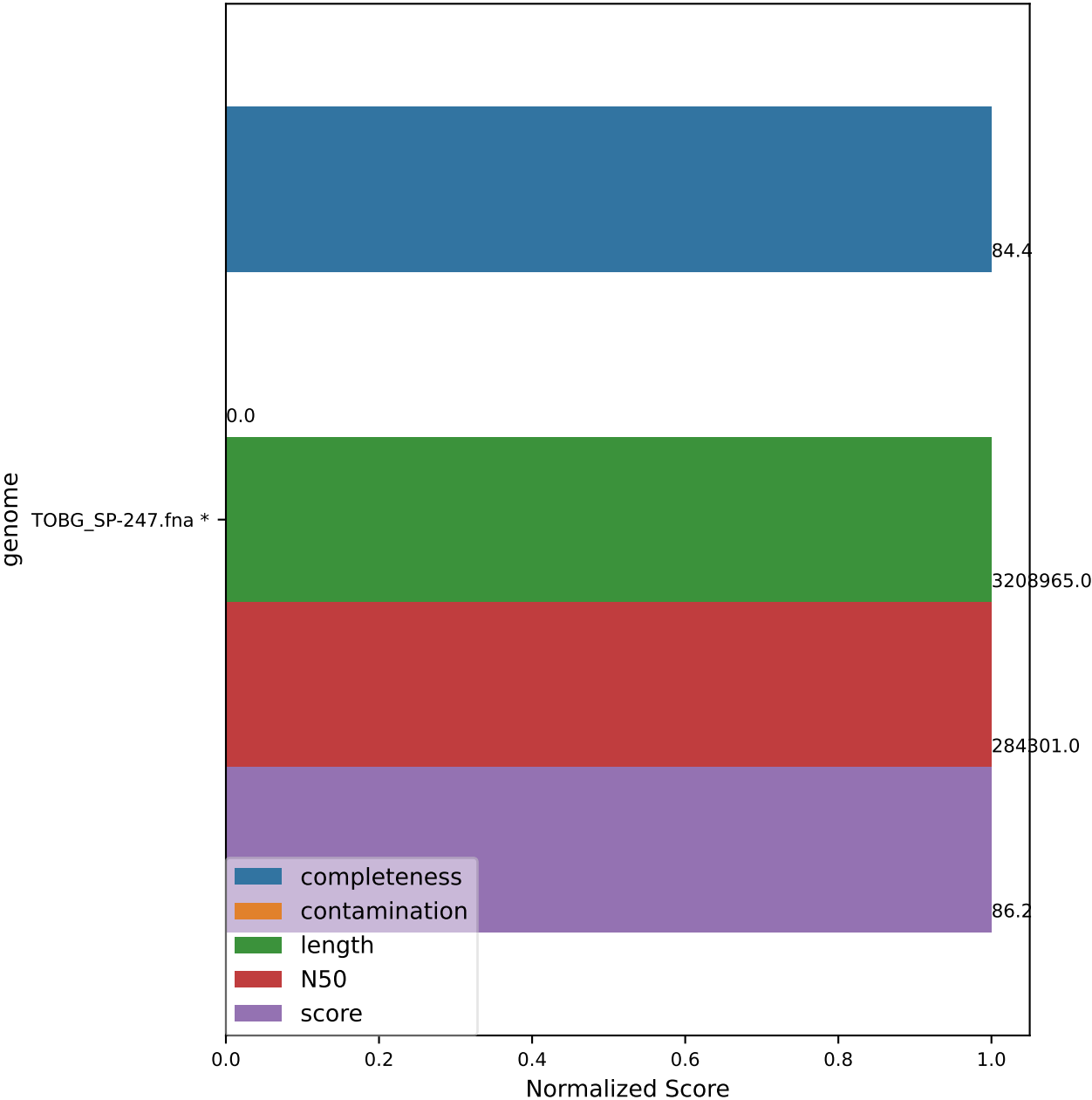
Scoring of cluster 684\_0



Scoring of cluster 685\_1



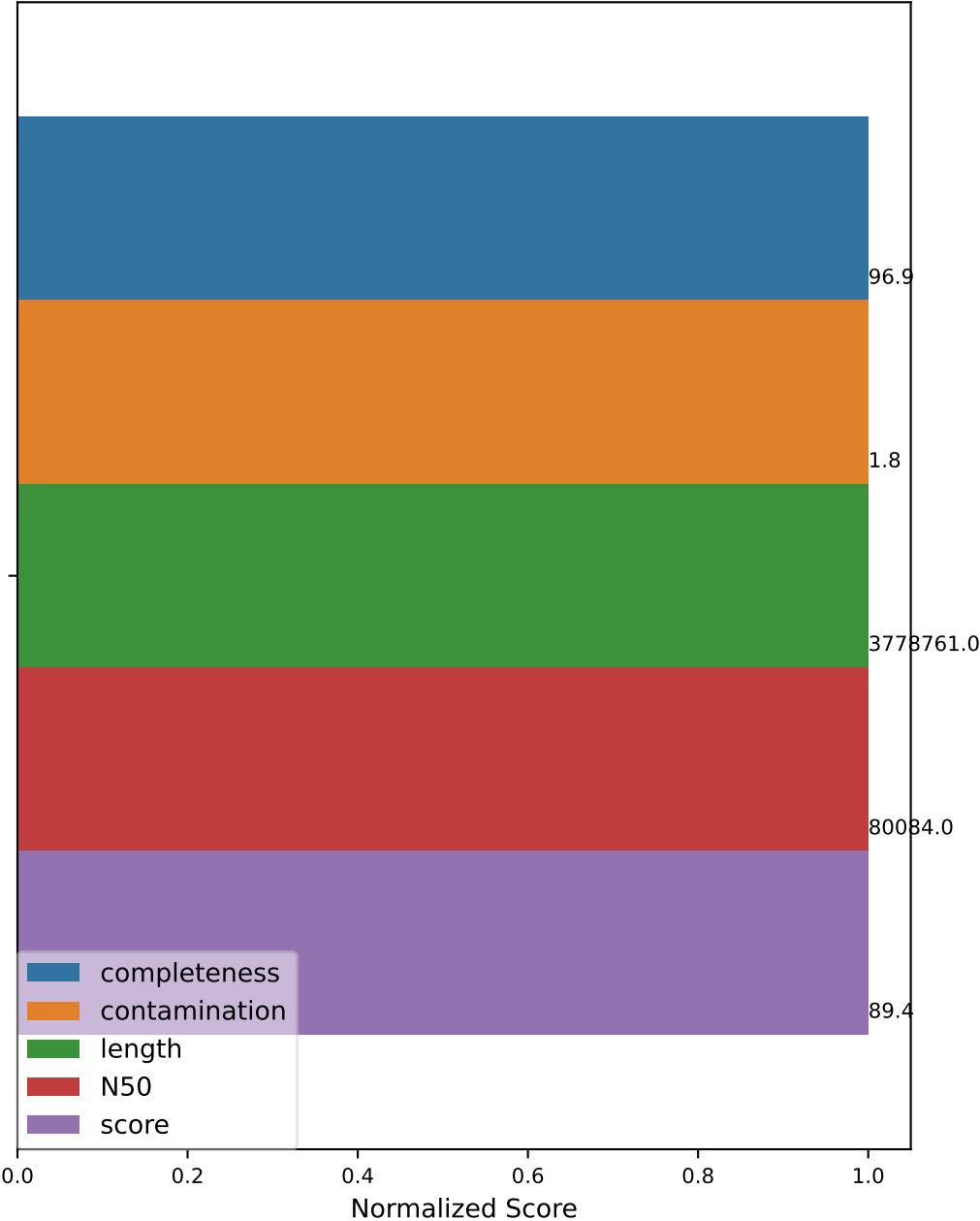
Scoring of cluster 686\_0



Scoring of cluster 687\_0

genome

TOBG\_SAT-129.fna \*

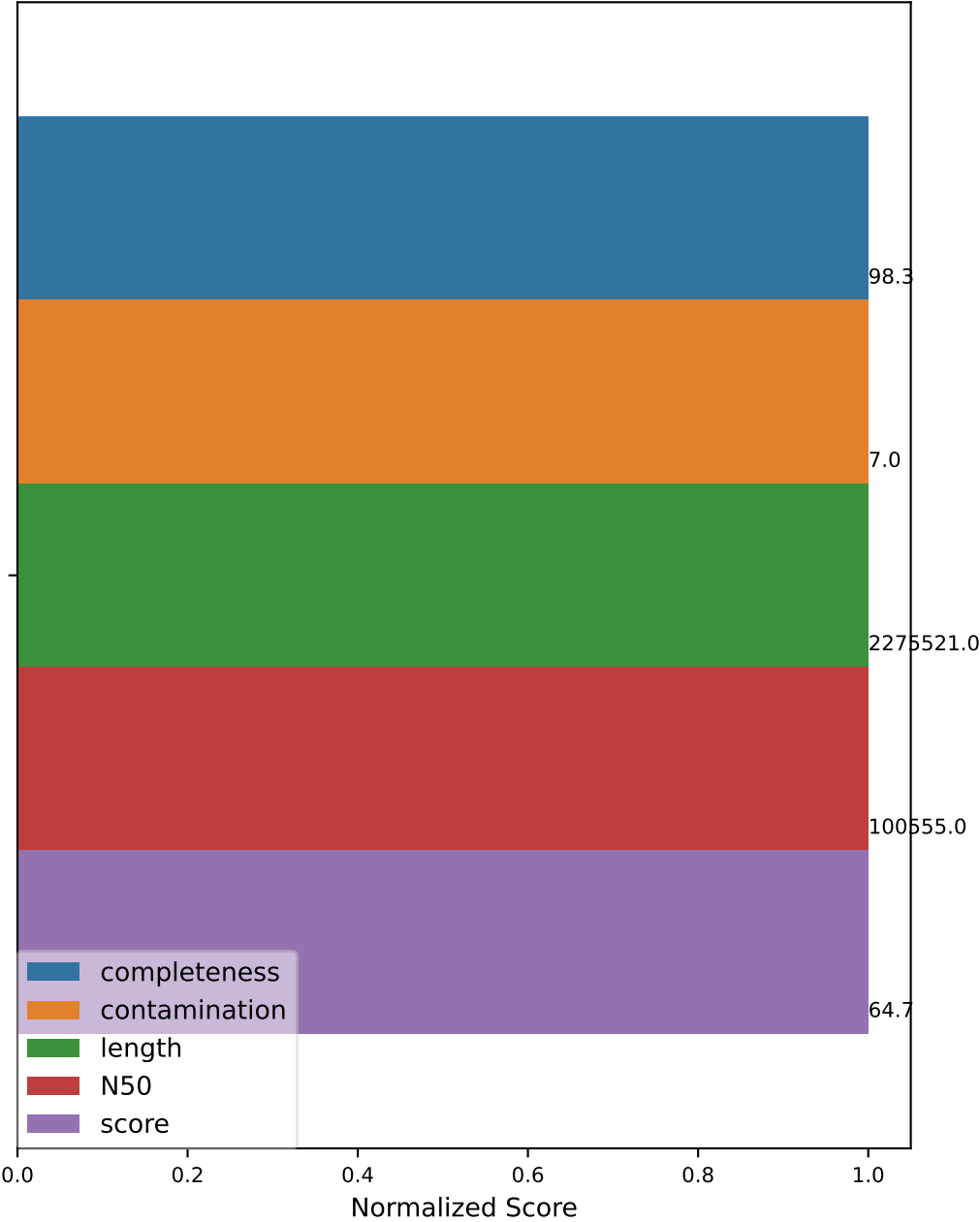




Scoring of cluster 688\_0

genome

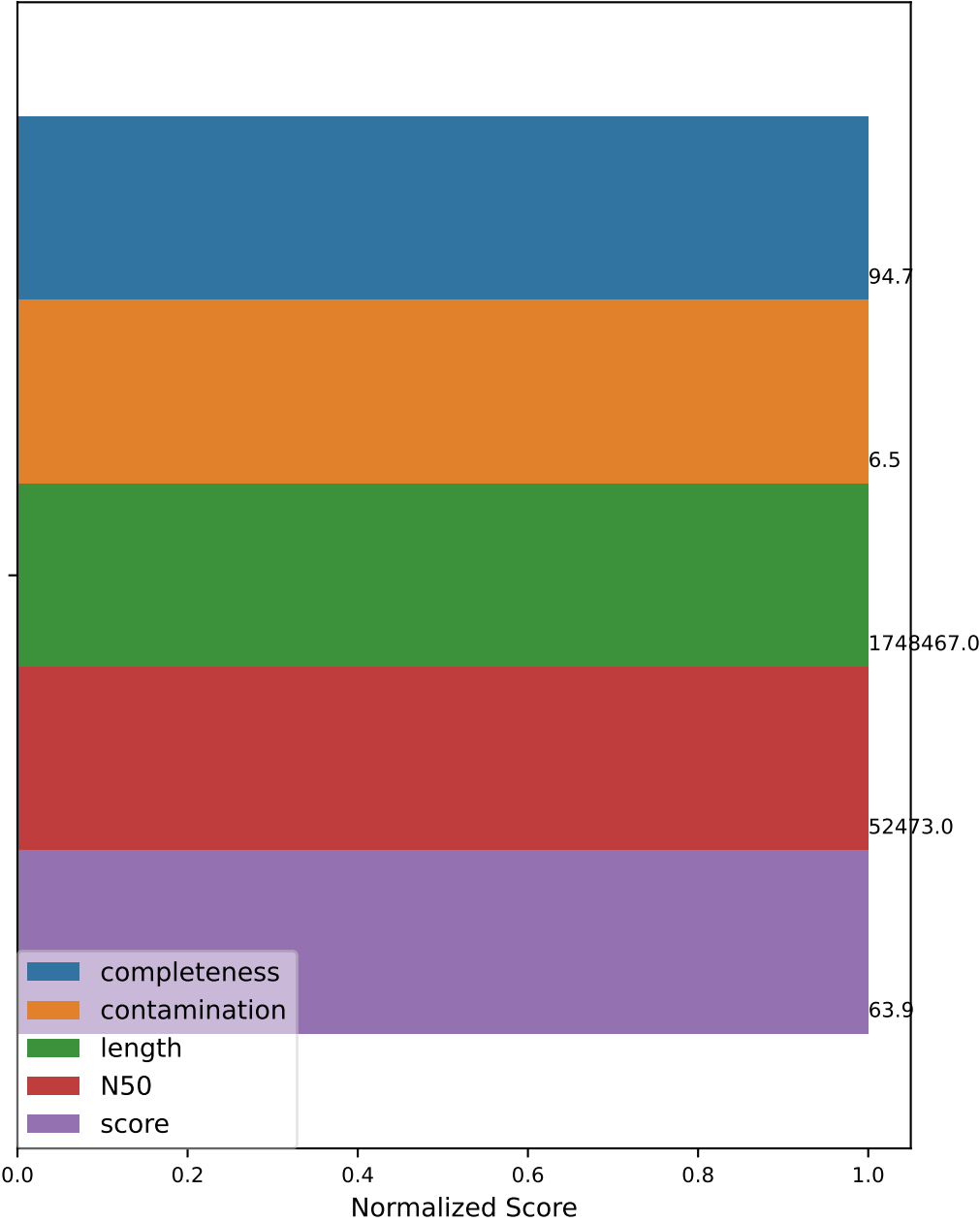
TOBG\_NAT-166.fna \*



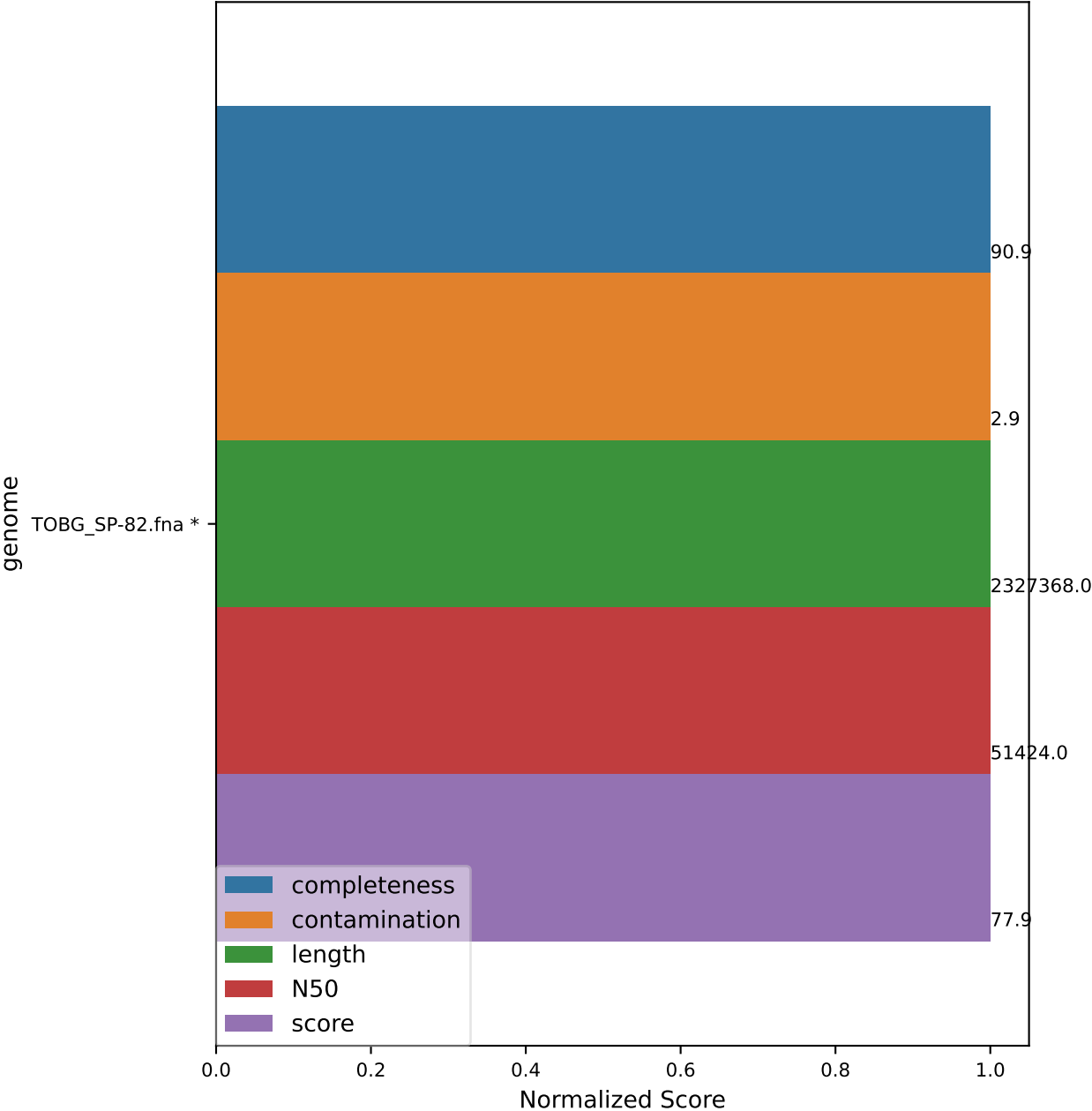
Scoring of cluster 689\_0

genome

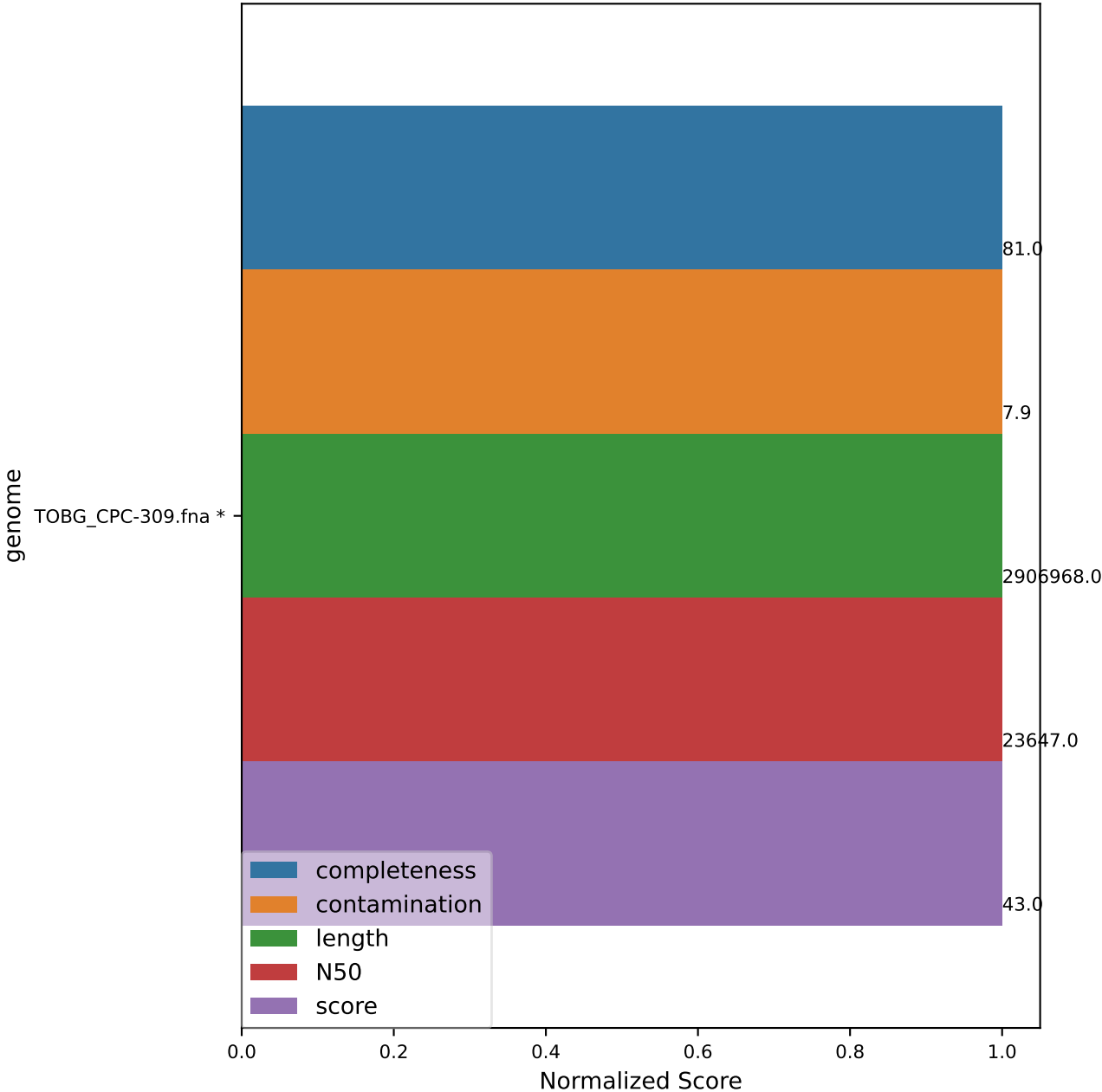
TOBG\_NAT-205.fna \*



Scoring of cluster 690\_0



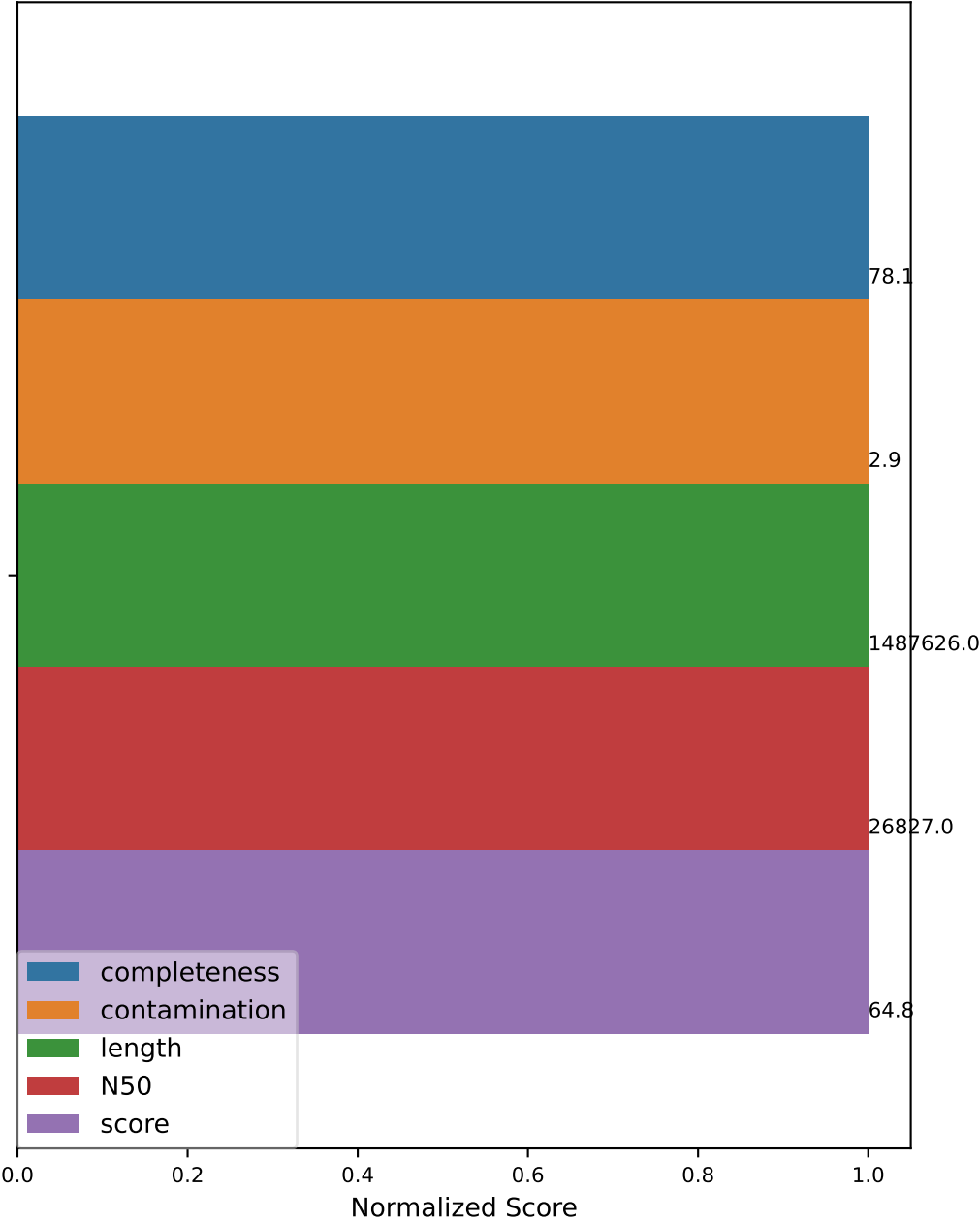
Scoring of cluster 691\_0



Scoring of cluster 692\_0

genome

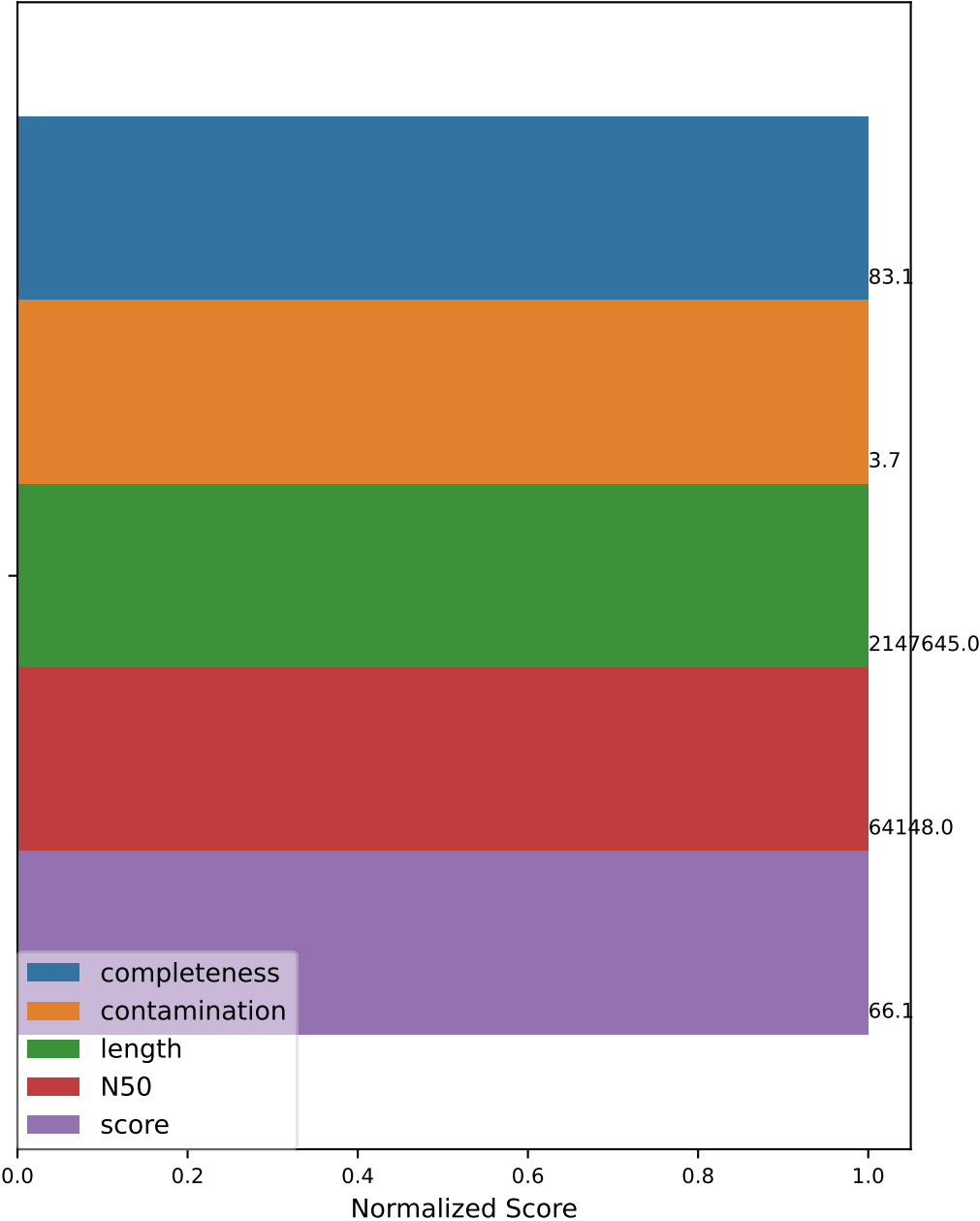
TOBG\_NAT-231.fna \*



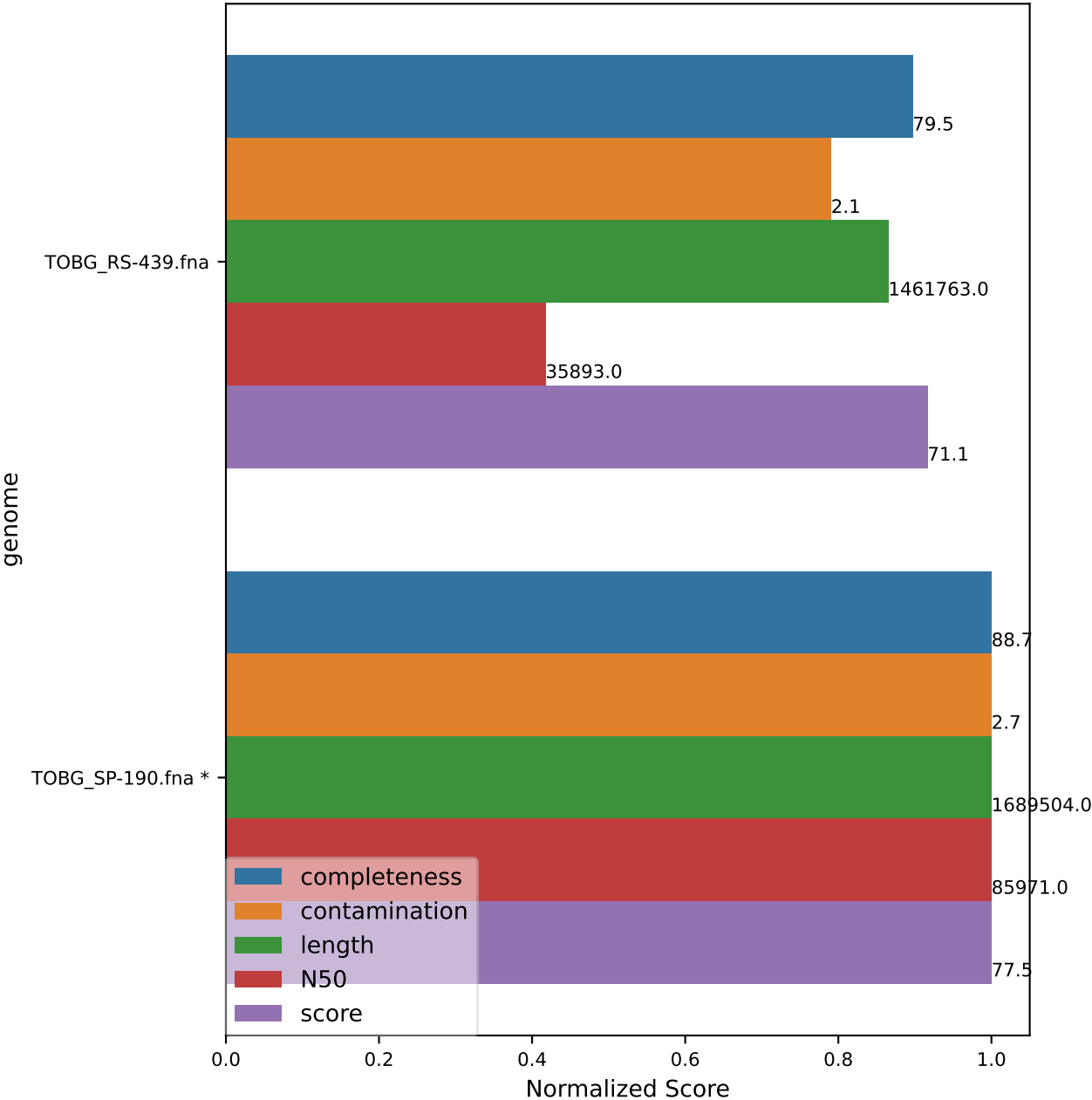
Scoring of cluster 693\_0

genome

TOBG\_SP-283.fna \*



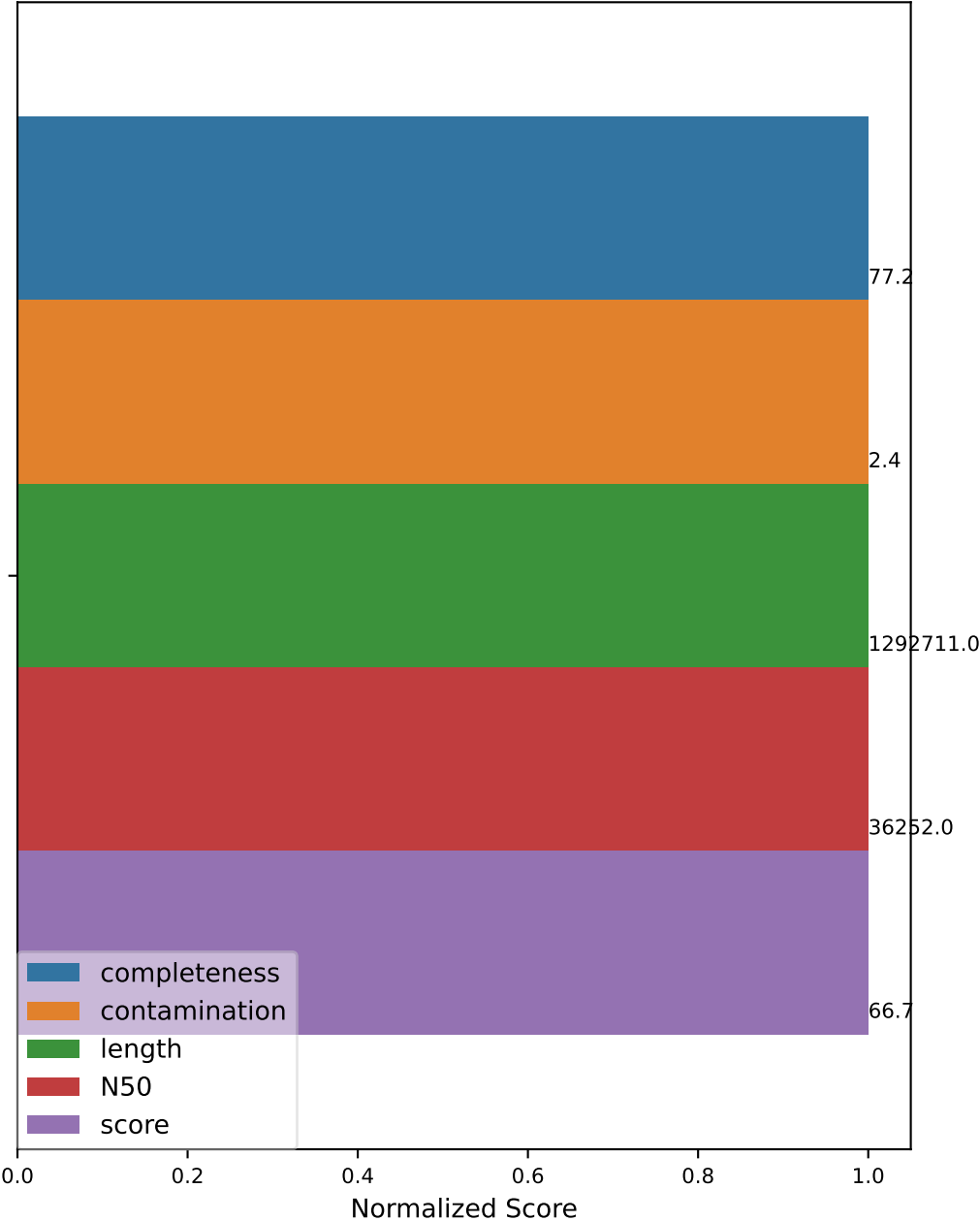
Scoring of cluster 694\_1



Scoring of cluster 694\_2

genome

TOBG\_MED-1247.fna \*

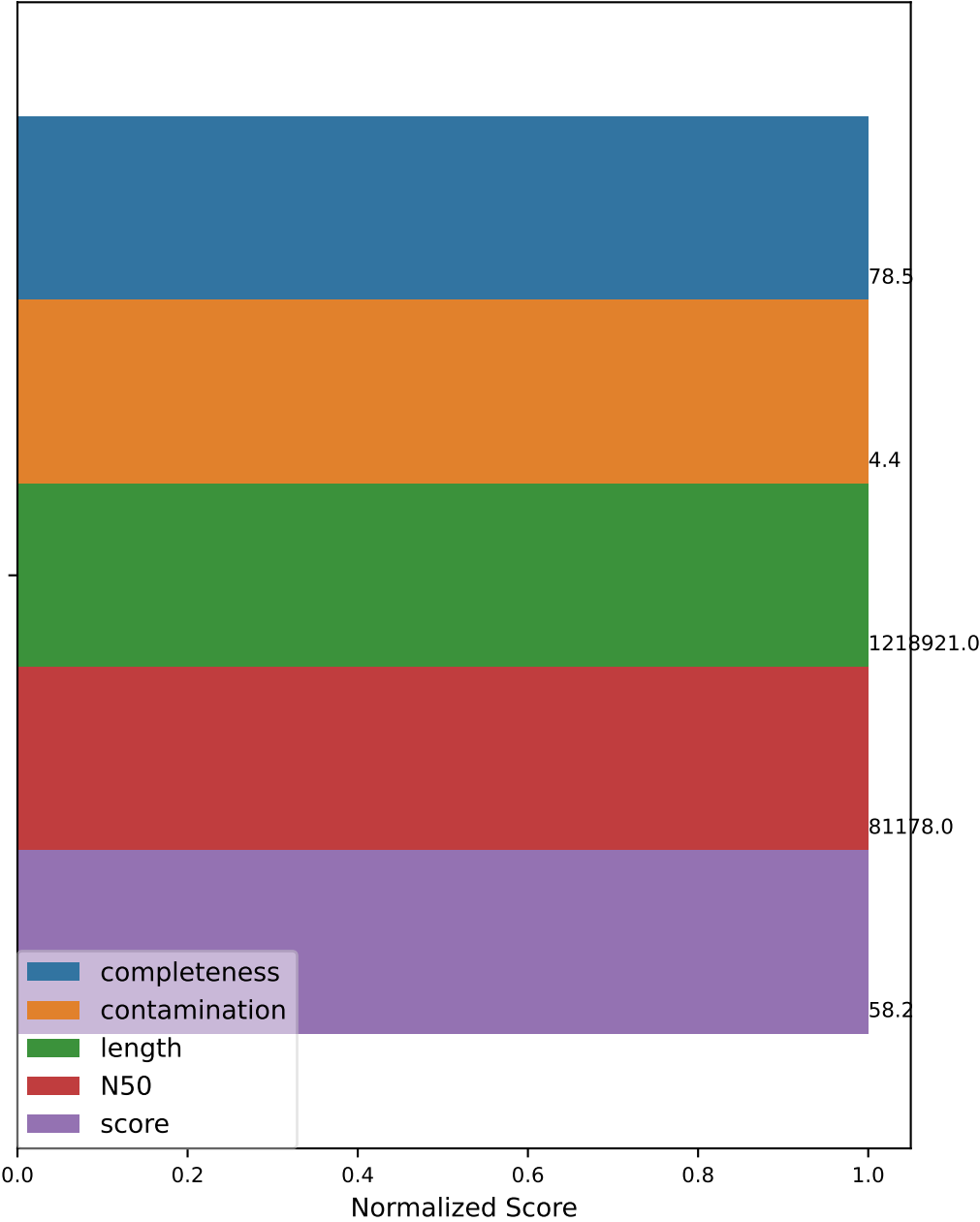




Scoring of cluster 695\_0

genome

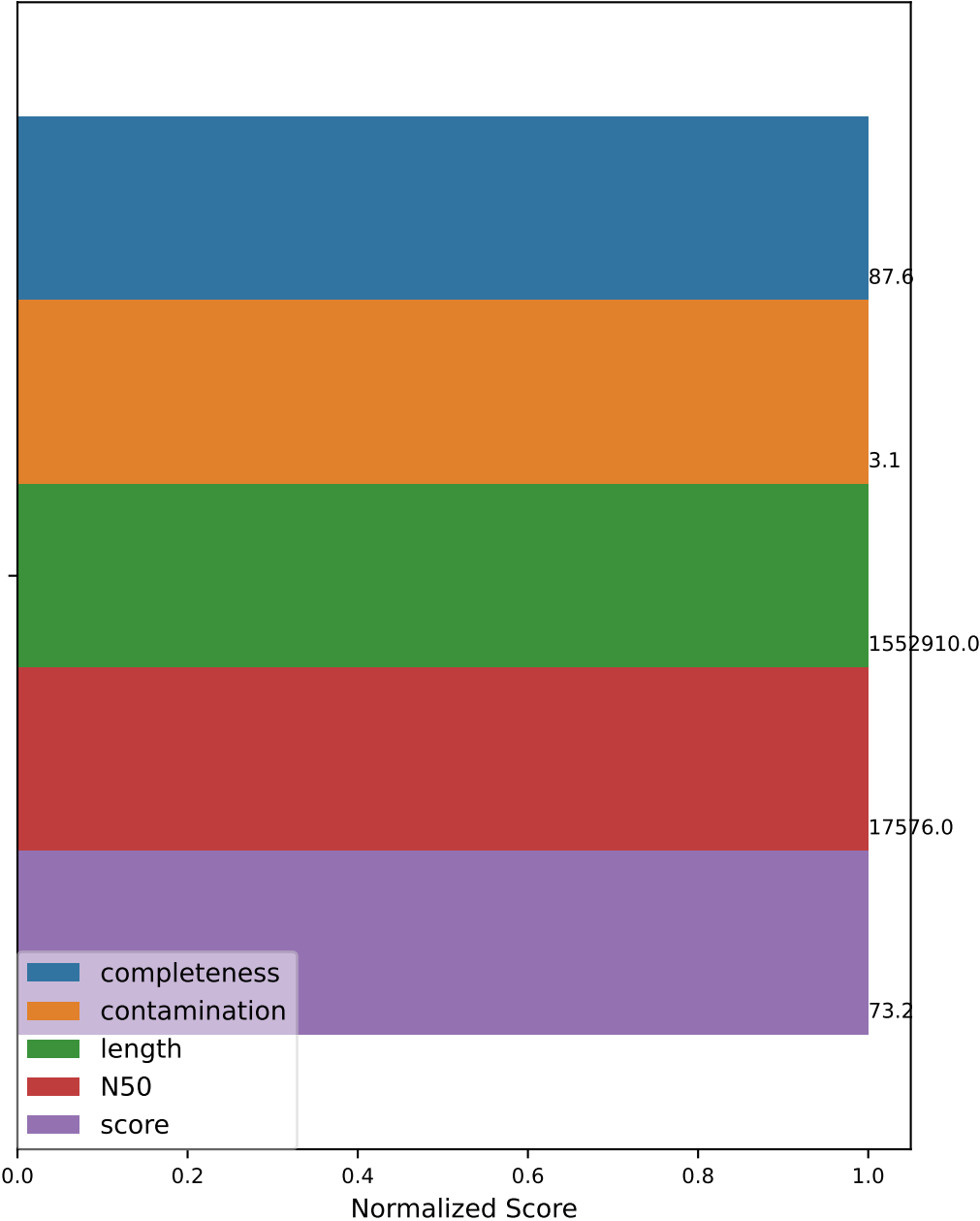
TOBG\_SAT-1342.fna \*



Scoring of cluster 696\_0

genome

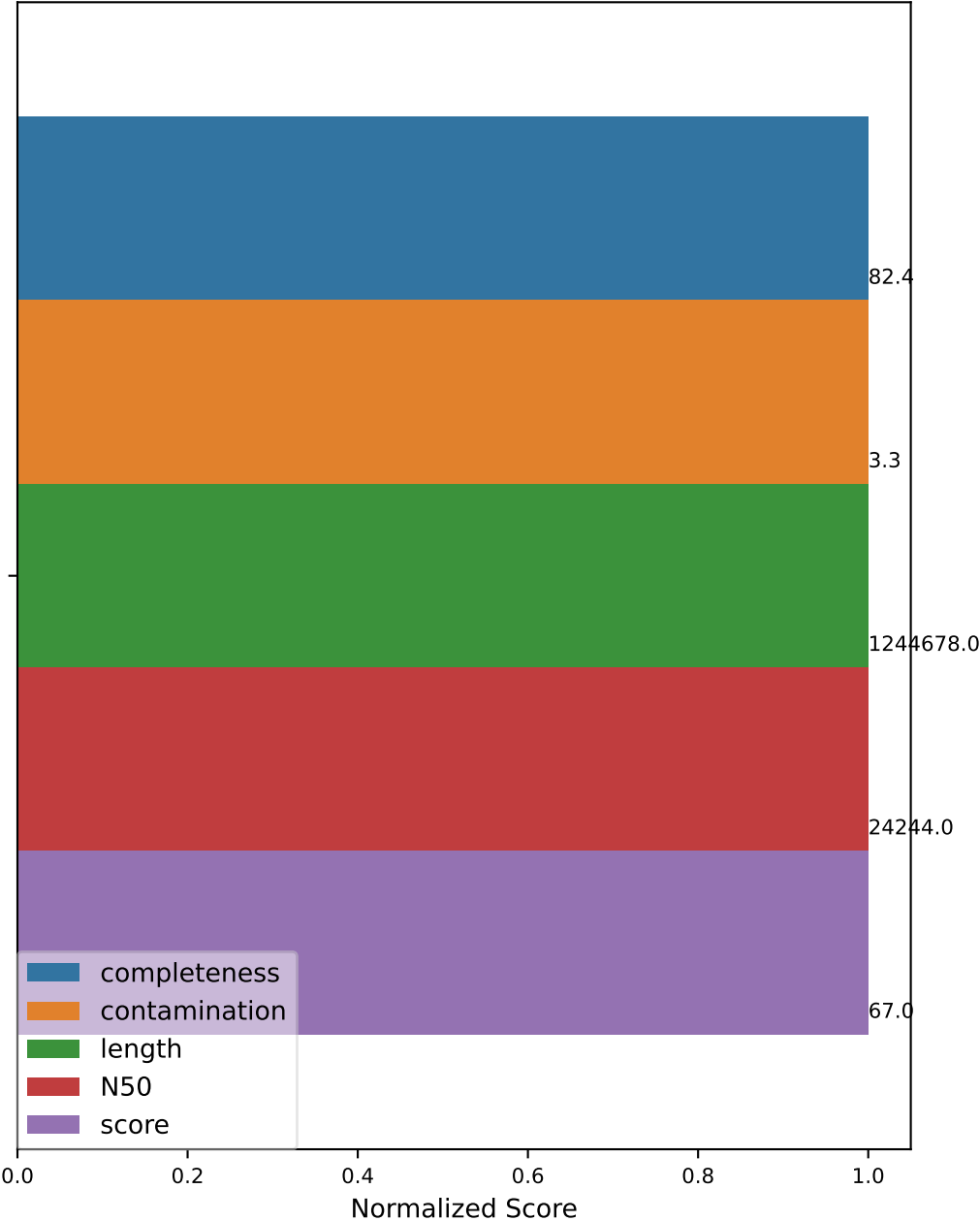
TOBG\_NP-104.fna \*



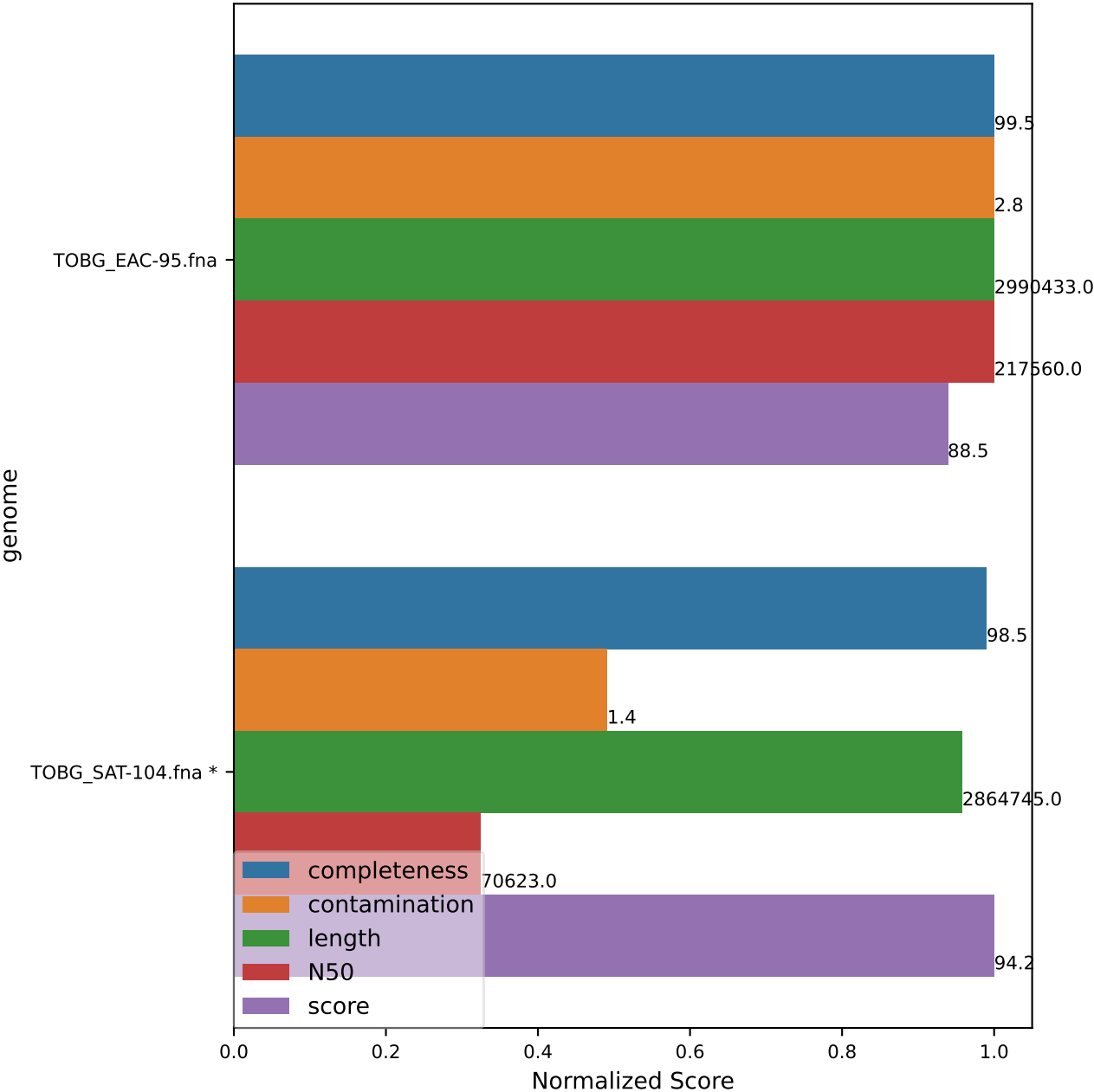
Scoring of cluster 697\_0

genome

TOBG\_RS-352.fna \*



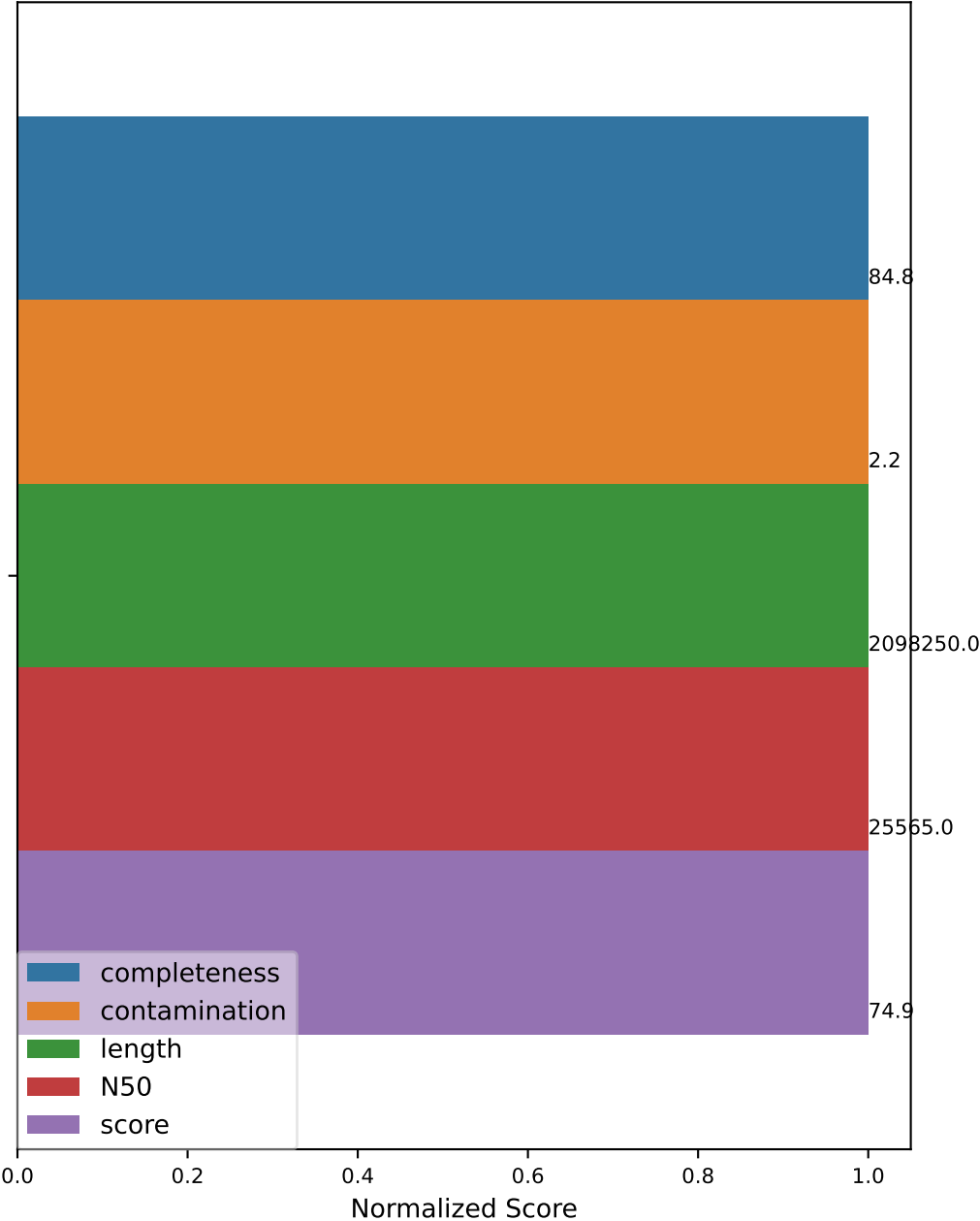
Scoring of cluster 698\_1



Scoring of cluster 699\_1

genome

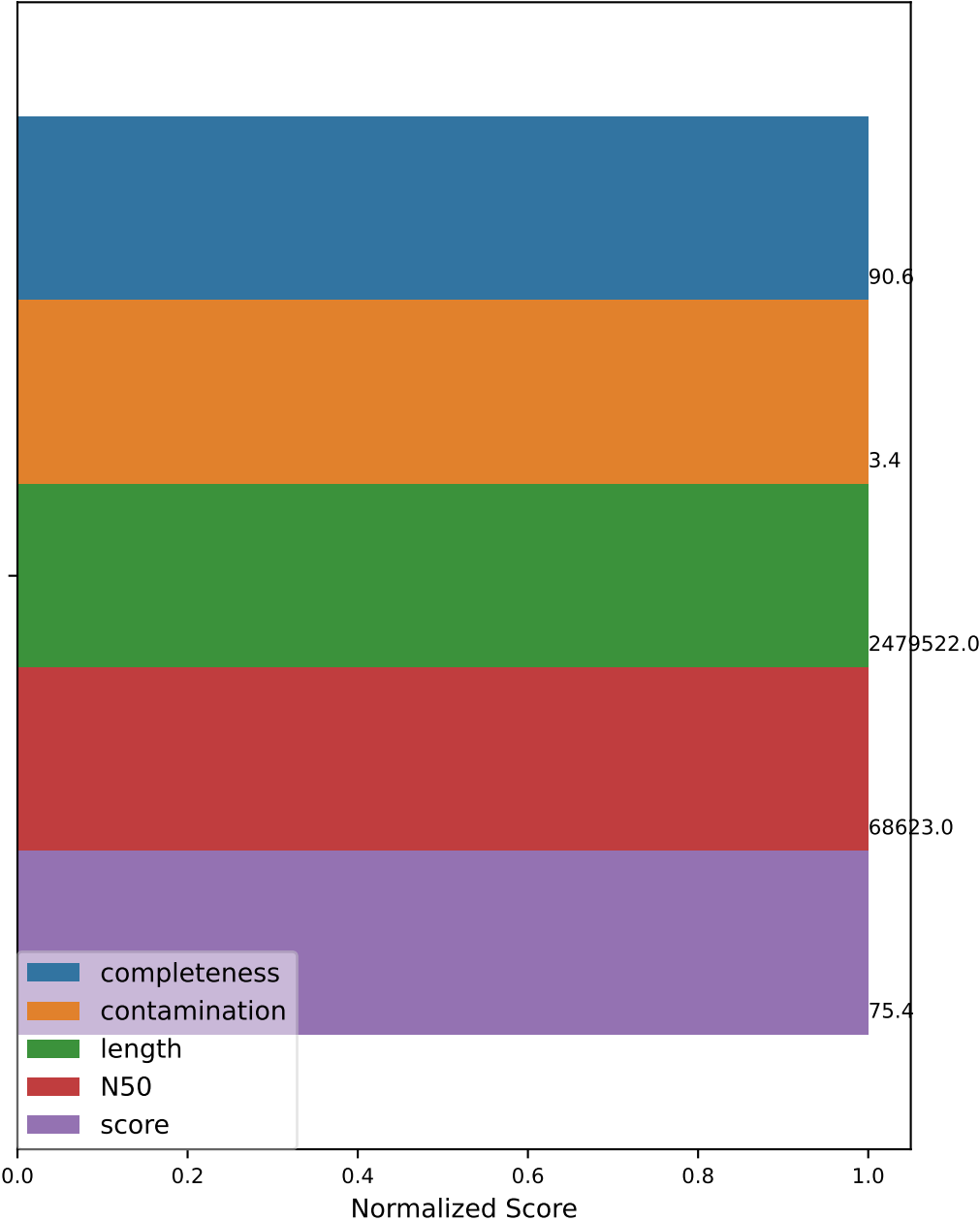
TOBG\_MED-603.fna \*



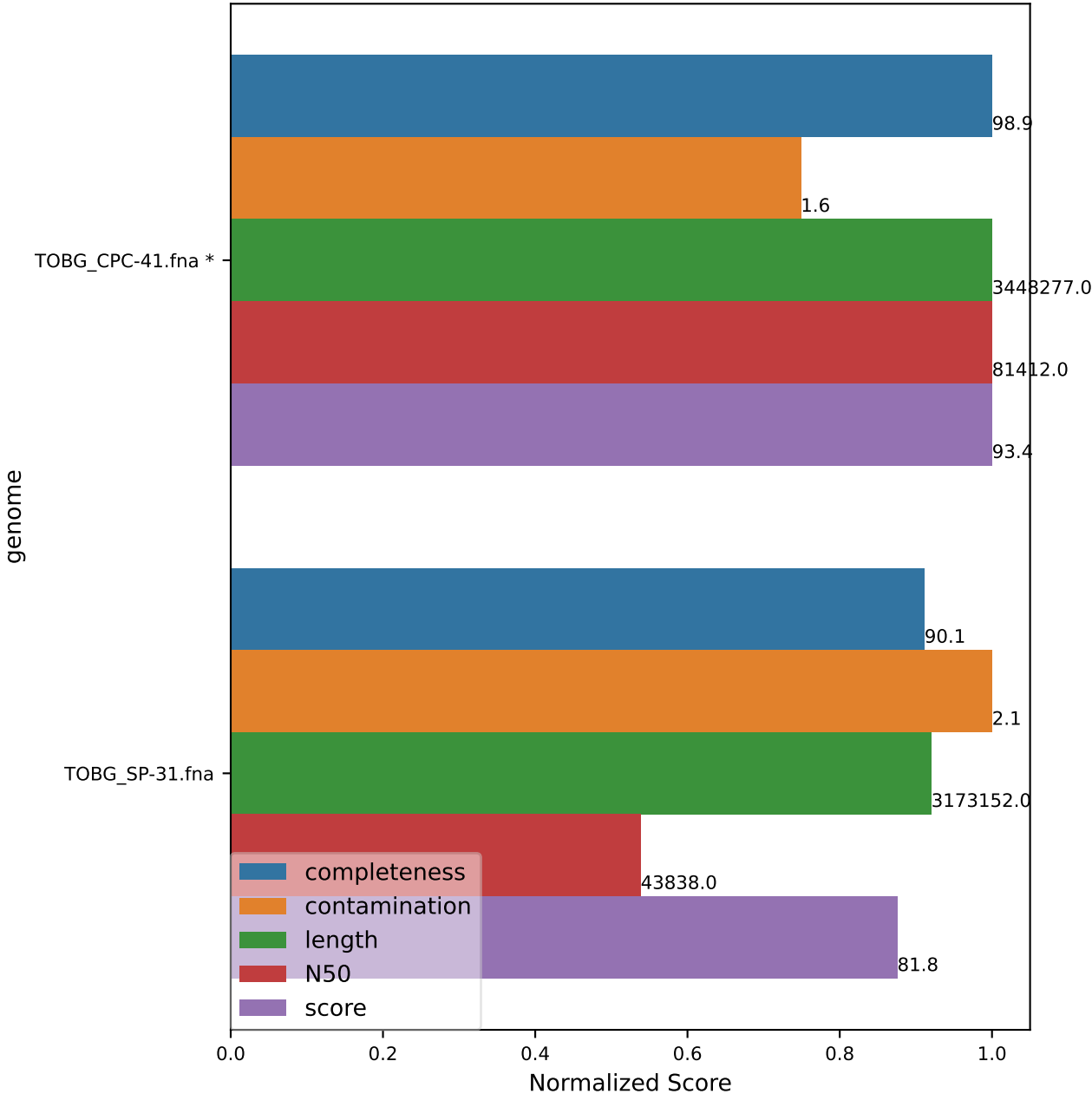
Scoring of cluster 699\_2

genome

TOBG\_MED-604.fna \*



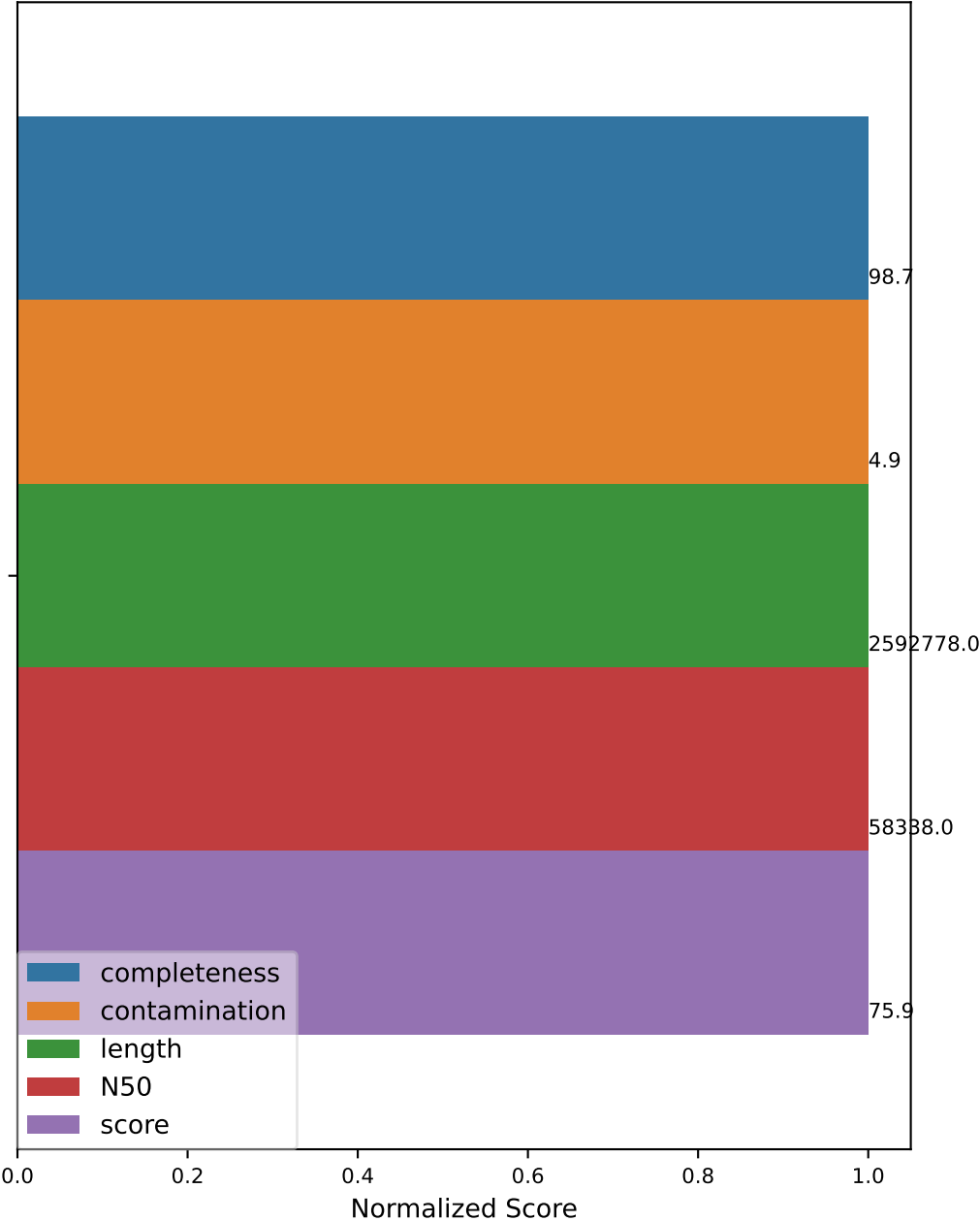
Scoring of cluster 700\_1



Scoring of cluster 701\_0

genome

TOBG\_MED-734.fna \*

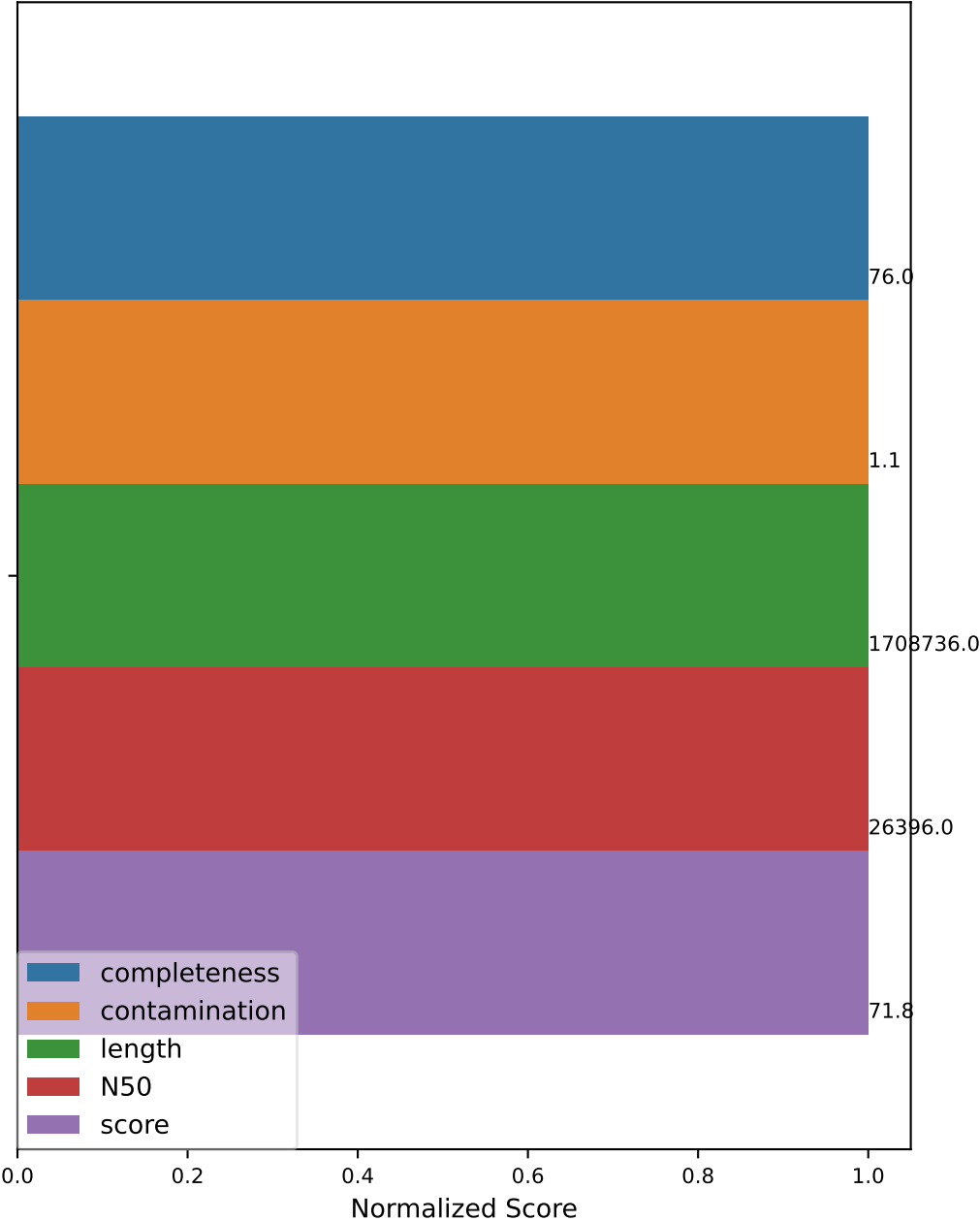




Scoring of cluster 702\_0

genome

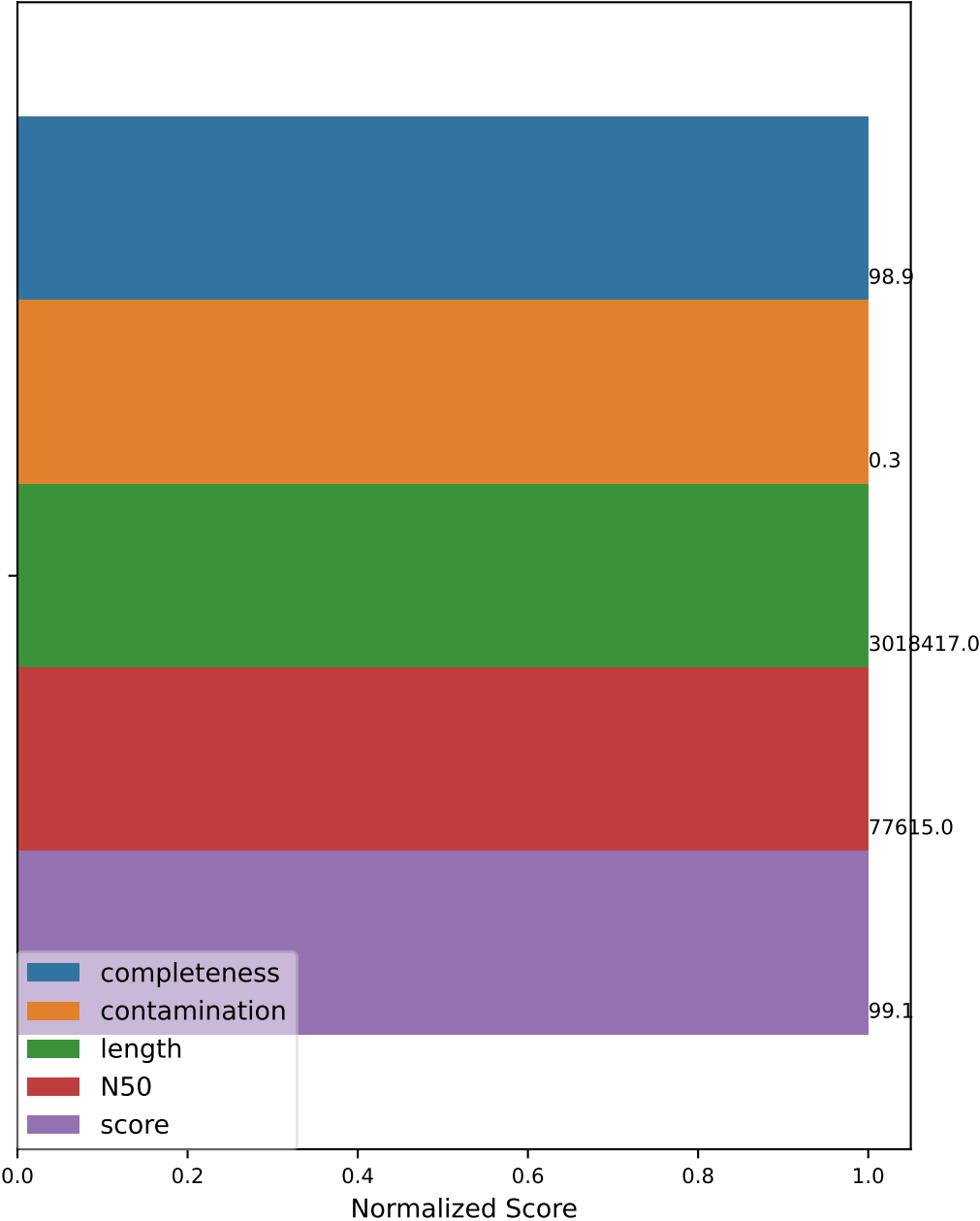
TOBG\_SAT-65.fna \*



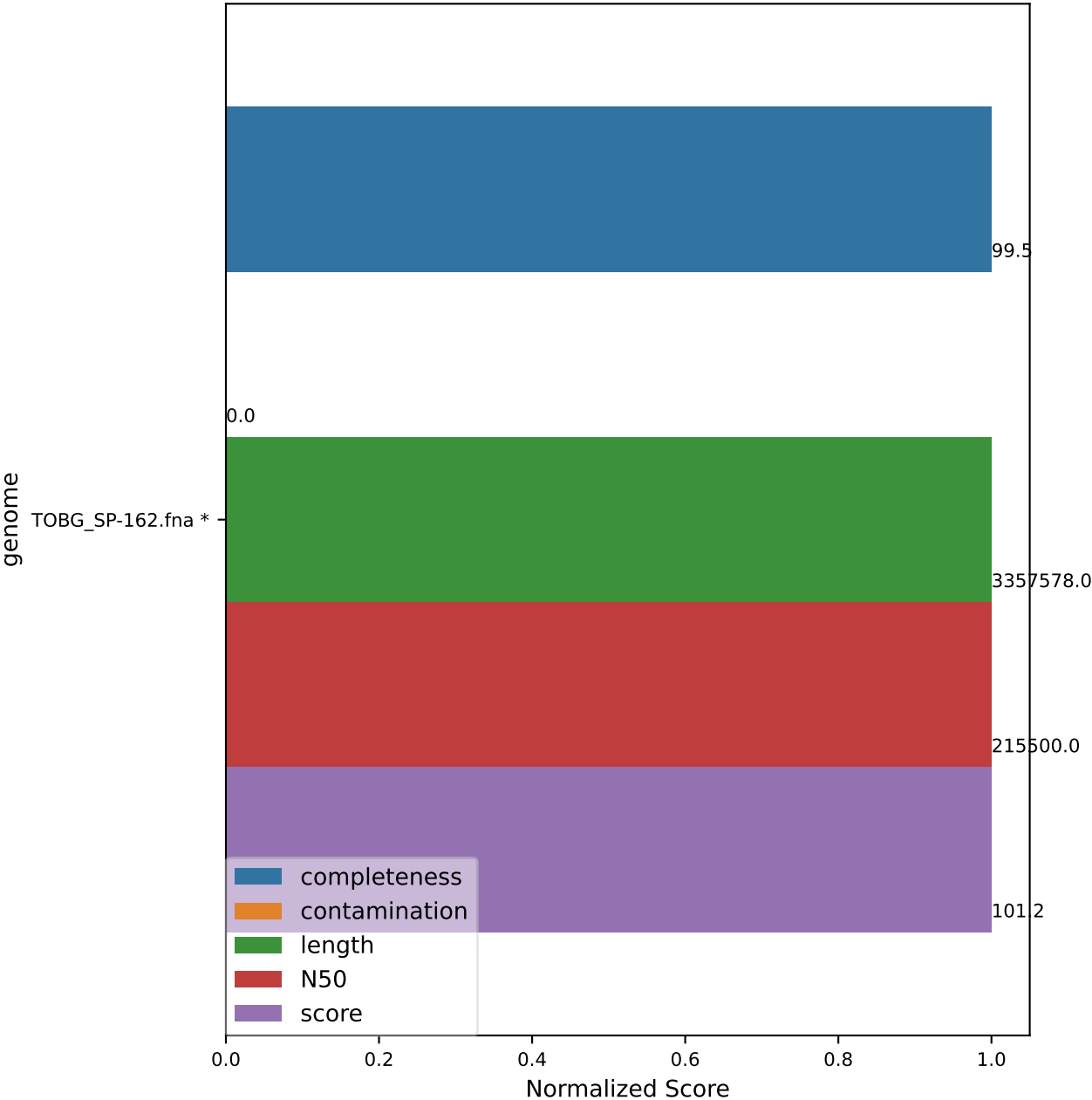
Scoring of cluster 703\_0

genome

TOBG\_SAT-43.fna \*



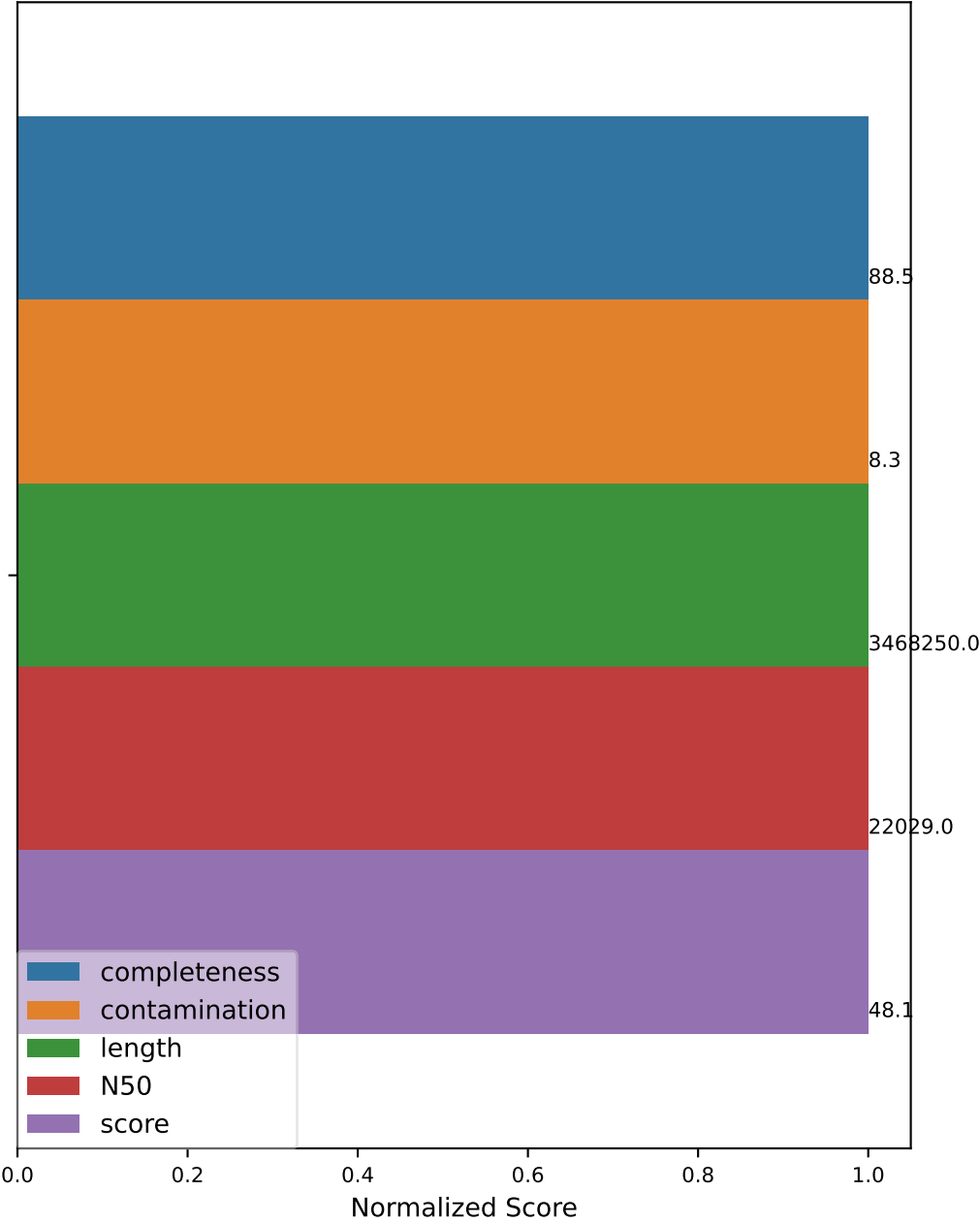
Scoring of cluster 704\_0



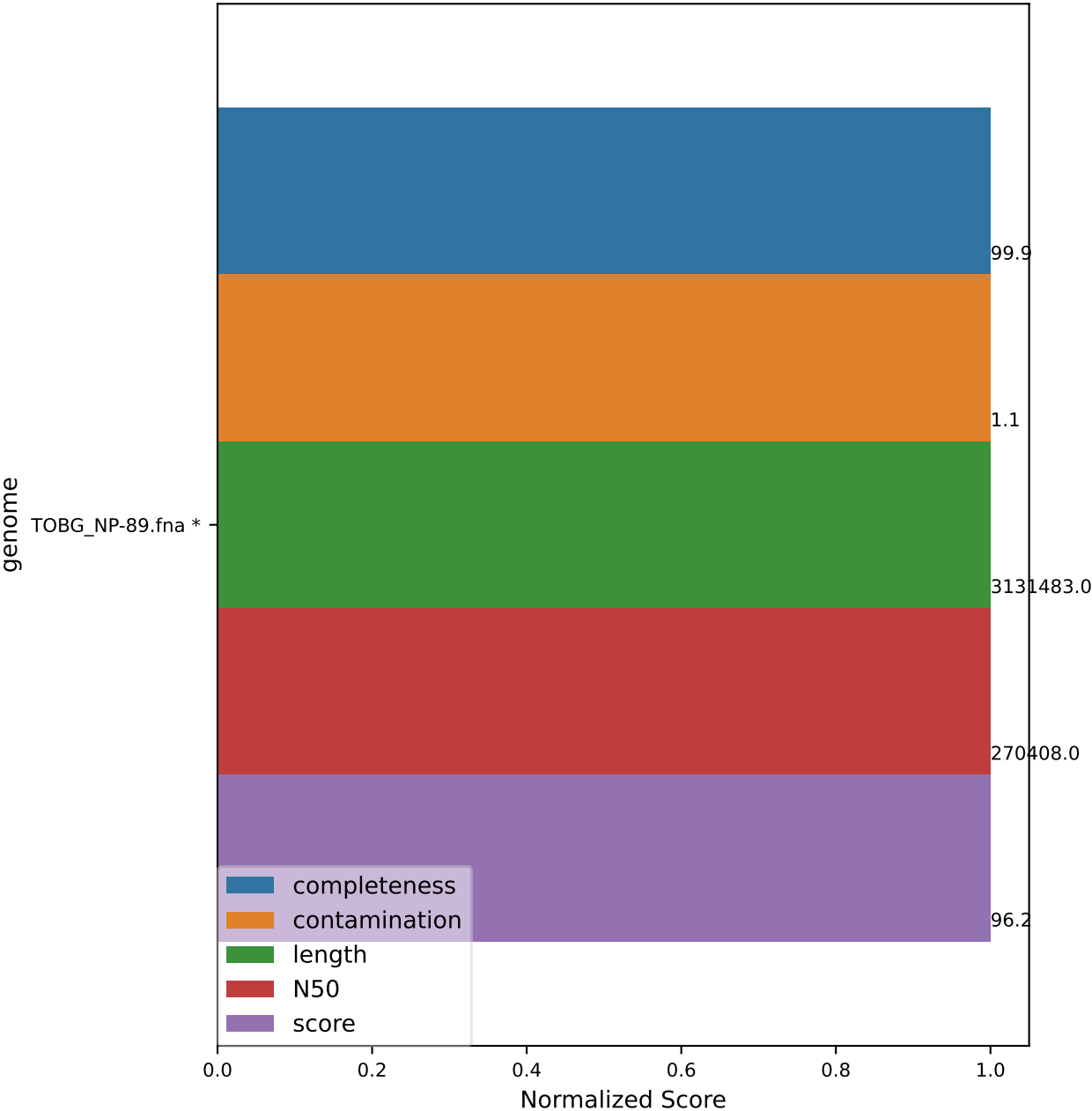
Scoring of cluster 705\_0

genome

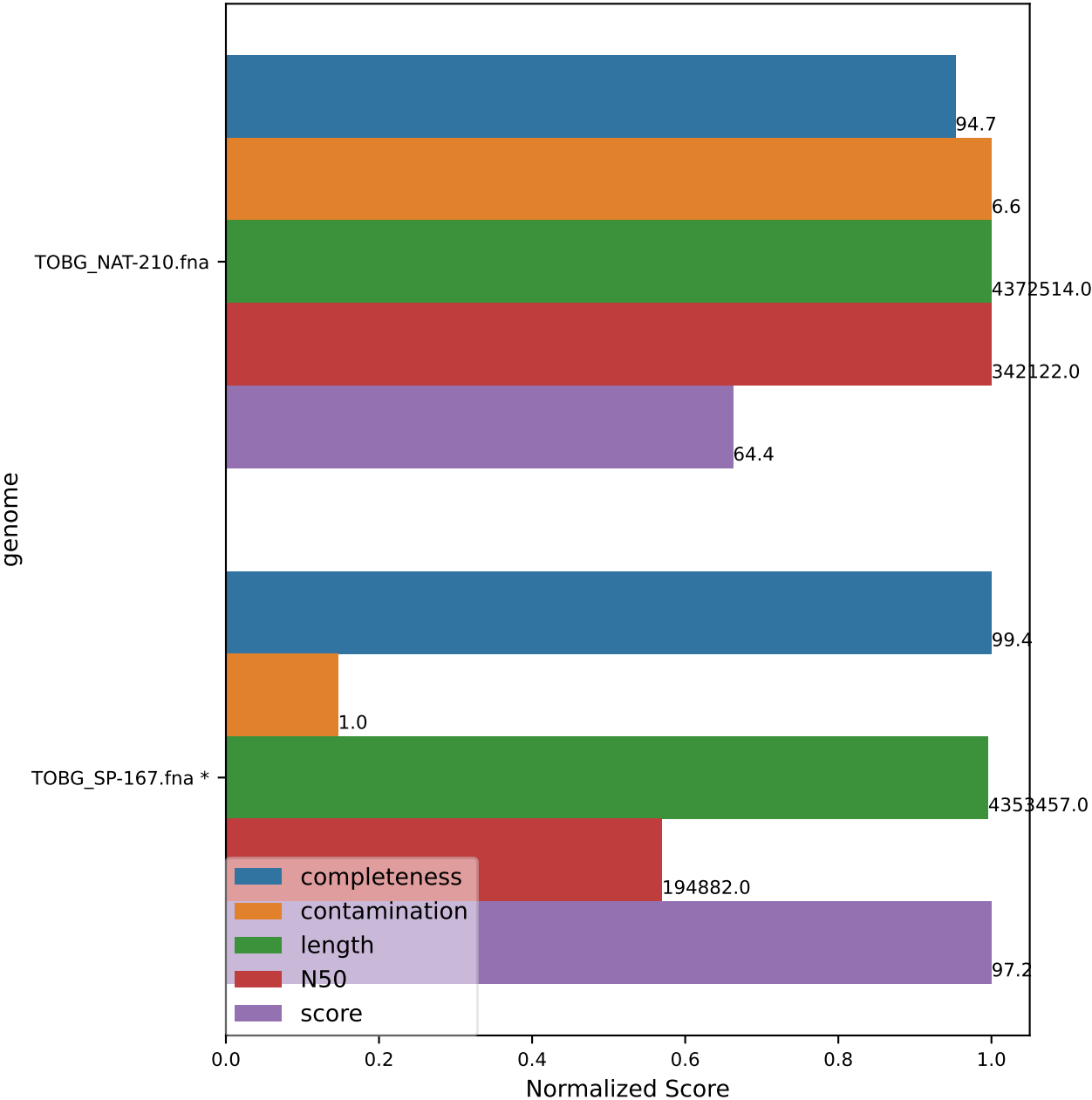
TOBG\_NAT-258.fna \*



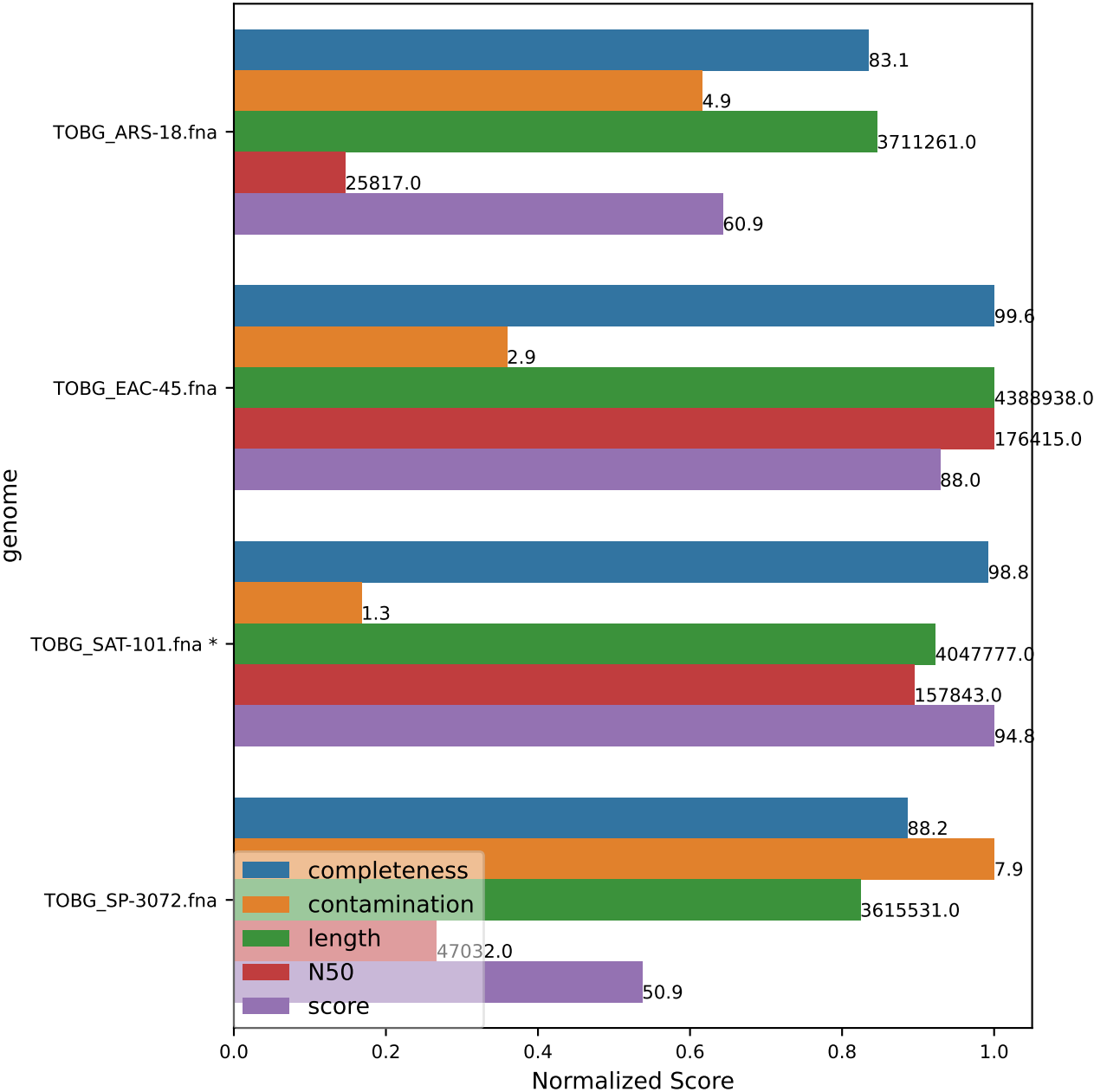
Scoring of cluster 706\_0



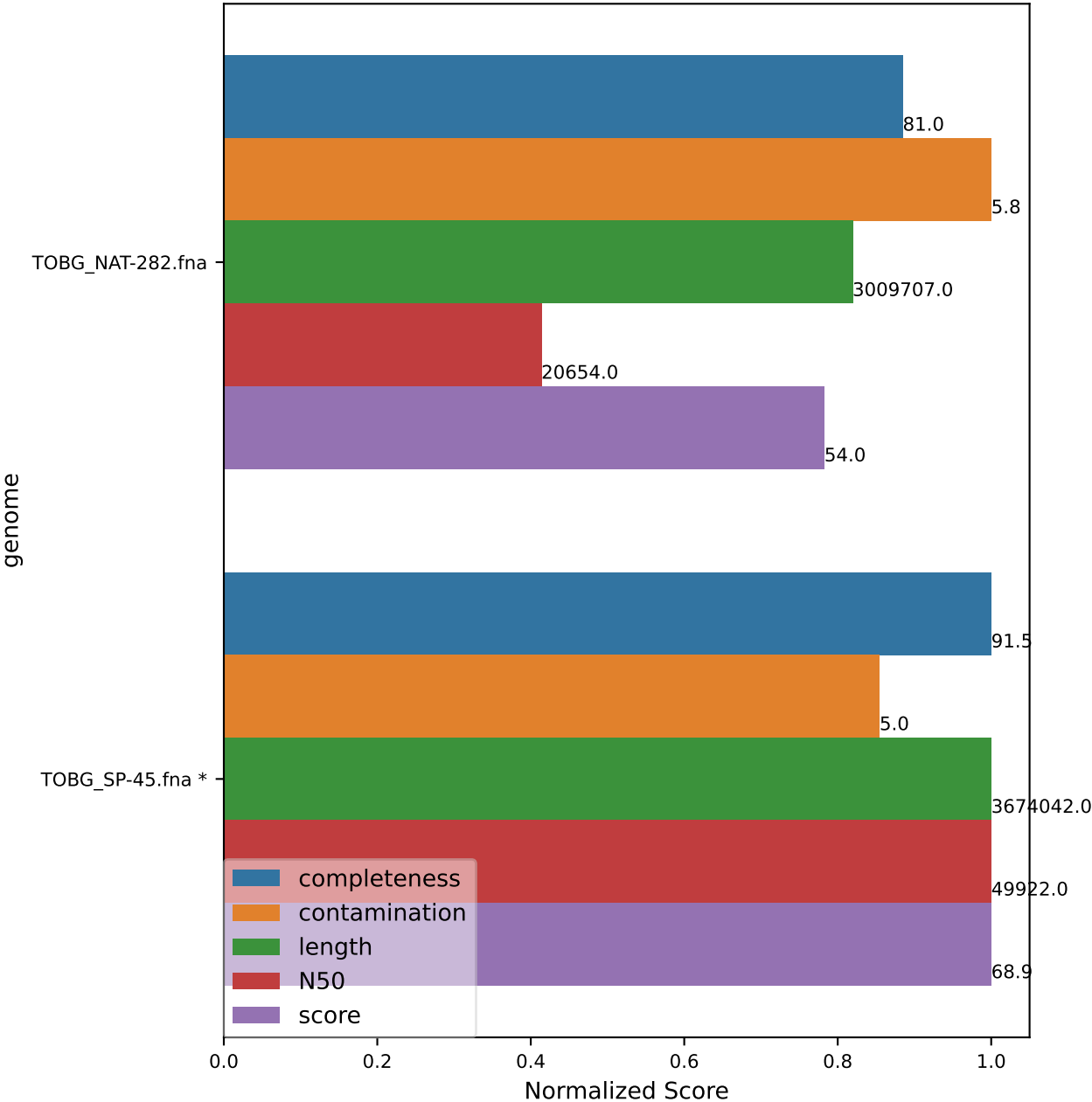
Scoring of cluster 707\_1



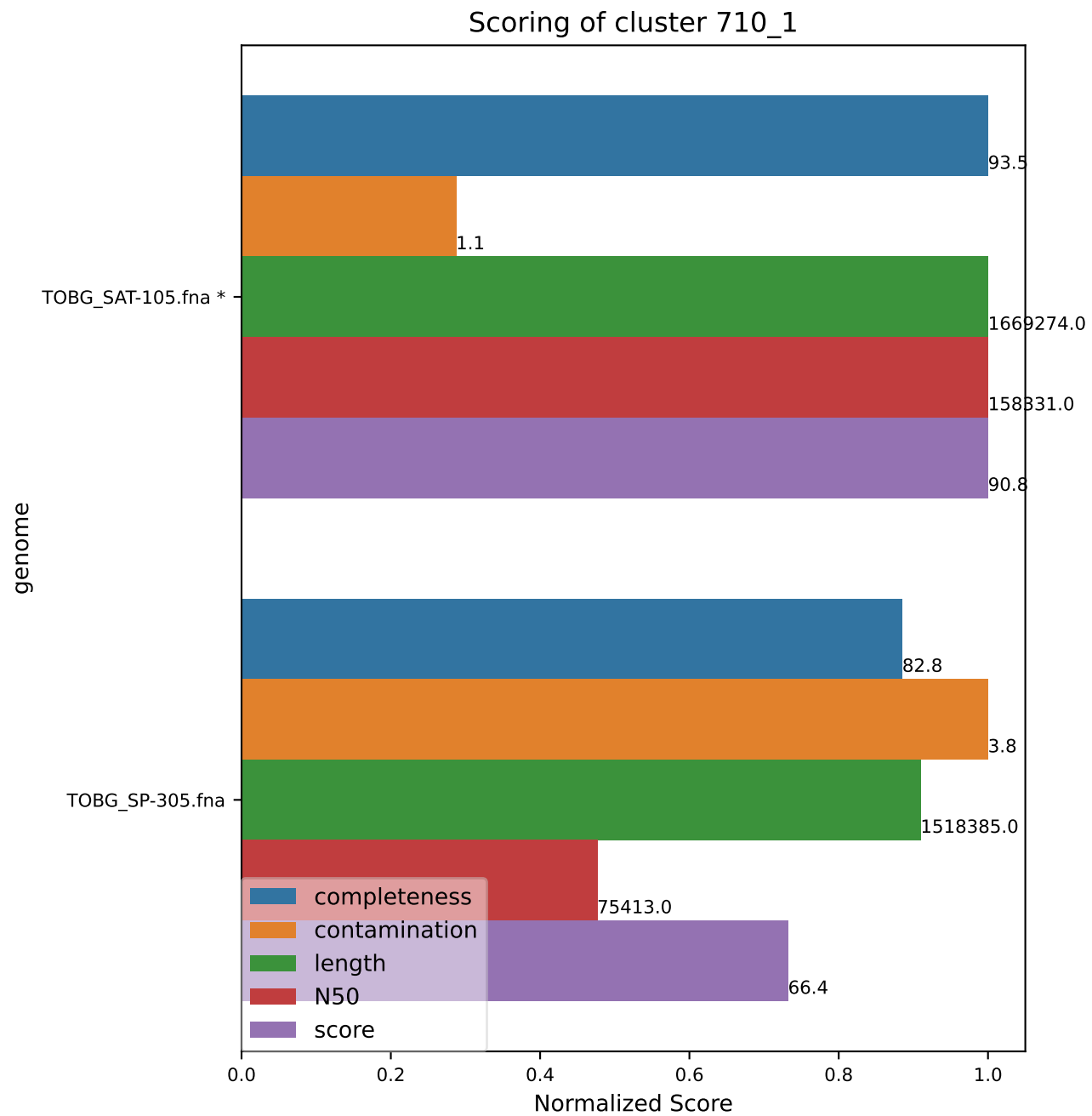
Scoring of cluster 708\_1



Scoring of cluster 709\_1



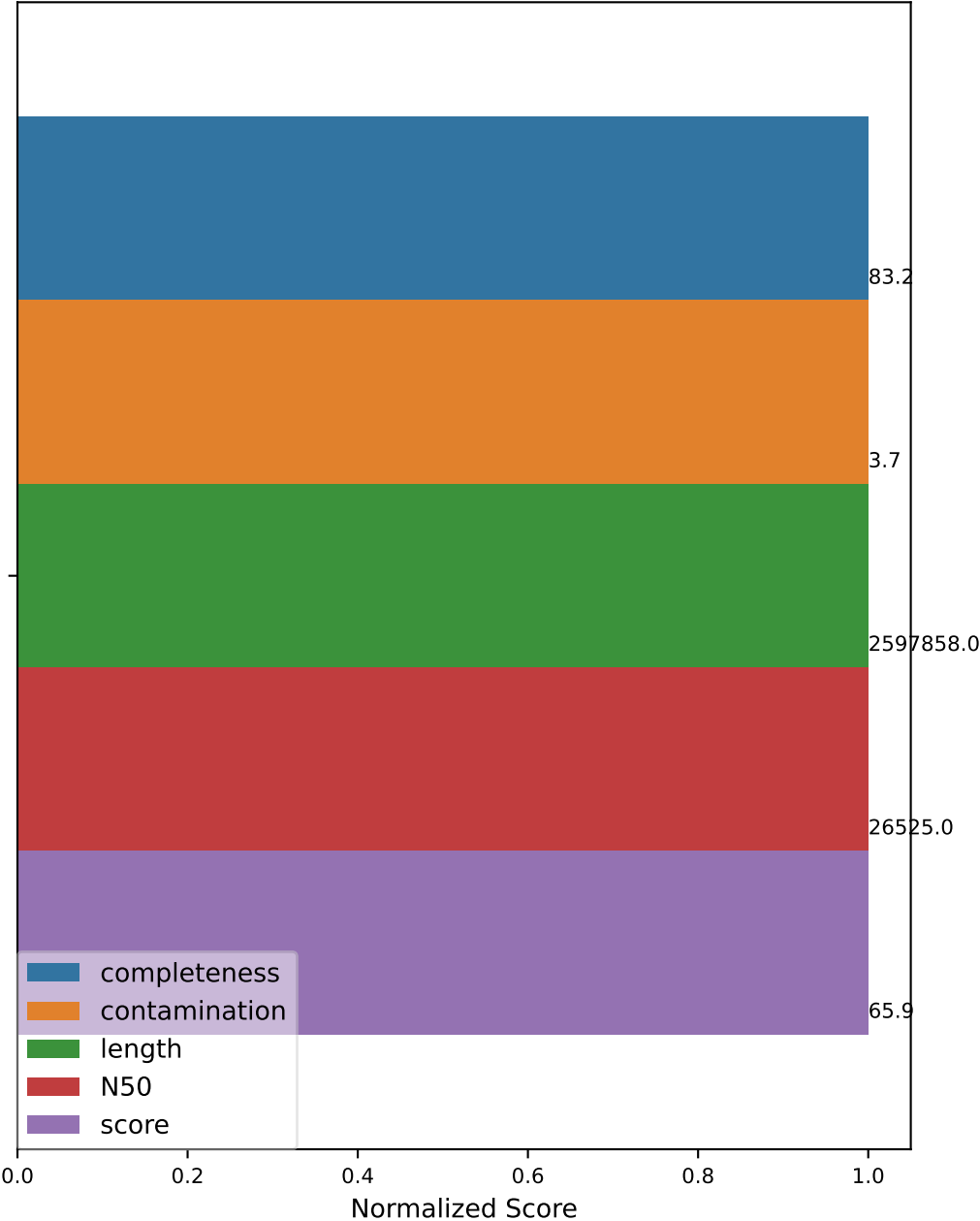




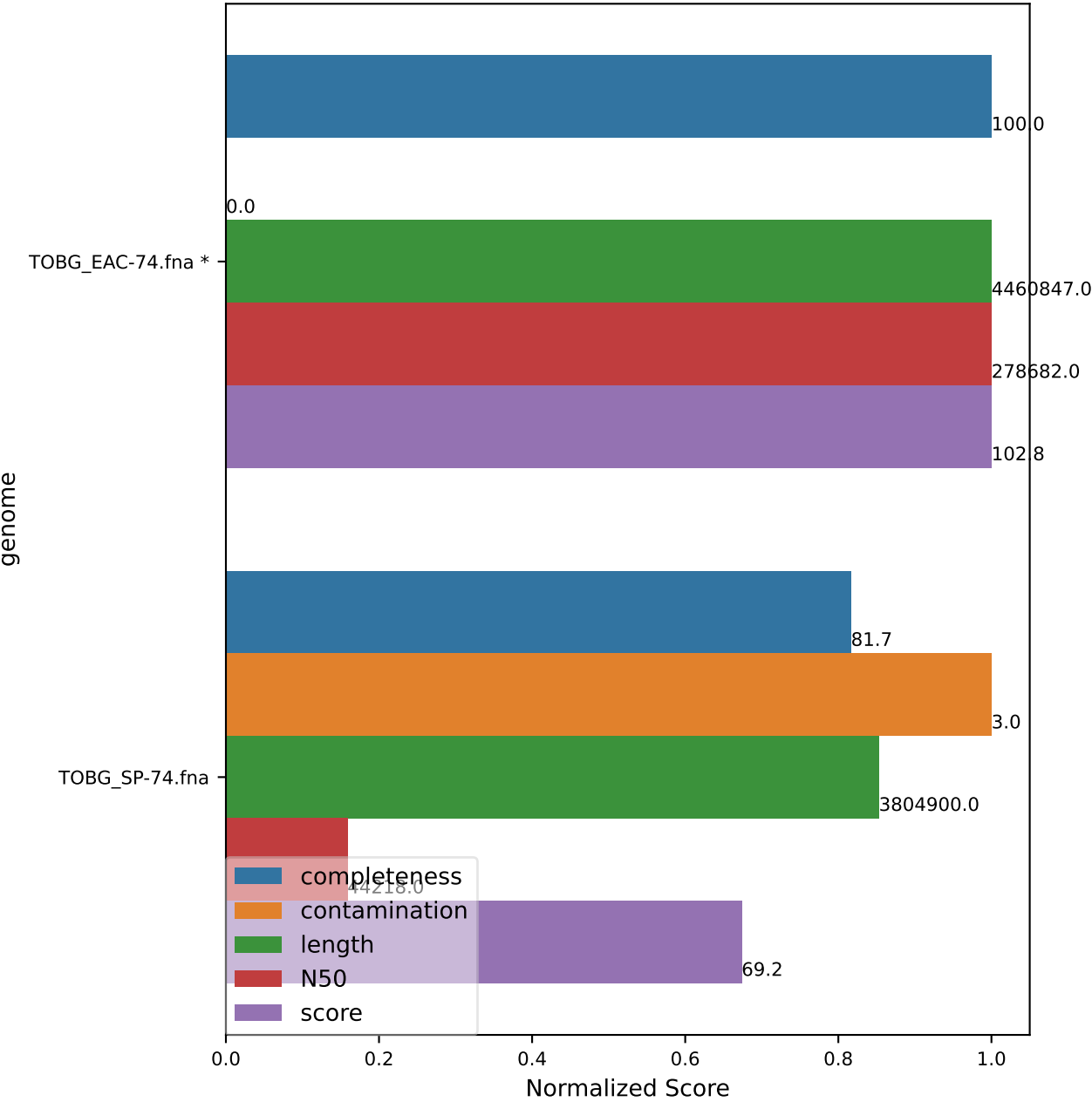
Scoring of cluster 711\_0

genome

TOBG\_MED-682.fna \*



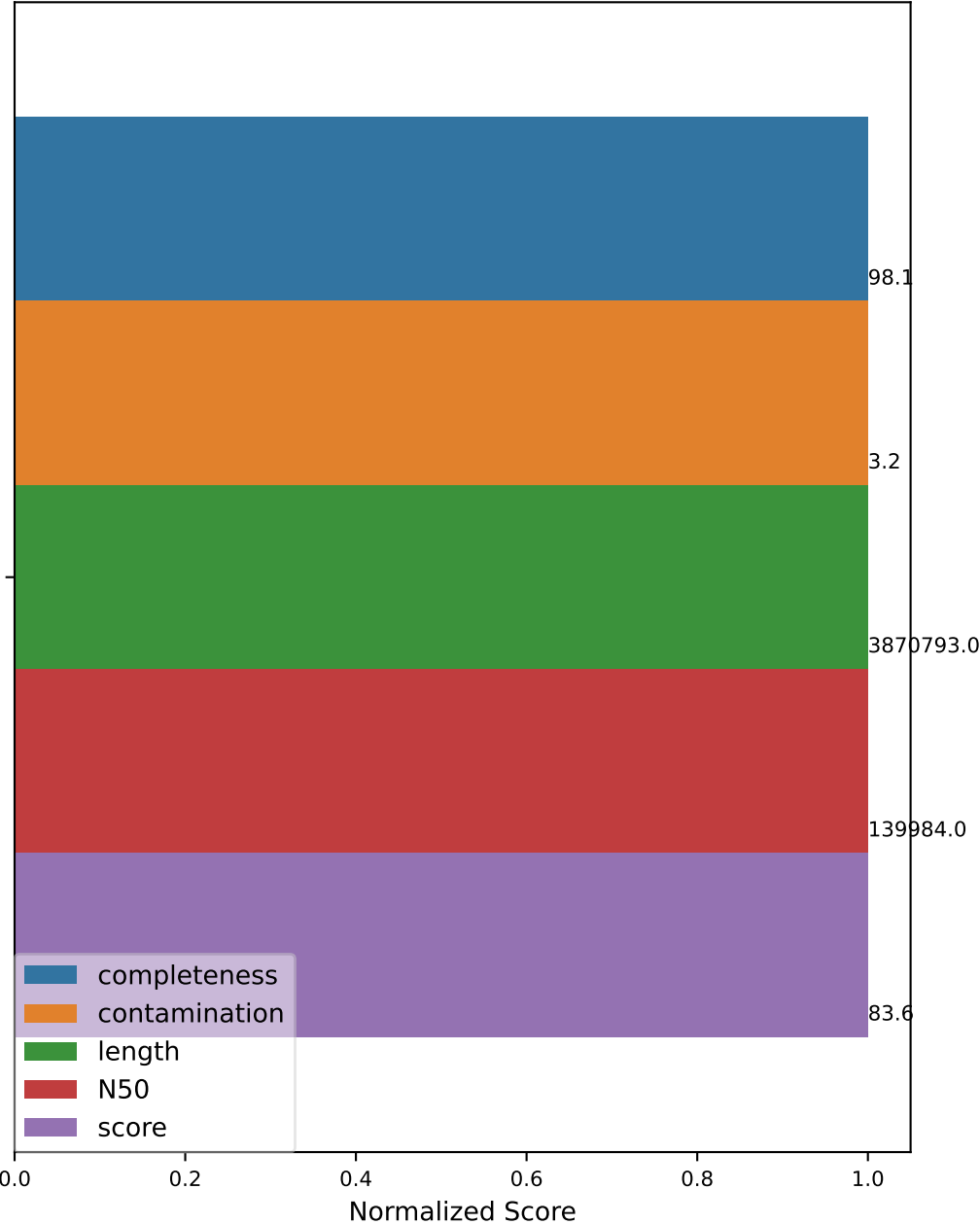
Scoring of cluster 712\_1



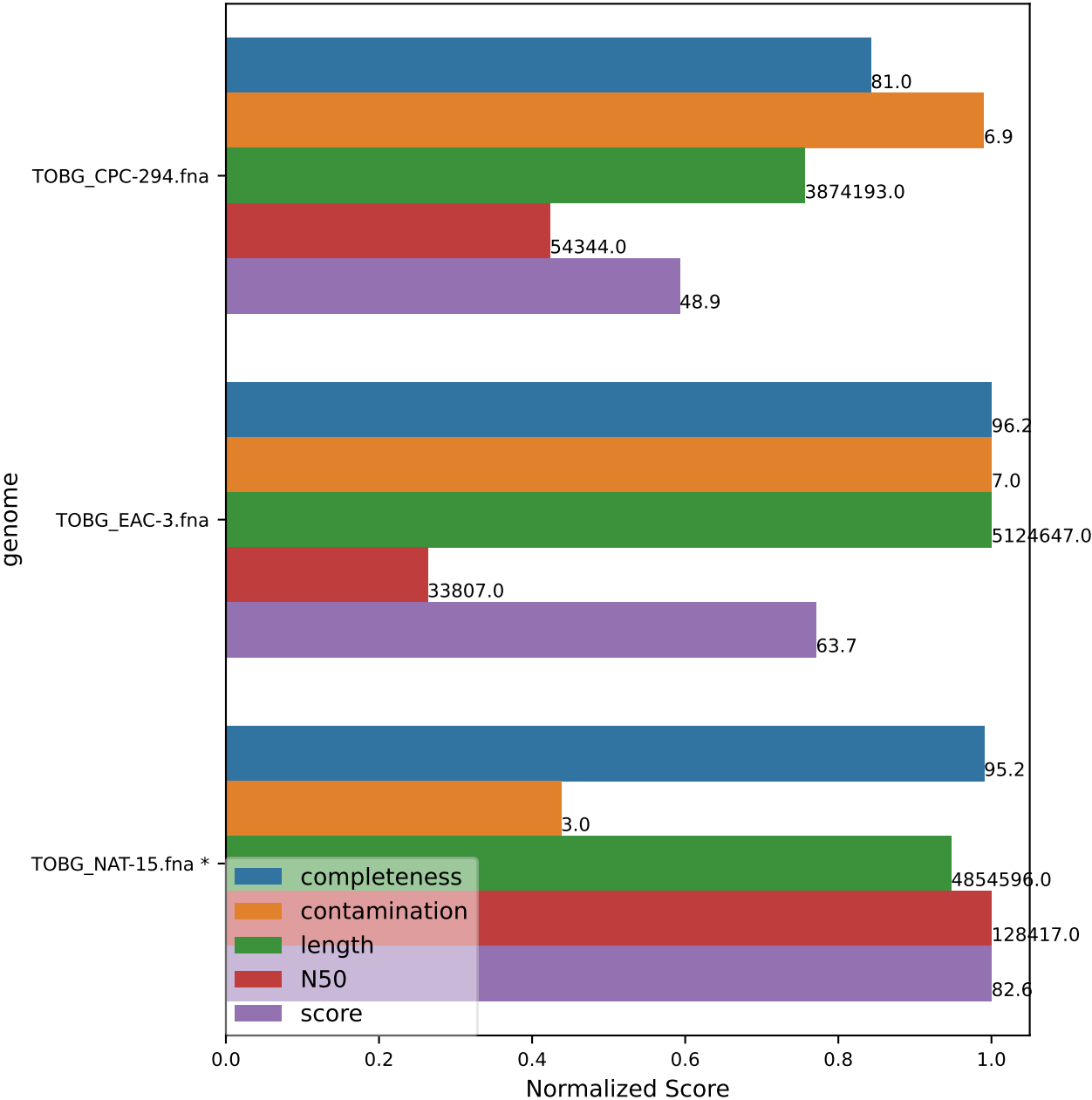
Scoring of cluster 713\_0

genome

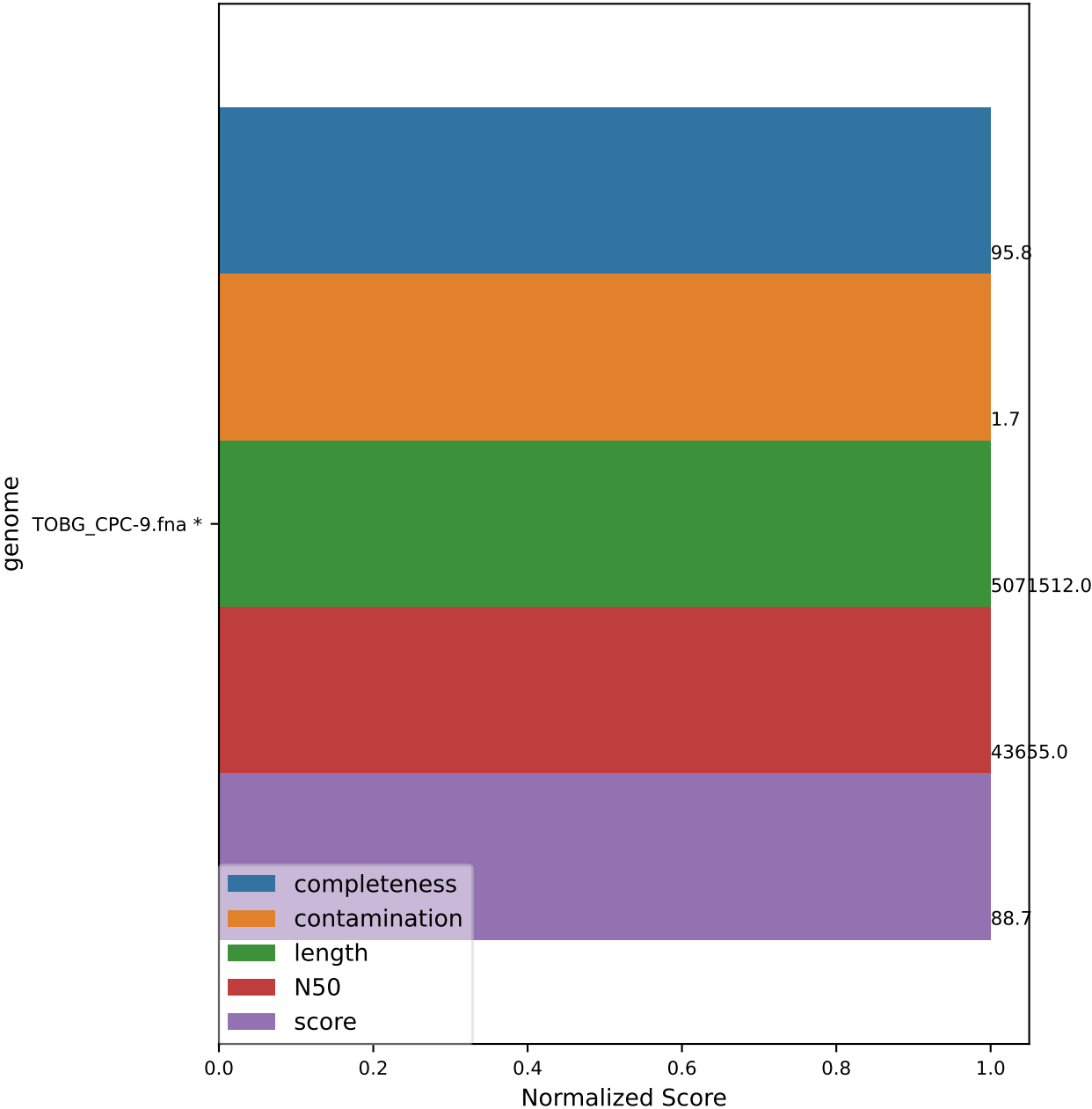
TOBG\_SP-104.fna \*



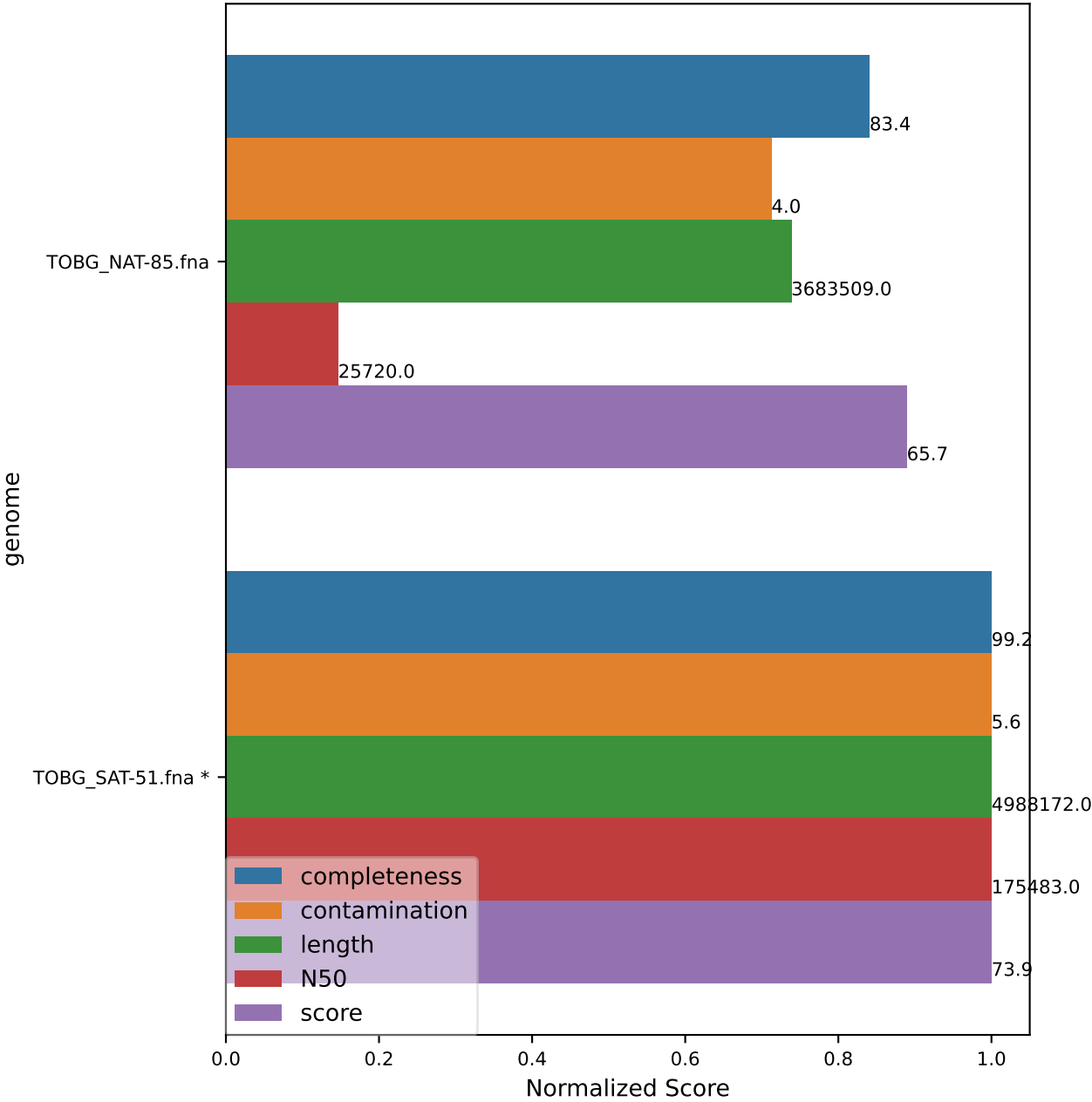
Scoring of cluster 714\_1

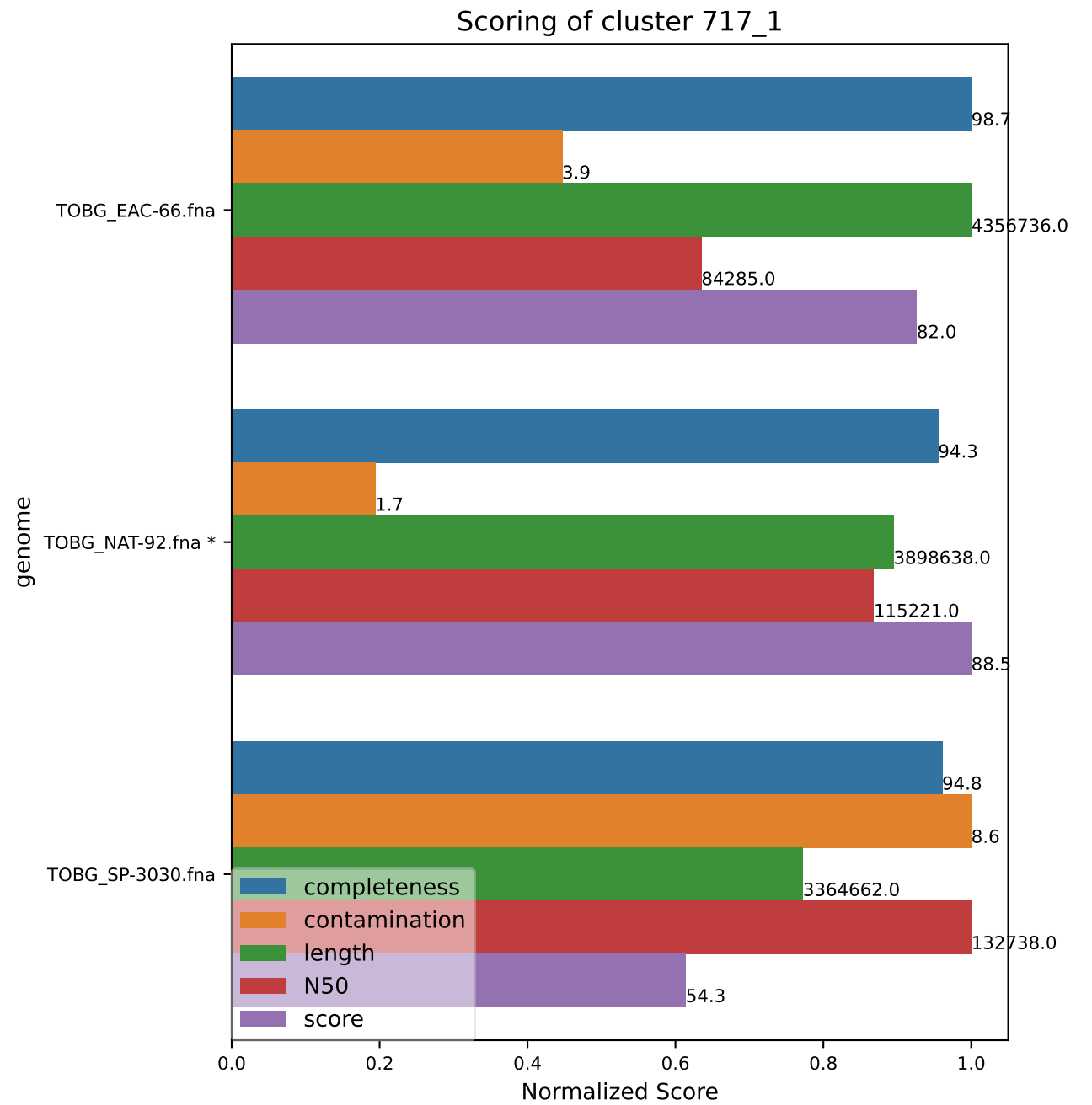


Scoring of cluster 715\_0



Scoring of cluster 716\_1



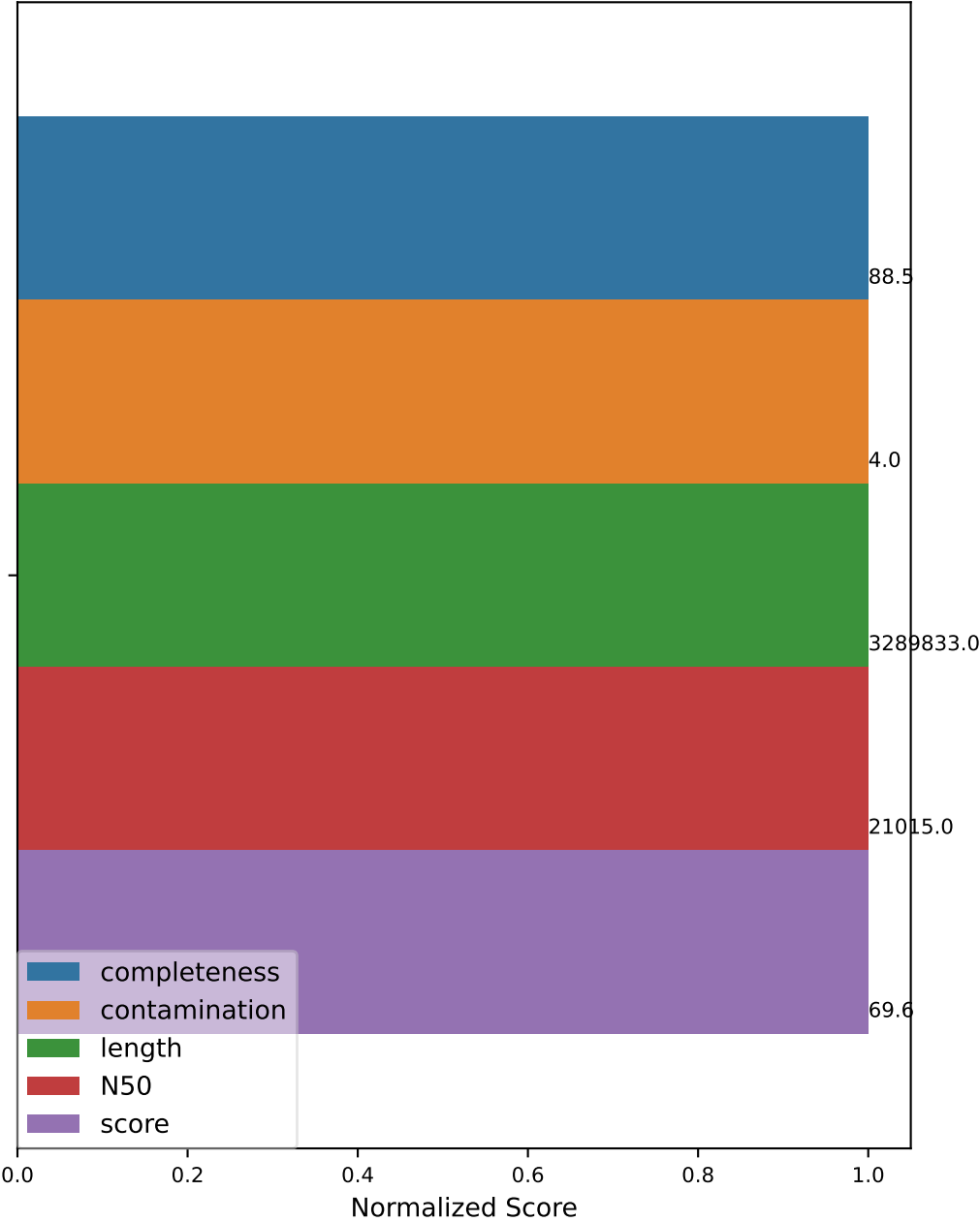




Scoring of cluster 718\_0

genome

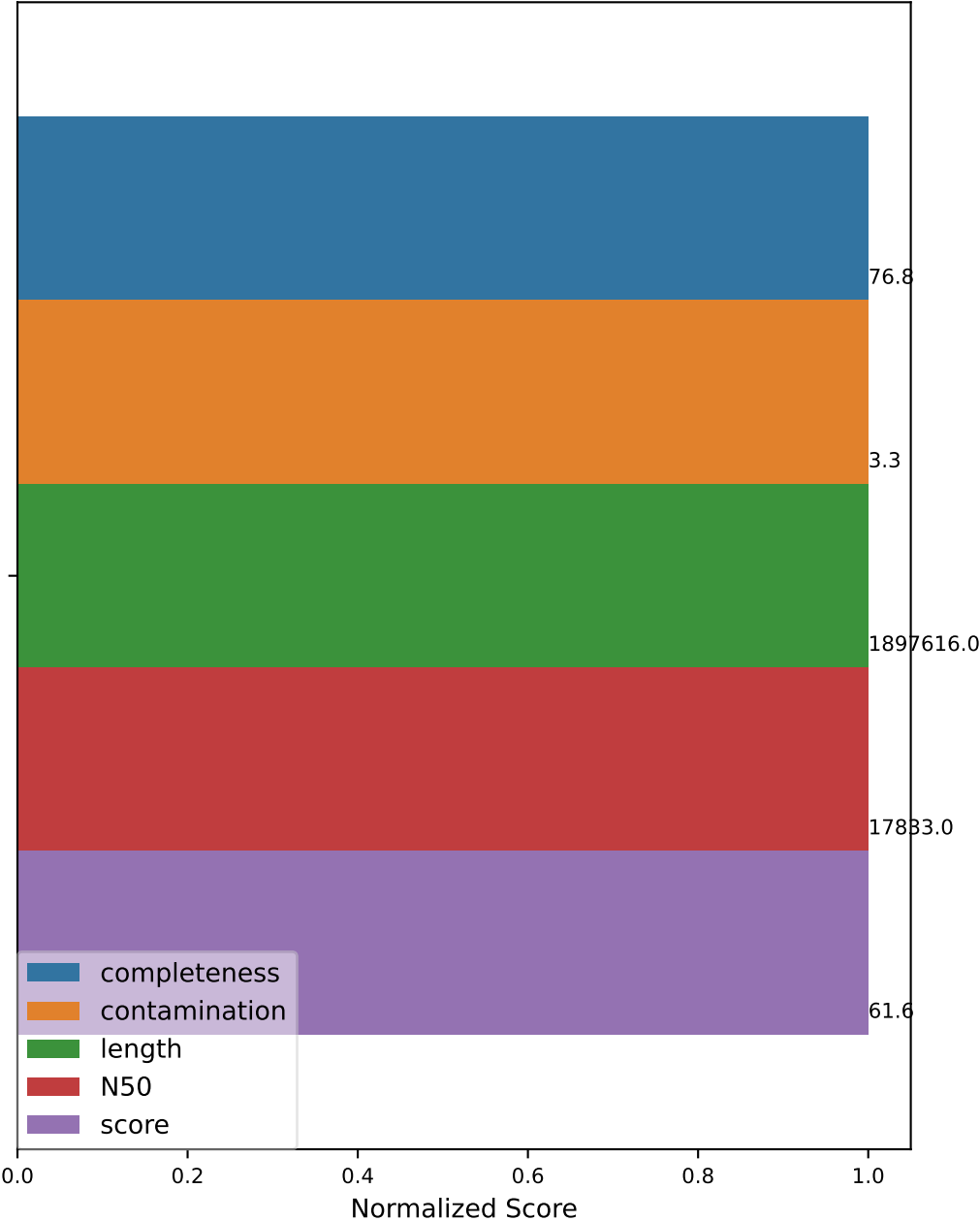
TOBG\_EAC-68.fna \*



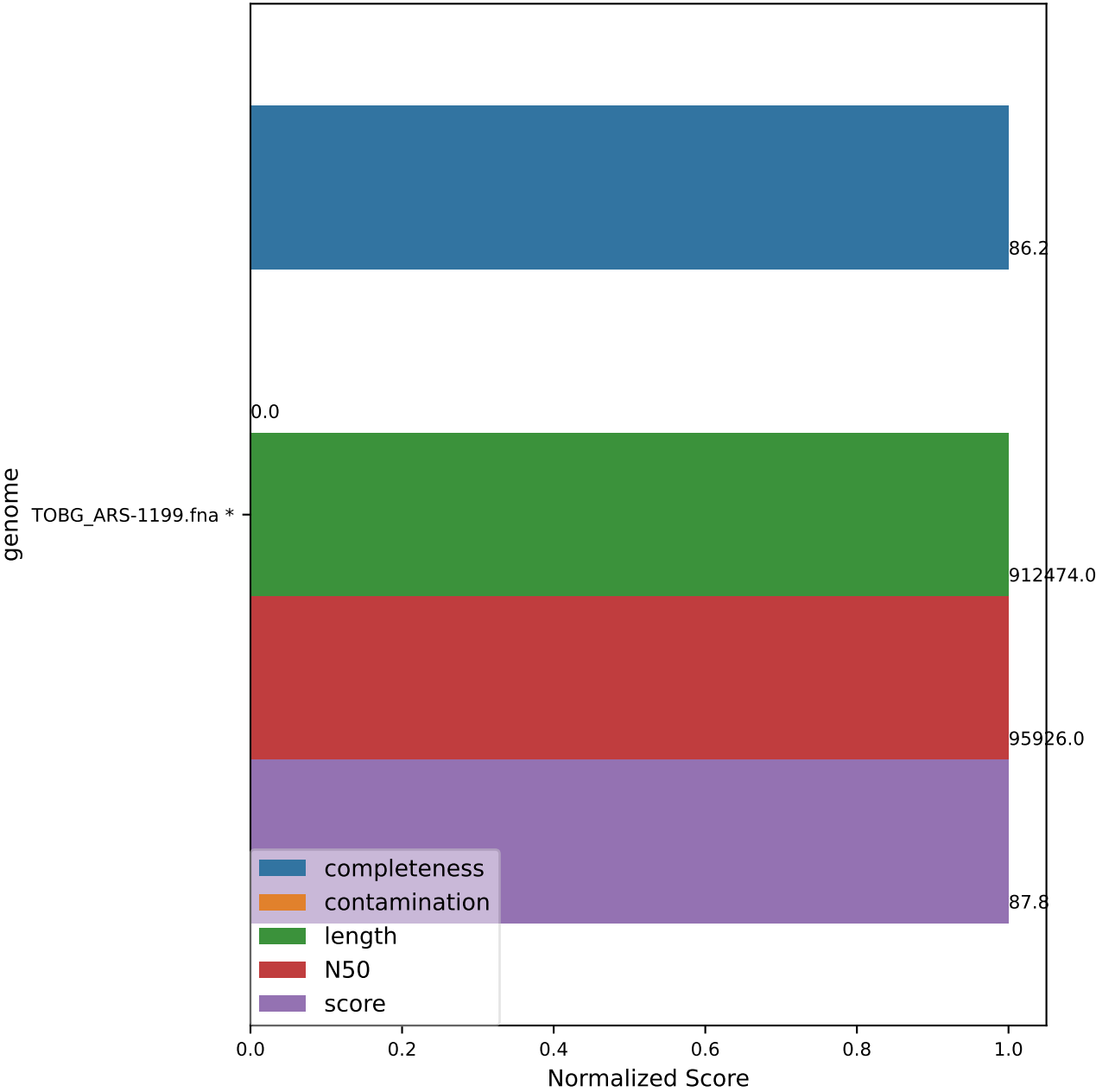
Scoring of cluster 719\_0

genome

TOBG\_ARS-1018.fna \*



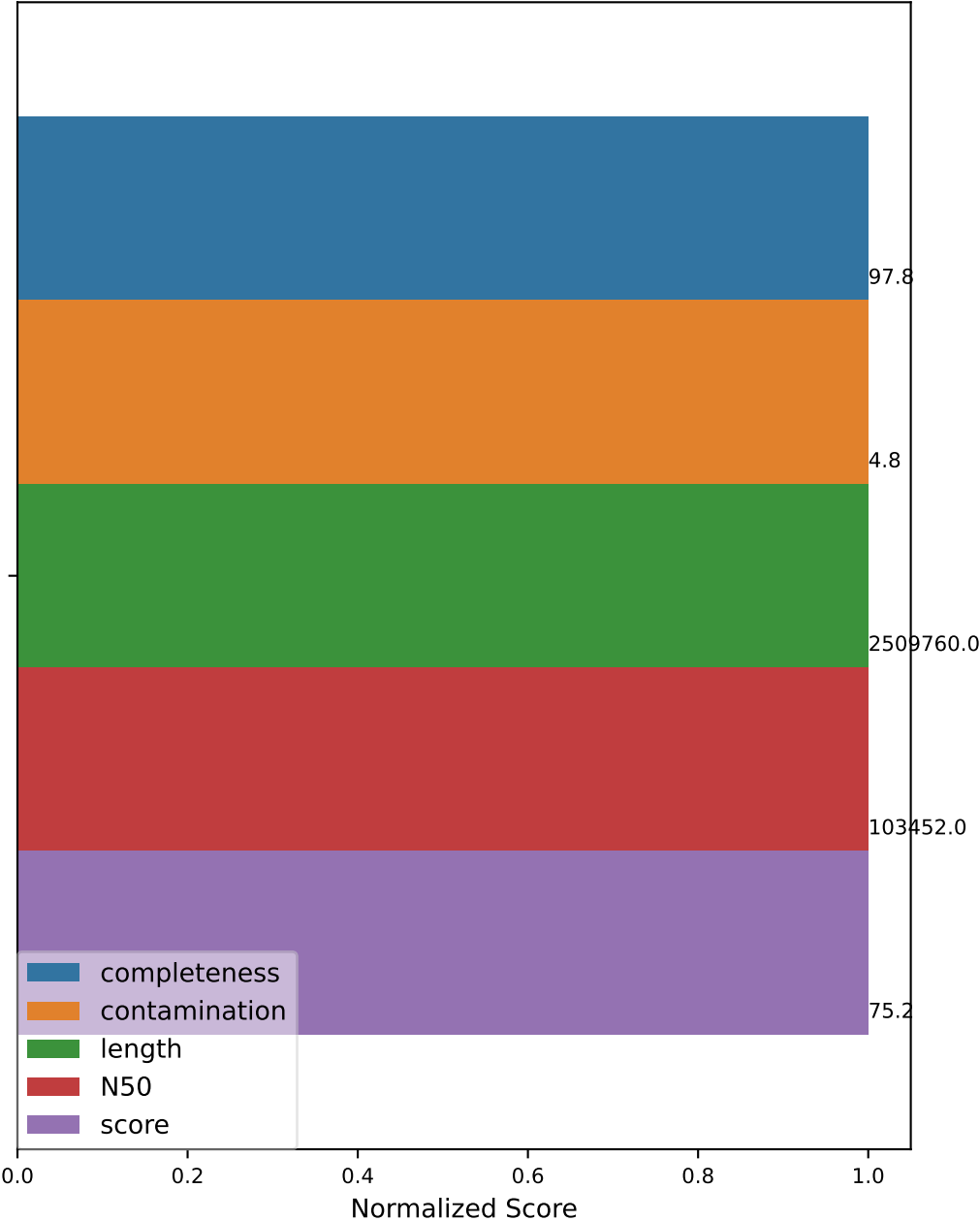
Scoring of cluster 720\_0



Scoring of cluster 721\_0

genome

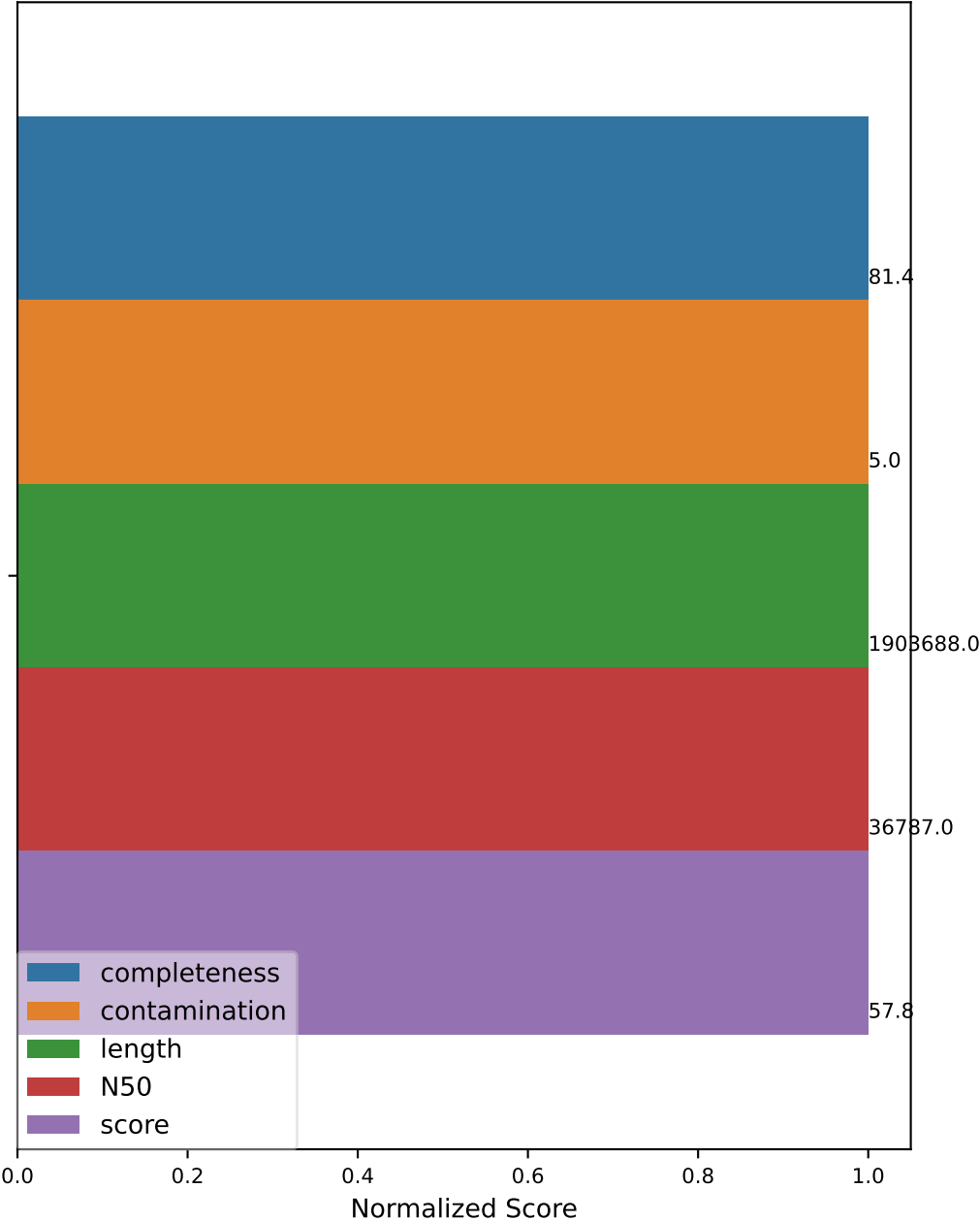
TOBG\_NAT-165.fna \*



Scoring of cluster 722\_0

genome

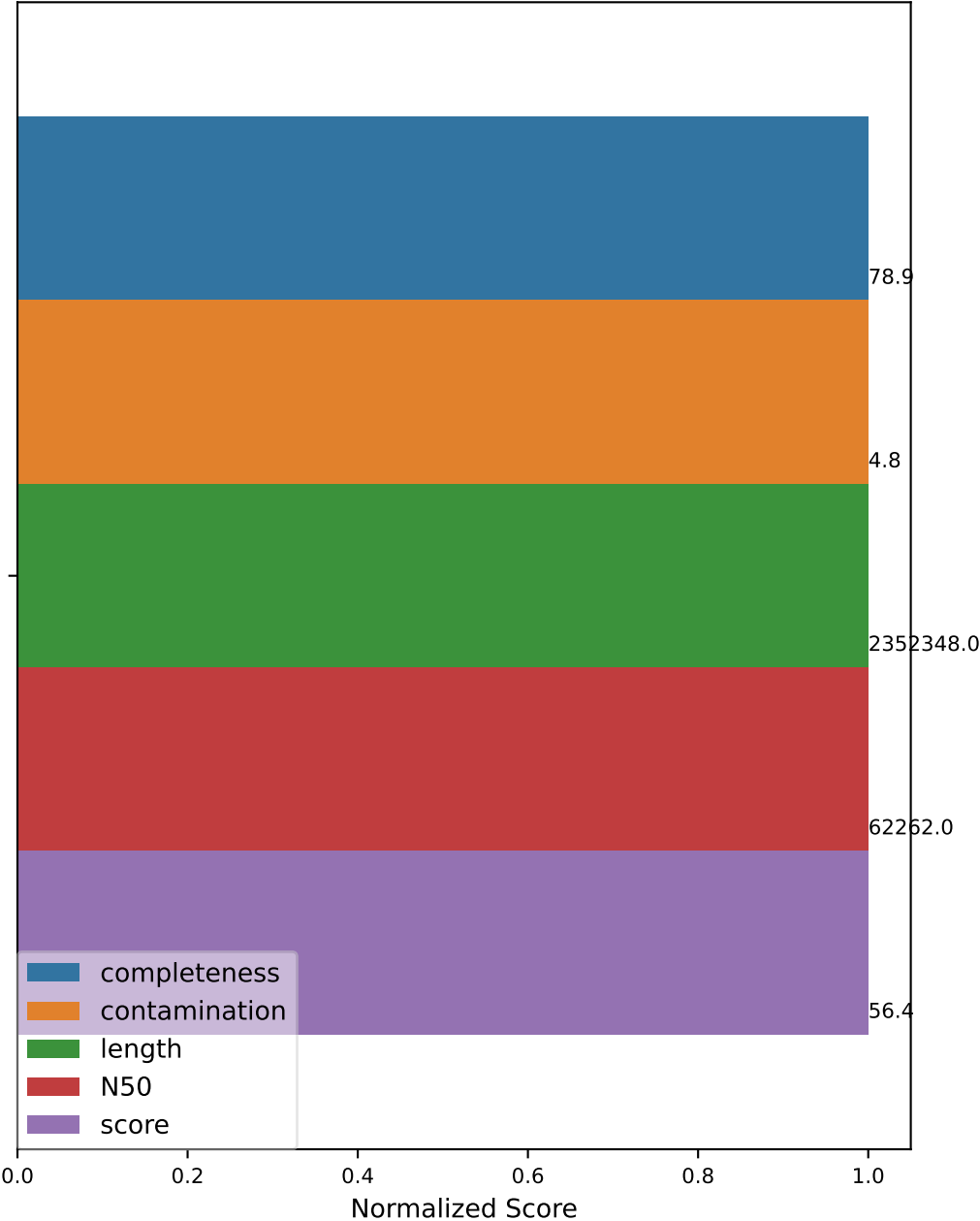
TOBG\_MED-614.fna \*



Scoring of cluster 723\_0

genome

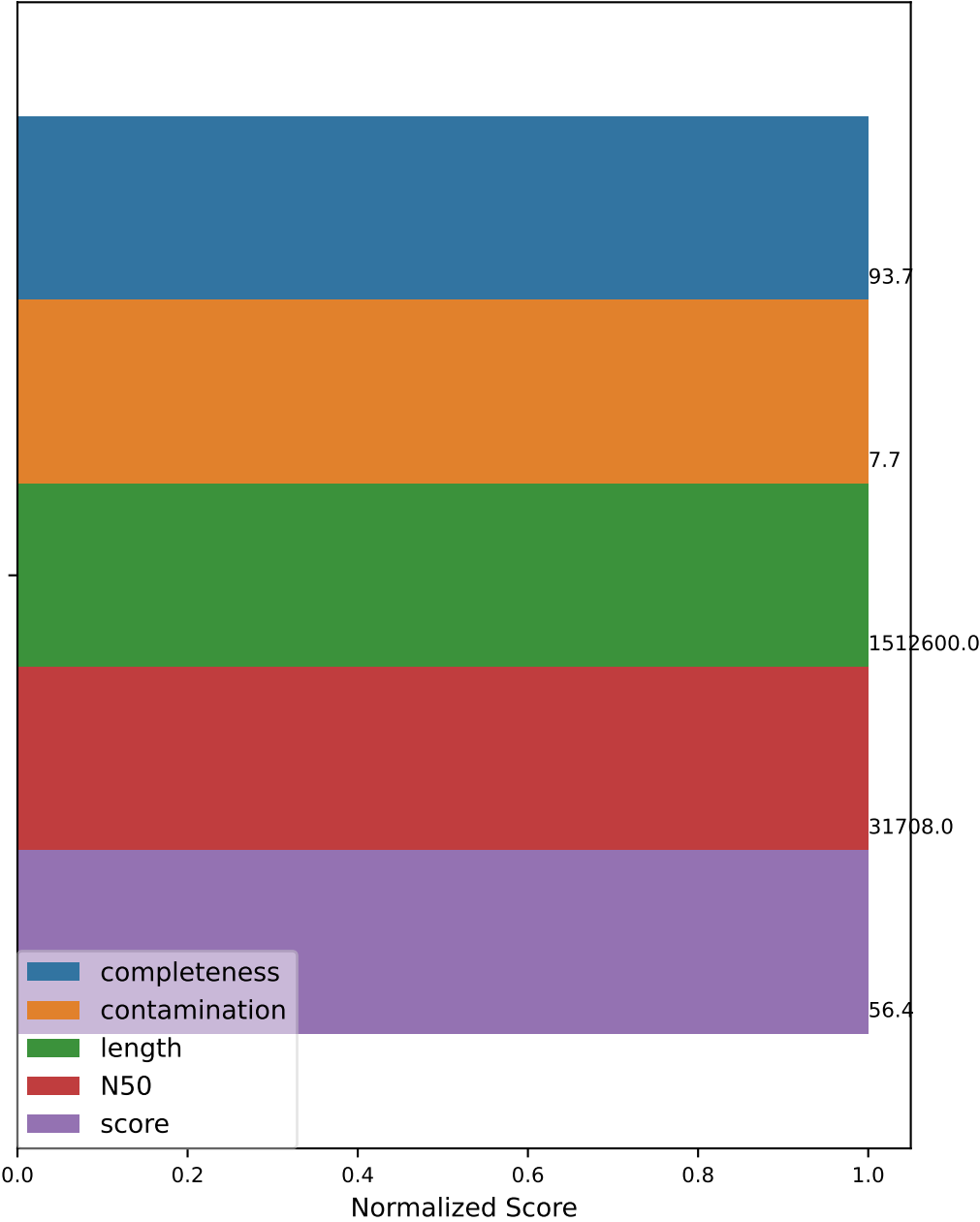
TOBG\_MED-853.fna \*



Scoring of cluster 724\_0

genome

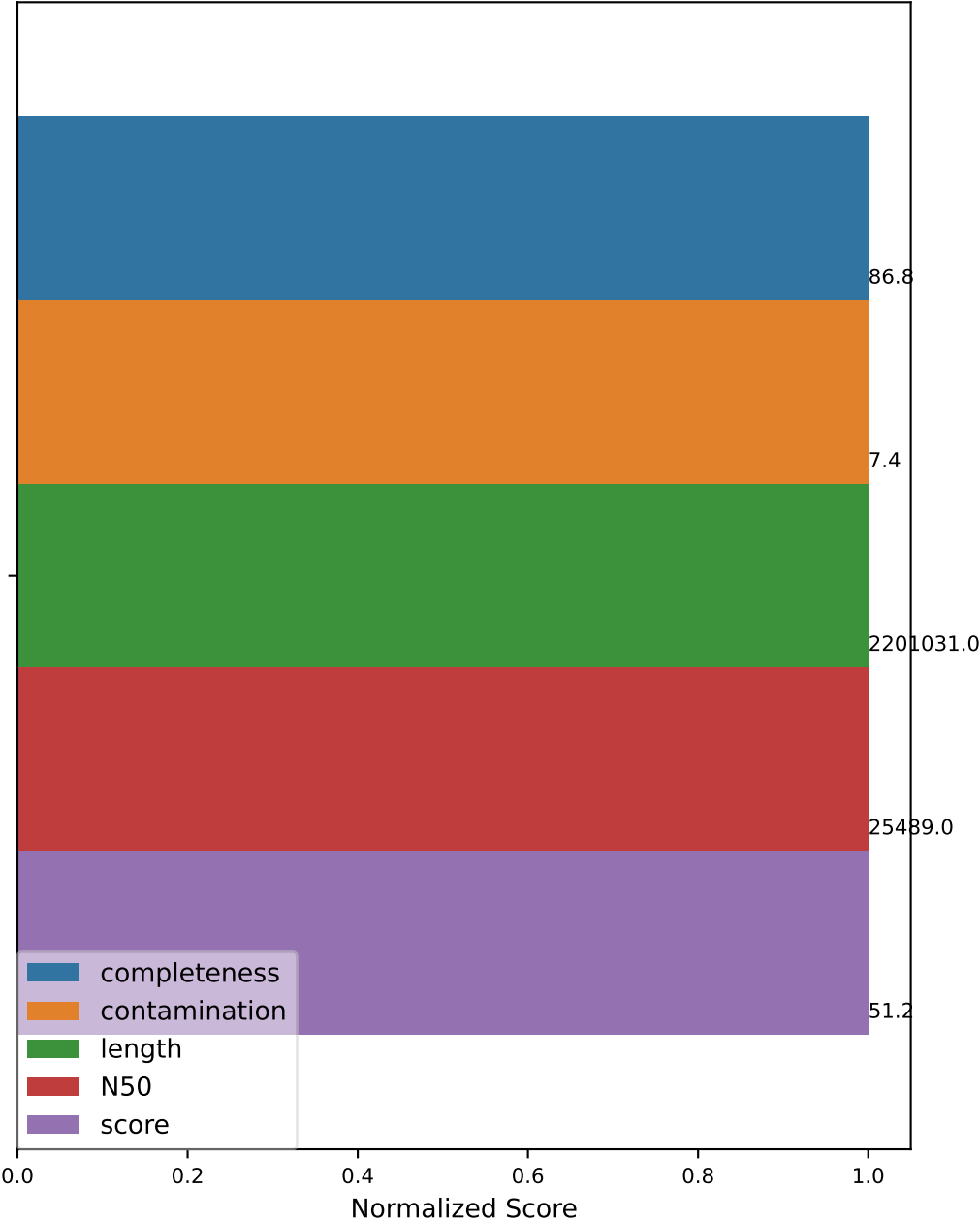
TOBG\_RS-428.fna \*



Scoring of cluster 725\_0

genome

TOBG\_SAT-1289.fna \*

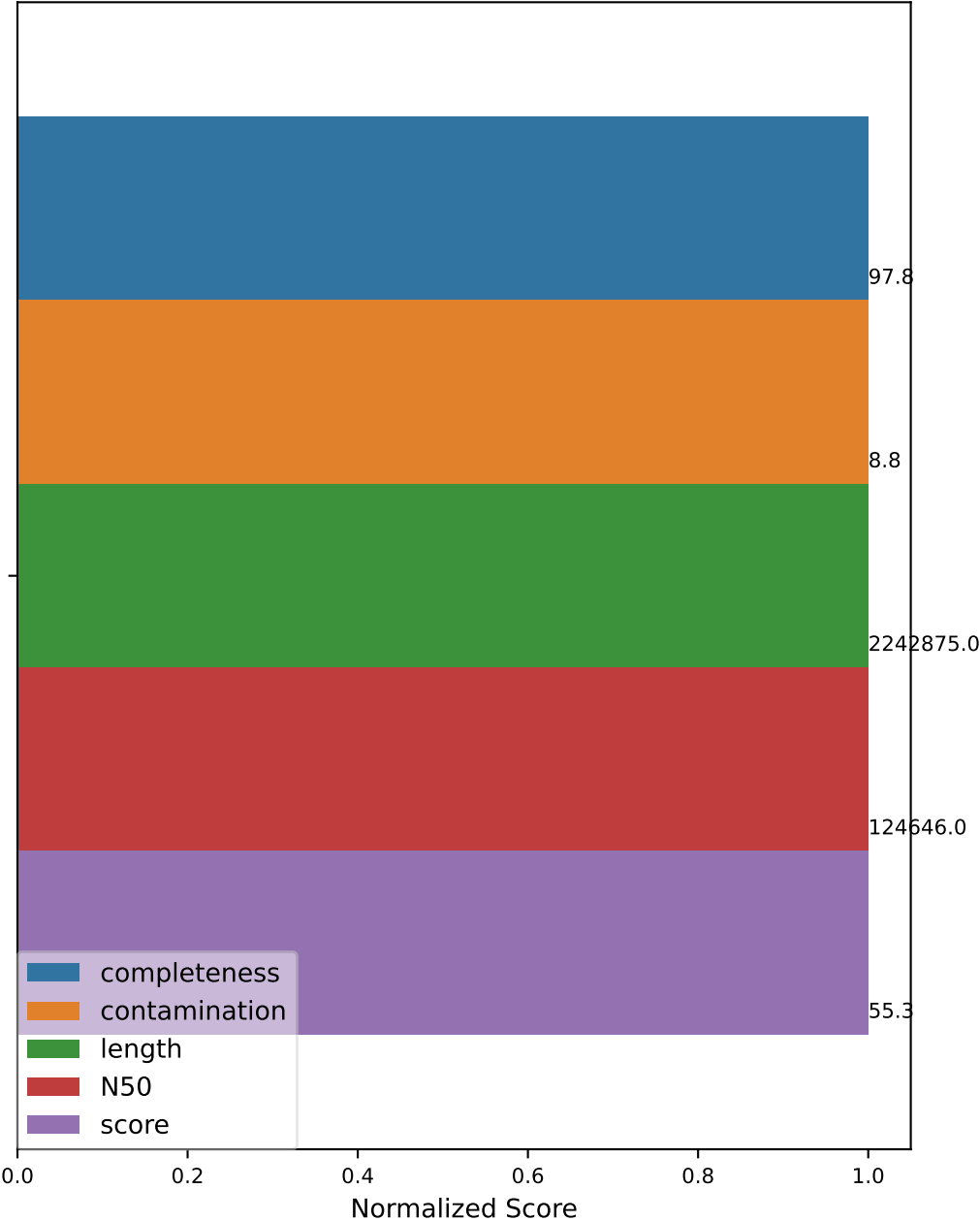




Scoring of cluster 726\_0

genome

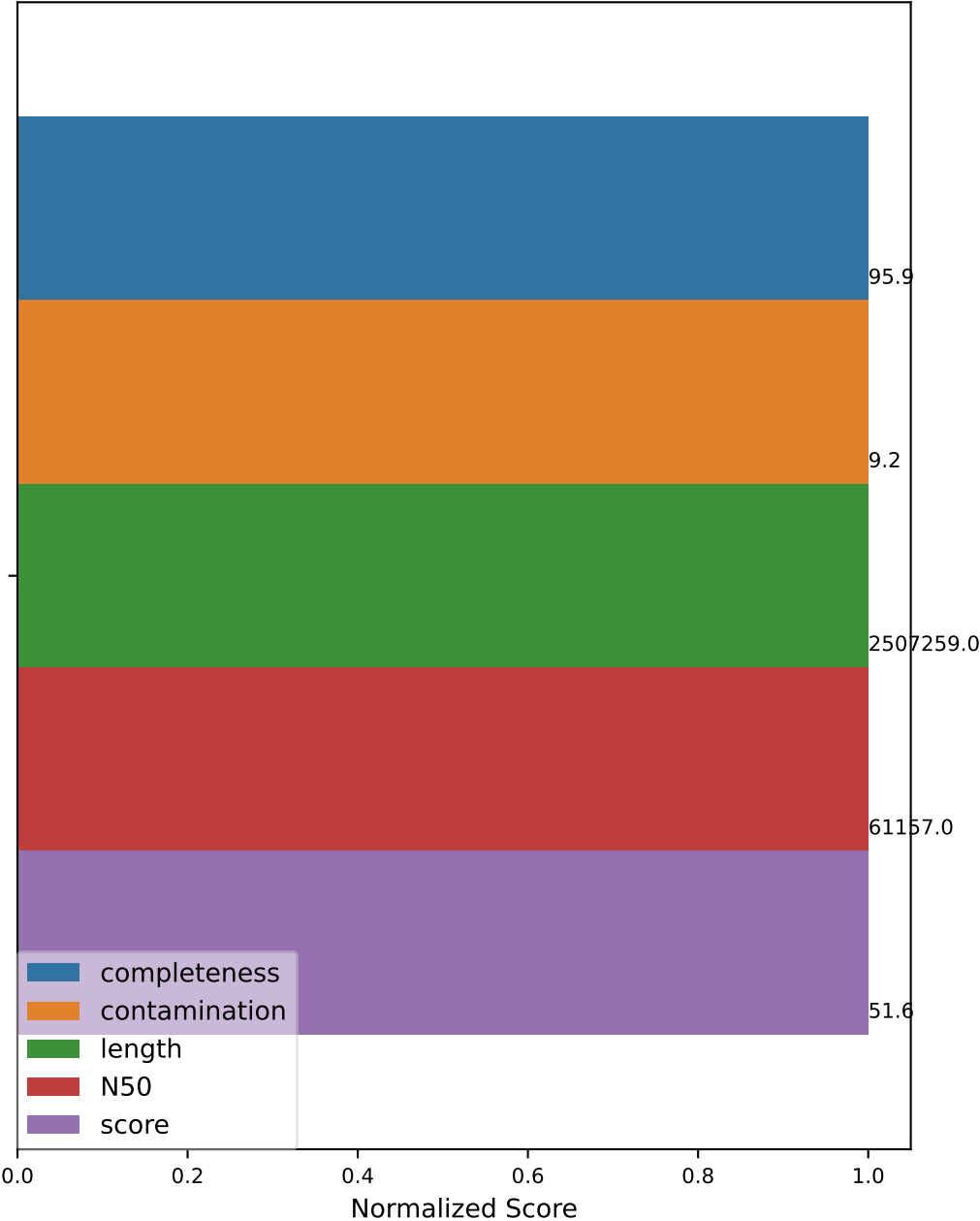
TOBG\_MED-735.fna \*



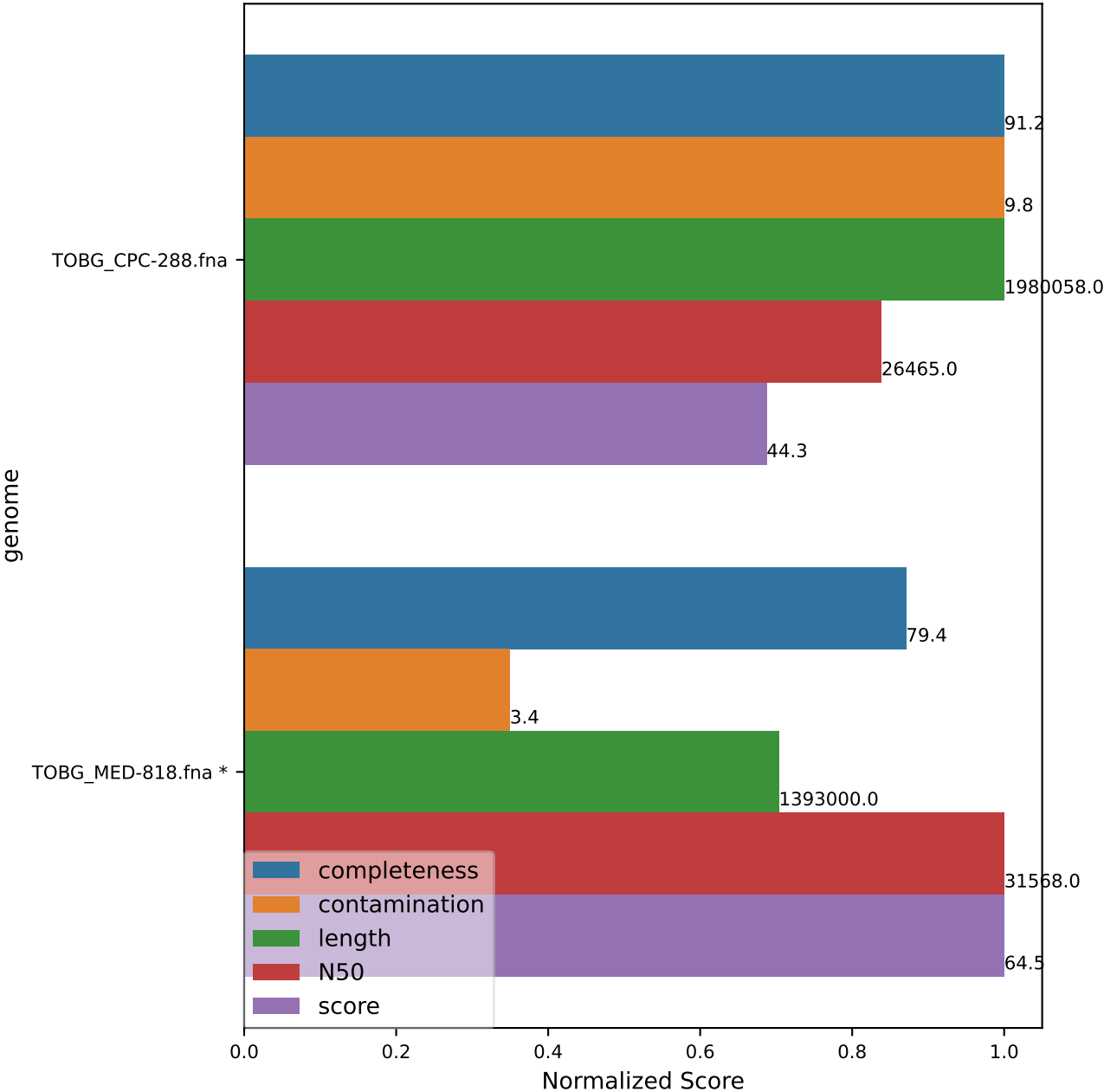
Scoring of cluster 727\_0

genome

TOBG\_SAT-107.fna \*



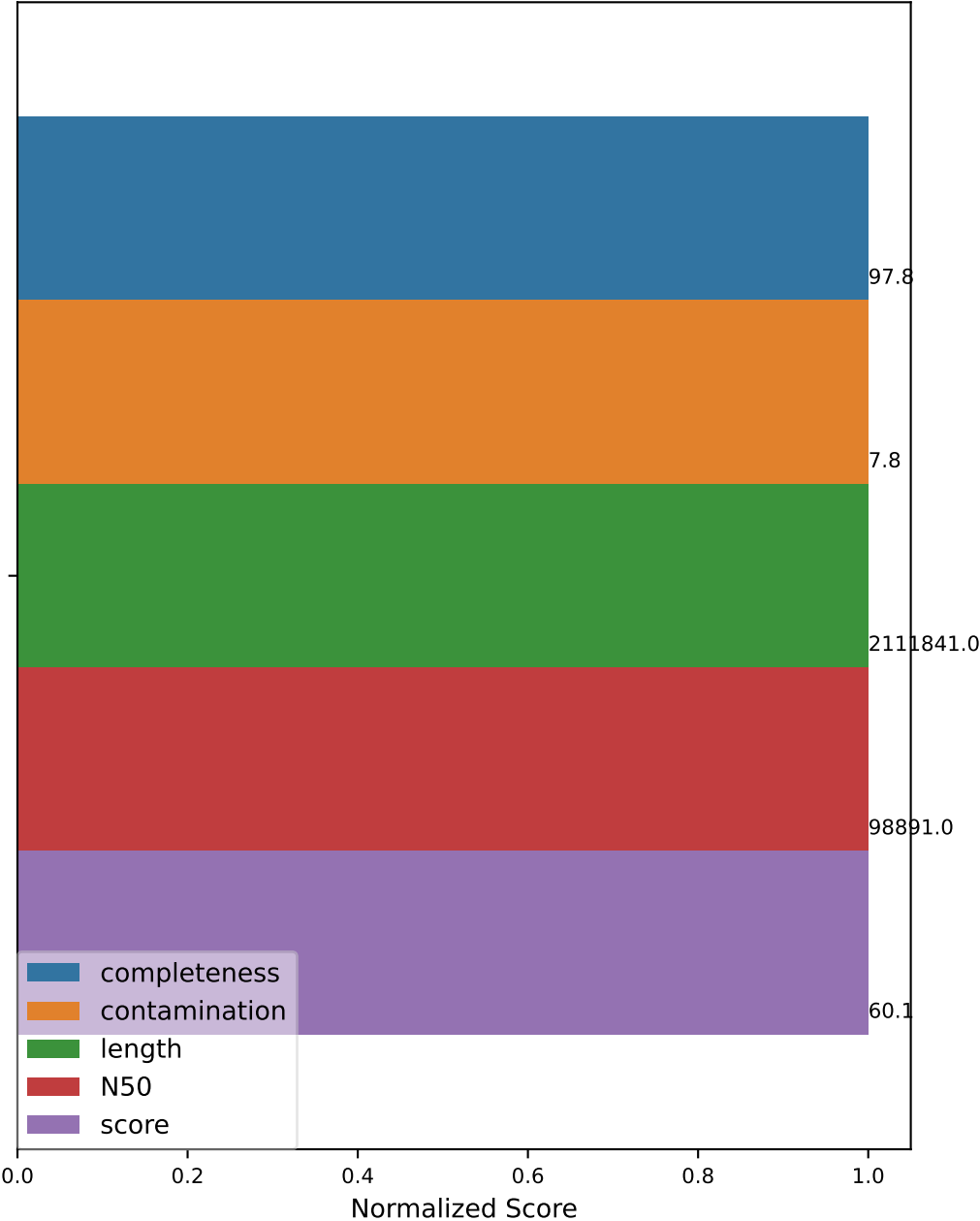
Scoring of cluster 728\_1



Scoring of cluster 729\_0

genome

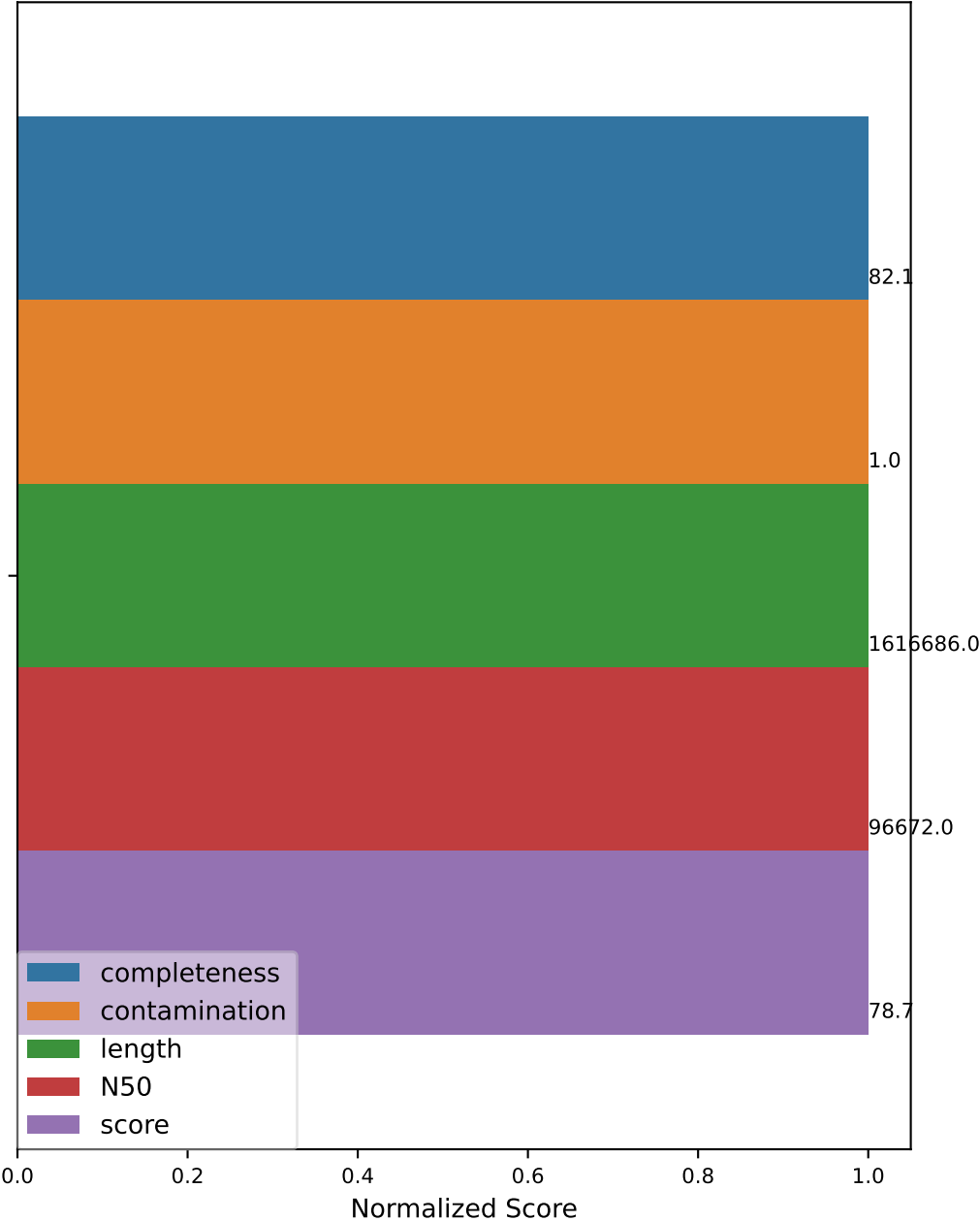
TOBG\_MED-763.fna \*



Scoring of cluster 730\_0

genome

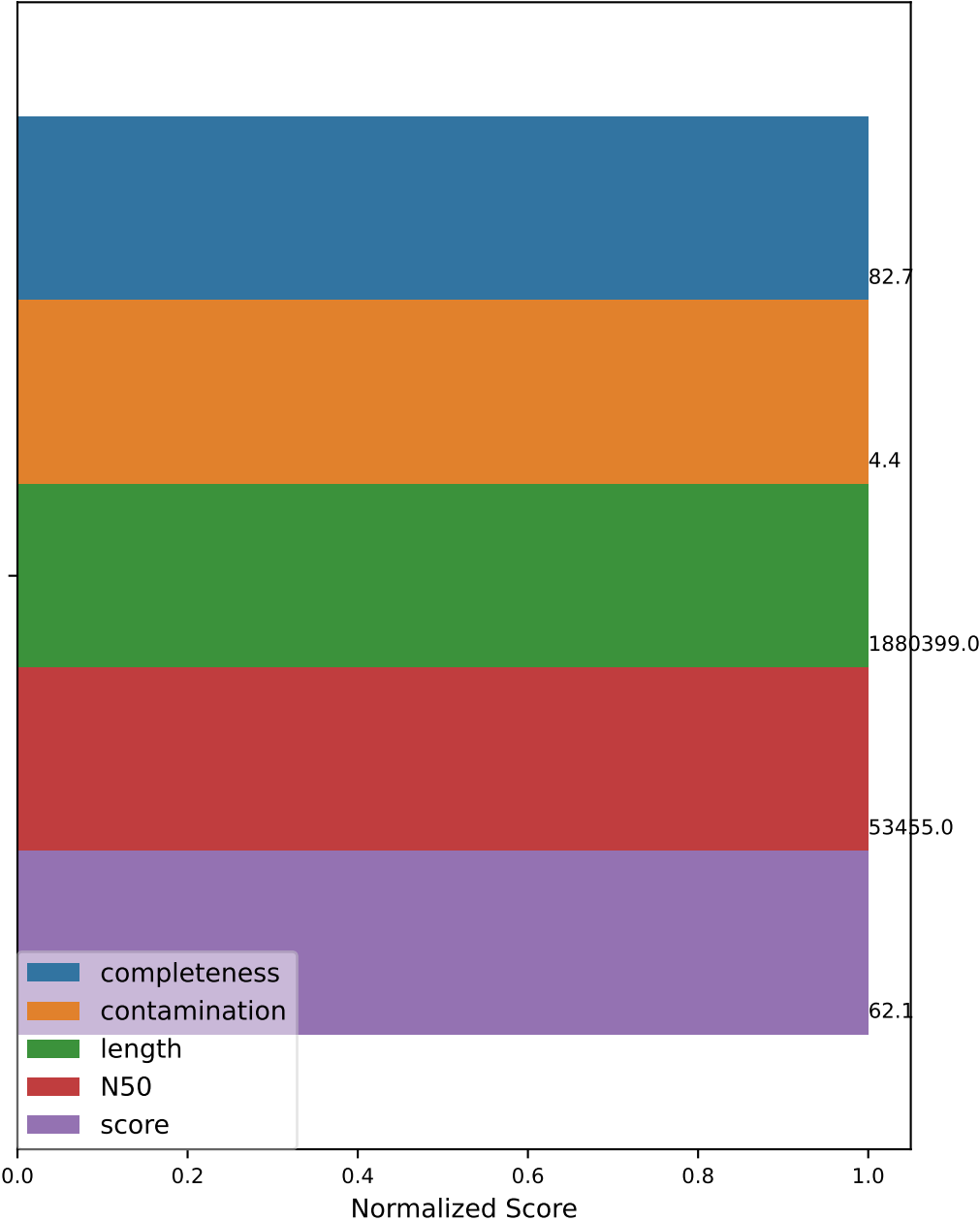
TOBG\_MED-619.fna \*



Scoring of cluster 731\_0

genome

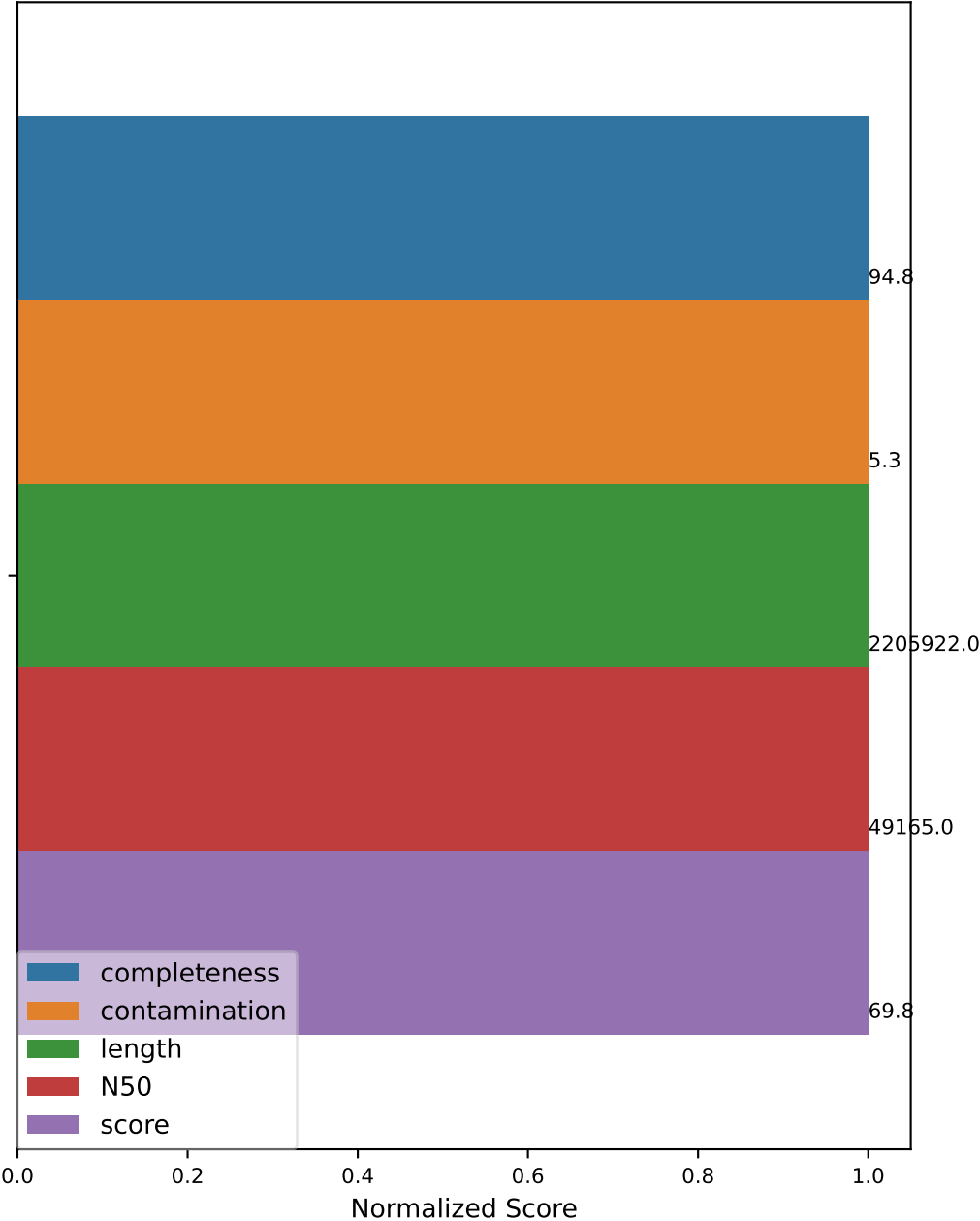
TOBG\_MED-762.fna \*



Scoring of cluster 732\_0

genome

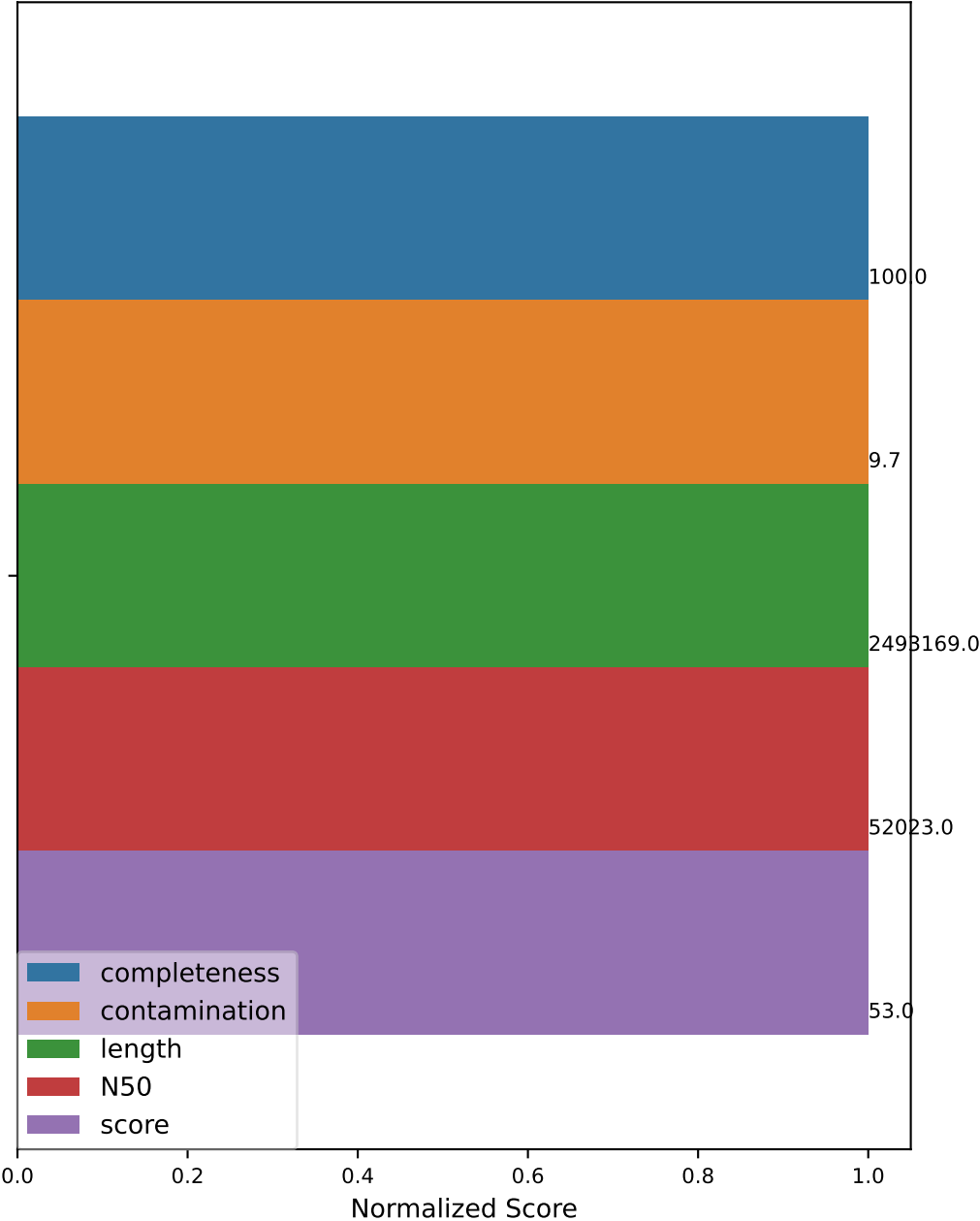
TOBG\_MED-796.fna \*



Scoring of cluster 733\_0

genome

TOBG\_MED-623.fna \*

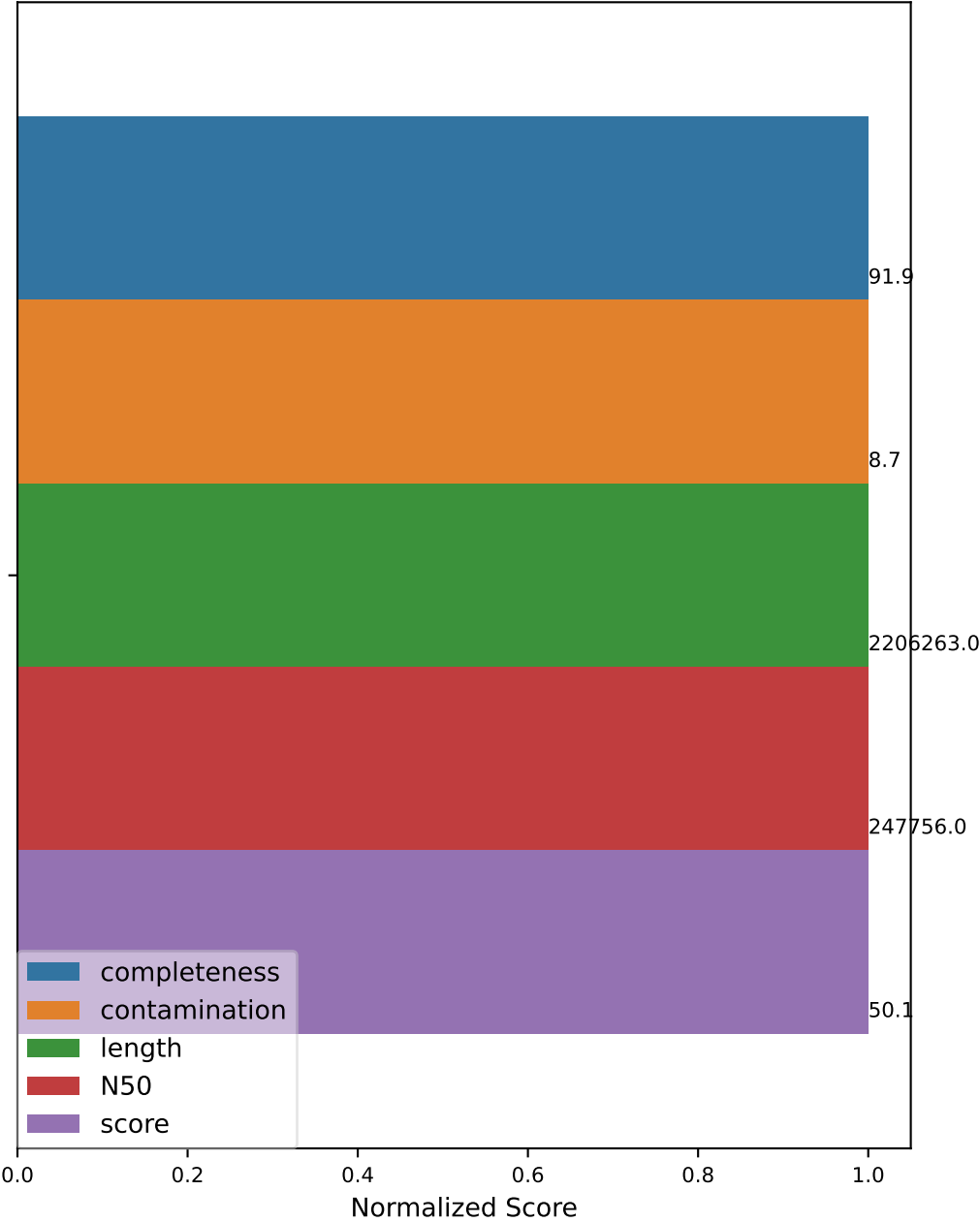




Scoring of cluster 734\_0

genome

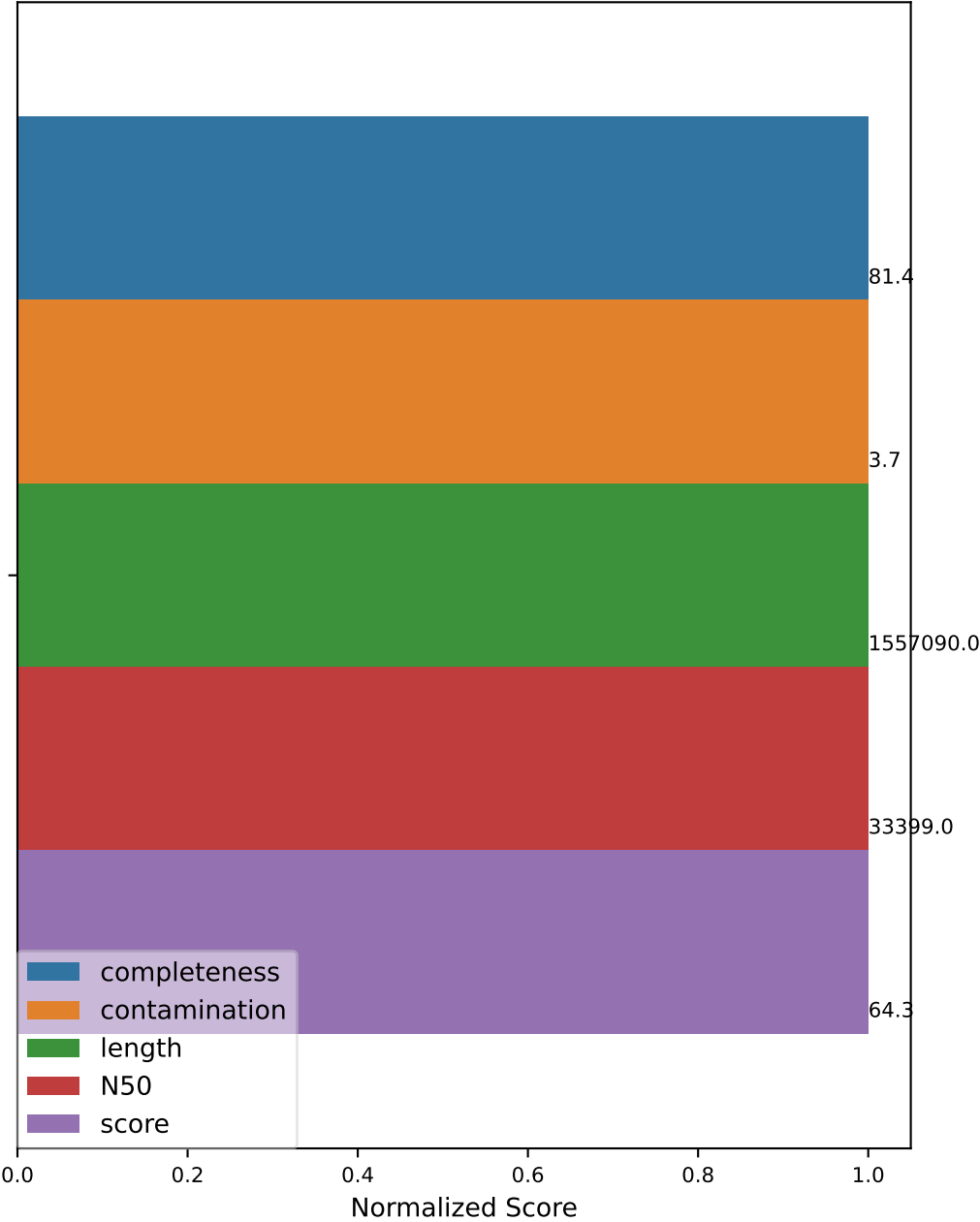
TOBG\_NAT-236.fna \*



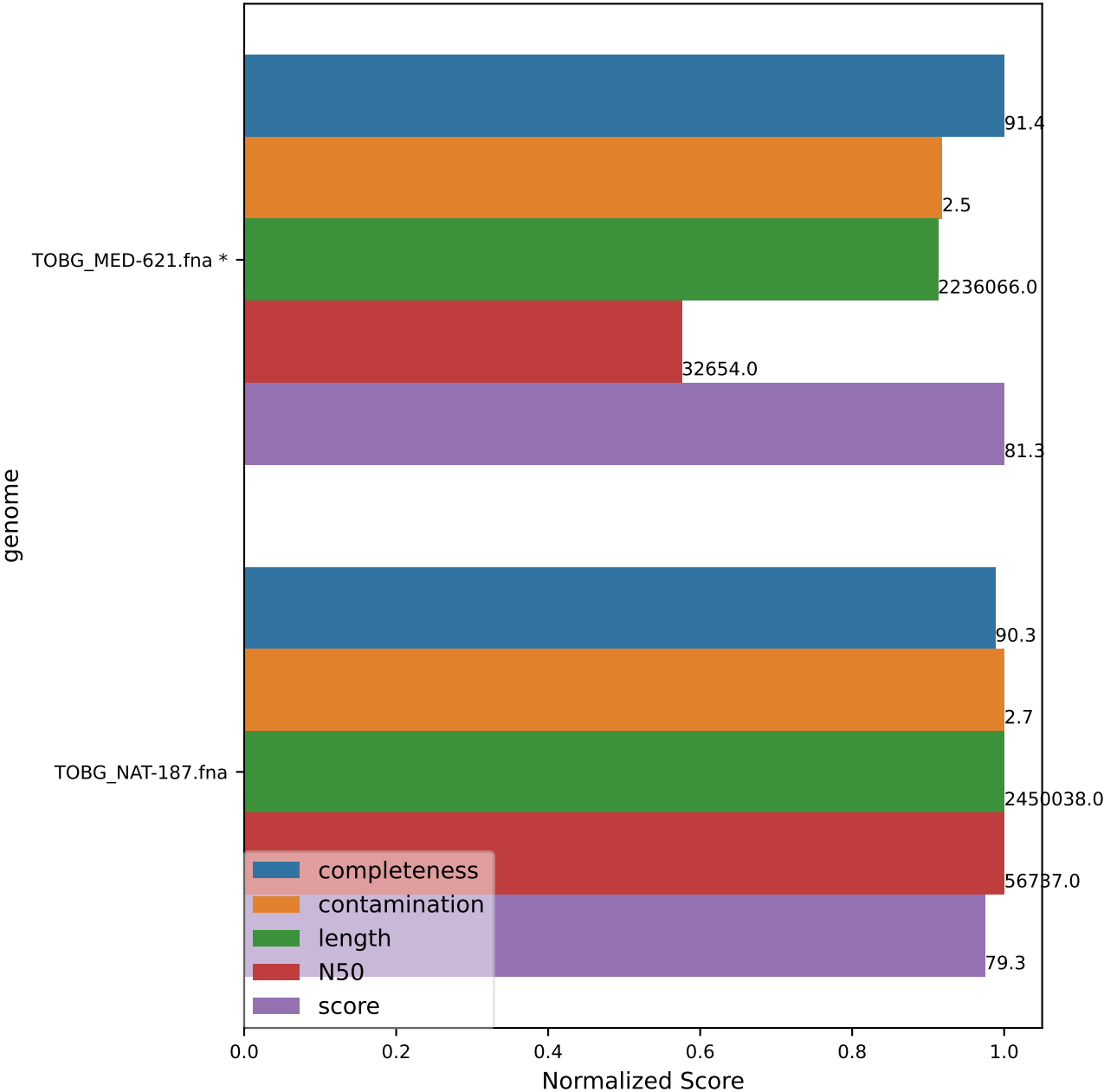
Scoring of cluster 735\_0

genome

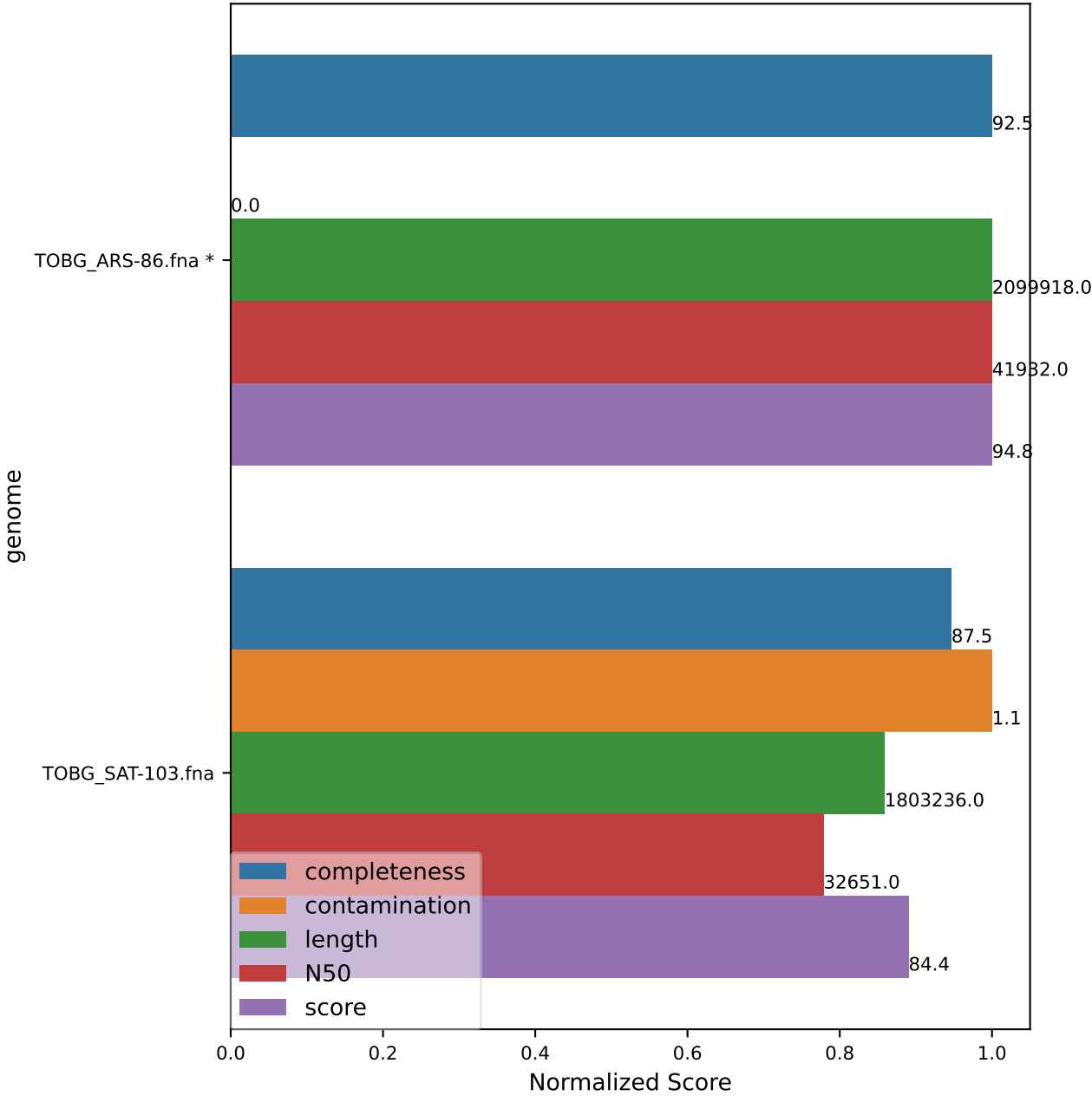
TOBG\_SAT-226.fna \*



Scoring of cluster 736\_1



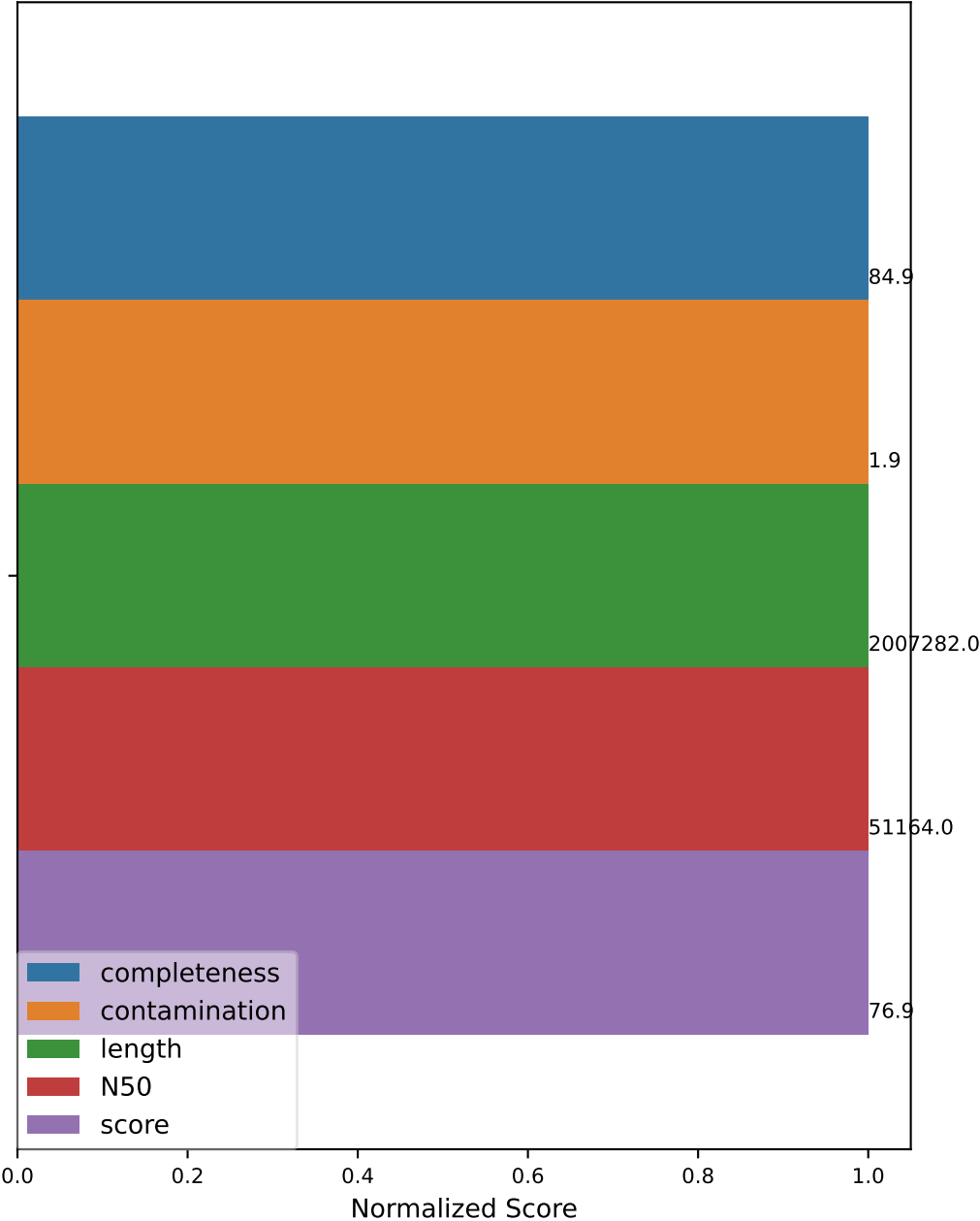
Scoring of cluster 737\_1



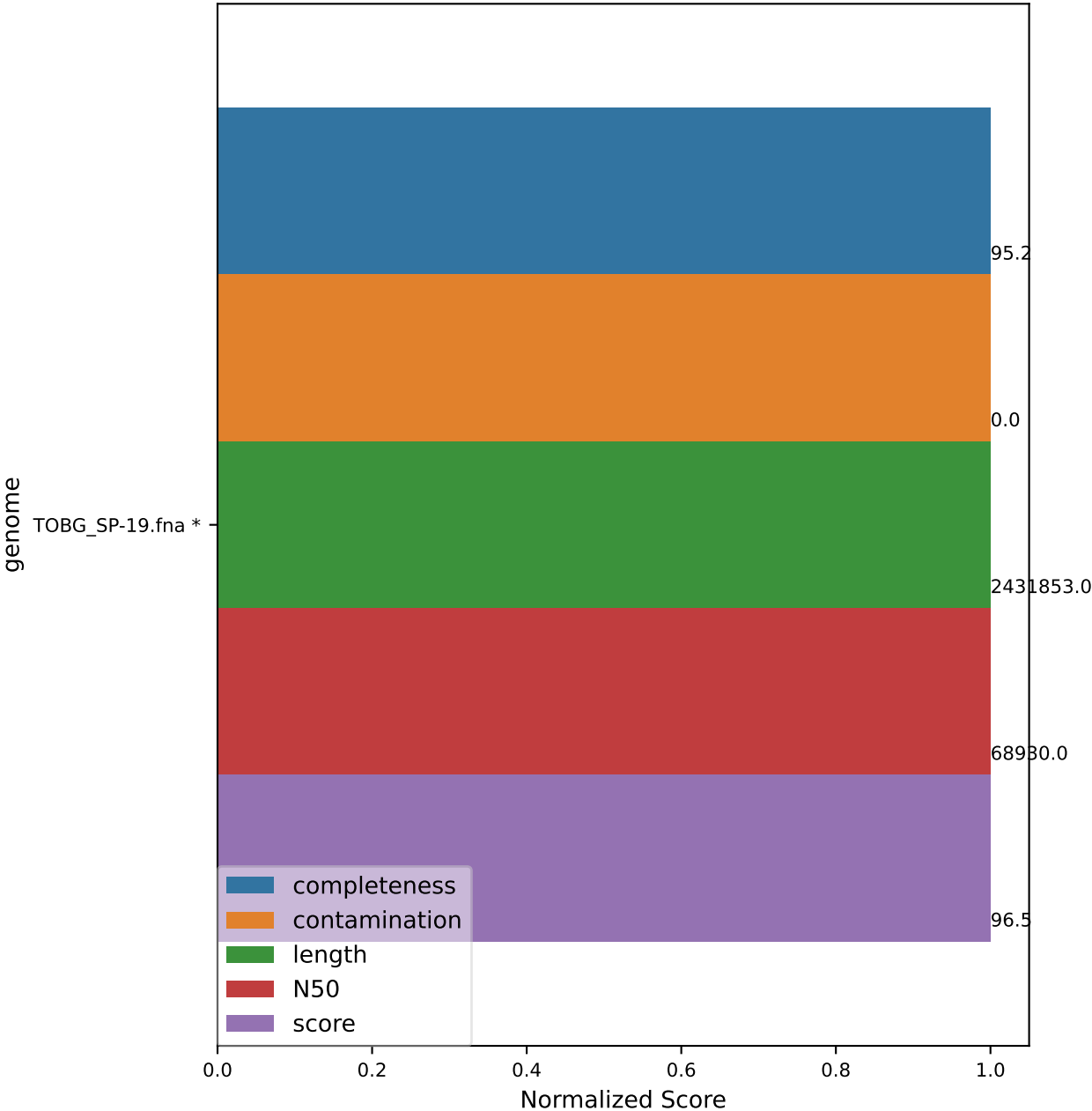
Scoring of cluster 738\_0

genome

TOBG\_SAT-175.fna \*



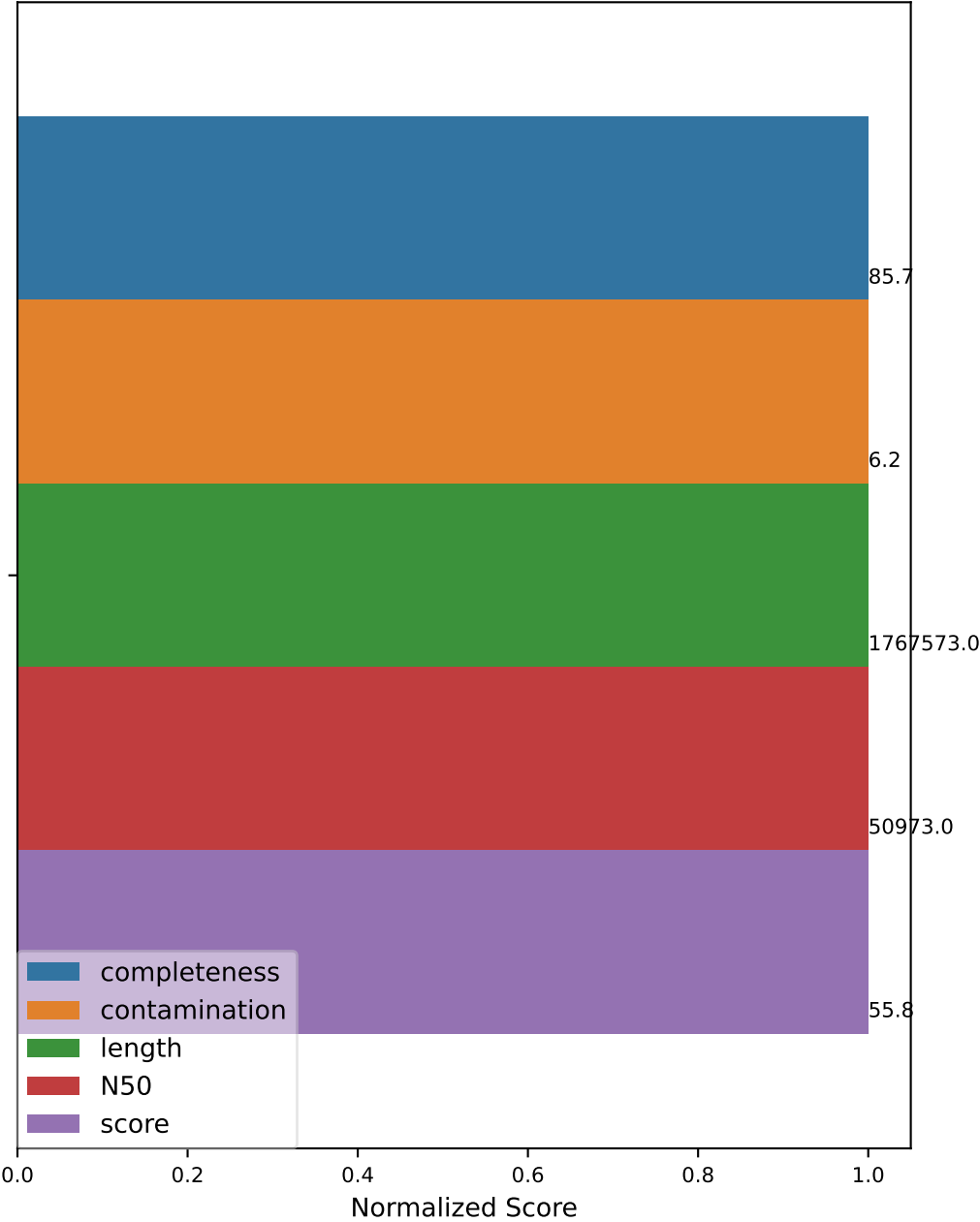
Scoring of cluster 739\_0



Scoring of cluster 740\_1

genome

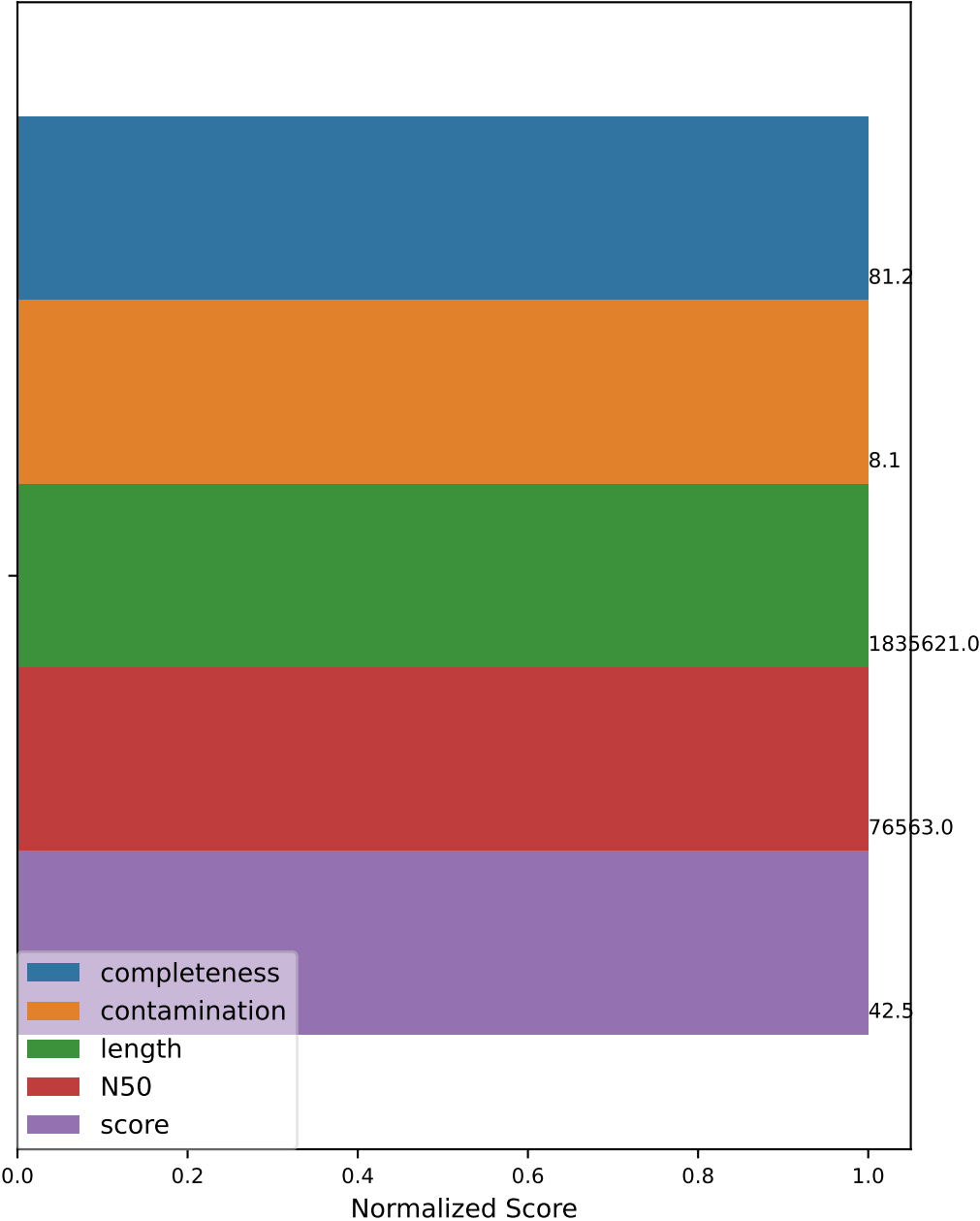
TOBG\_NAT-248.fna \*



Scoring of cluster 740\_2

genome

TOBG\_SP-3028.fna \*

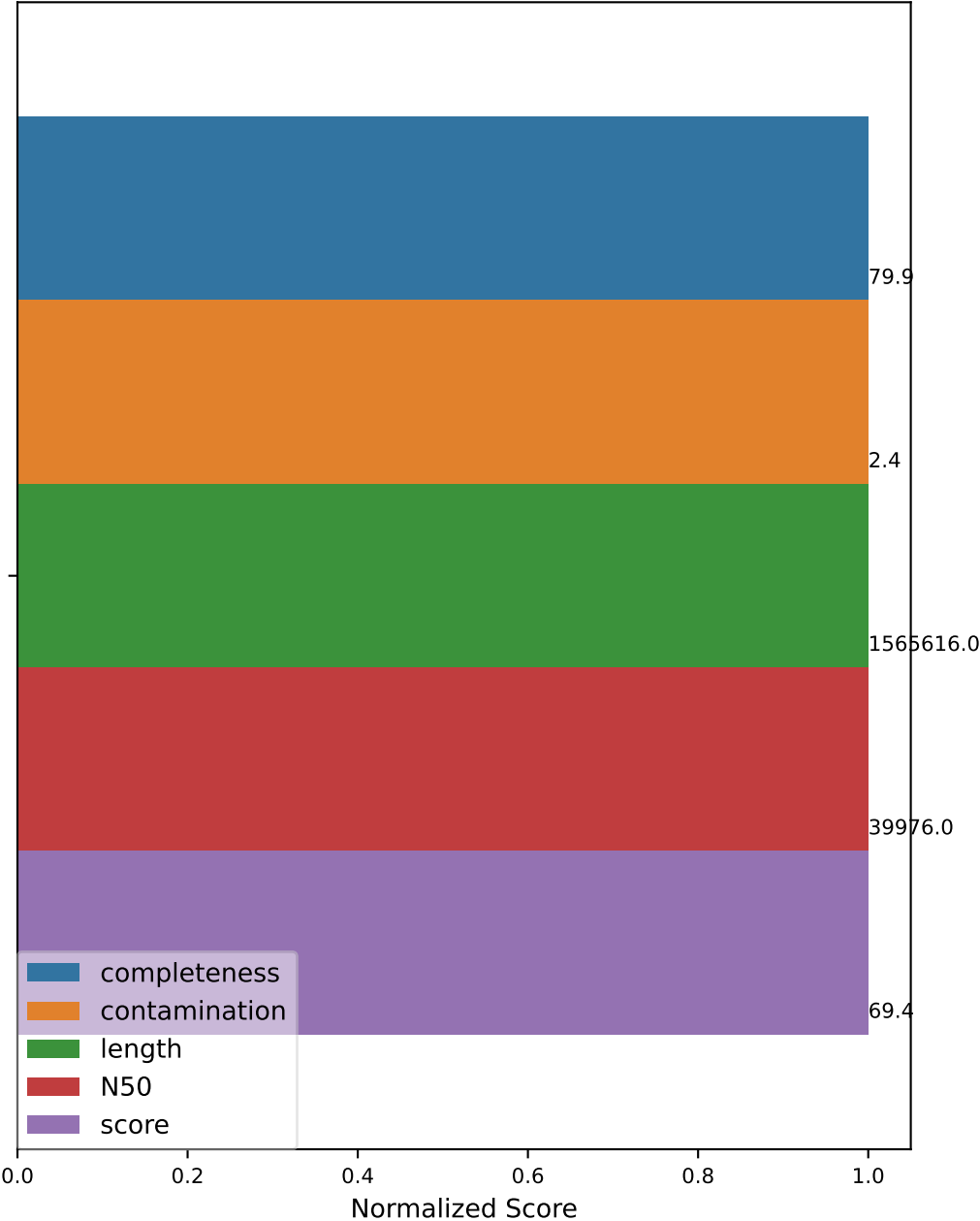




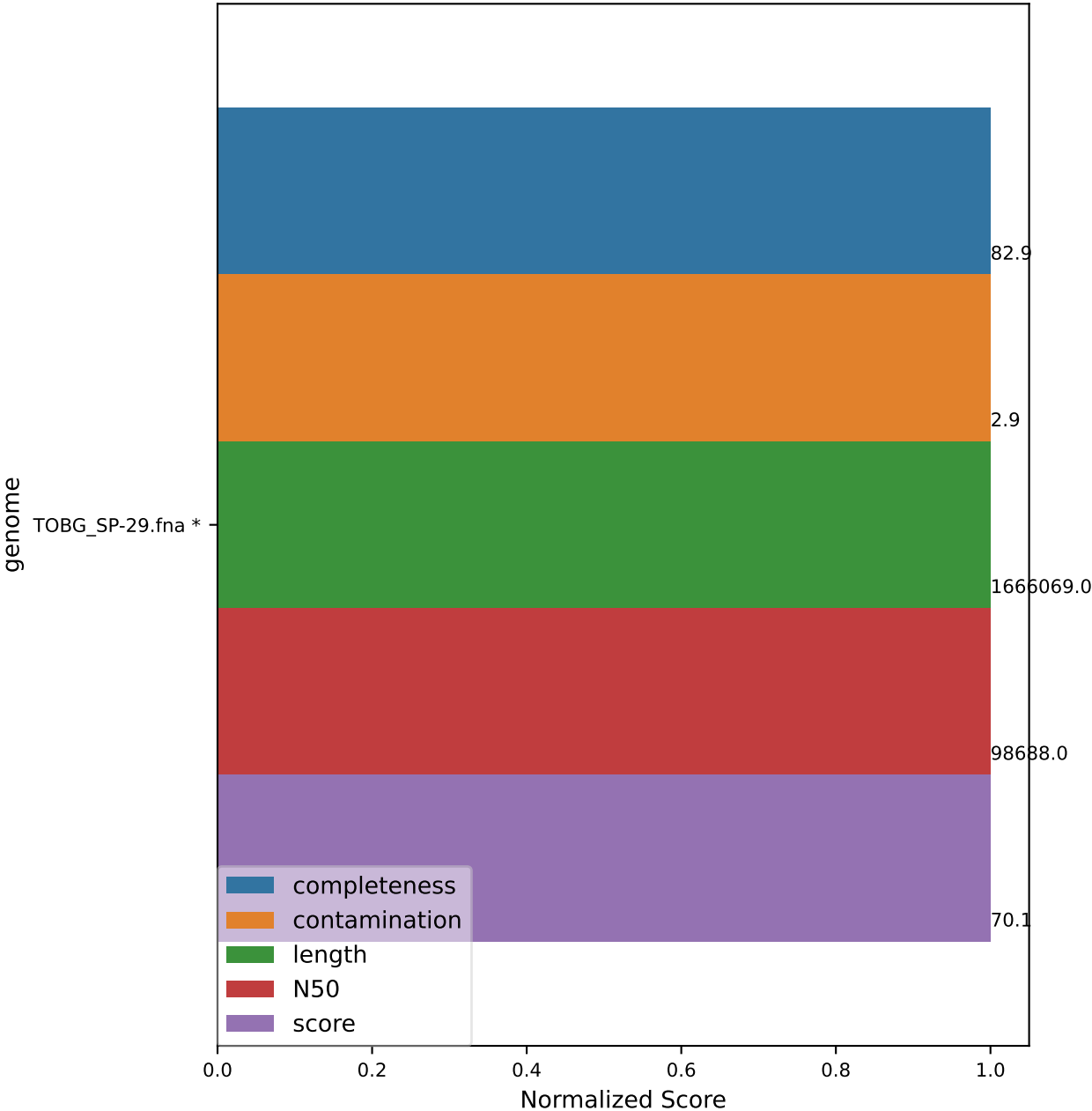
Scoring of cluster 741\_0

genome

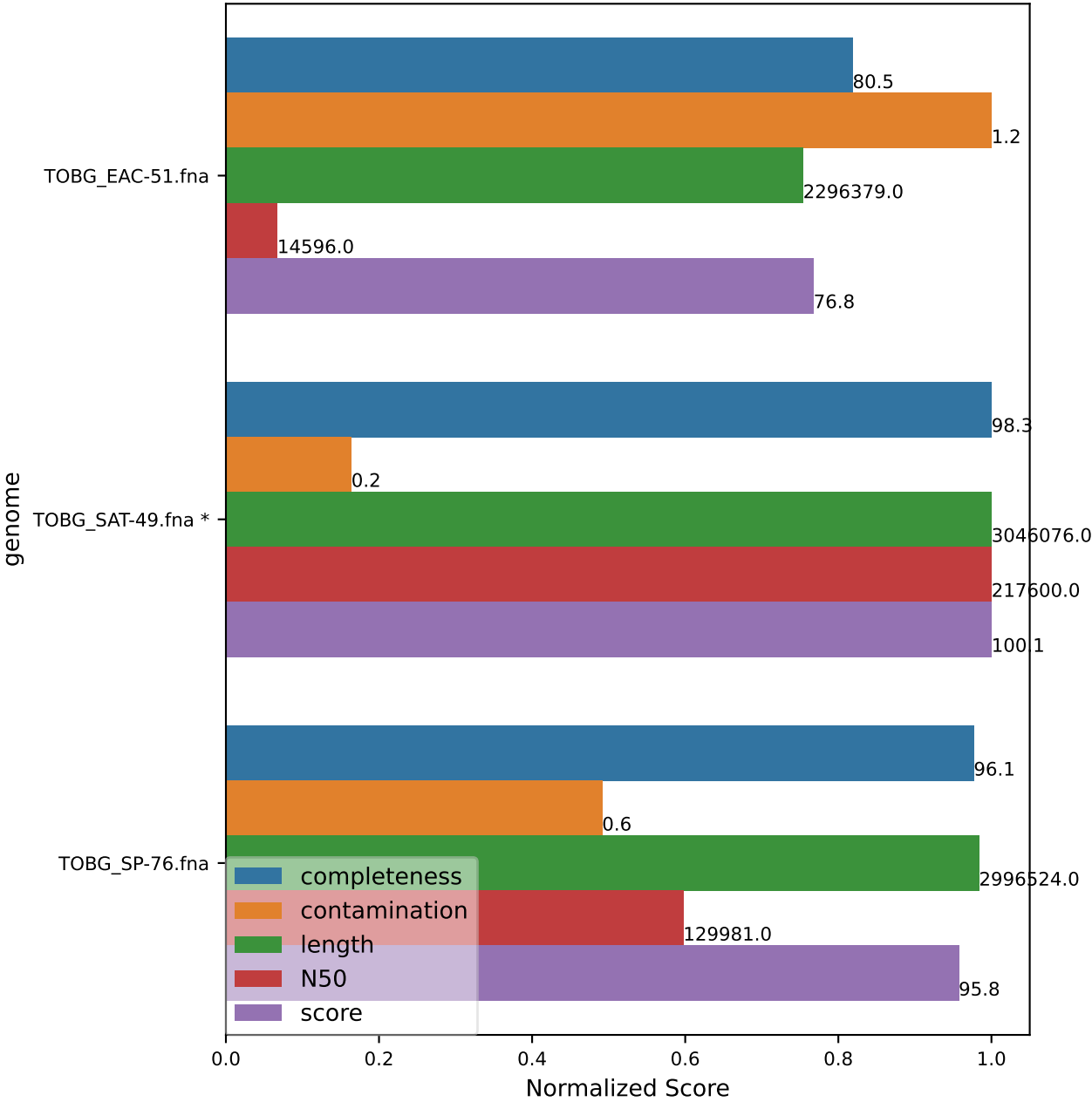
TOBG\_CPC-323.fna \*



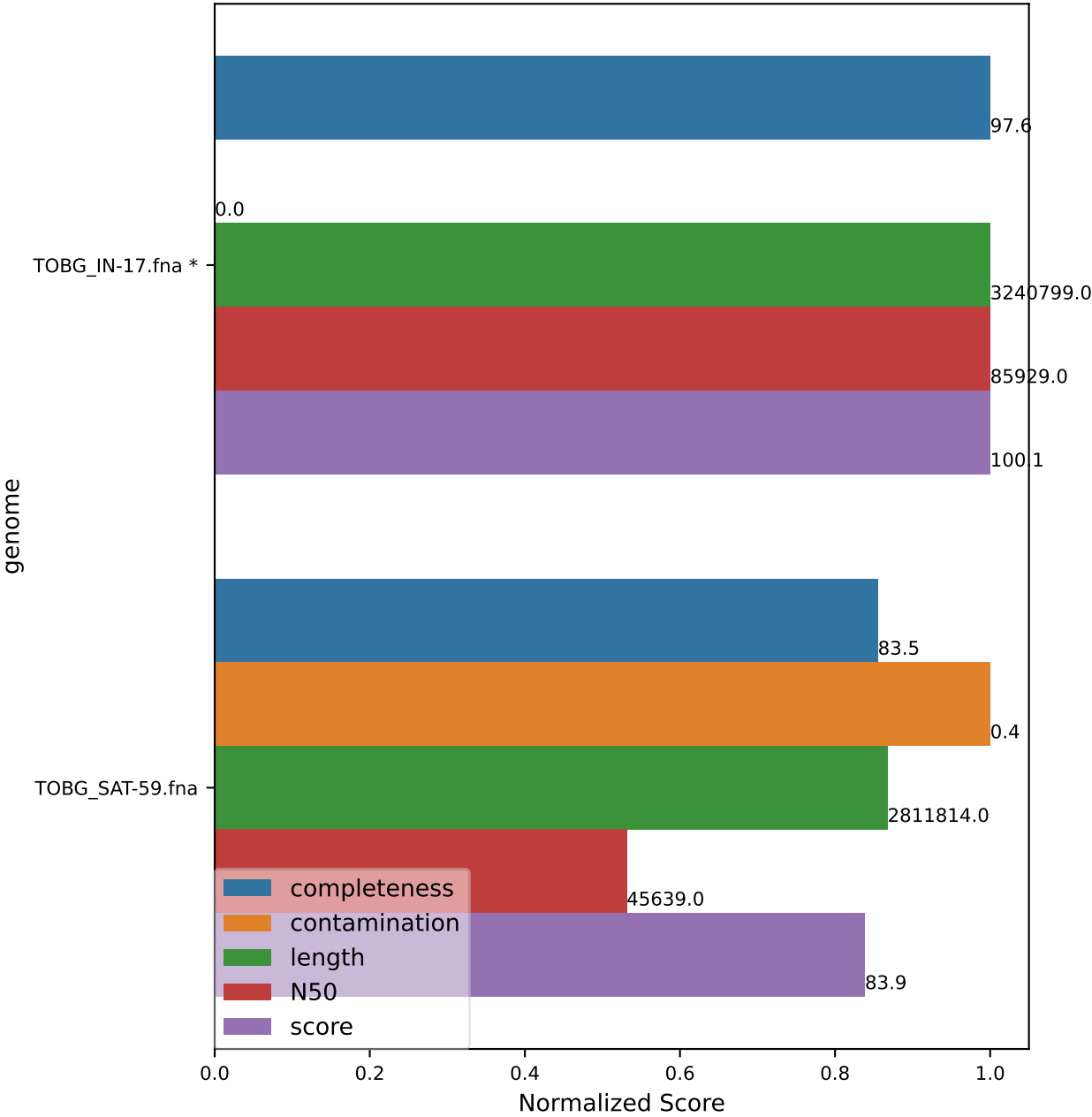
Scoring of cluster 742\_0



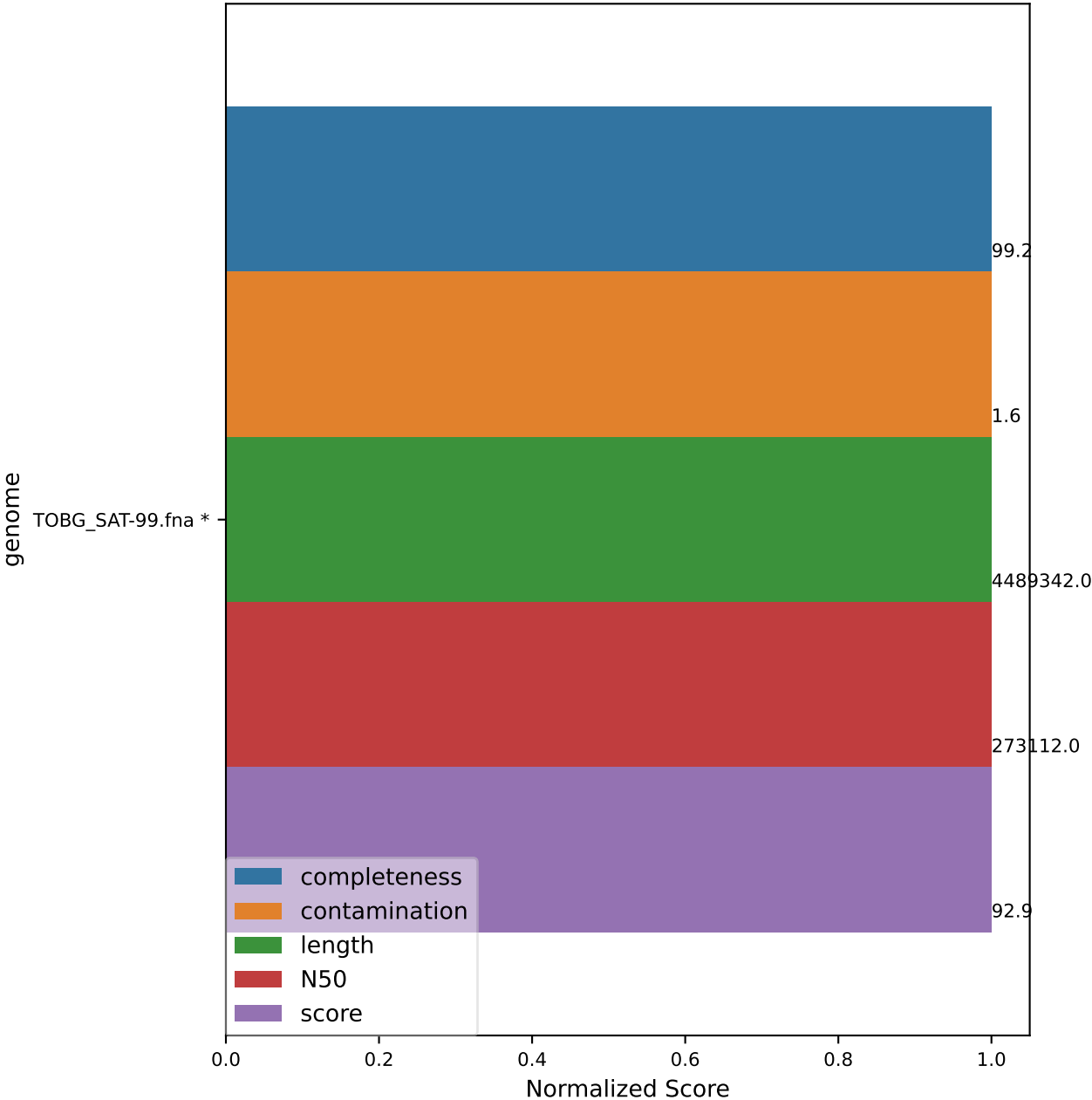
Scoring of cluster 743\_1

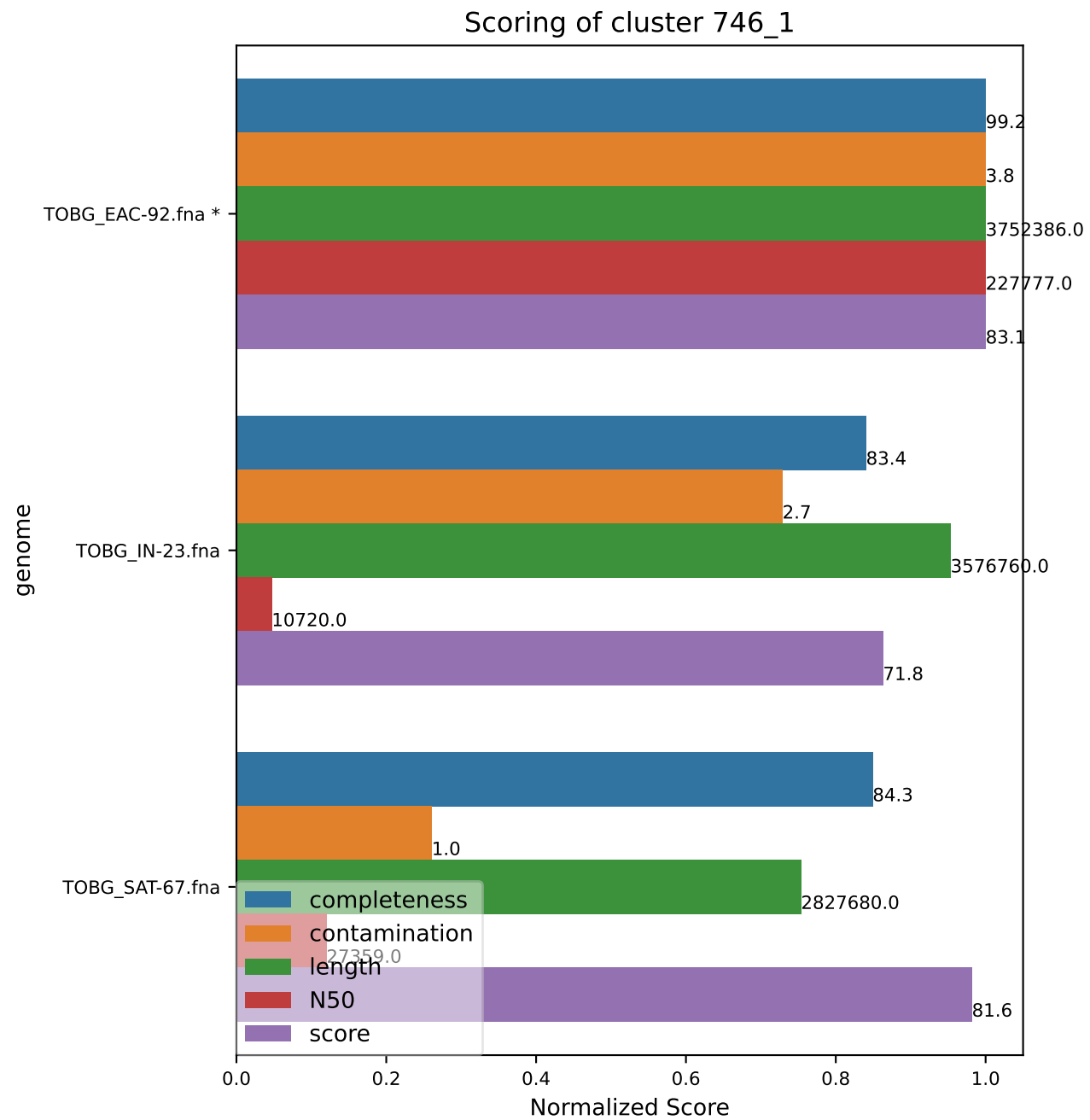


Scoring of cluster 744\_1

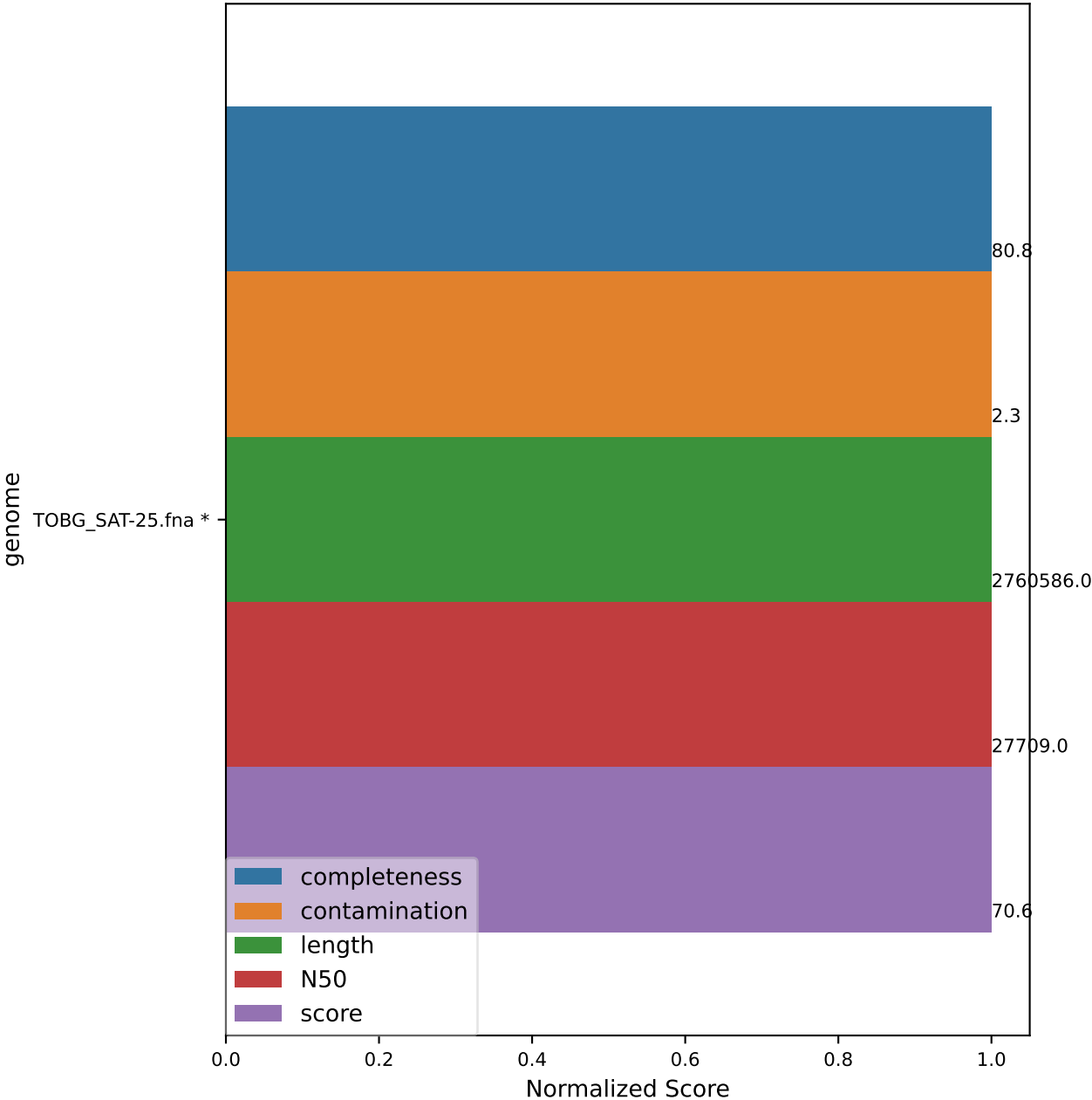


Scoring of cluster 745\_0





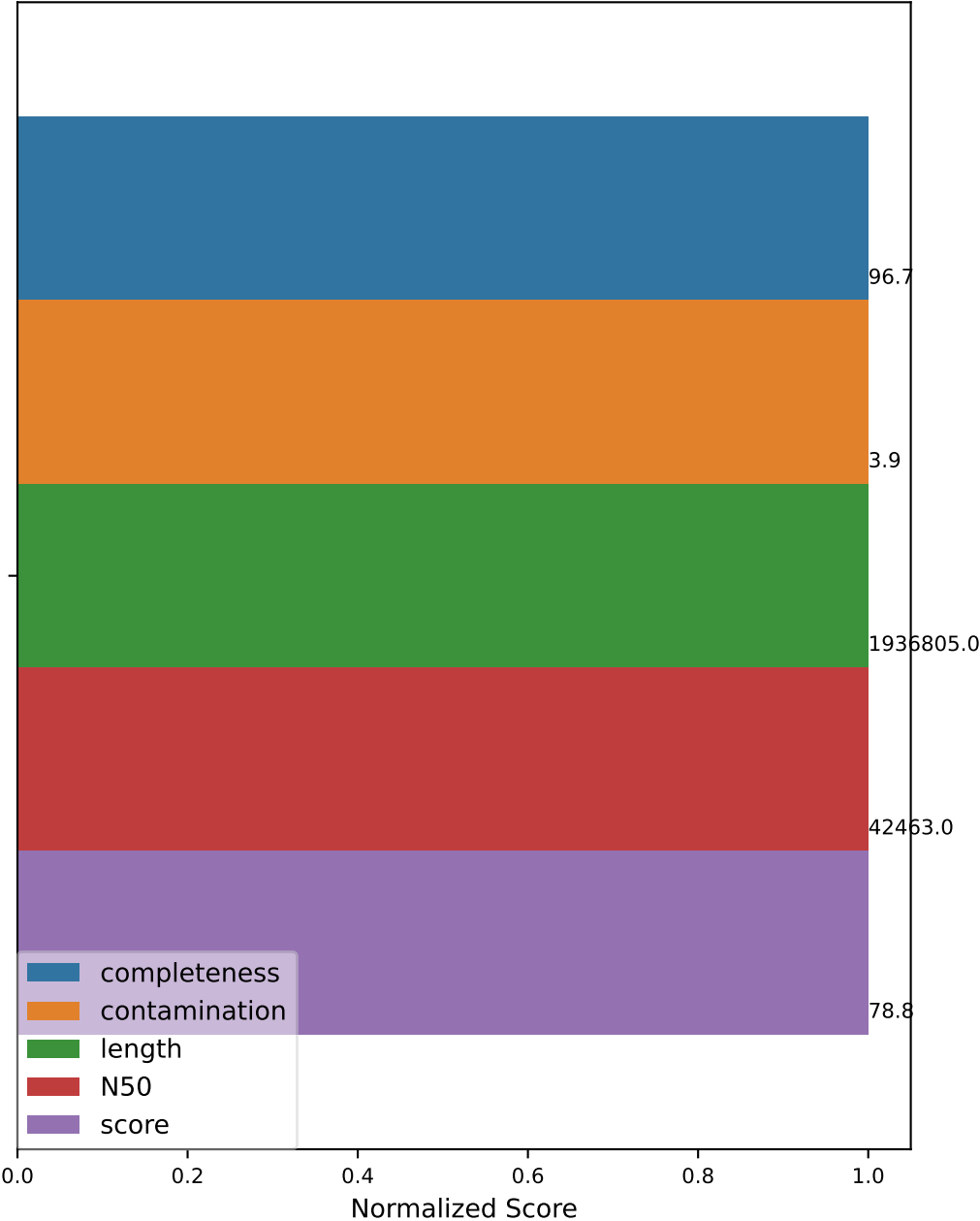
Scoring of cluster 747\_0



Scoring of cluster 748\_1

genome

TOBG\_MED-654.fna \*

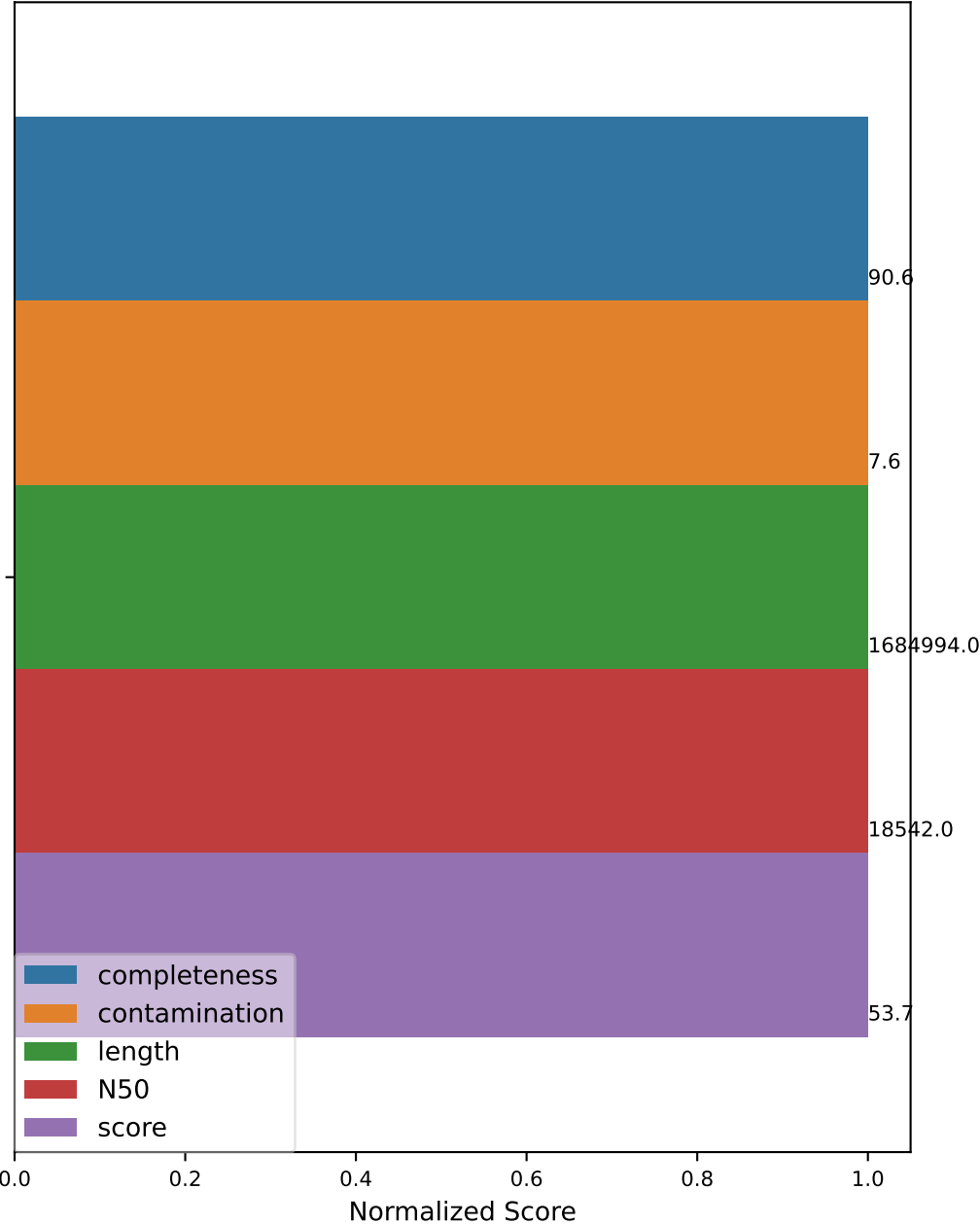




Scoring of cluster 748\_2

genome

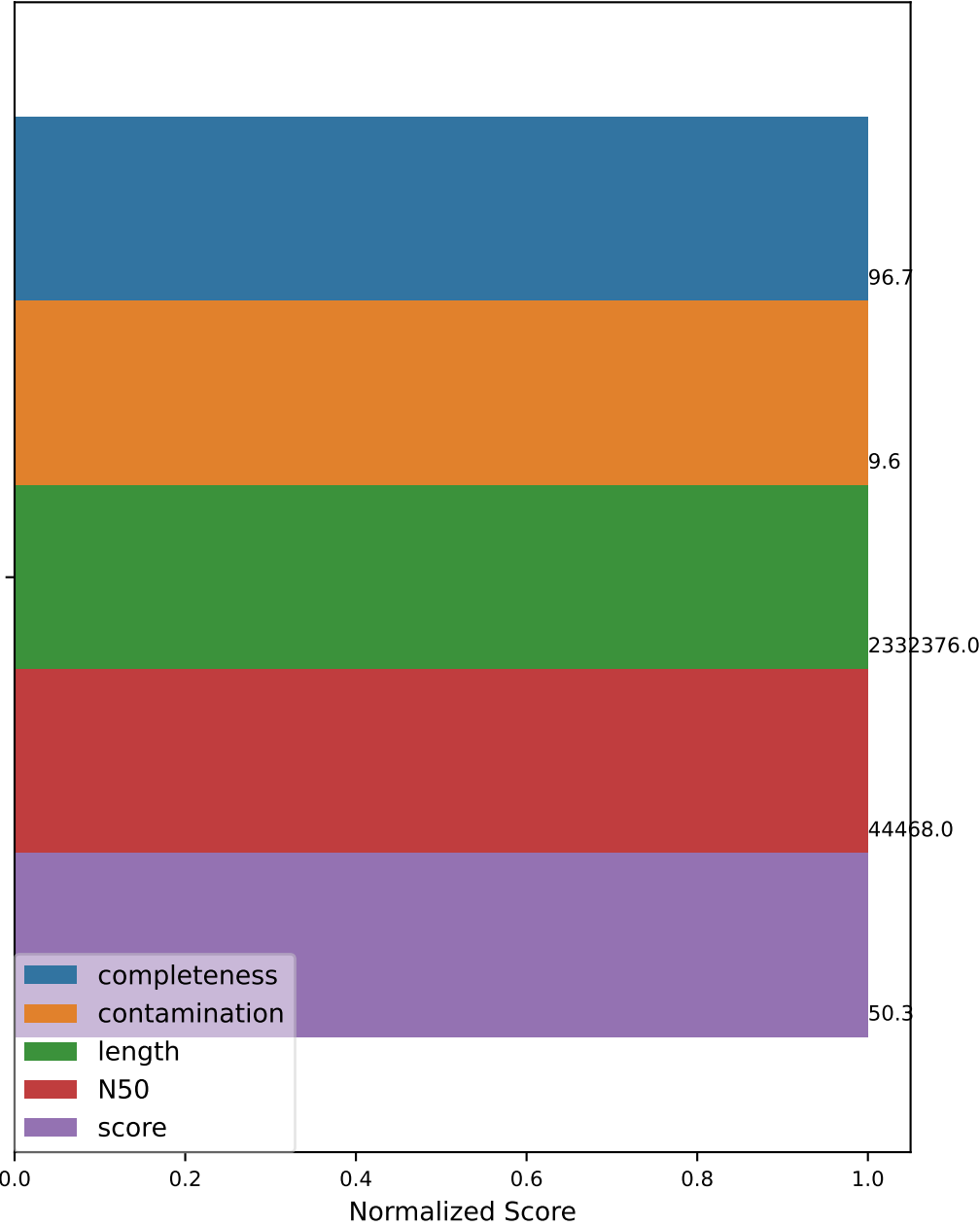
TOBG\_RS-438.fna \*

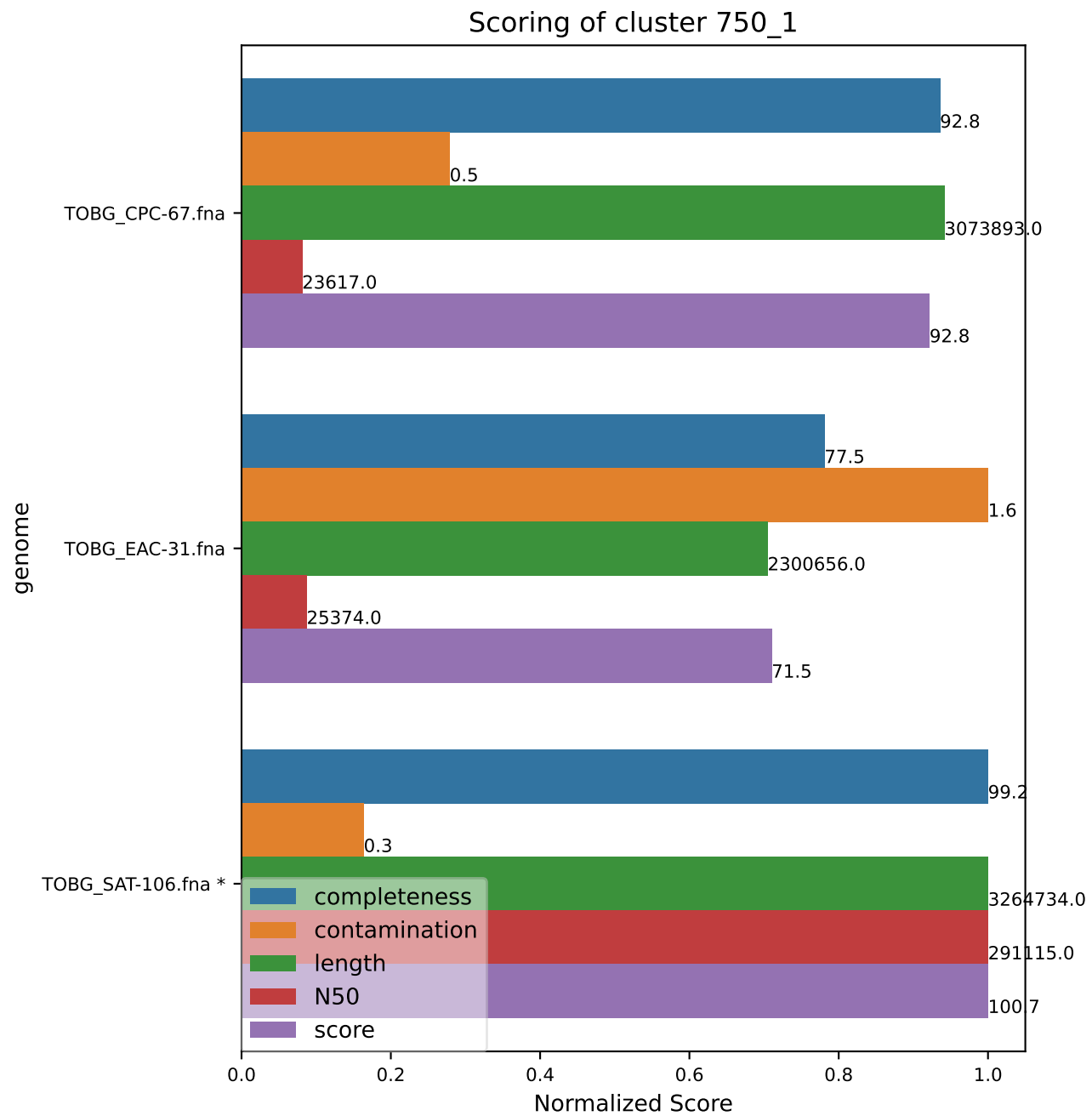


Scoring of cluster 749\_0

genome

TOBG\_NAT-41.fna \*

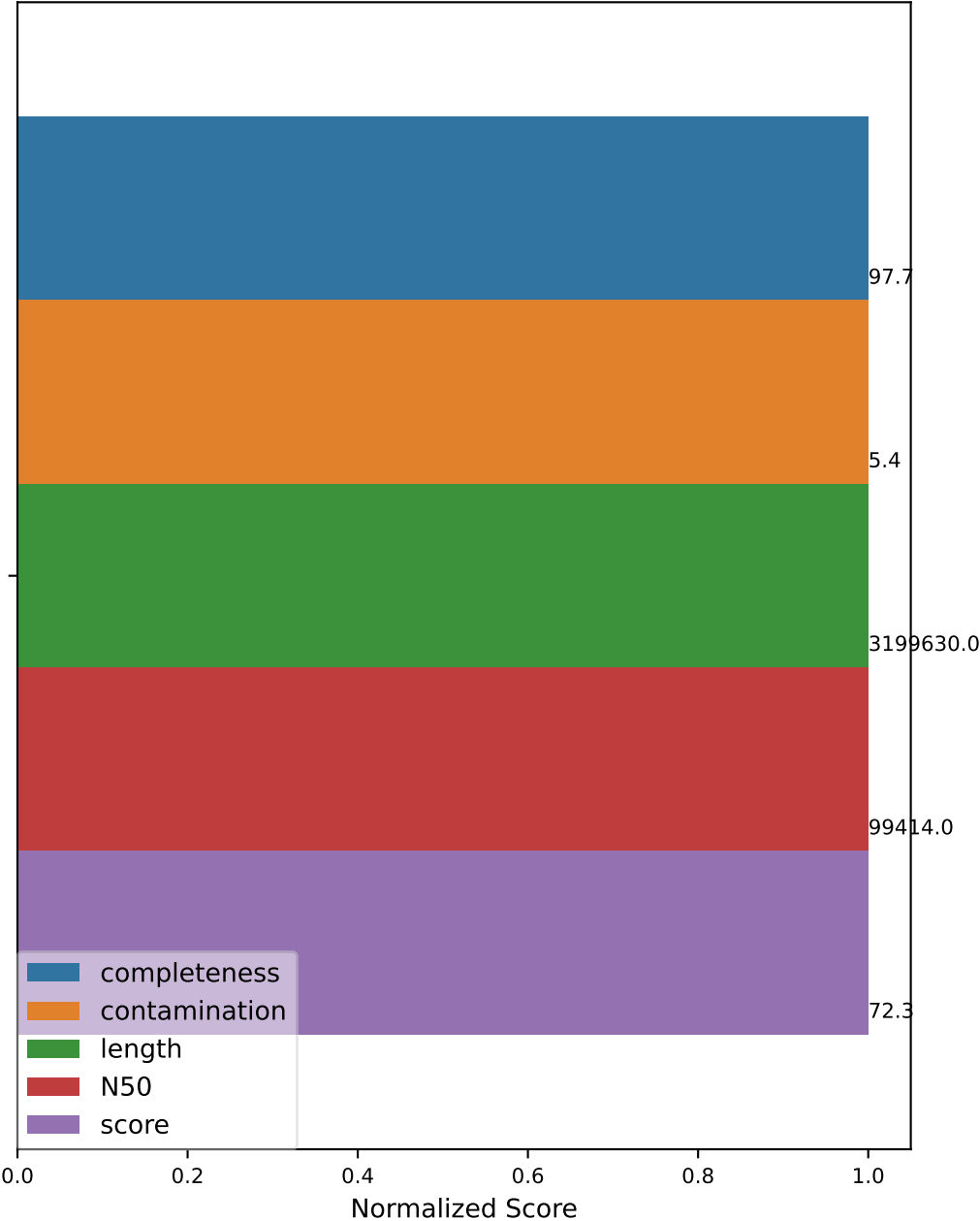




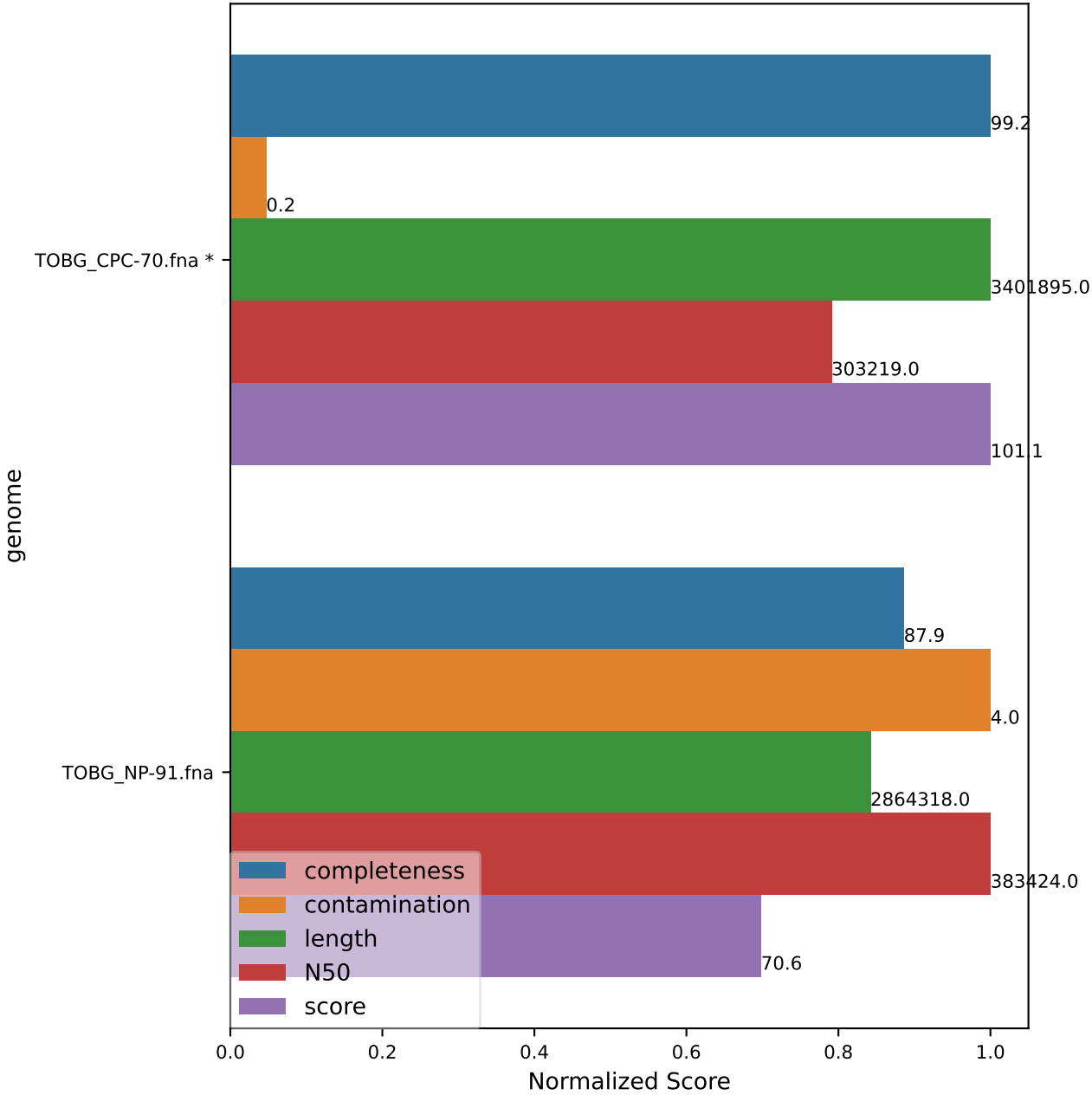
Scoring of cluster 750\_2

genome

TOBG\_NAT-5.fna \*



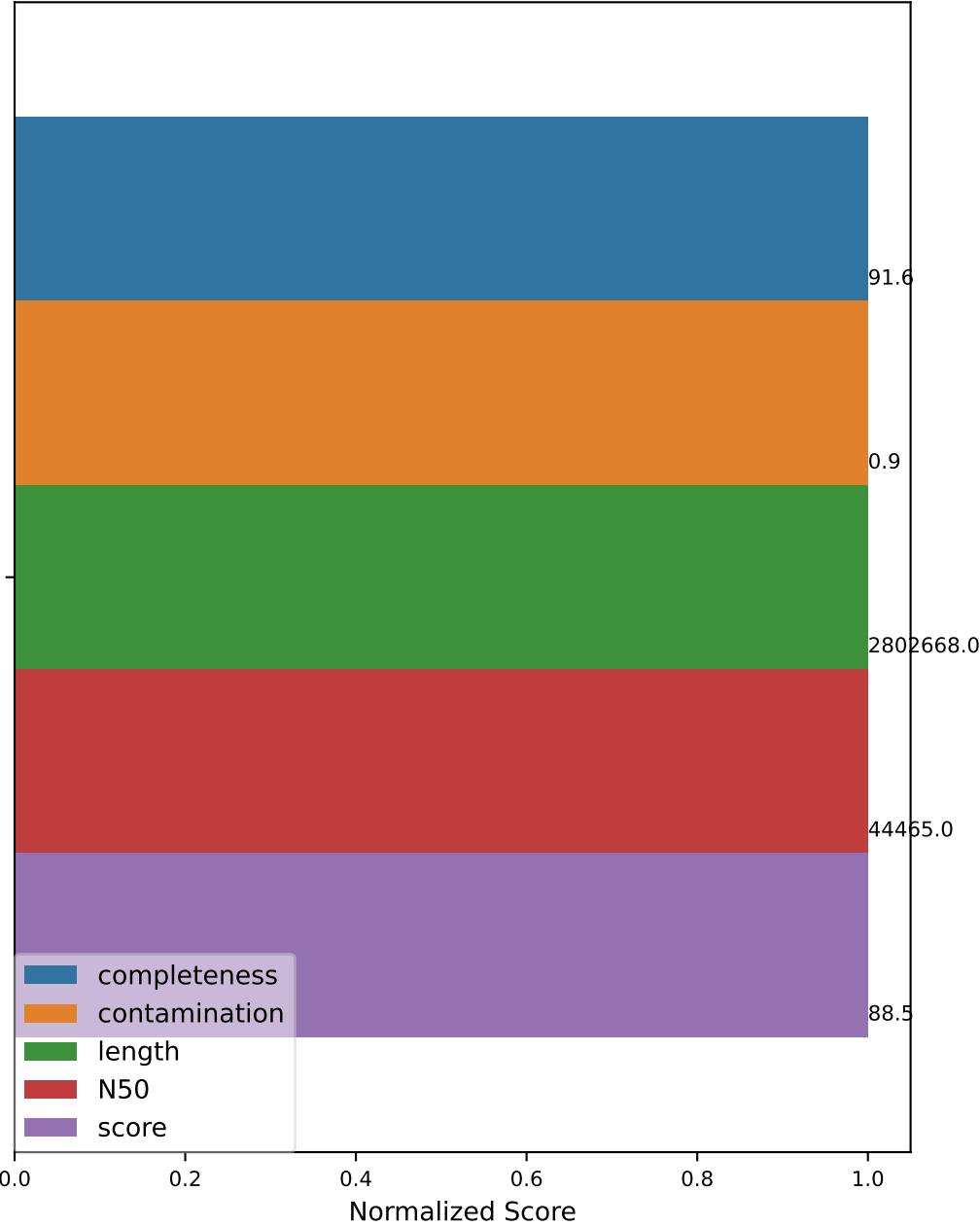
Scoring of cluster 751\_1



Scoring of cluster 751\_2

genome

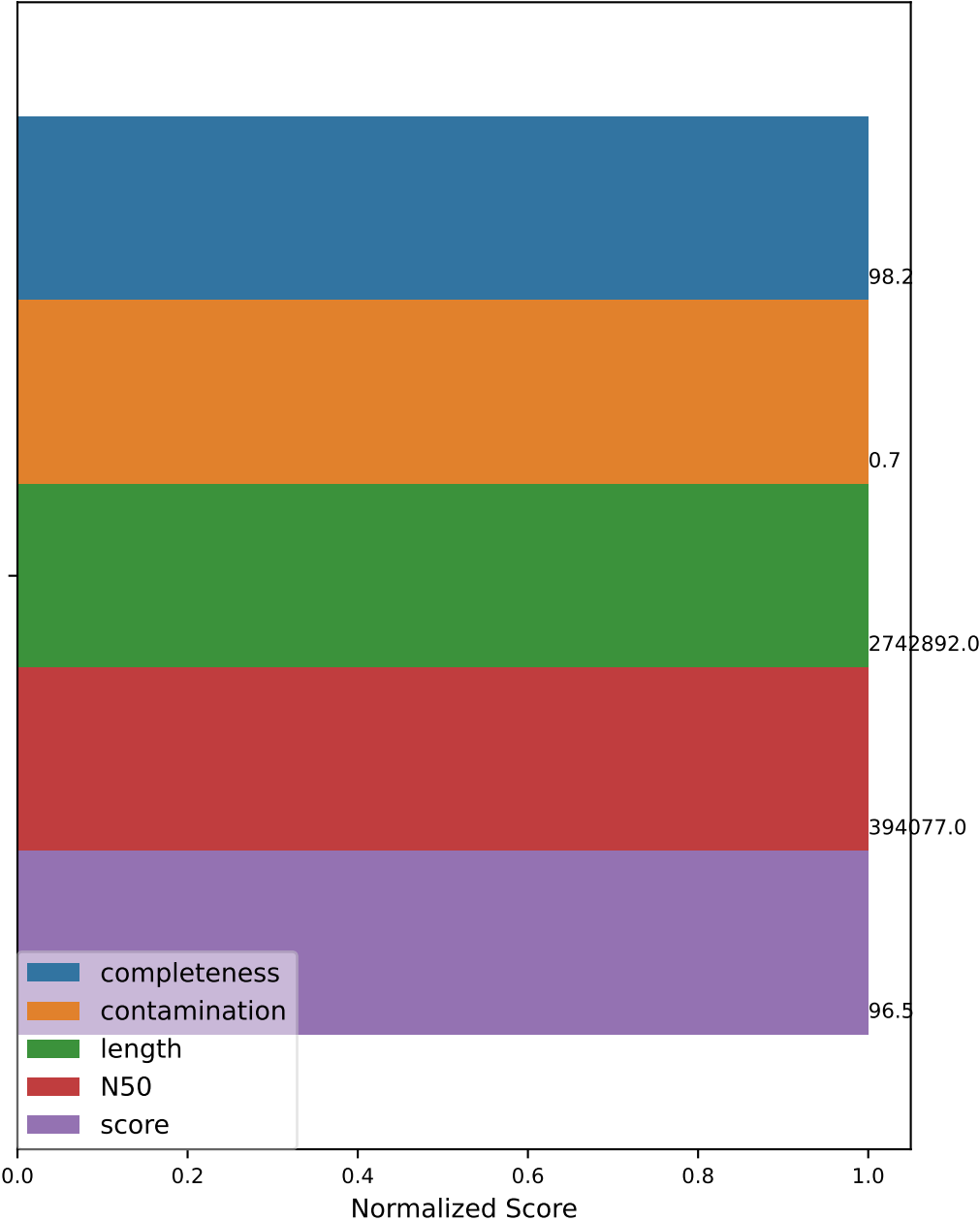
TOBG\_SP-75.fna \*



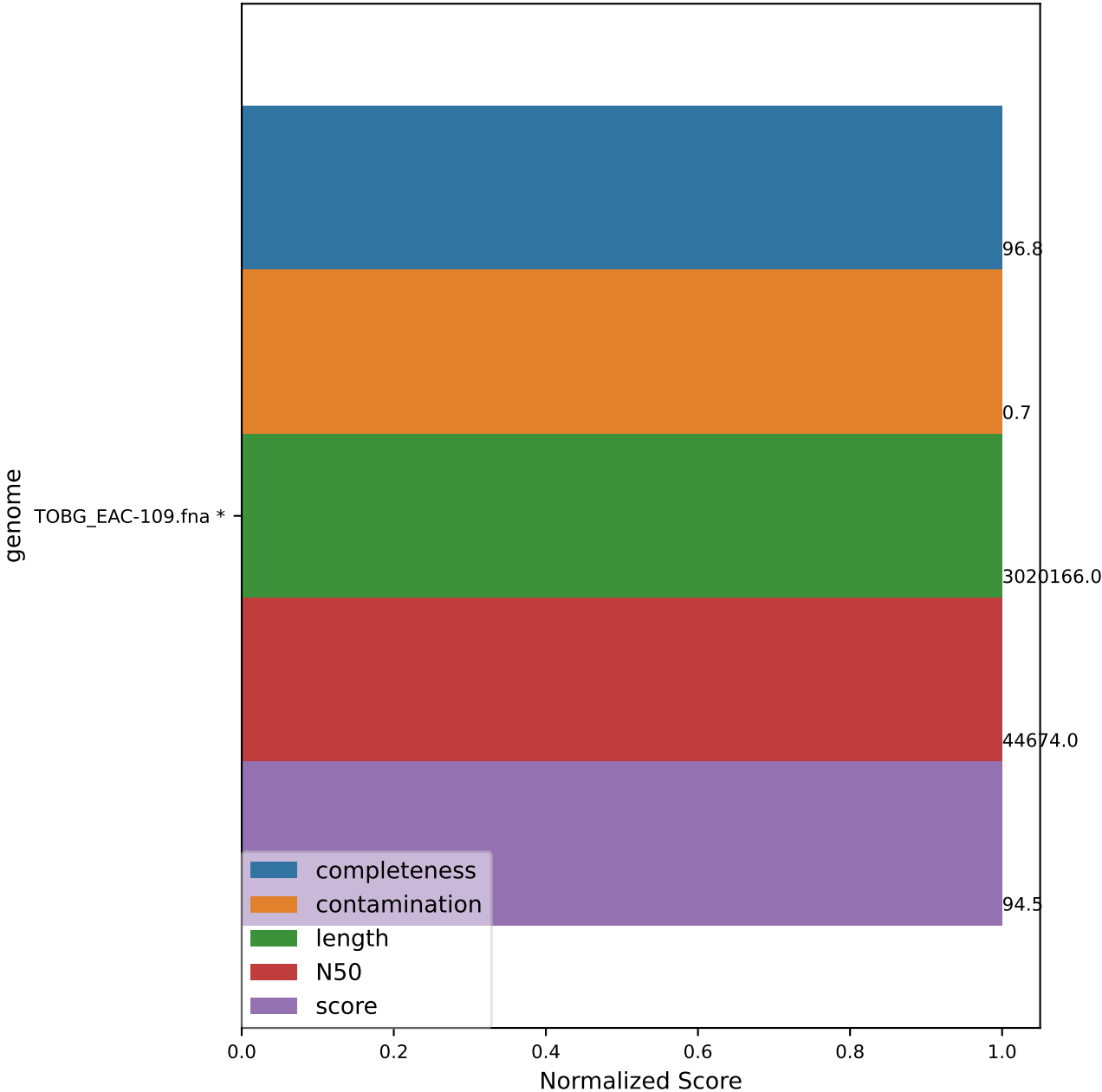
Scoring of cluster 752\_0

genome

TOBG\_EAC-108.fna \*



Scoring of cluster 753\_0

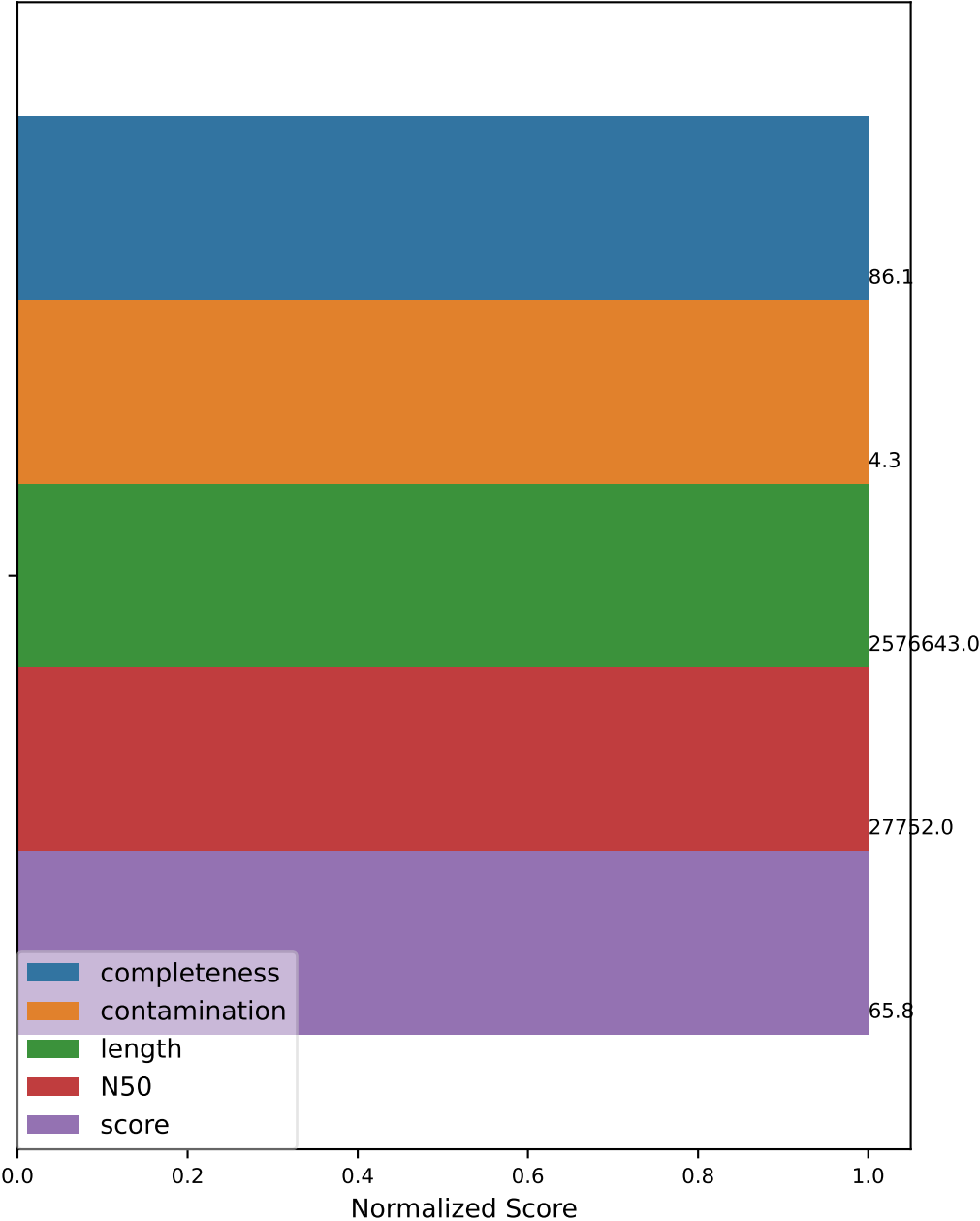




Scoring of cluster 754\_0

genome

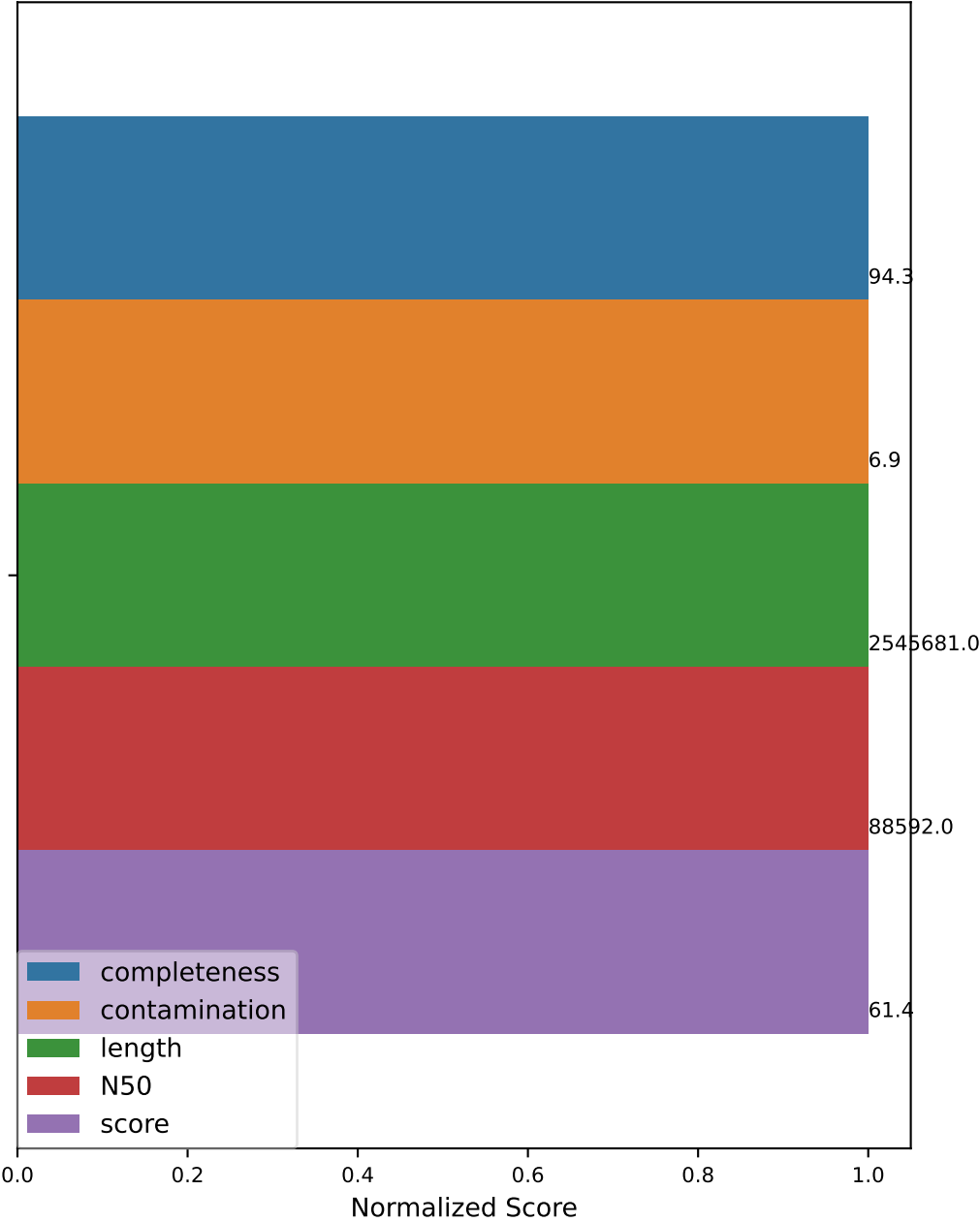
TOBG\_EAC-46.fna \*



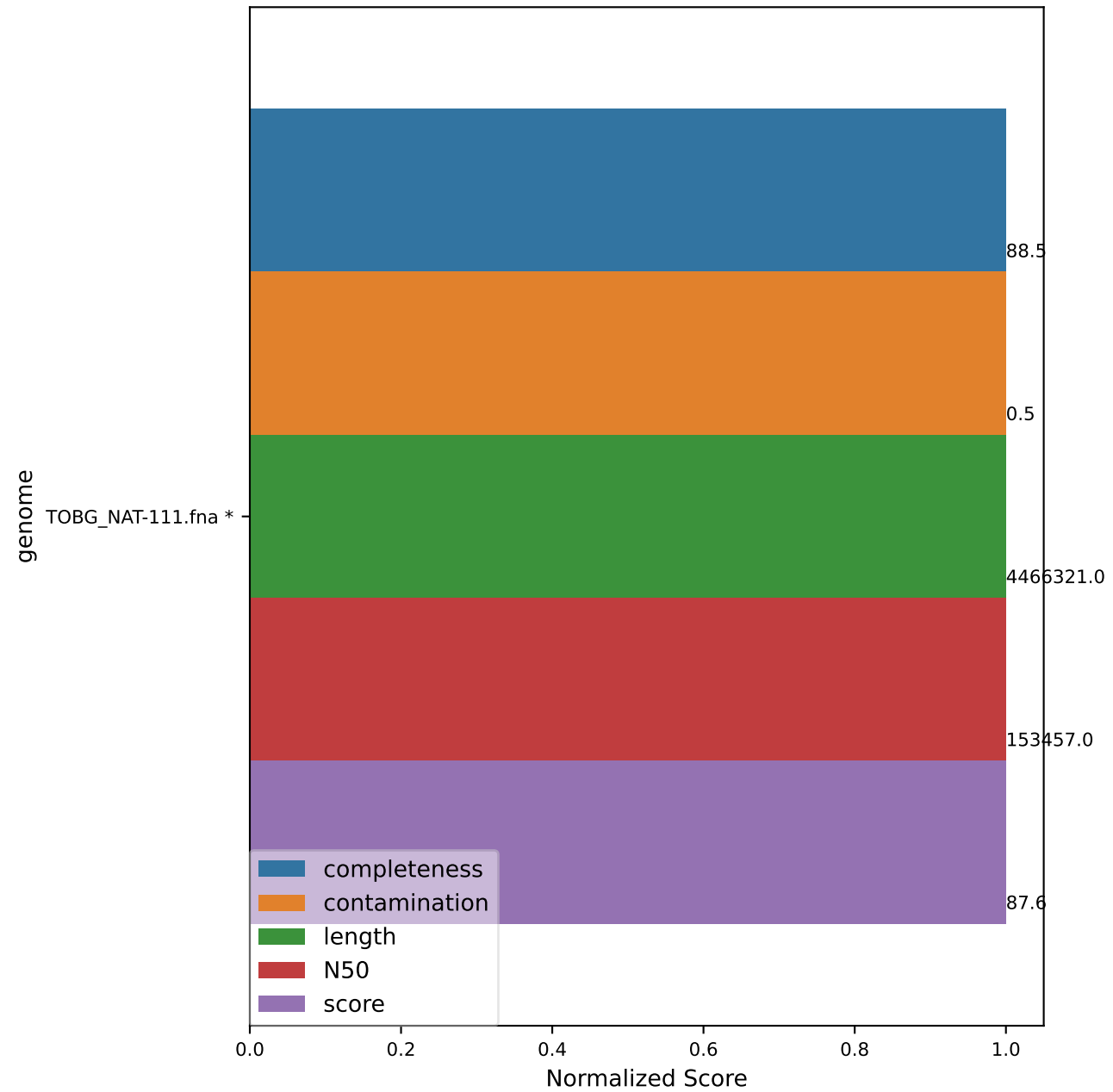
Scoring of cluster 755\_0

genome

TOBG\_SAT-1509.fna \*



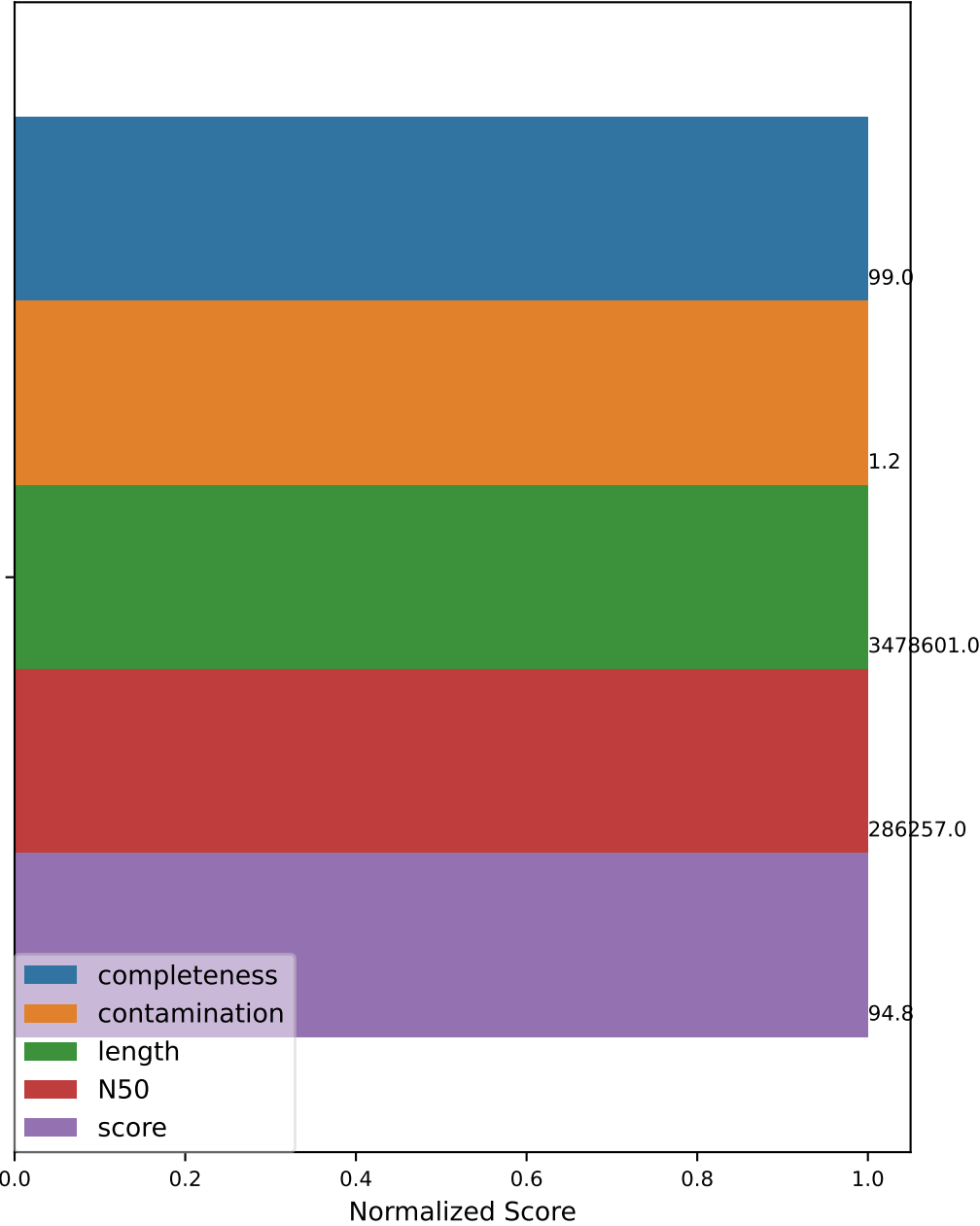
Scoring of cluster 756\_0



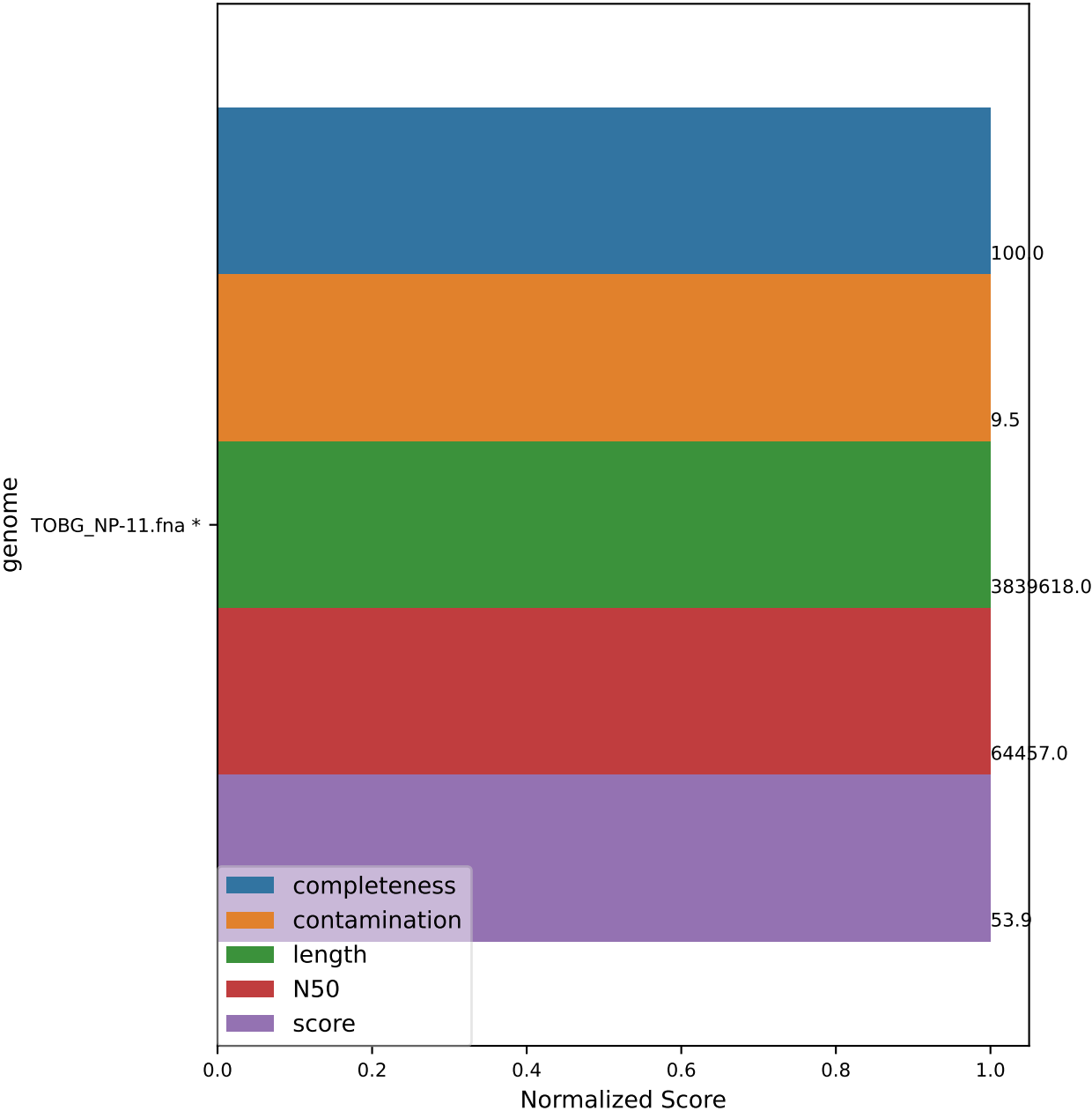
Scoring of cluster 757\_0

genome

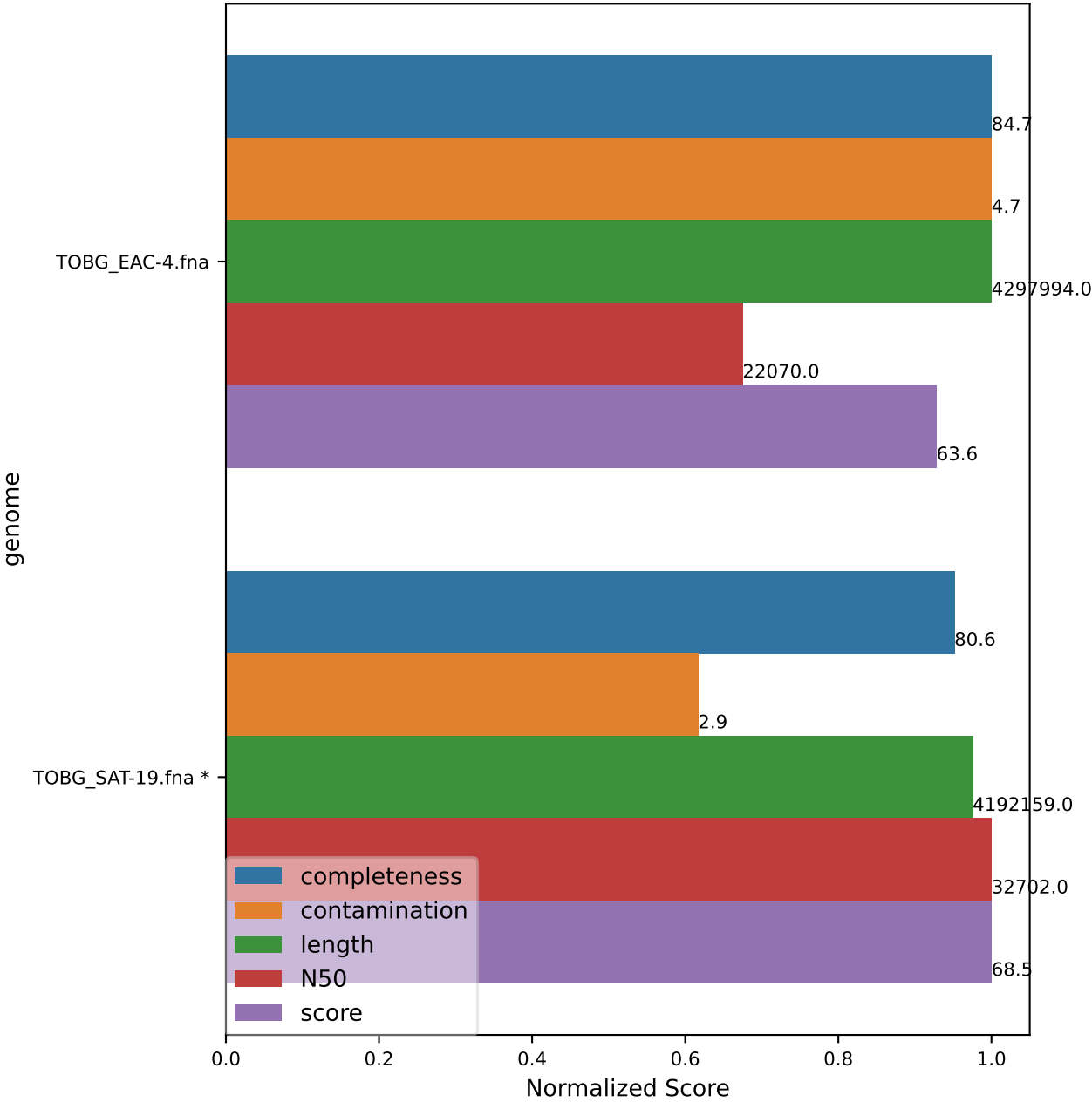
TOBG\_SP-11.fna \*



Scoring of cluster 758\_0



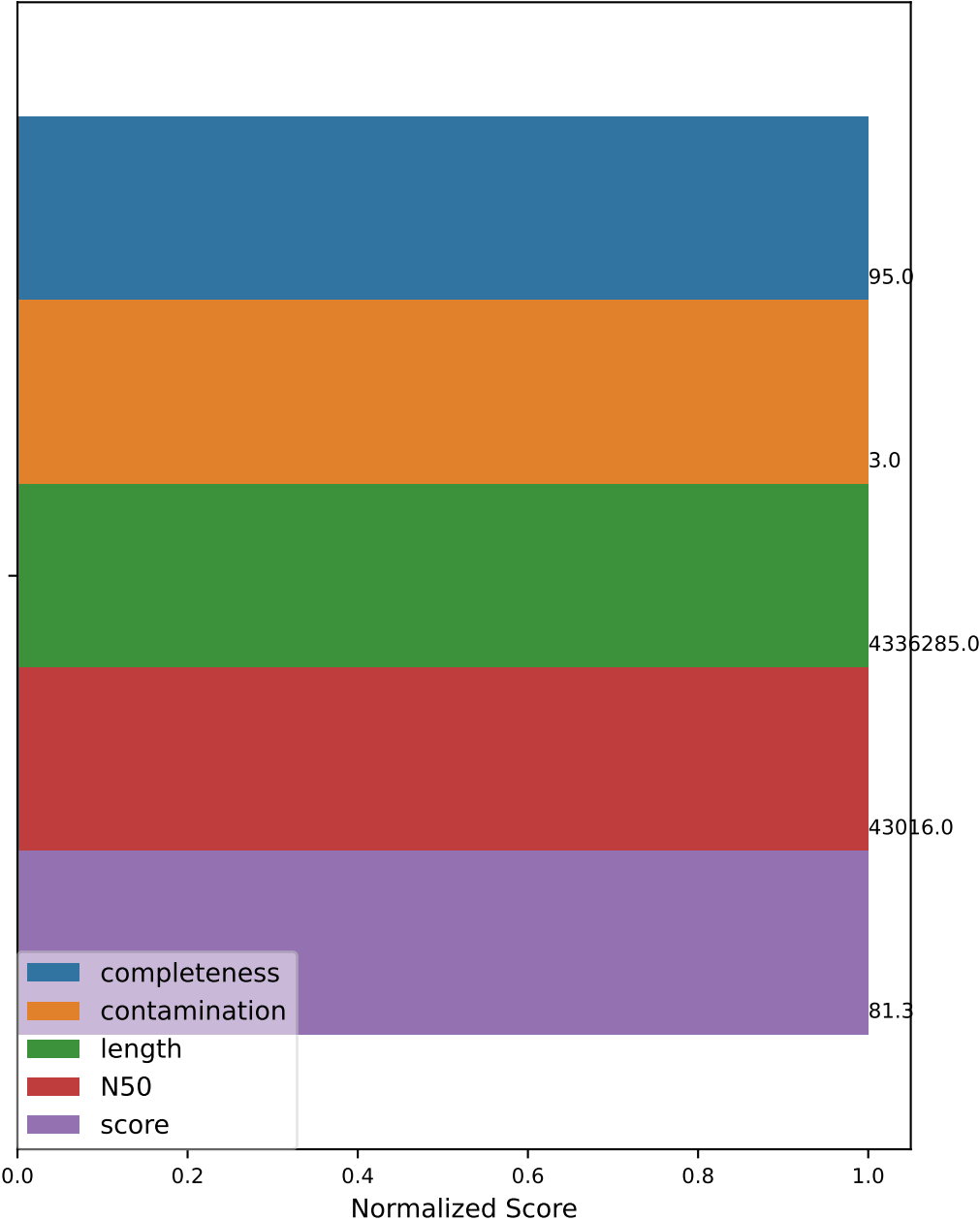
Scoring of cluster 759\_1



Scoring of cluster 760\_0

genome

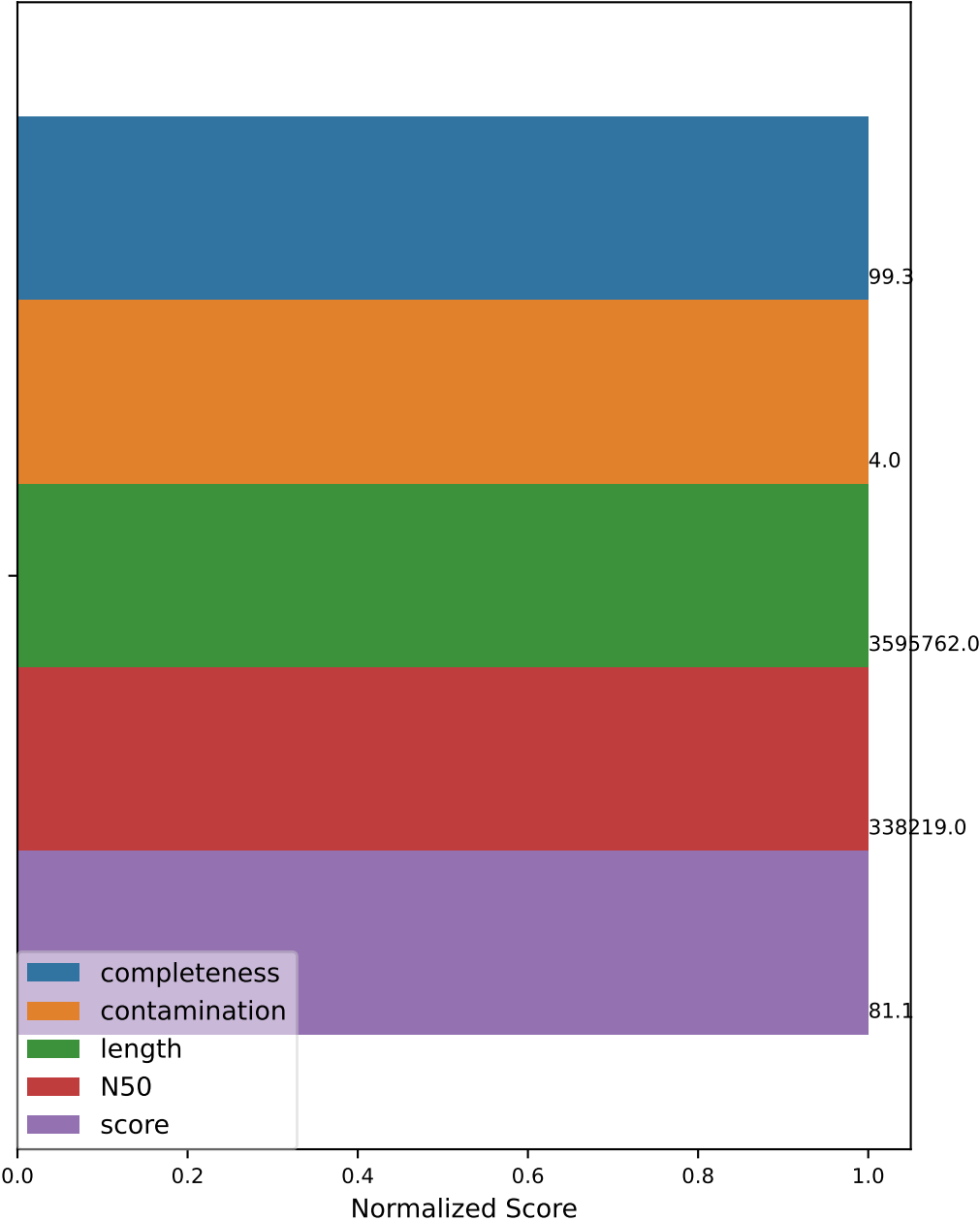
TOBG\_MED-588.fna \*



Scoring of cluster 761\_0

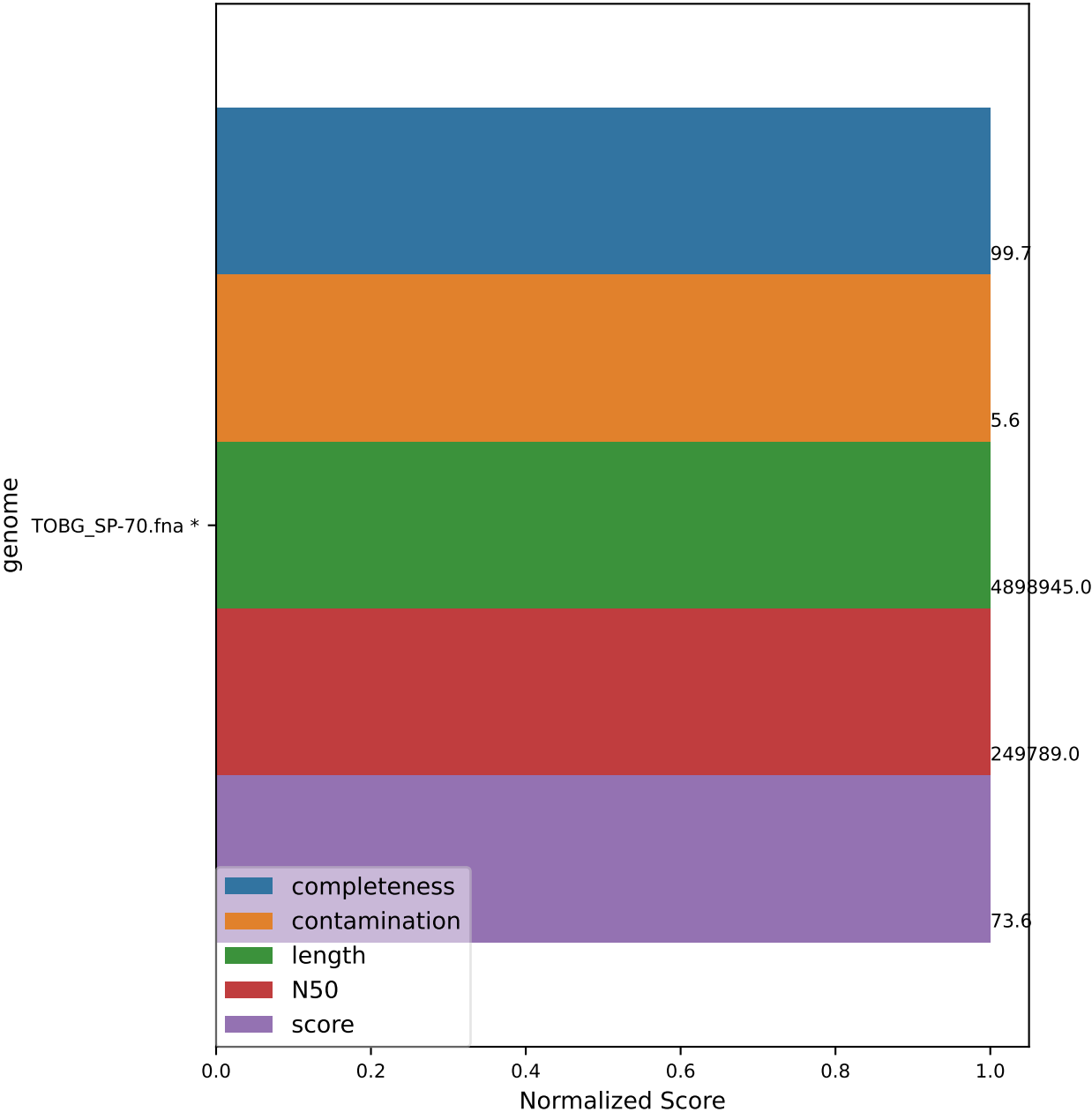
genome

TOBG\_SAT-130.fna \*





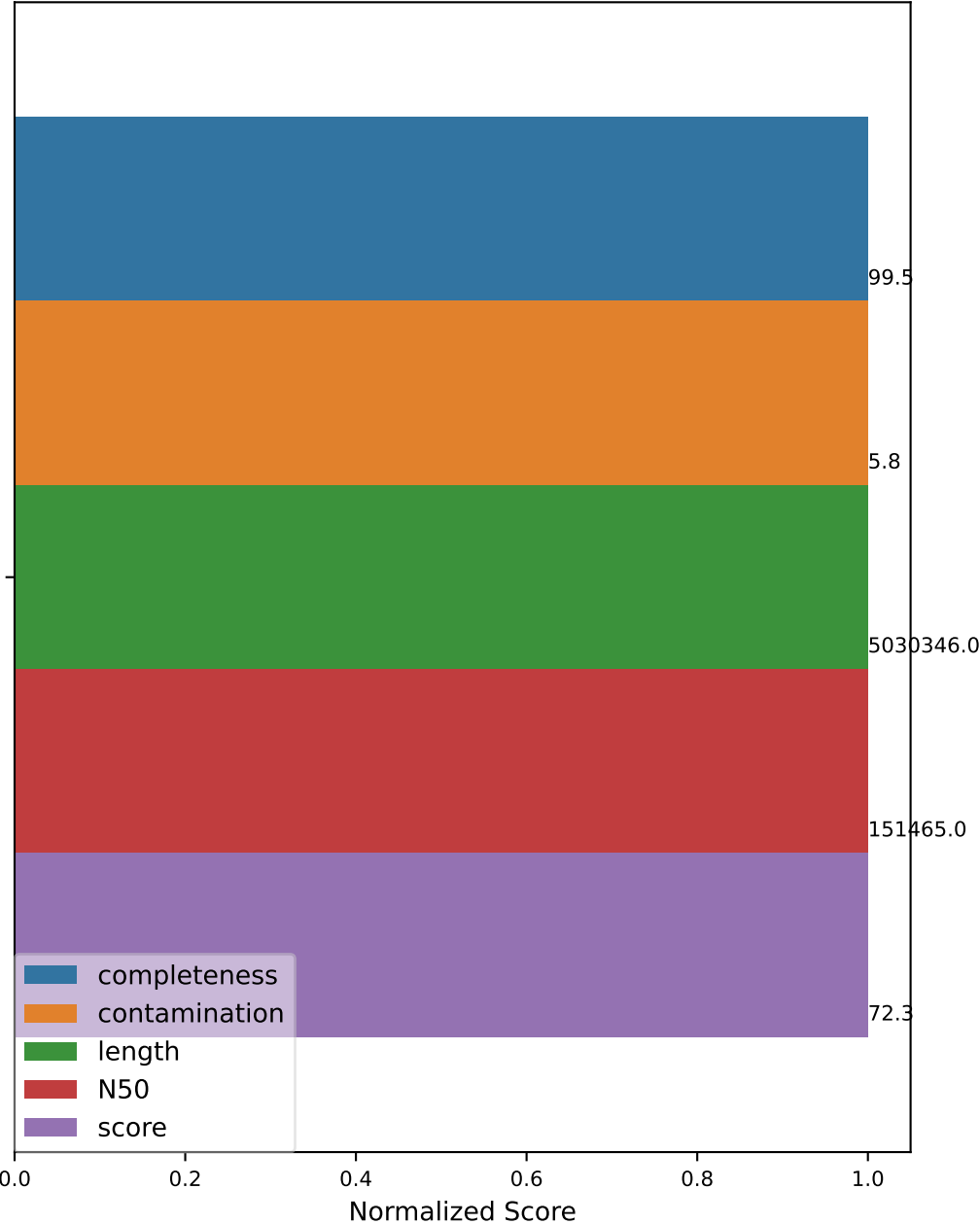
Scoring of cluster 762\_0



Scoring of cluster 763\_0

genome

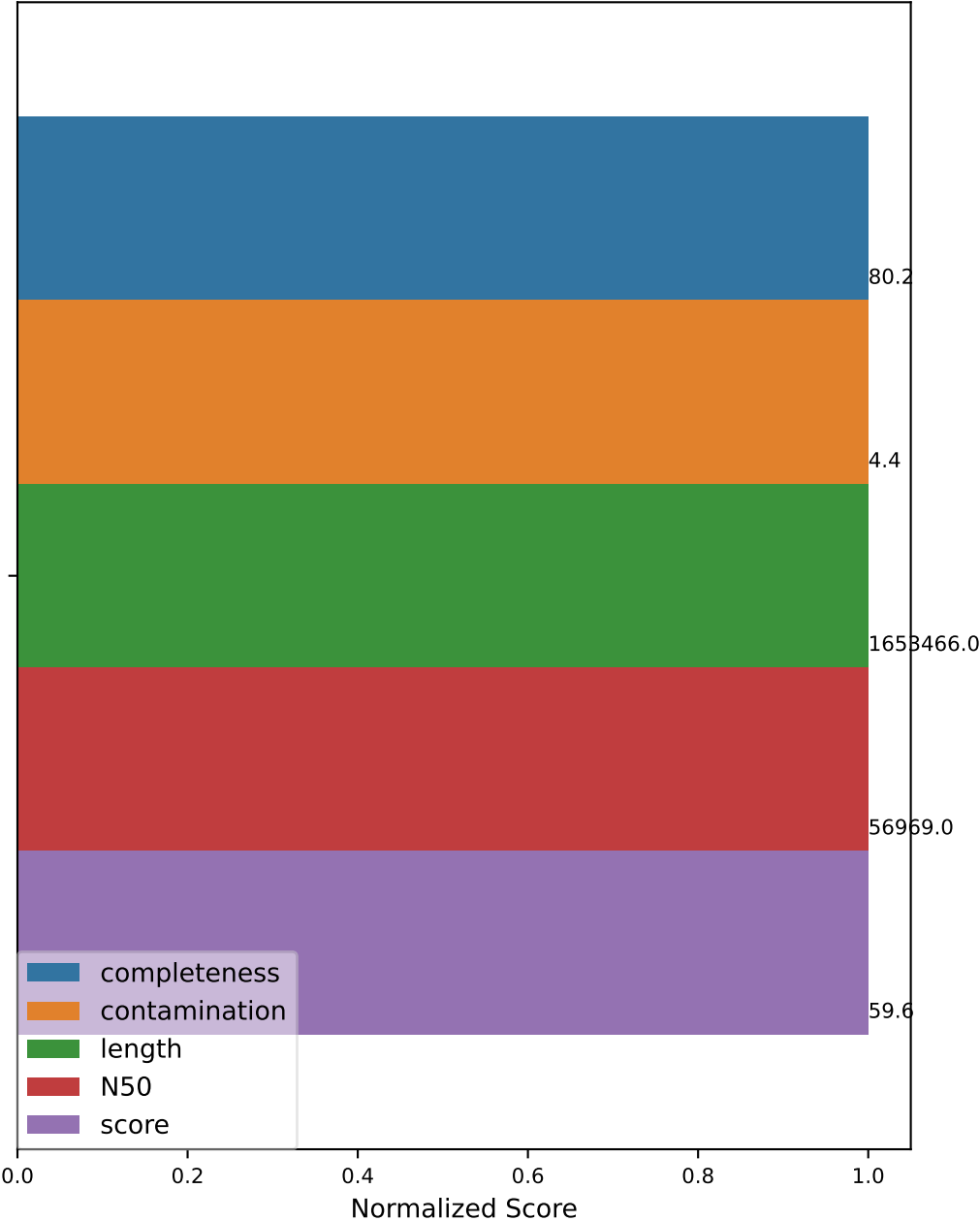
TOBG\_SAT-141.fna \*



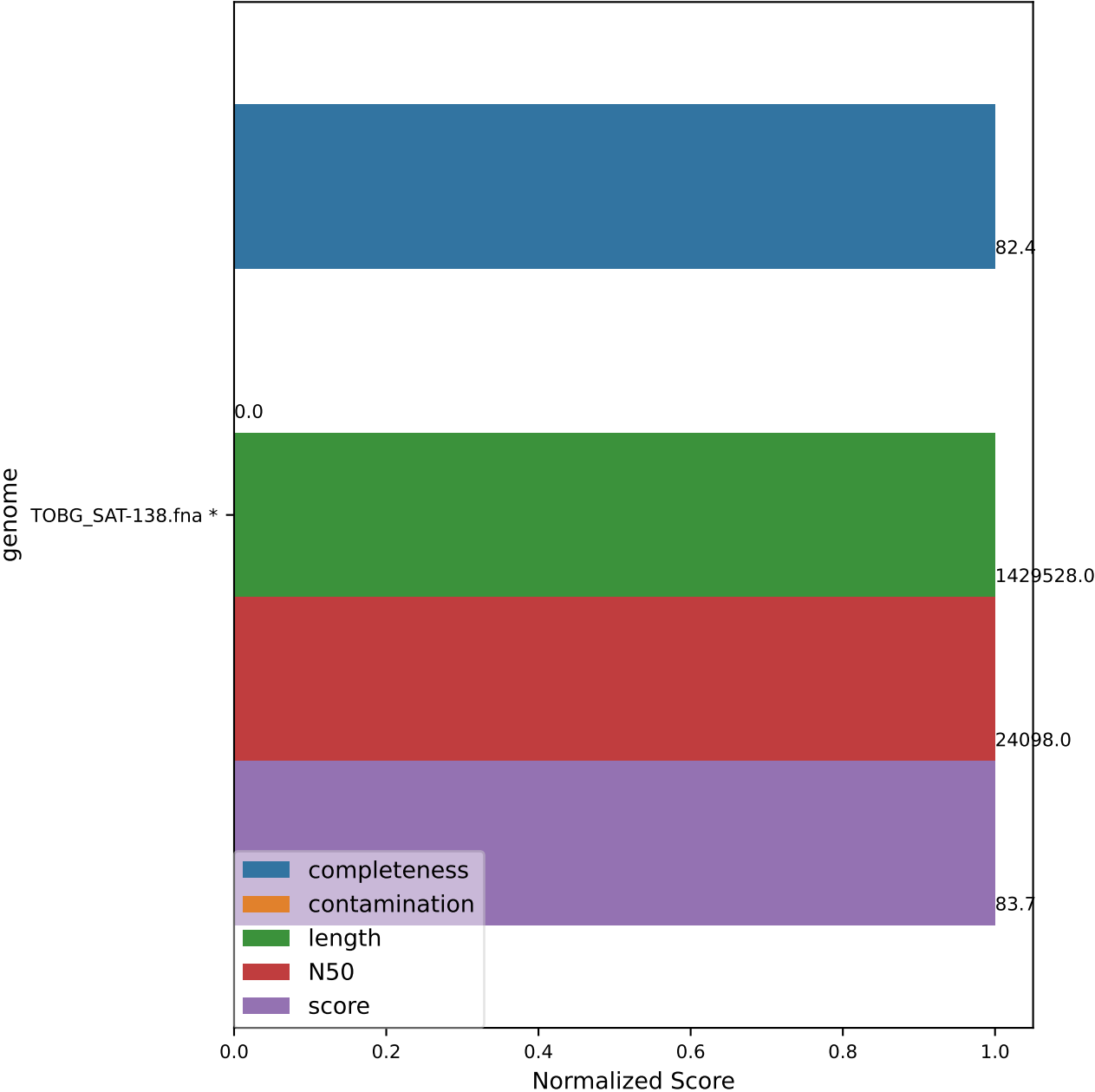
Scoring of cluster 764\_0

genome

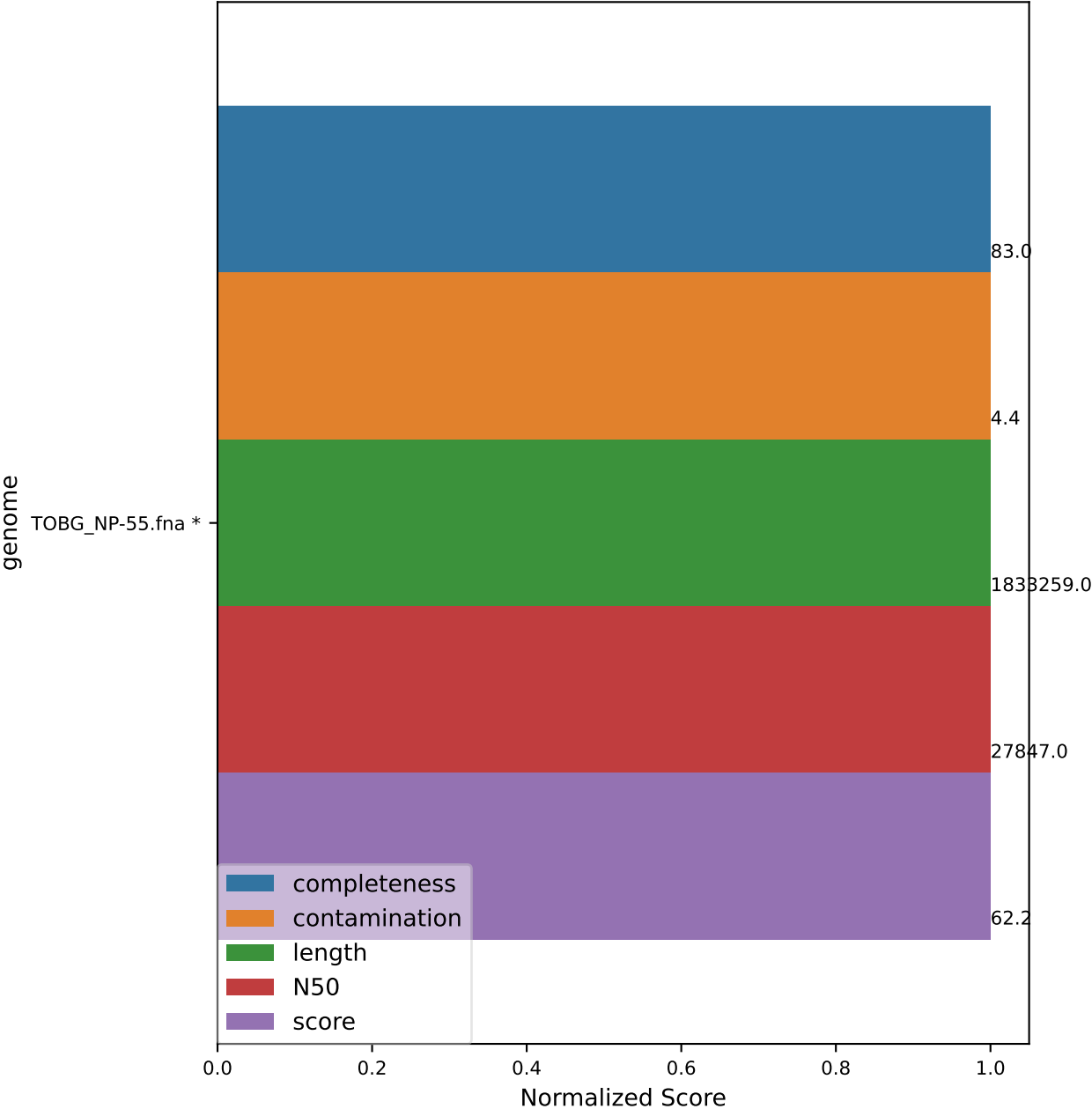
TOBG\_ARS-95.fna \*



Scoring of cluster 765\_0



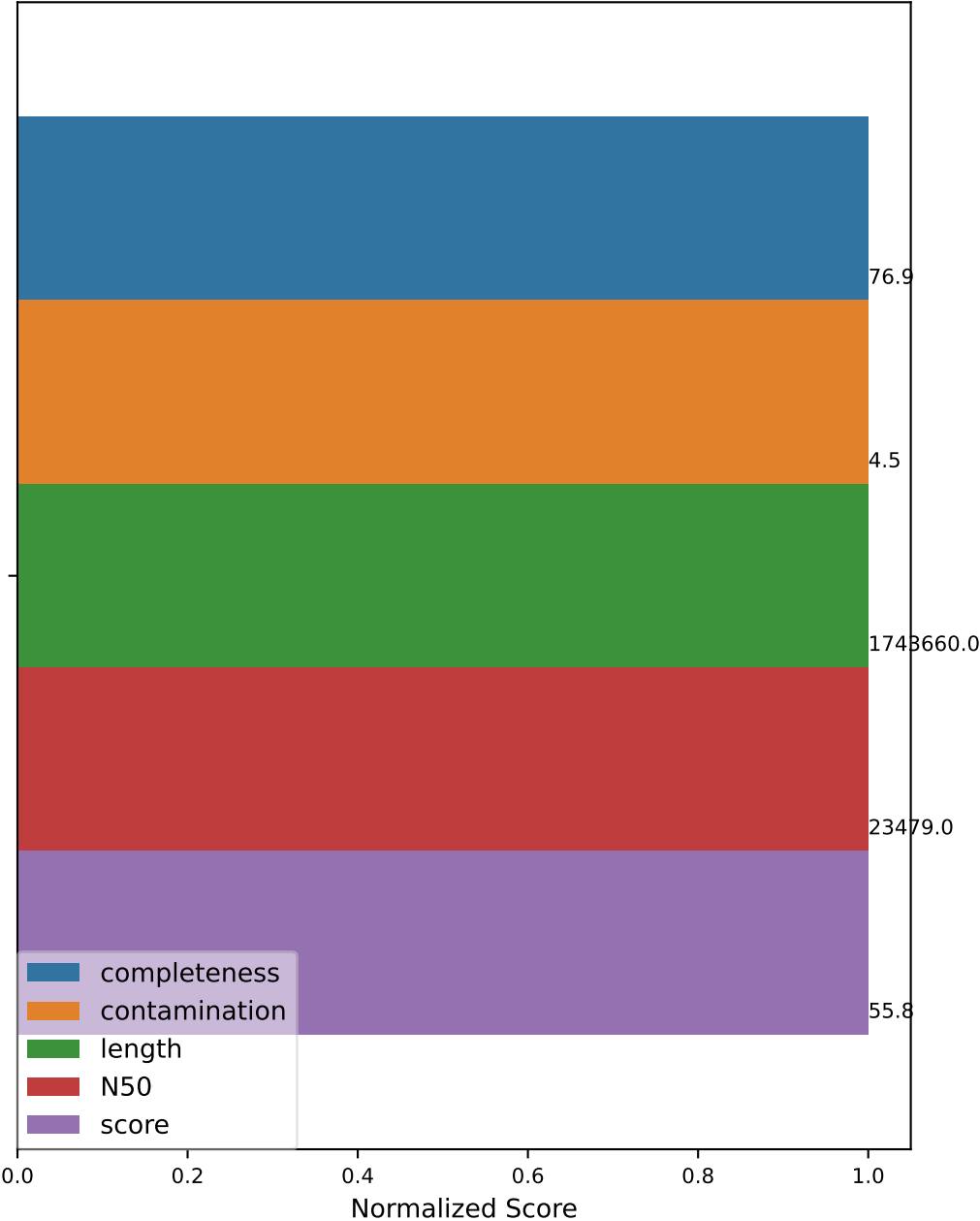
Scoring of cluster 766\_0



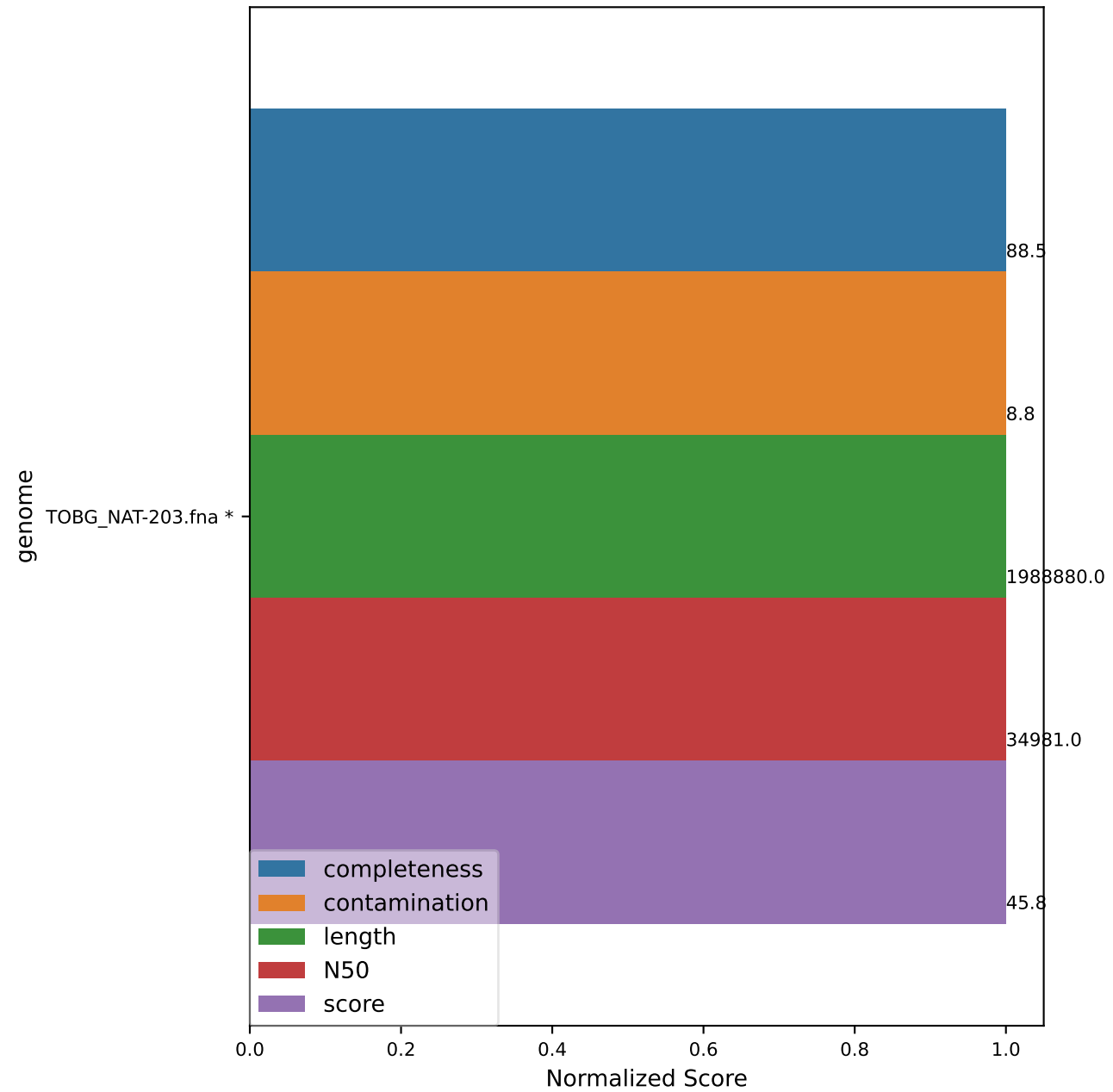
Scoring of cluster 767\_0

genome

TOBG\_NP-932.fna \*



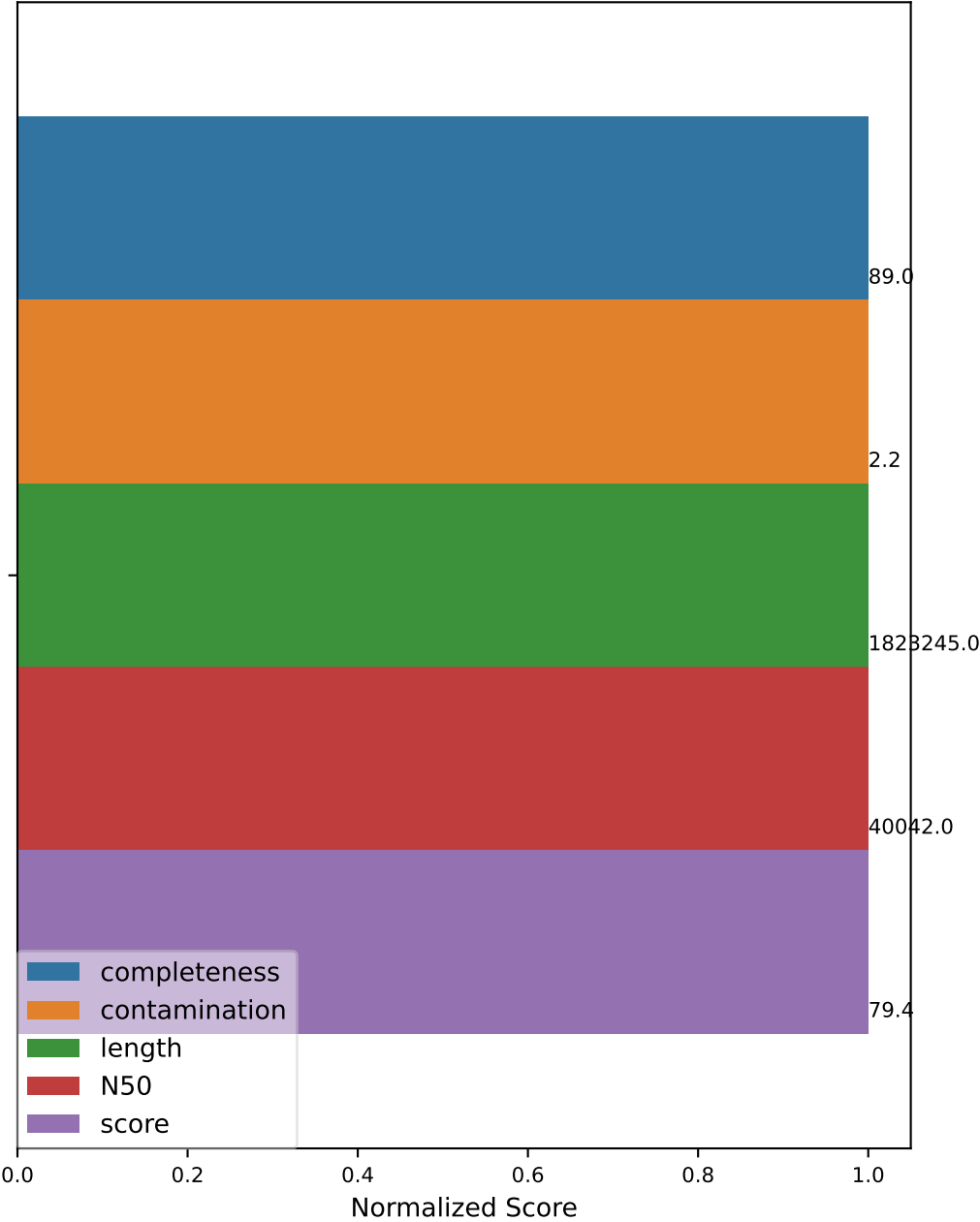
Scoring of cluster 768\_0



Scoring of cluster 769\_0

genome

TOBG\_NAT-422.fna \*

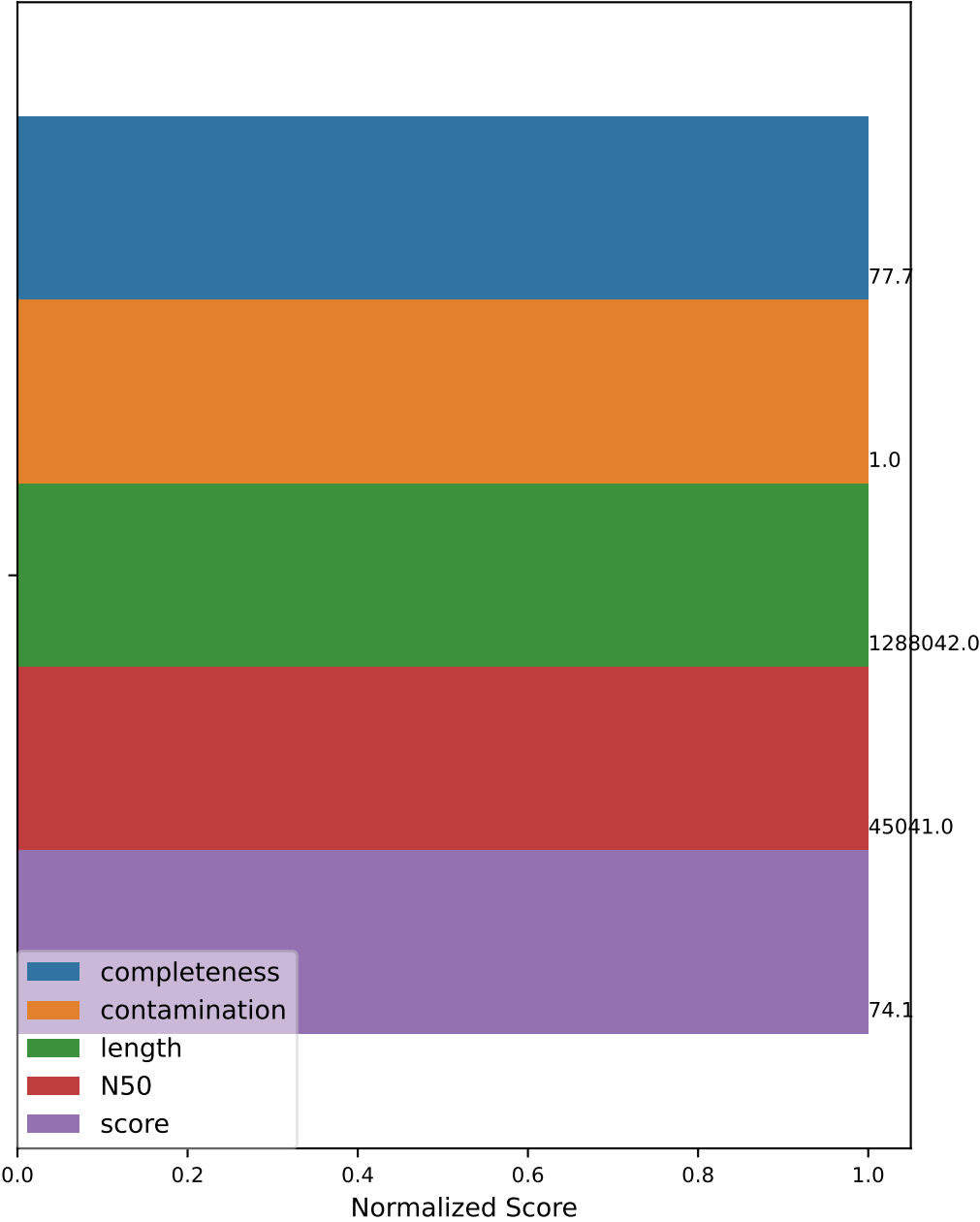




Scoring of cluster 770\_0

genome

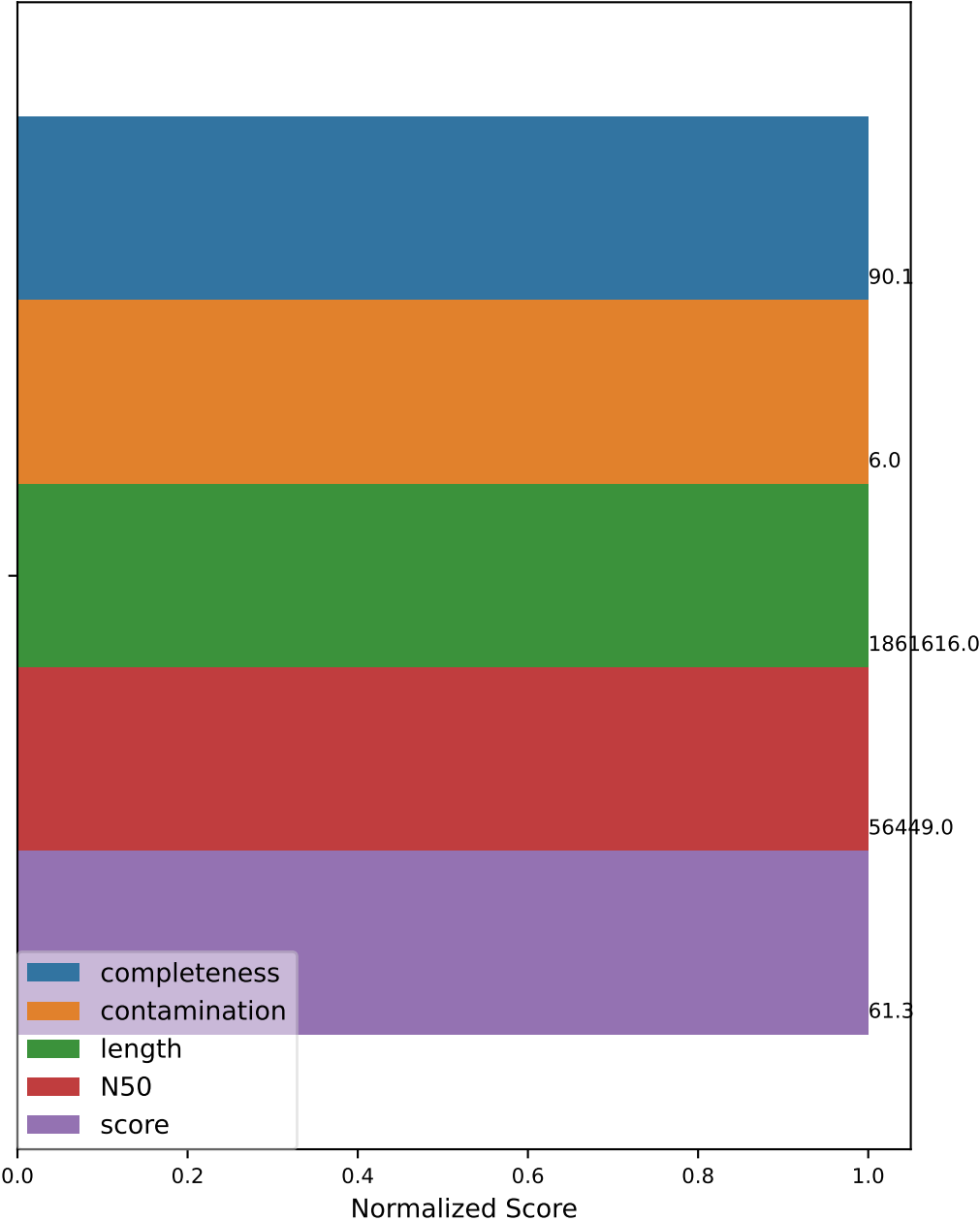
TOBG\_SAT-154.fna \*



Scoring of cluster 771\_0

genome

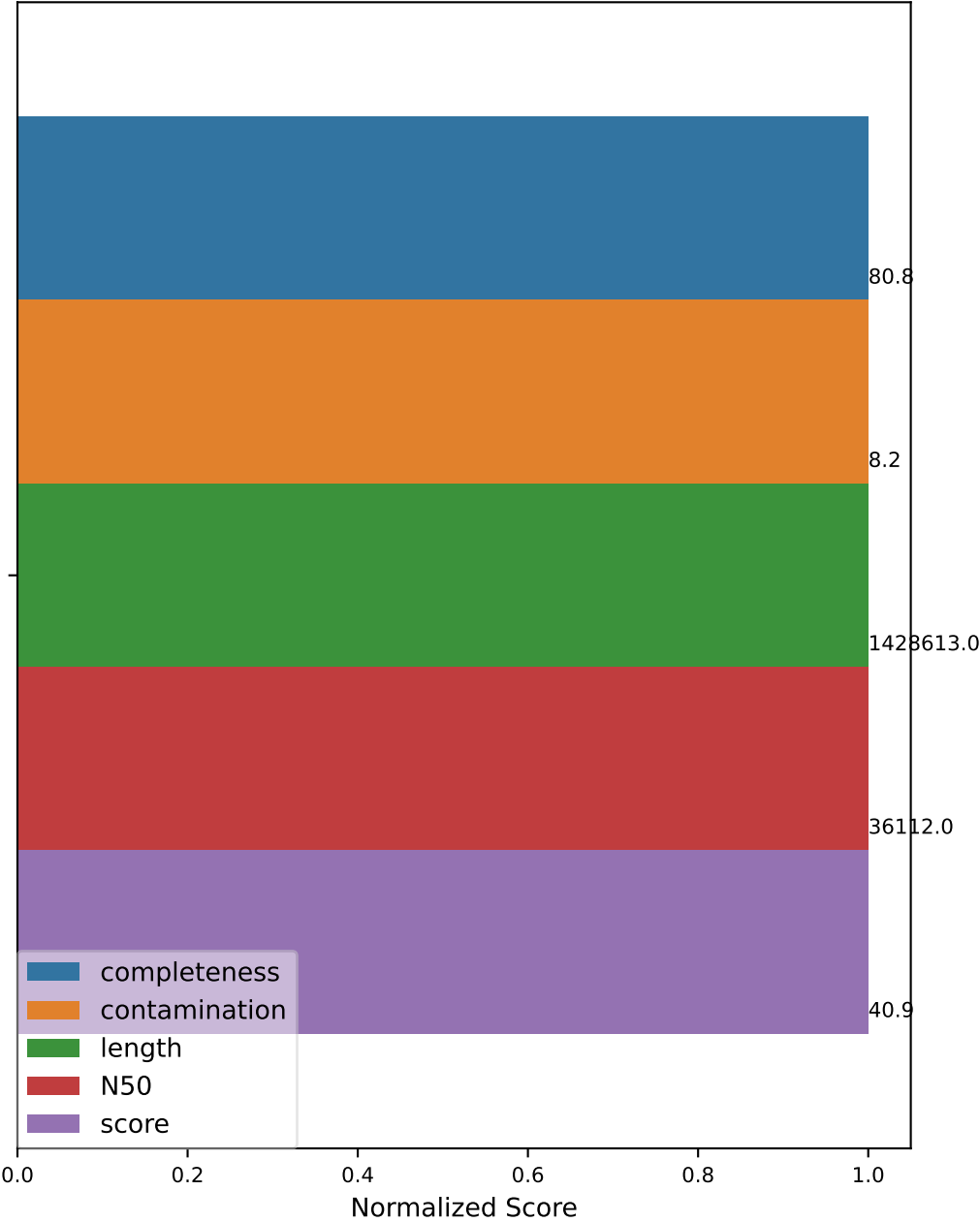
TOBG\_MED-1105.fna \*



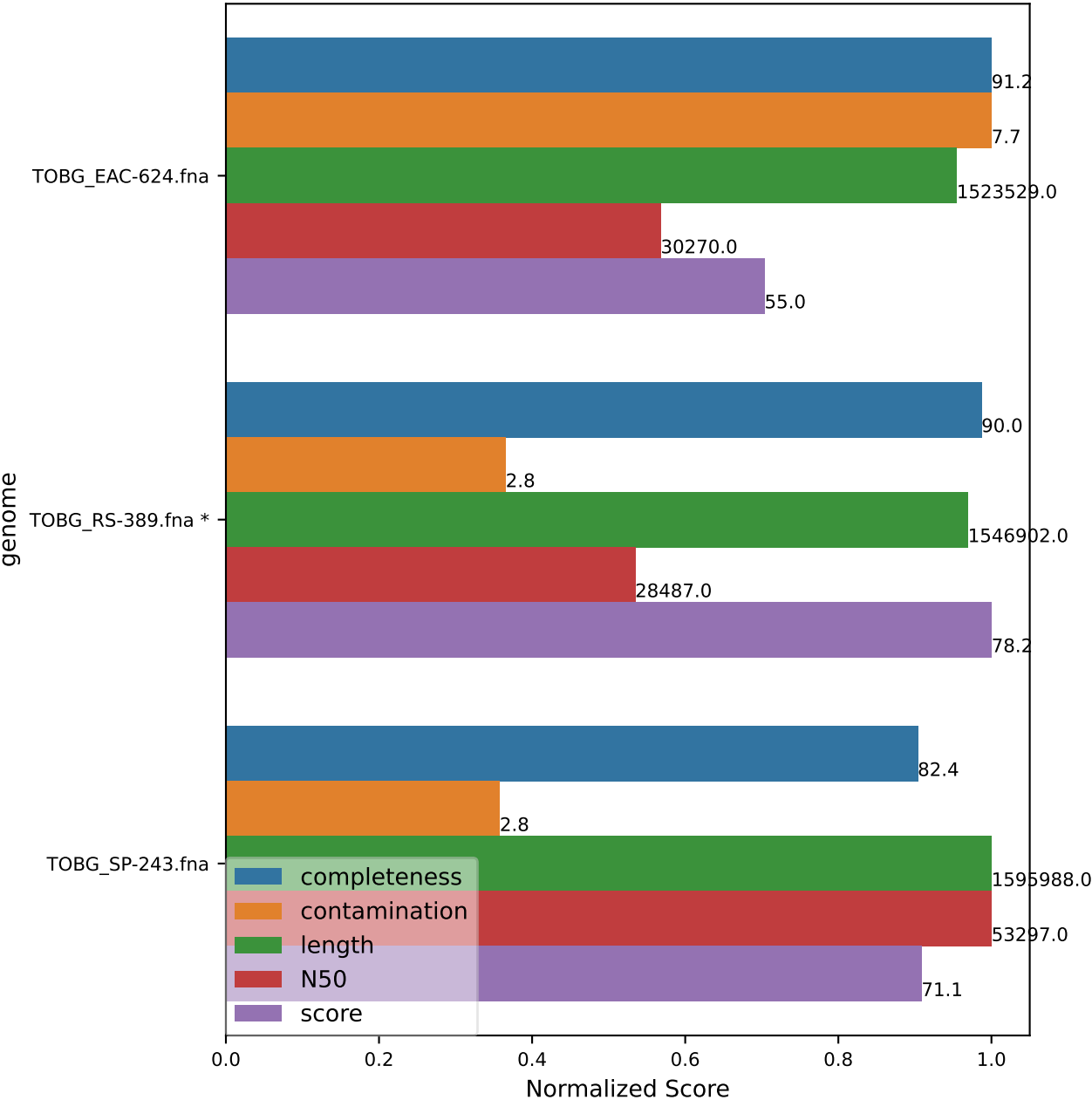
Scoring of cluster 772\_0

genome

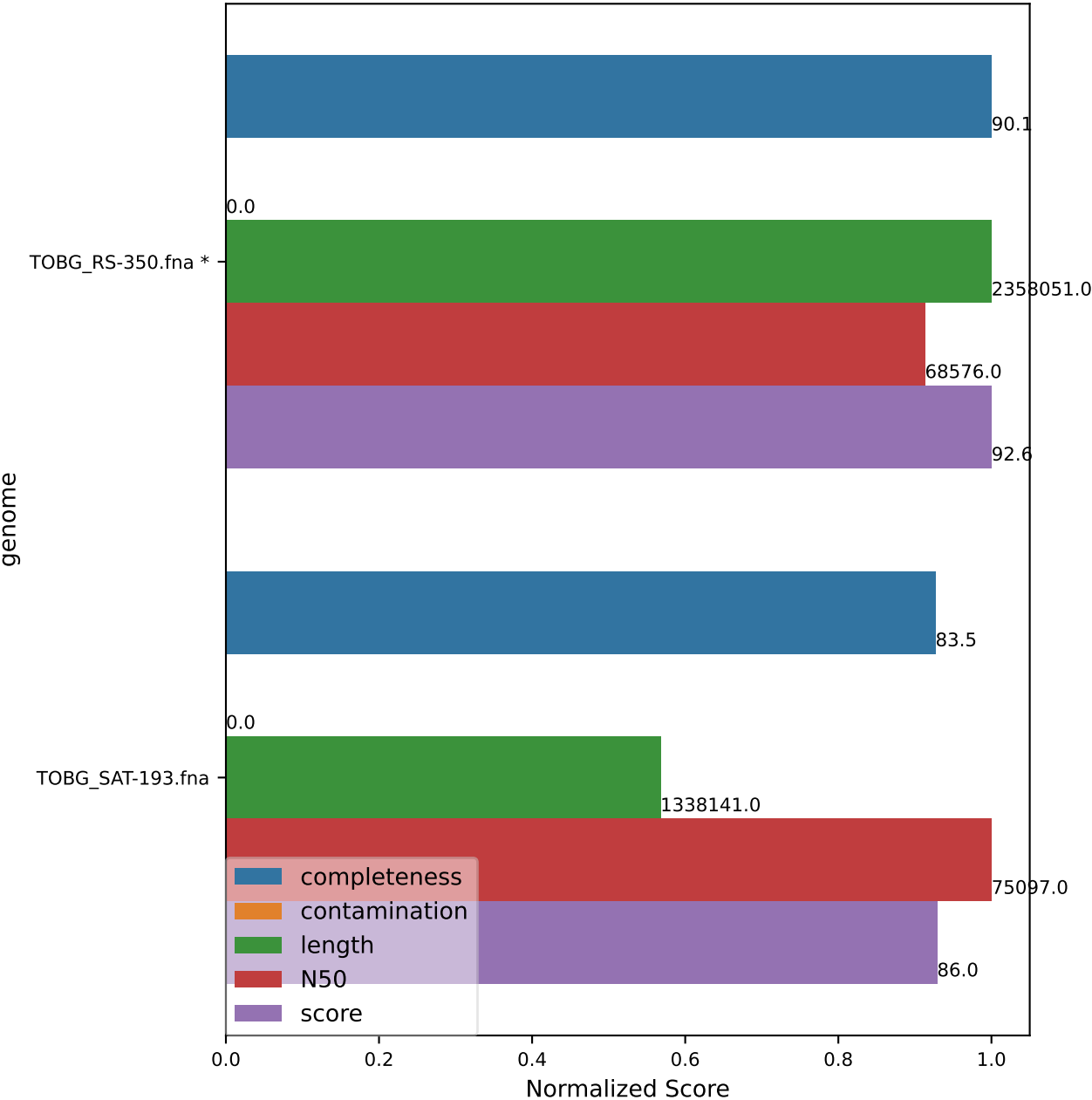
TOBG\_SP-2983.fna \*



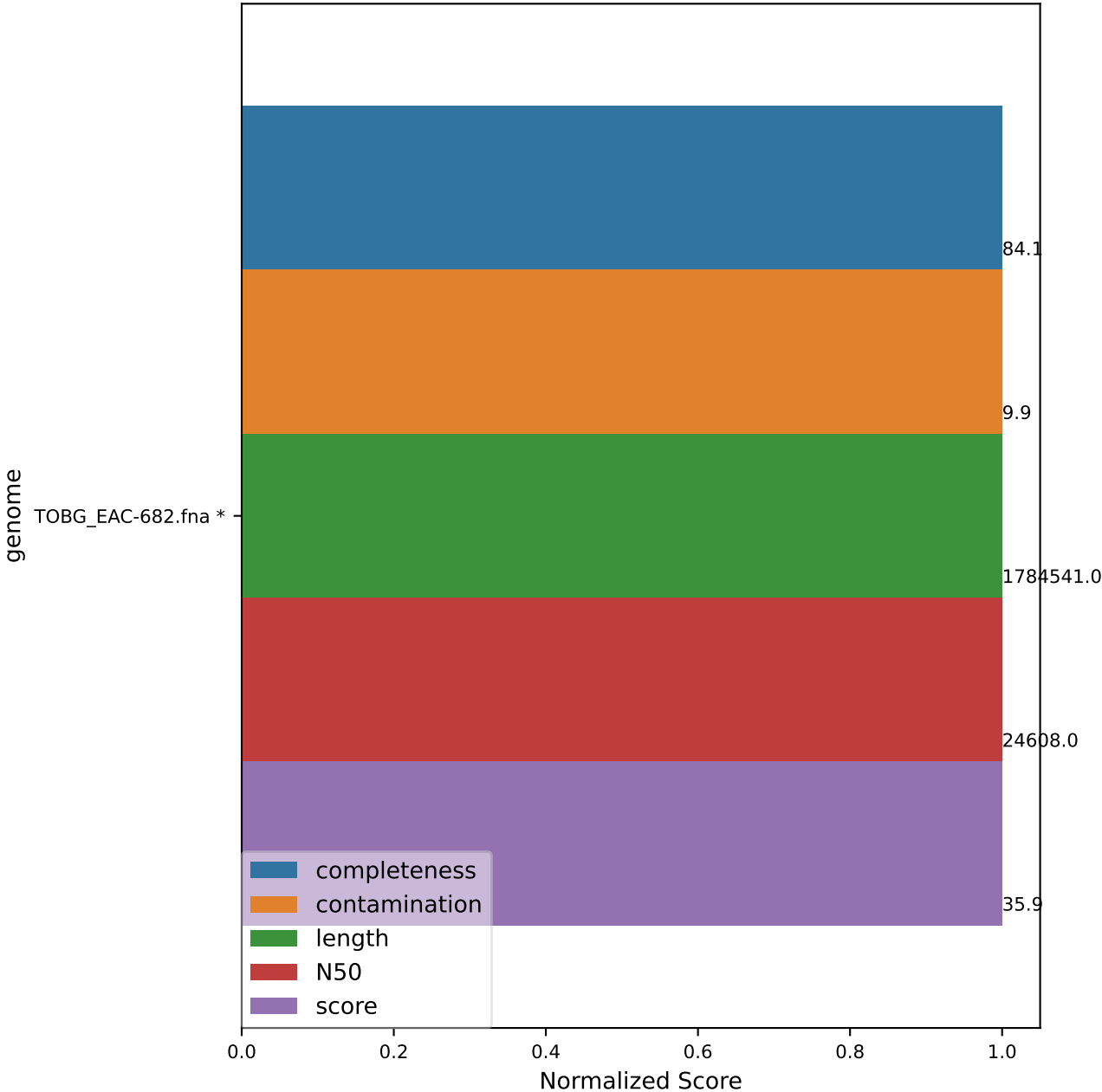
Scoring of cluster 773\_1



Scoring of cluster 774\_1



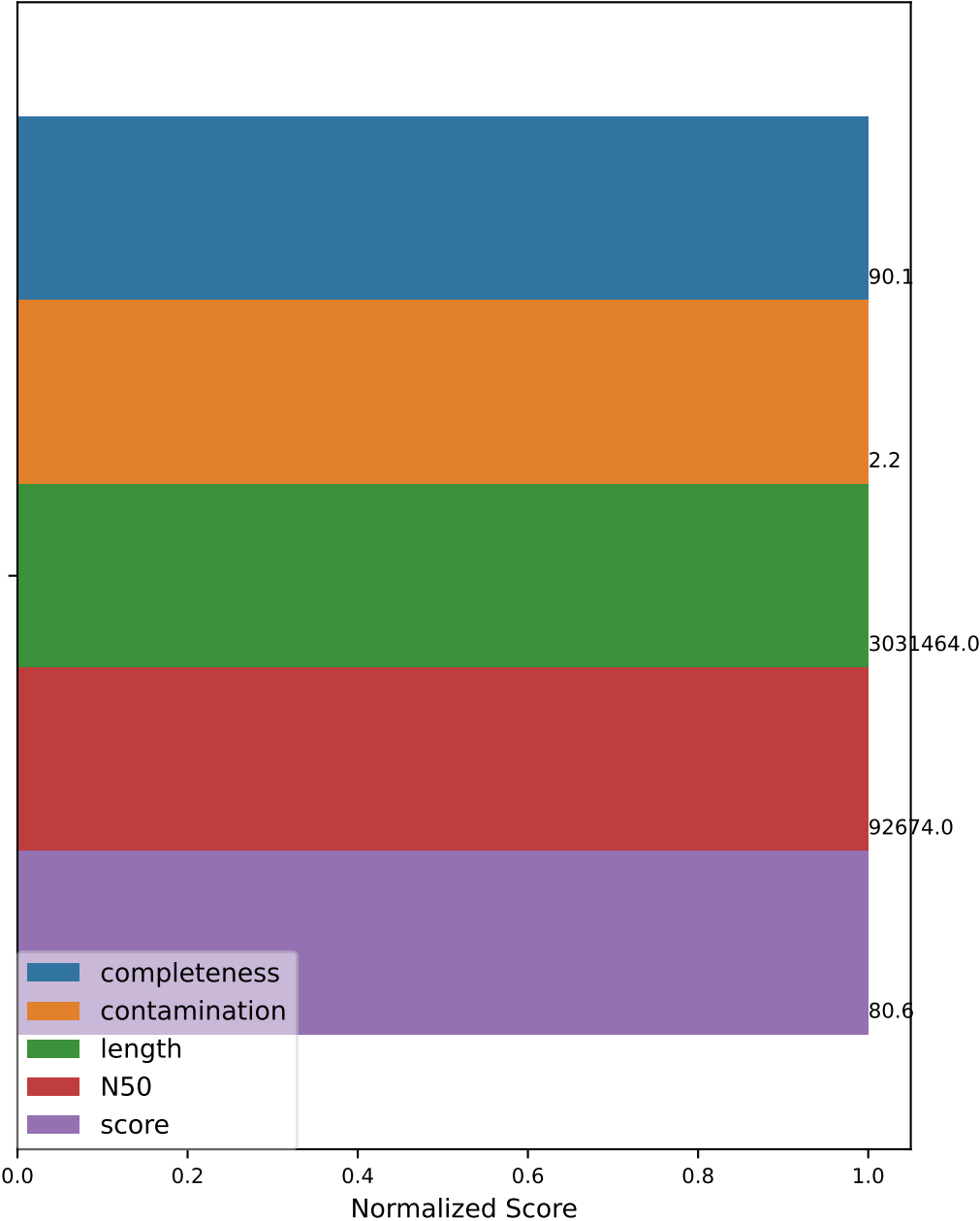
Scoring of cluster 775\_0



Scoring of cluster 776\_0

genome

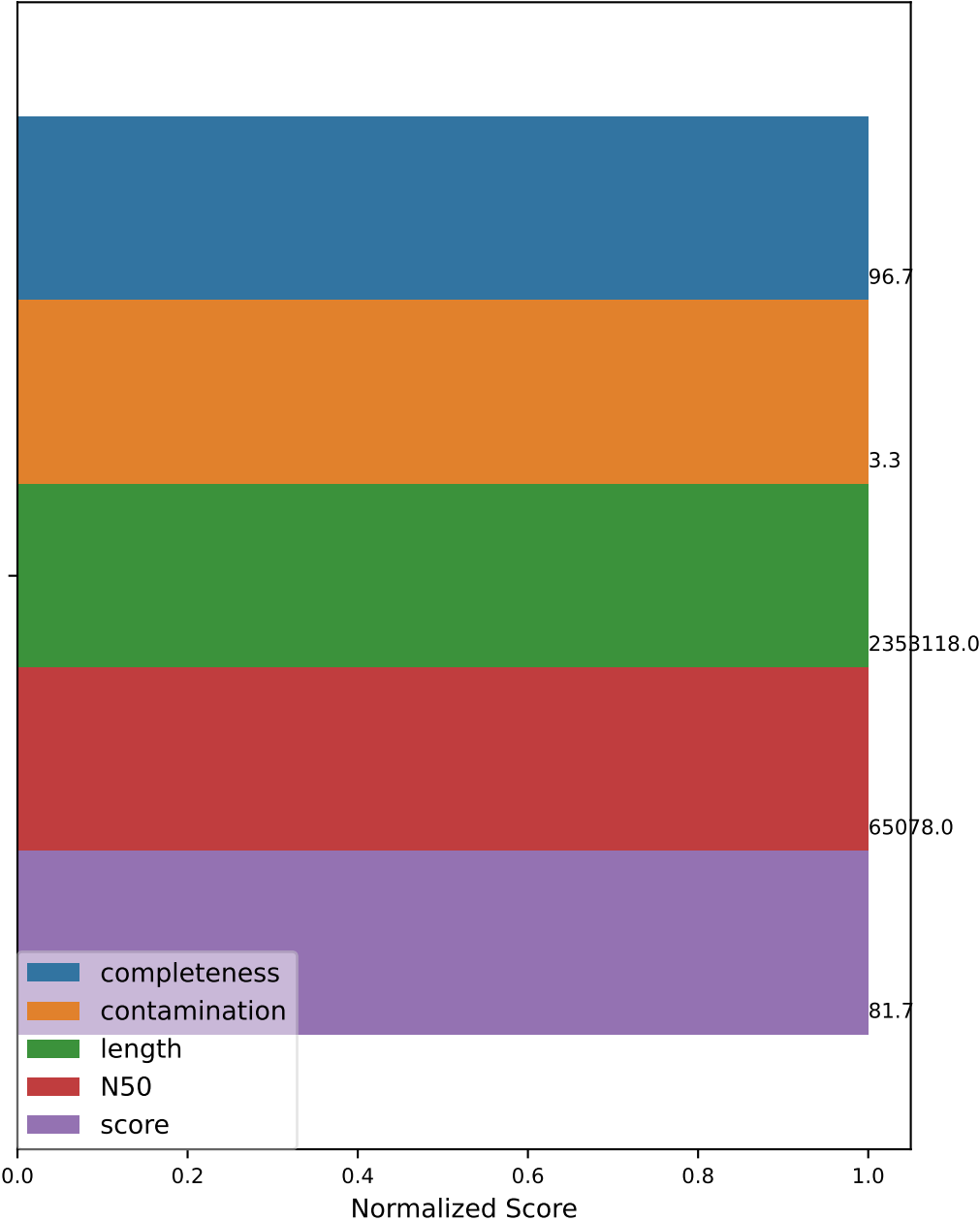
TOBG\_SP-4388.fna \*



Scoring of cluster 777\_0

genome

TOBG\_MED-673.fna \*

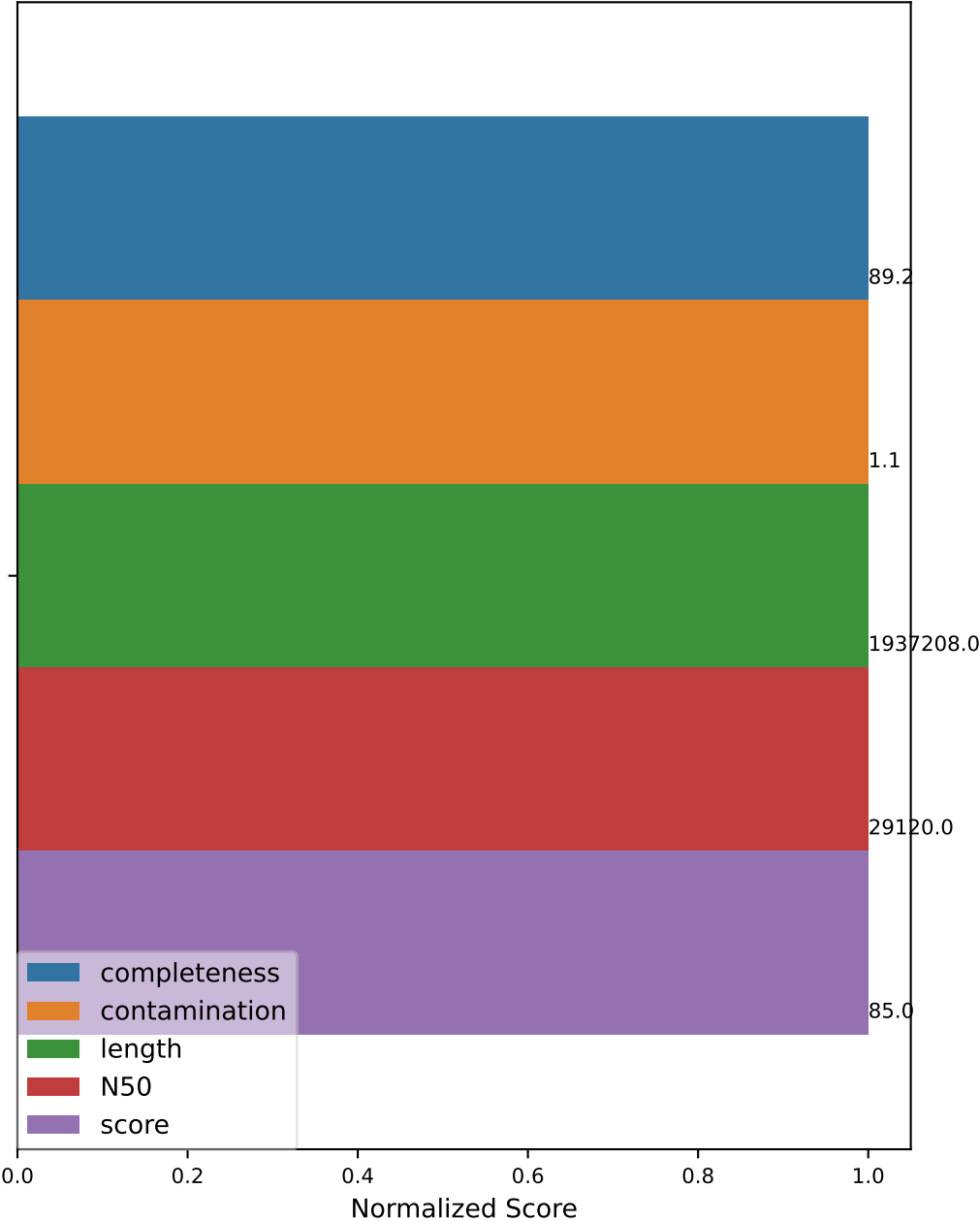




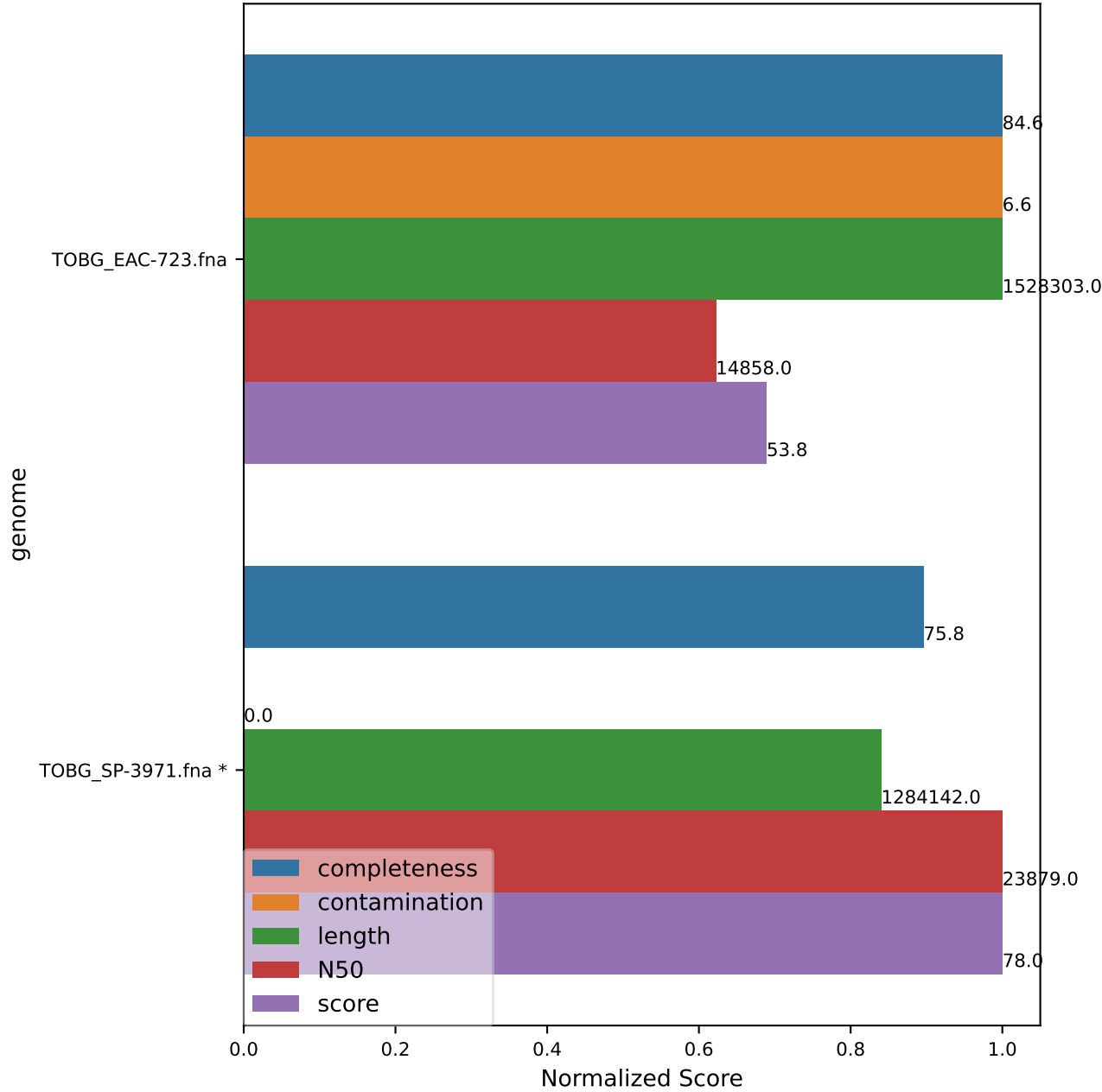
Scoring of cluster 778\_0

genome

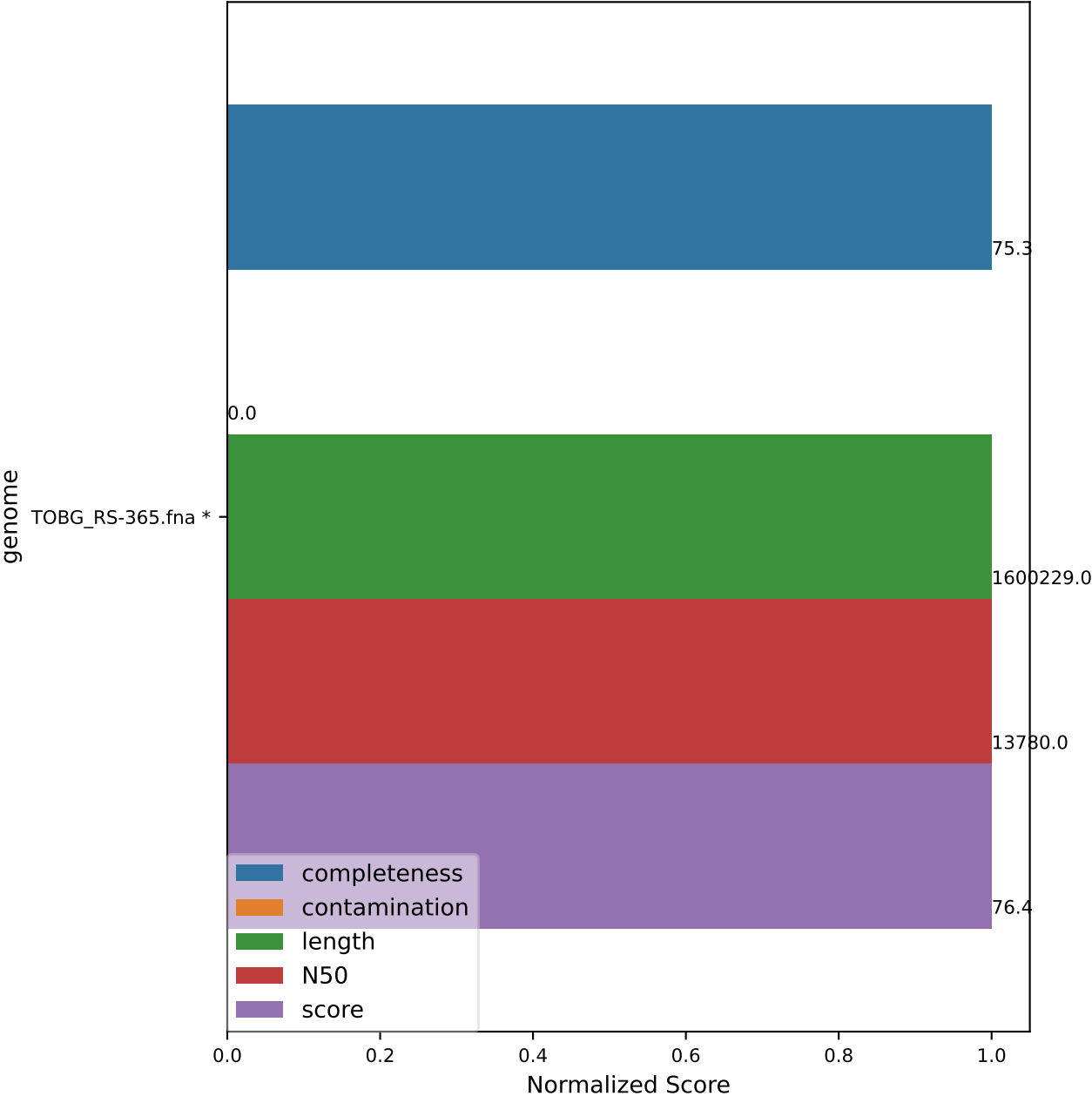
TOBG\_NAT-52.fna \*



Scoring of cluster 779\_1



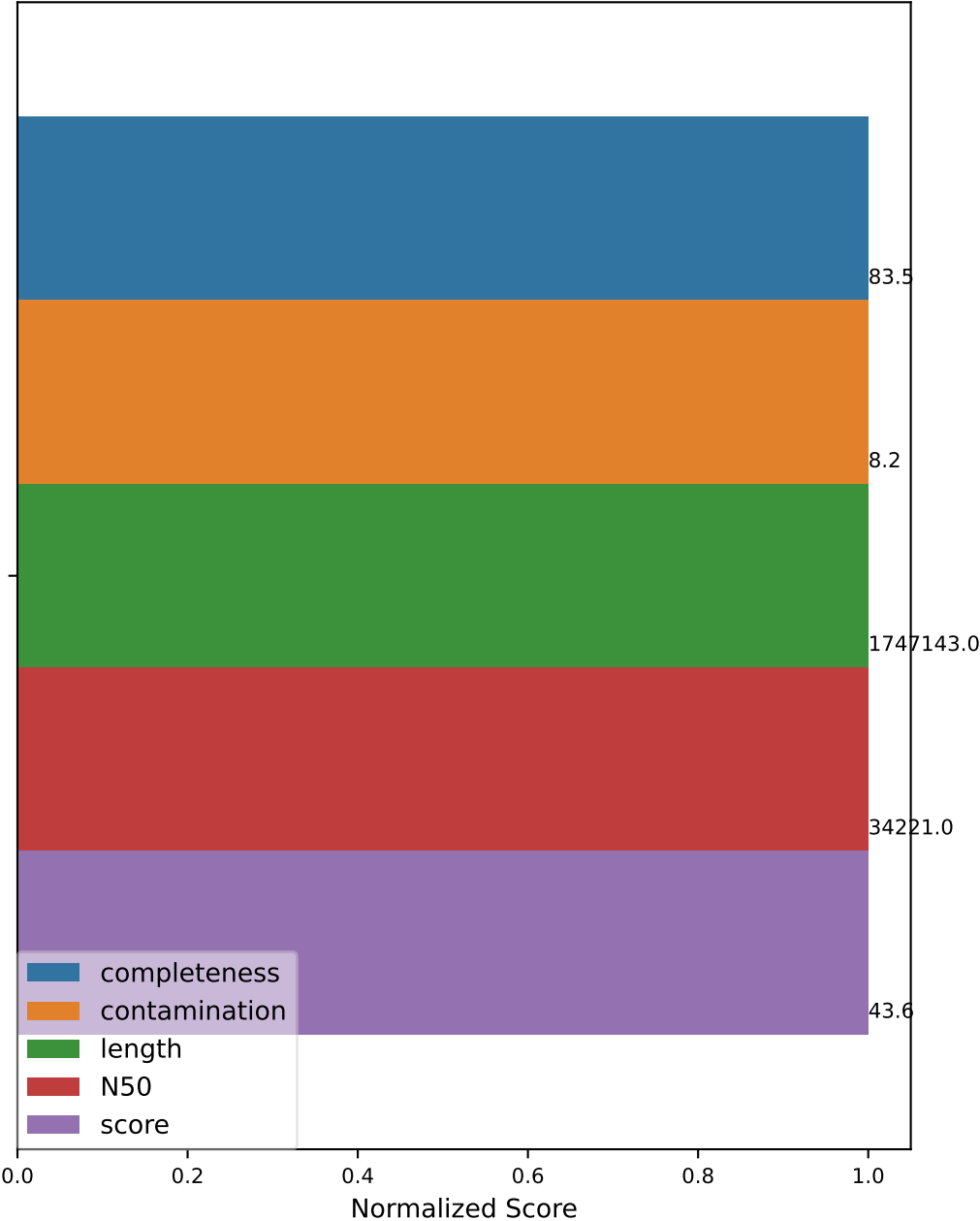
Scoring of cluster 780\_0



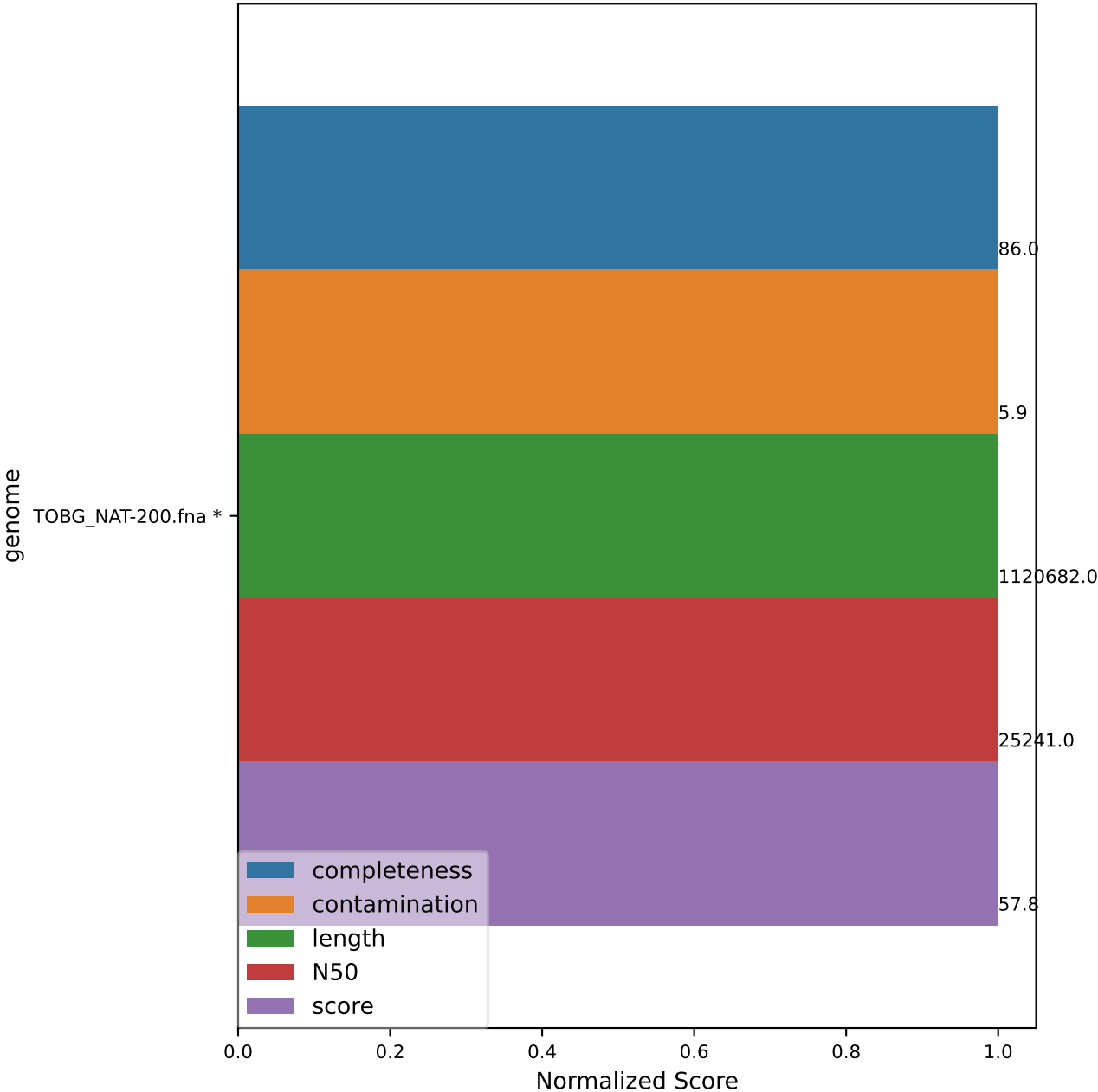
Scoring of cluster 781\_0

genome

TOBG\_MED-972.fna \*



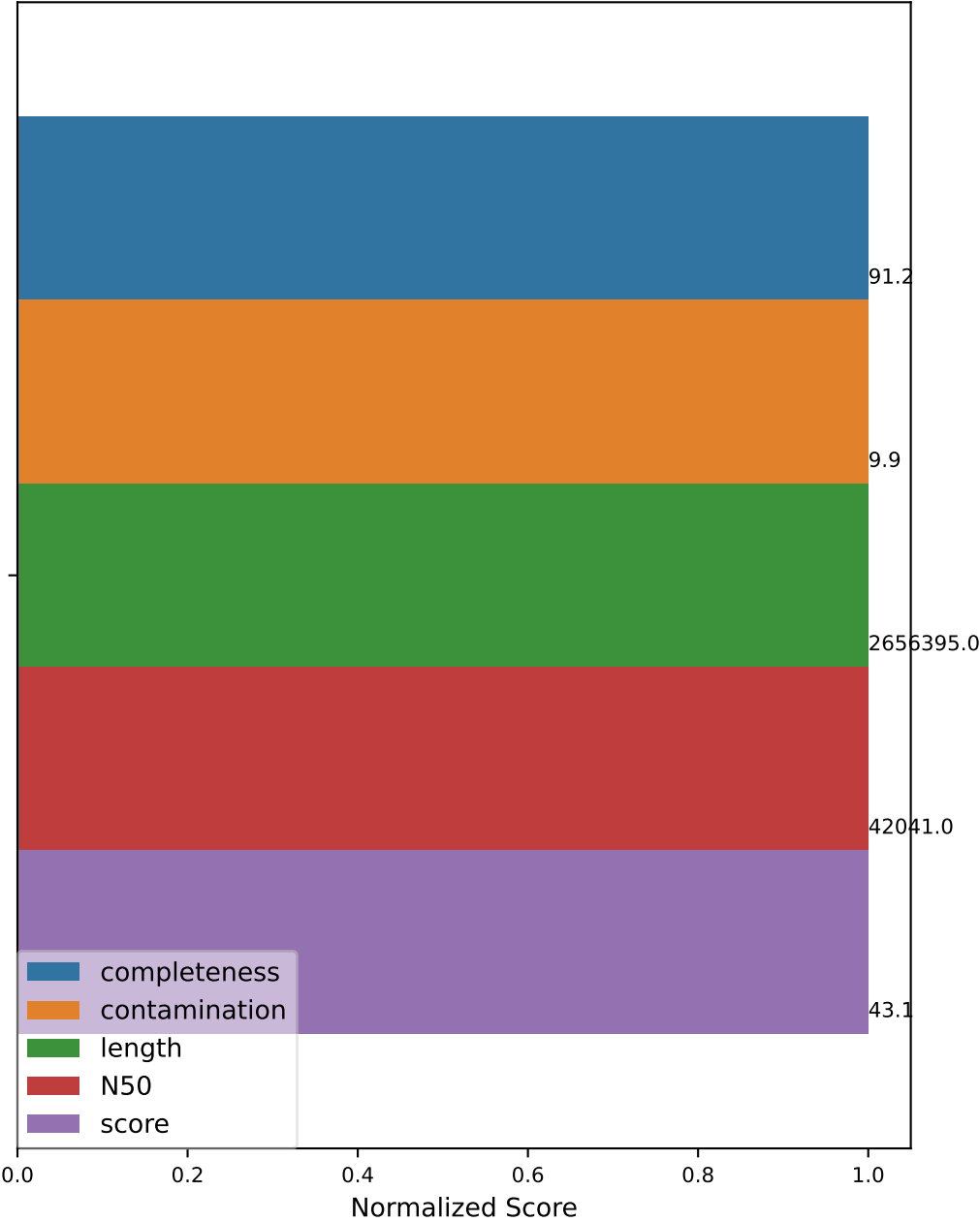
Scoring of cluster 782\_0



Scoring of cluster 783\_0

genome

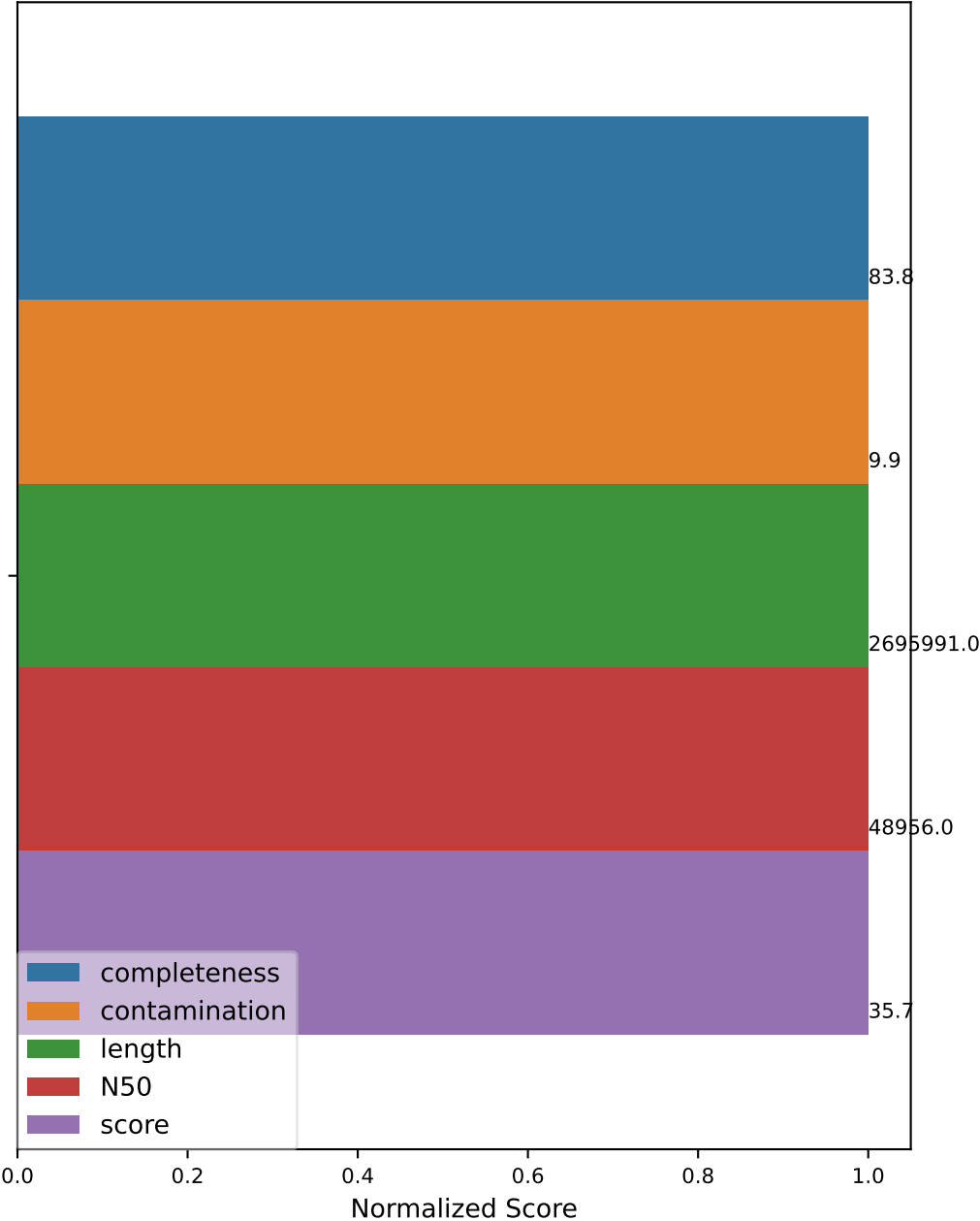
TOBG\_MED-806.fna \*



Scoring of cluster 784\_0

genome

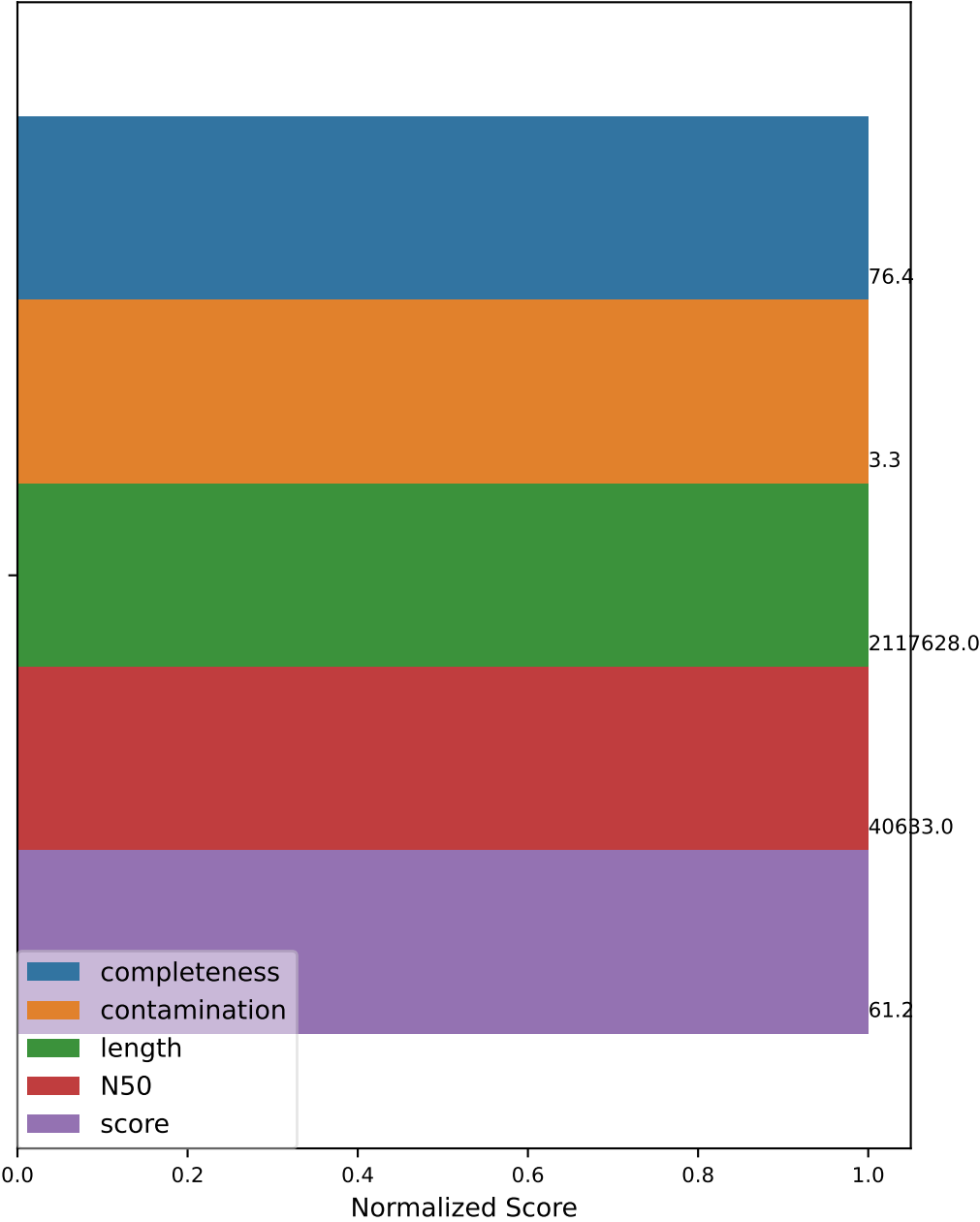
TOBG\_SP-3111.fna \*



Scoring of cluster 785\_0

genome

TOBG\_SP-3097.fna \*

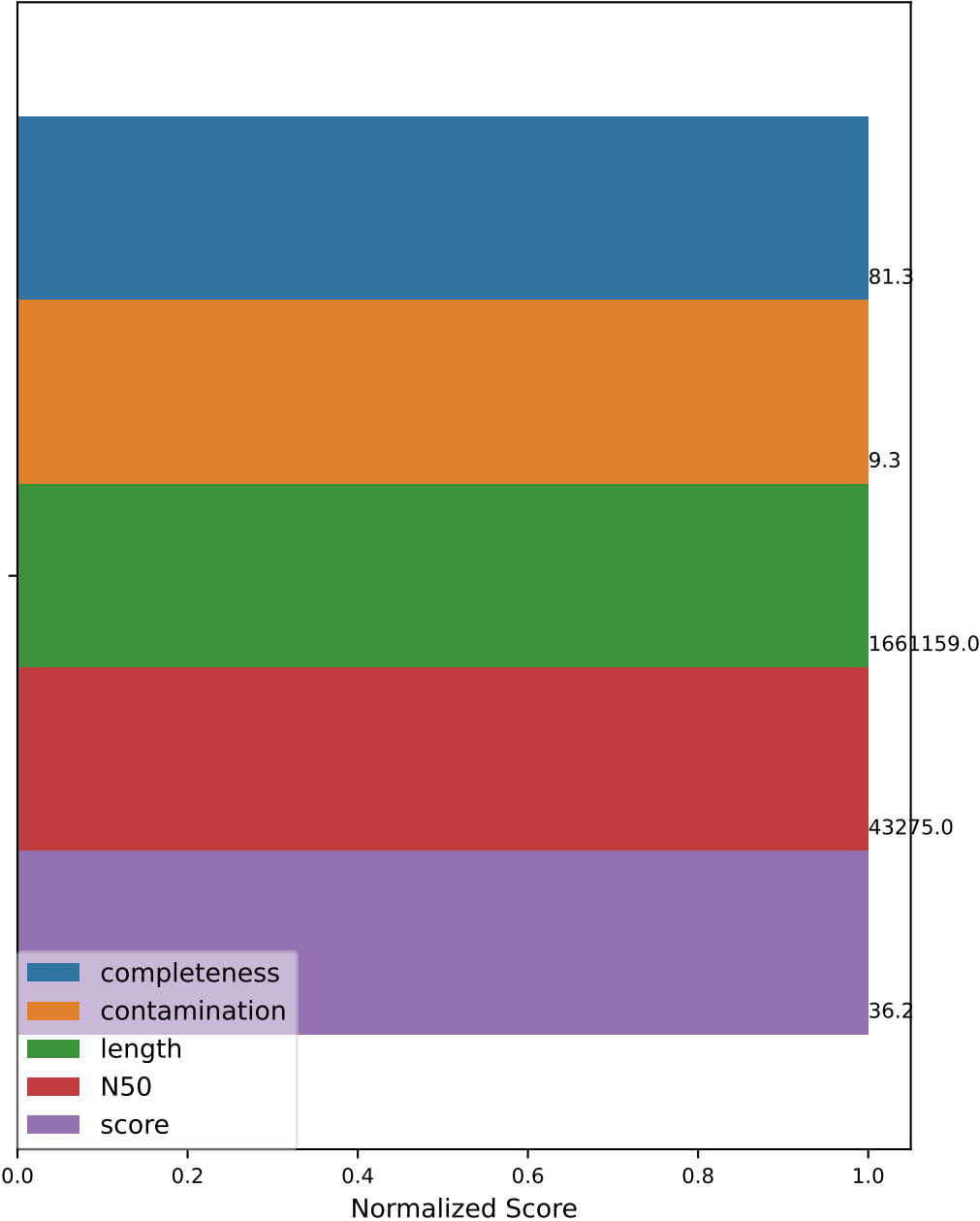




Scoring of cluster 786\_0

genome

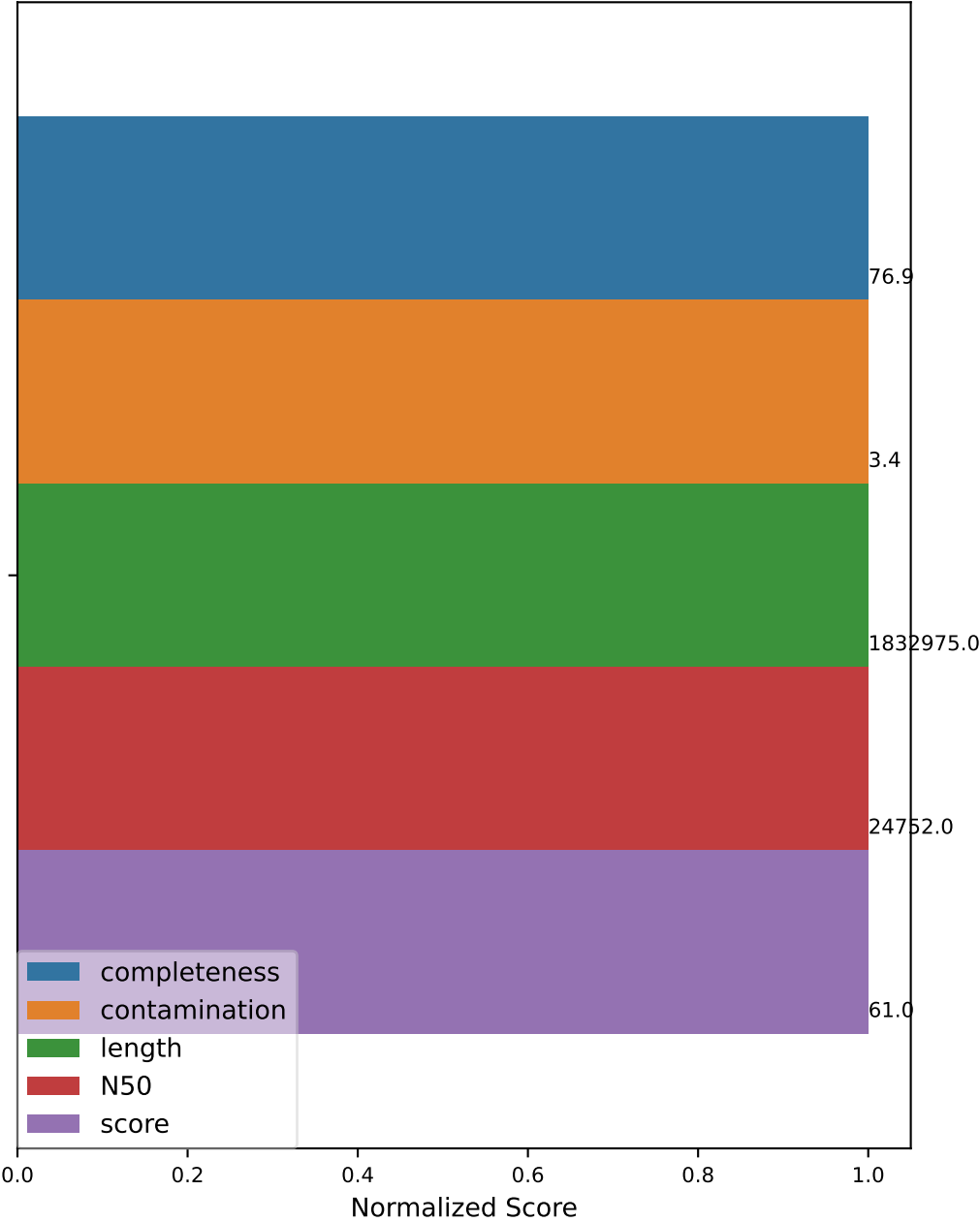
TOBG\_SP-3119.fna \*



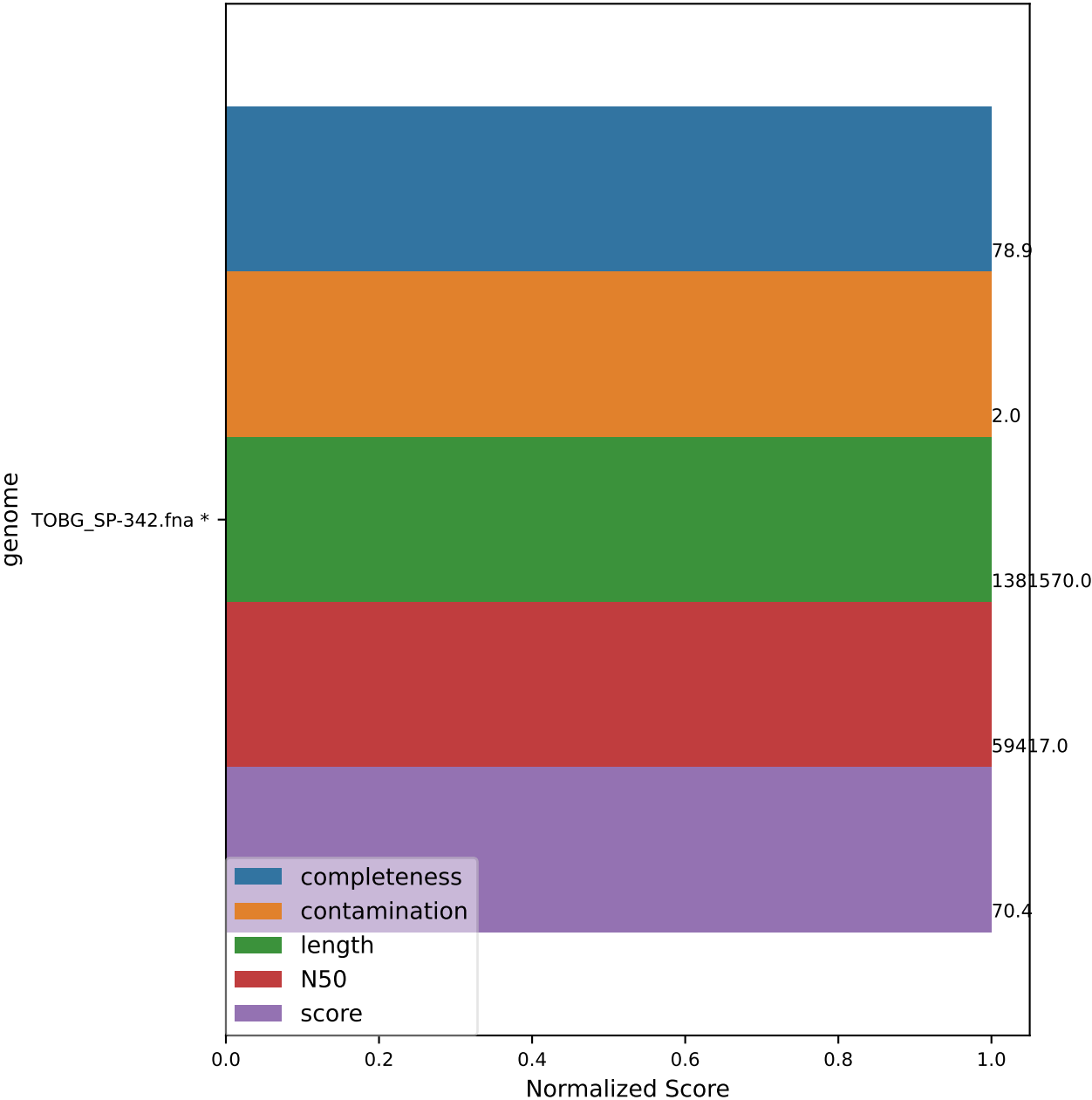
Scoring of cluster 787\_0

genome

TOBG\_NAT-221.fna \*



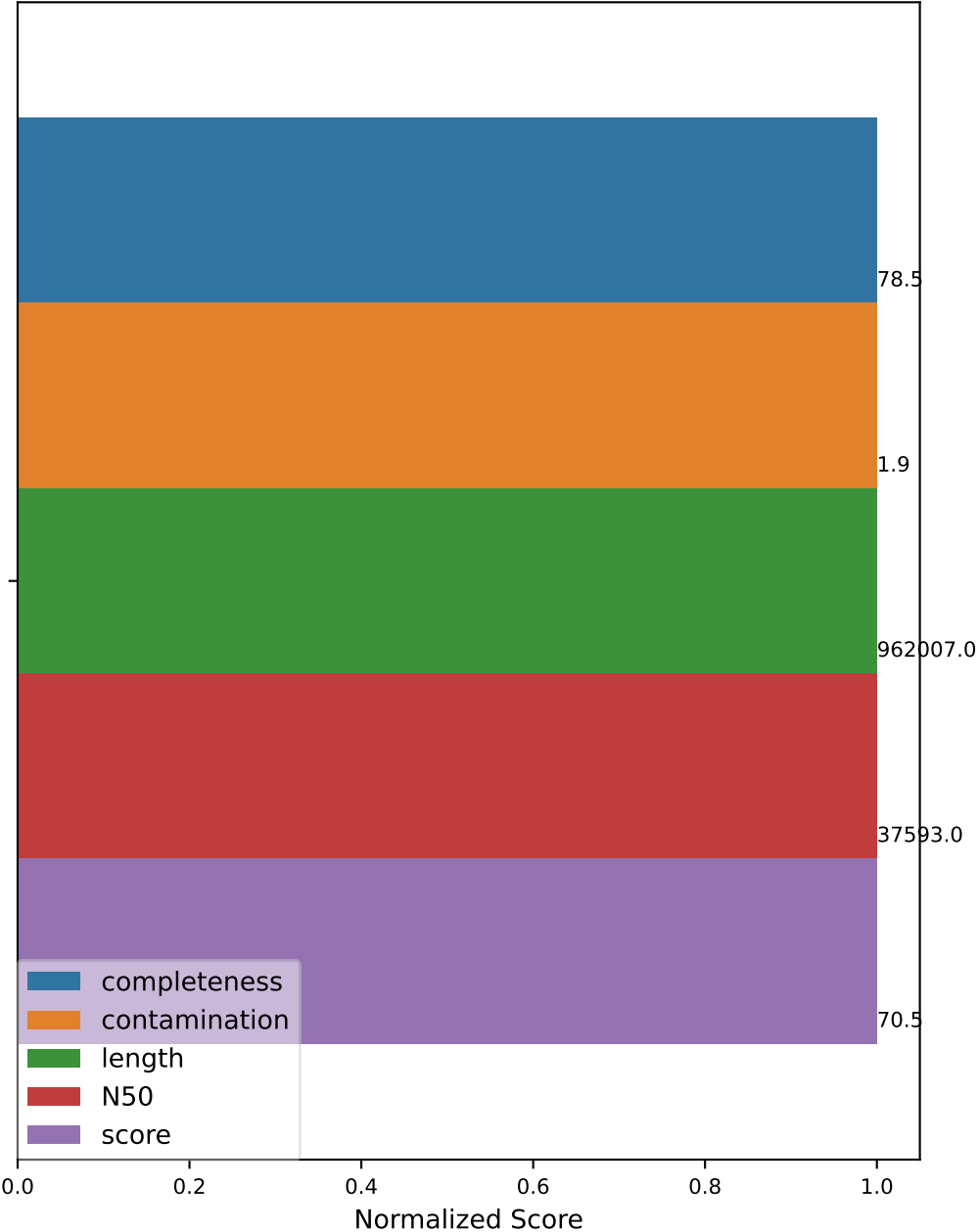
Scoring of cluster 788\_0



Scoring of cluster 789\_0

genome

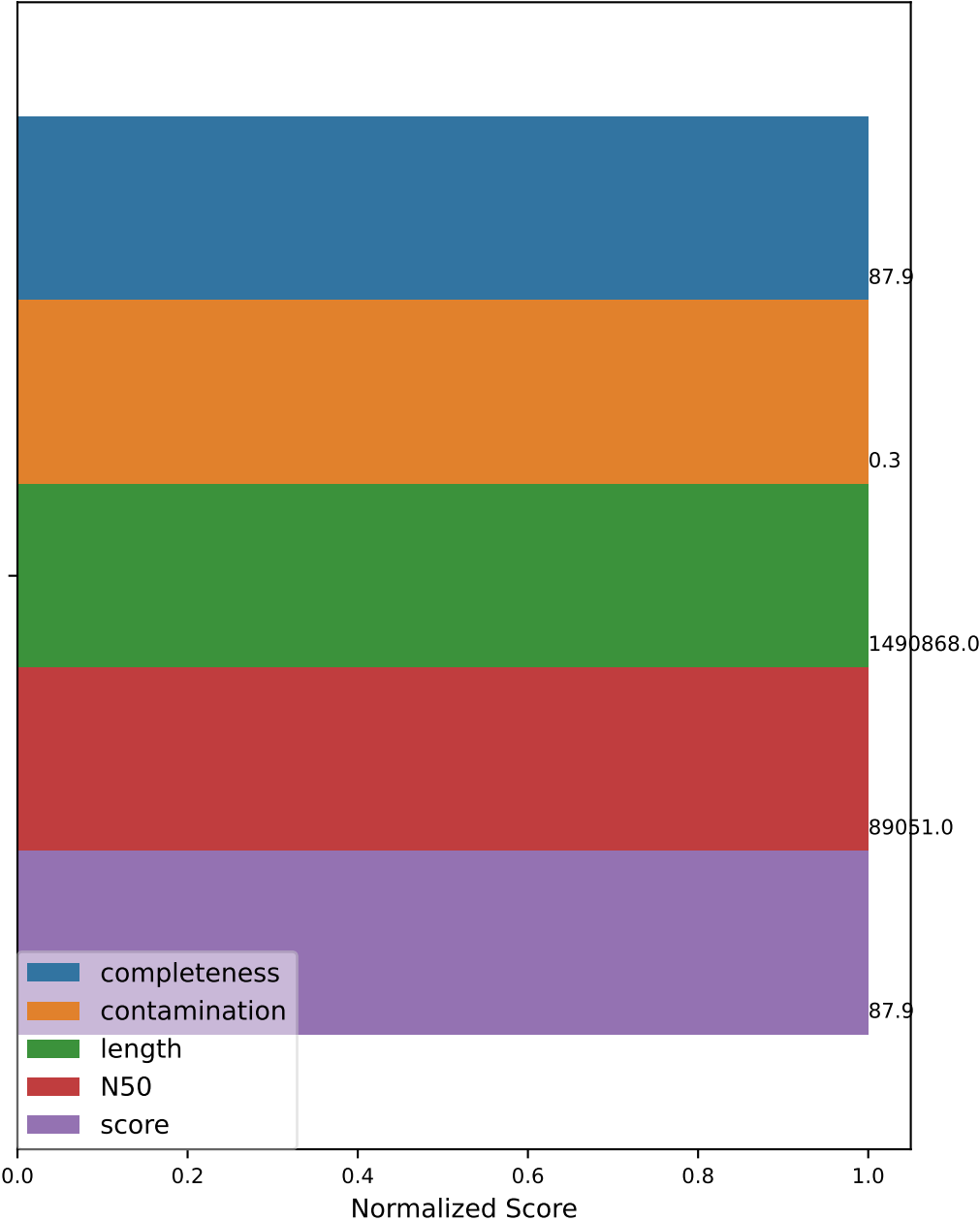
TOBG\_ARS-1176.fna \*

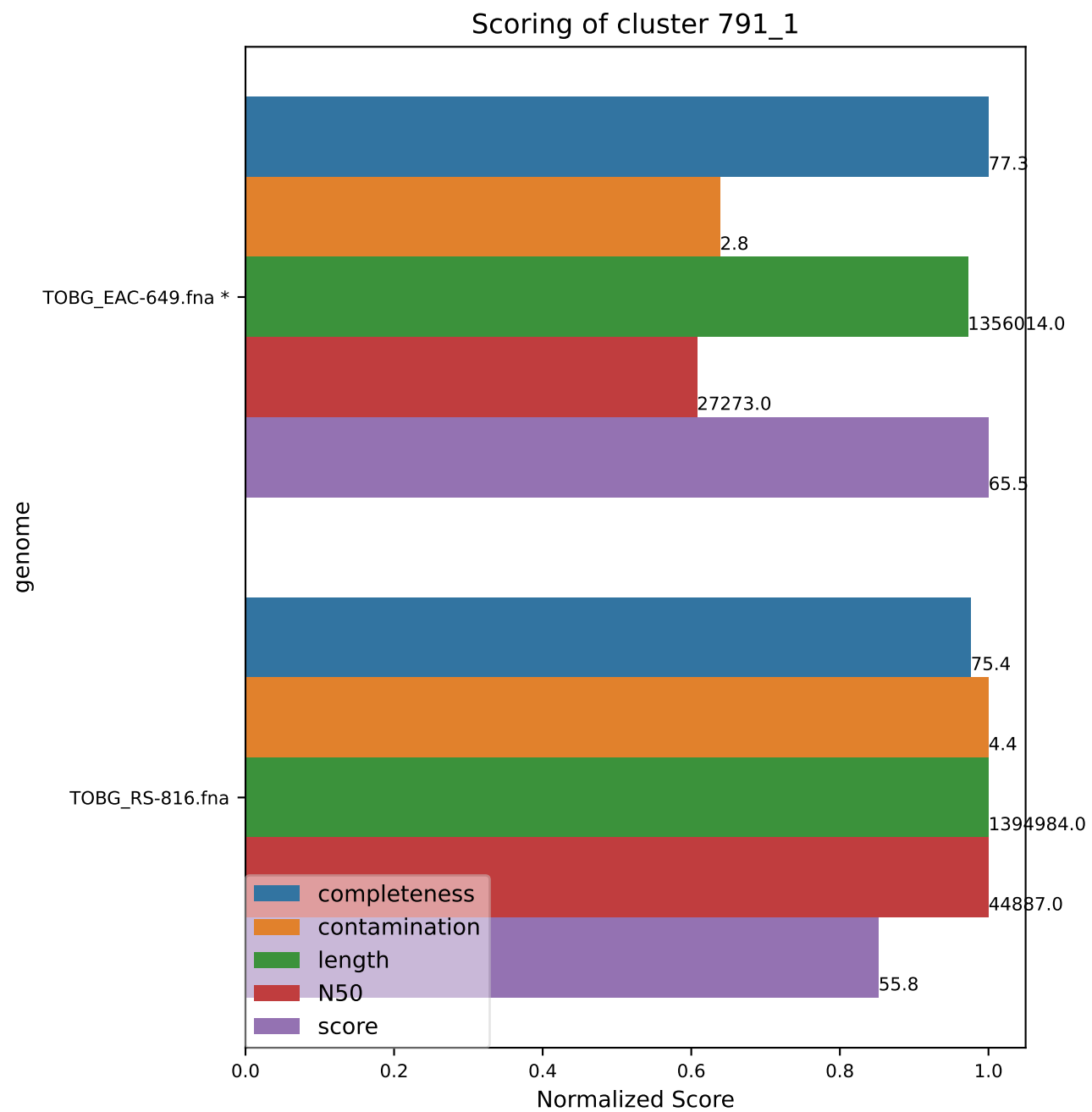


Scoring of cluster 790\_0

genome

TOBG\_SP-328.fna \*

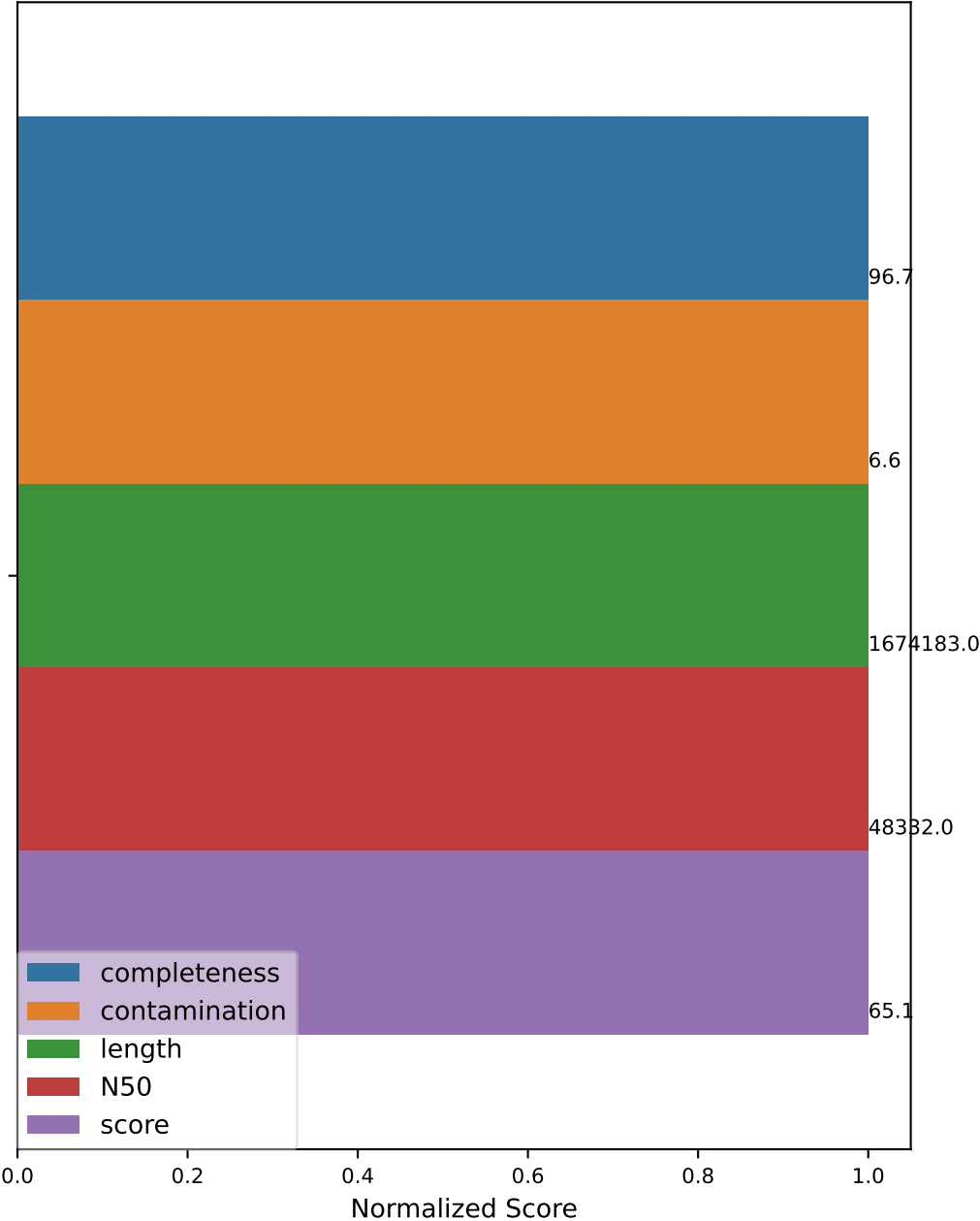




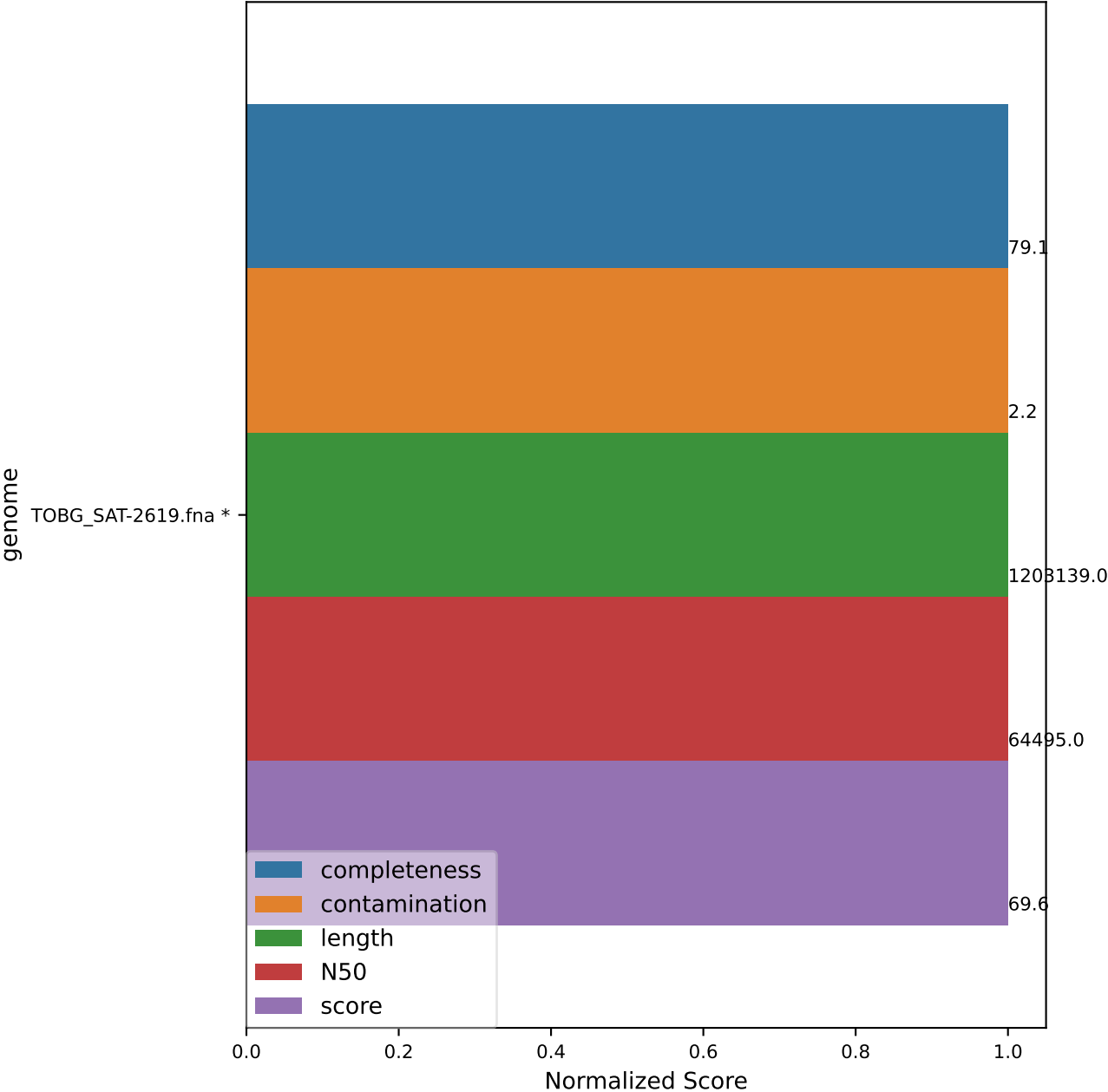
Scoring of cluster 791\_2

genome

TOBG\_MED-746.fna \*

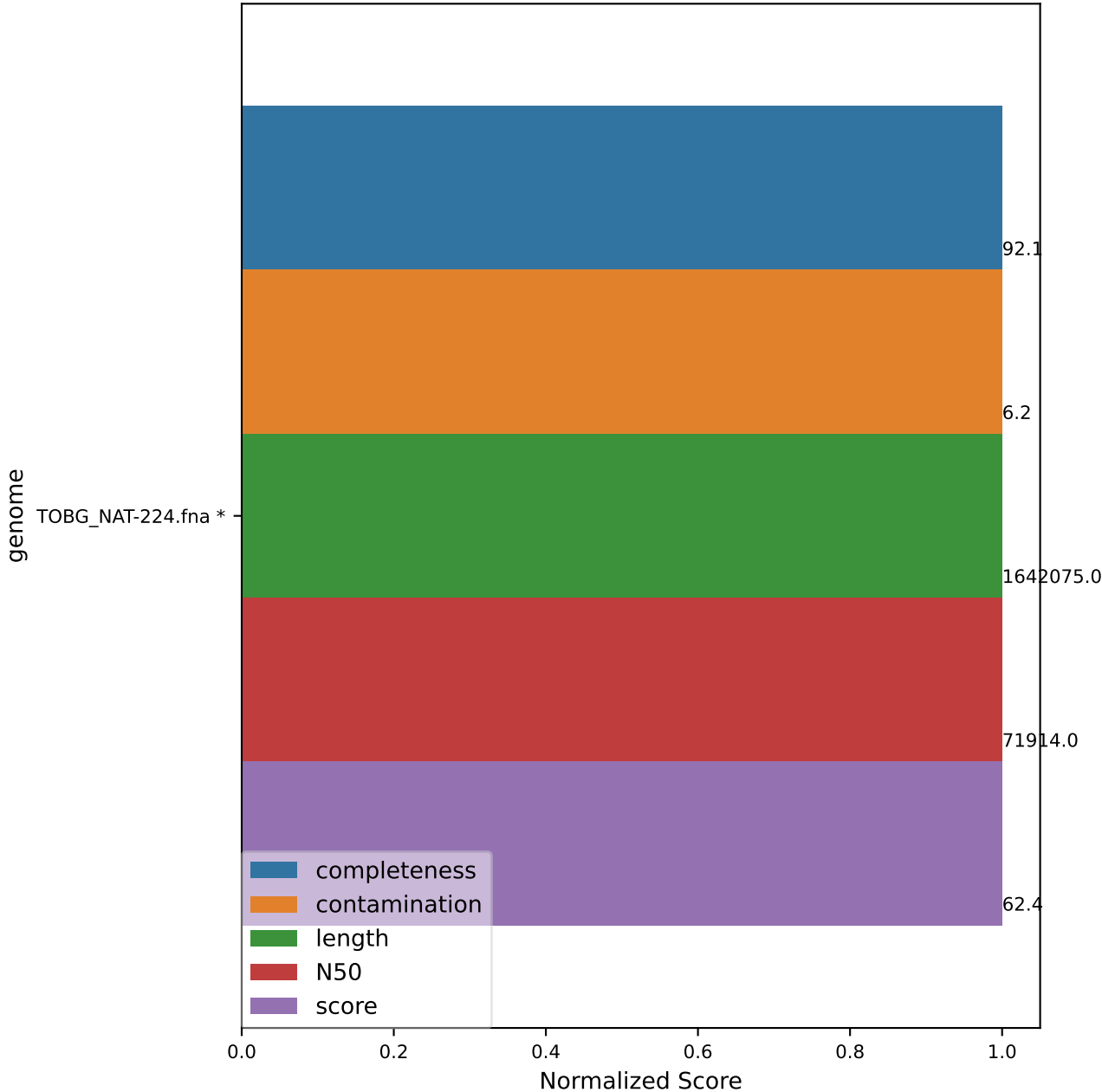


Scoring of cluster 792\_0





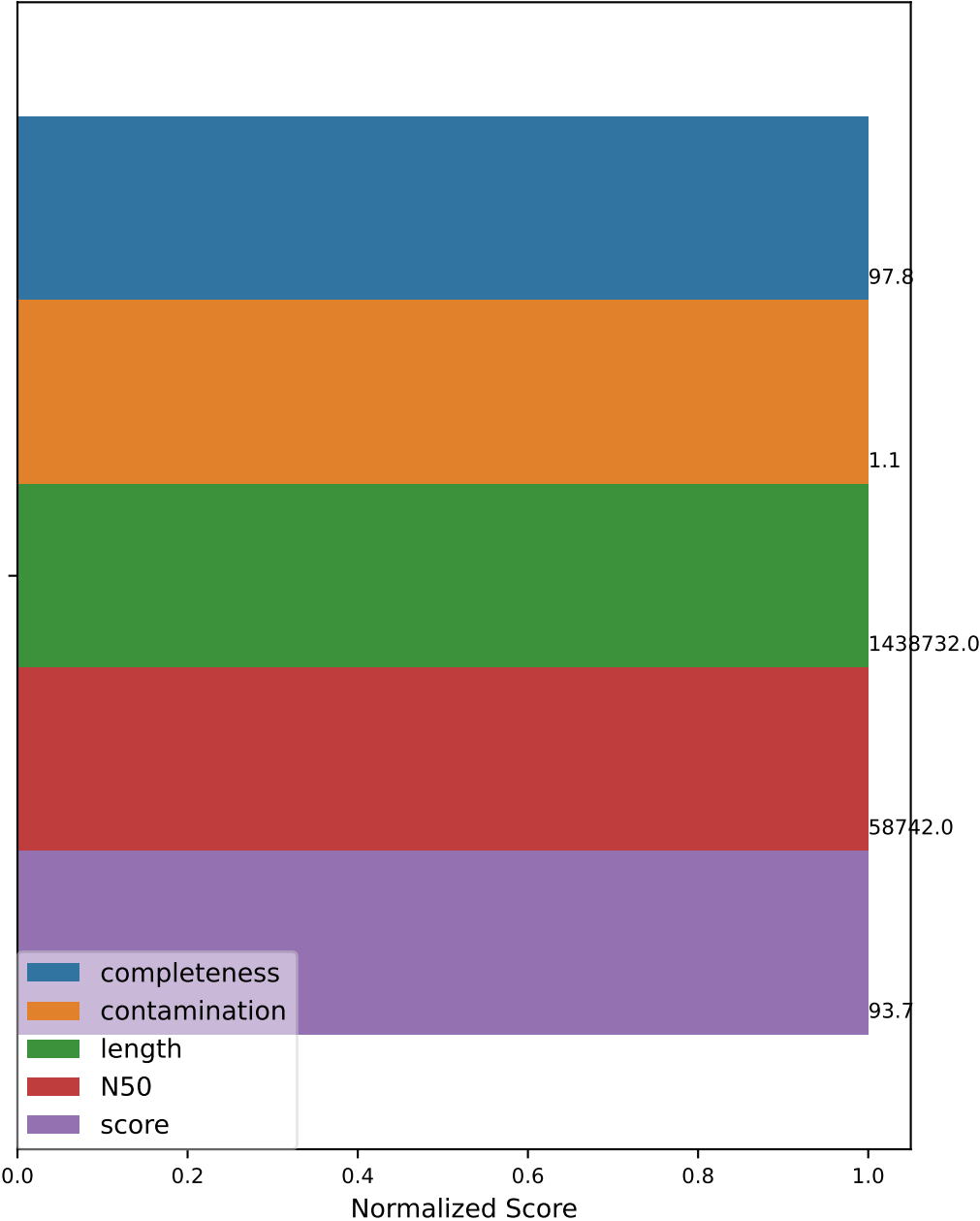
Scoring of cluster 793\_0



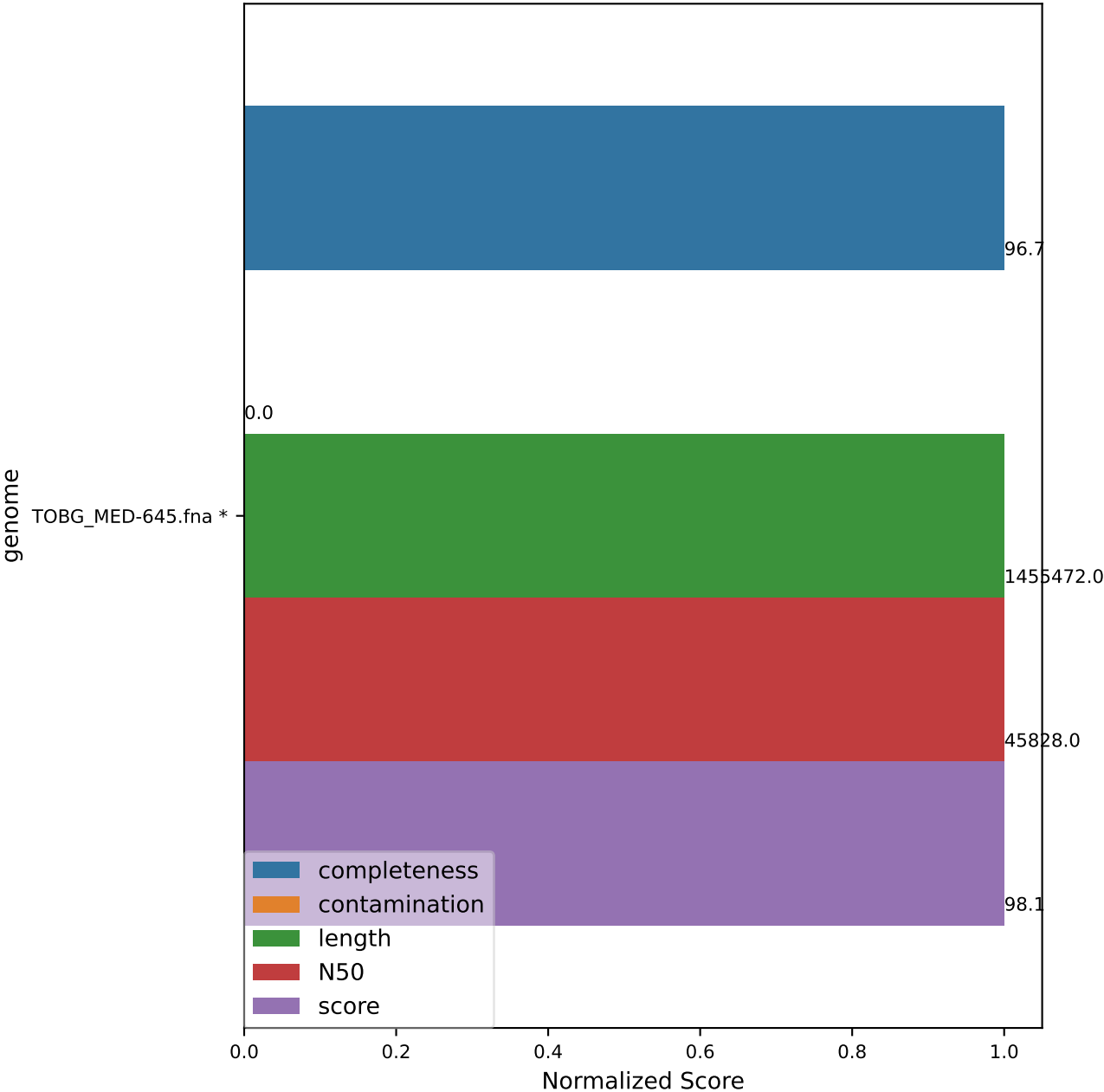
Scoring of cluster 794\_0

genome

TOBG\_MED-598.fna \*



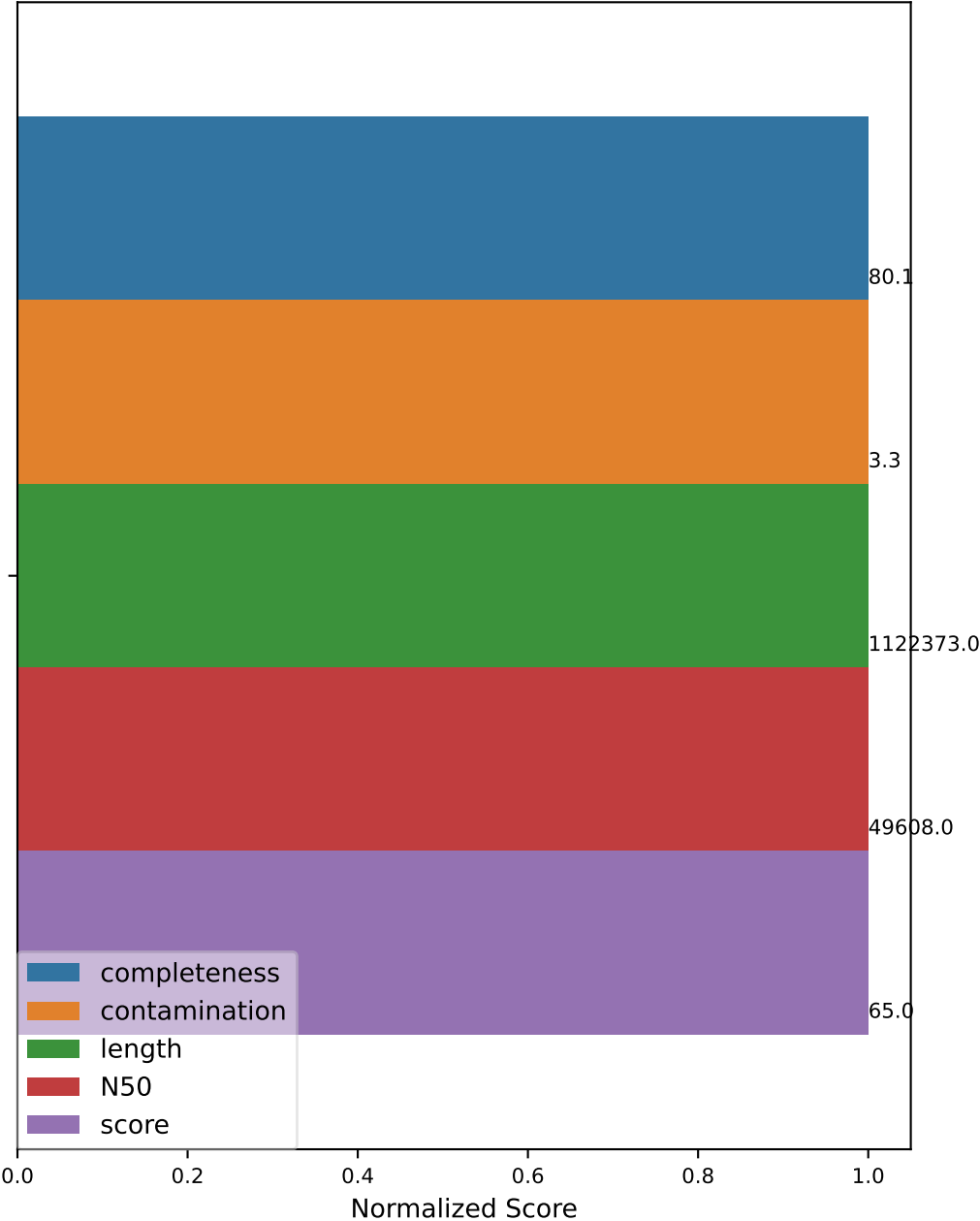
Scoring of cluster 795\_0



Scoring of cluster 796\_0

genome

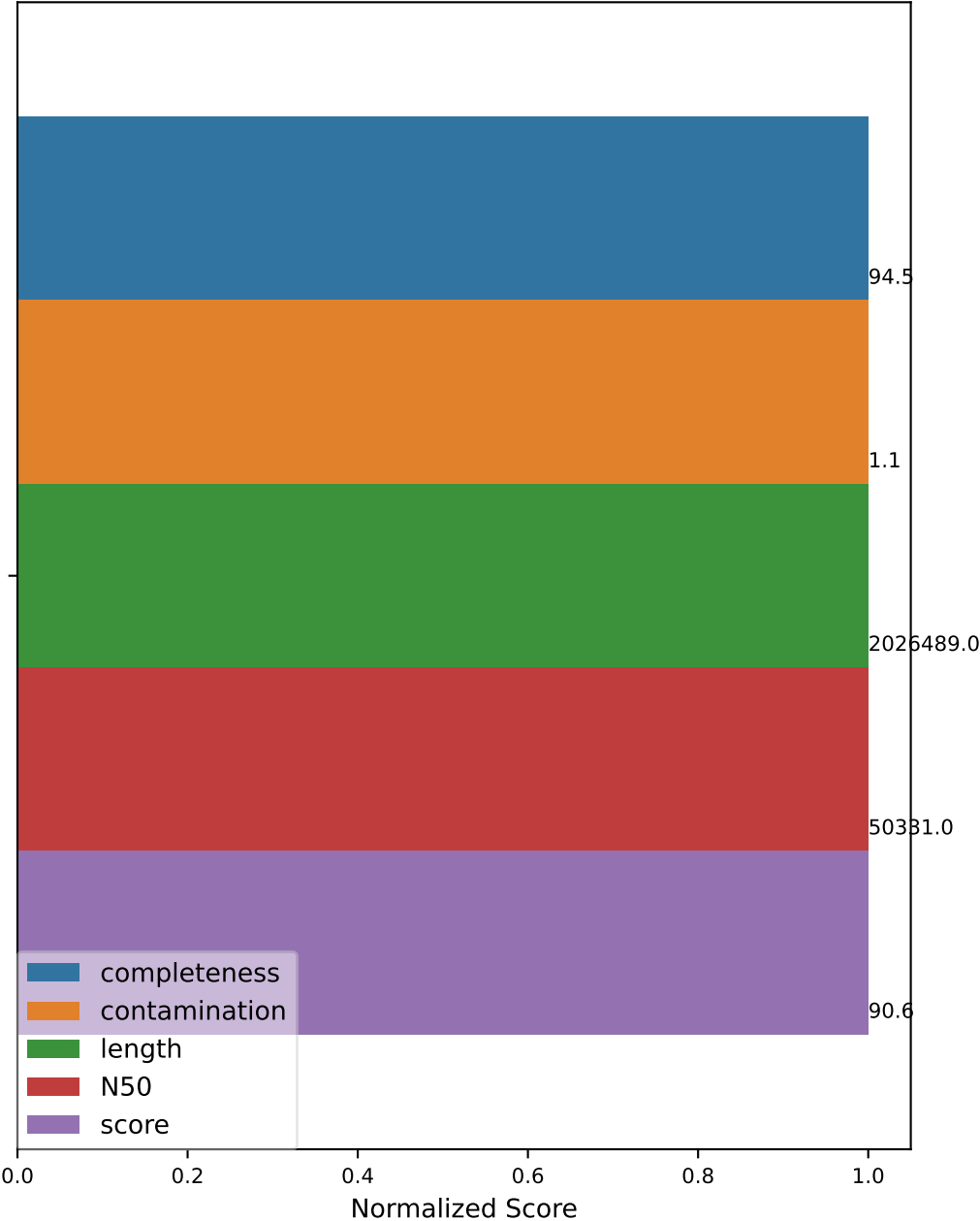
TOBG\_SP-108.fna \*



Scoring of cluster 797\_1

genome

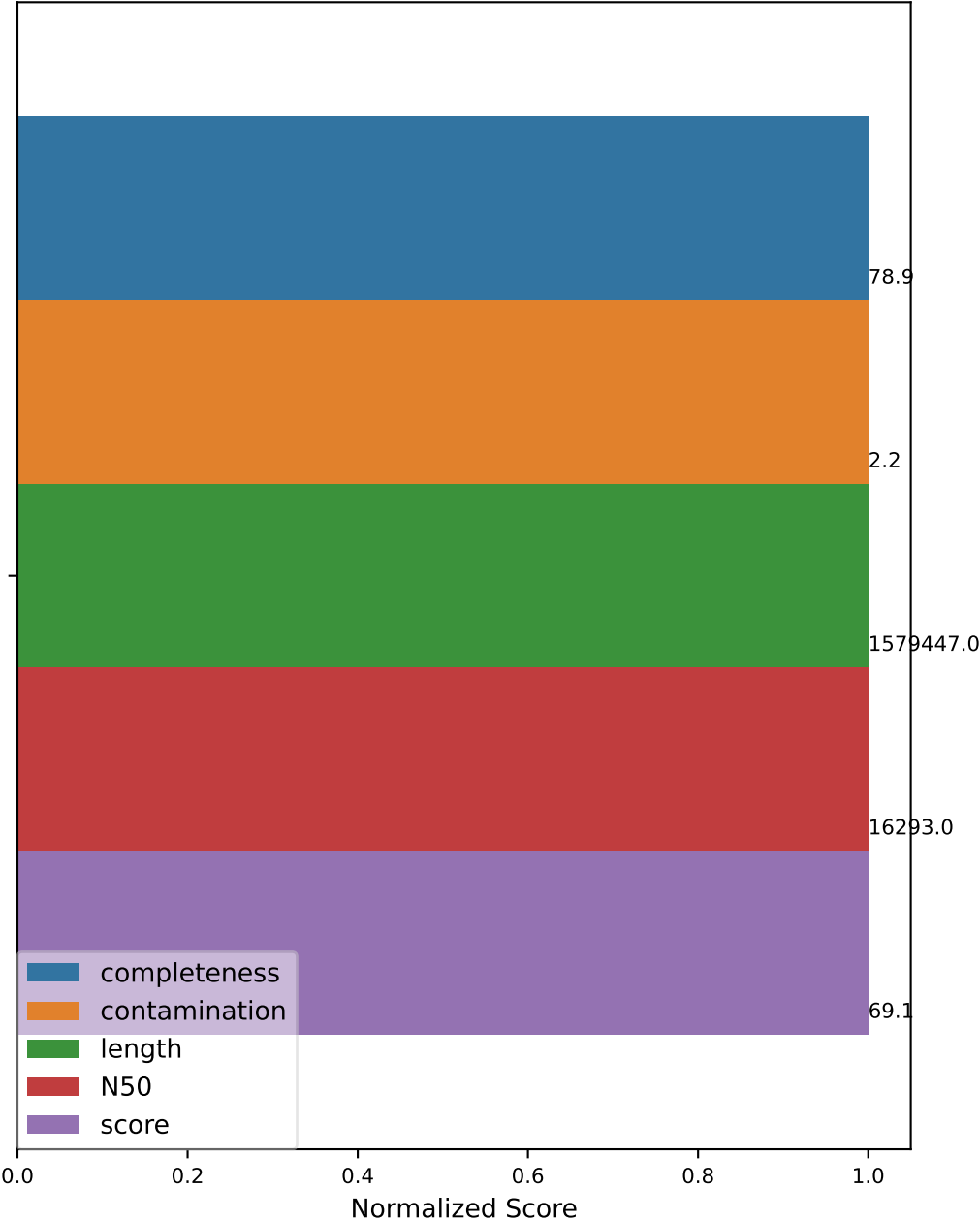
TOBG\_EAC-11.fna \*



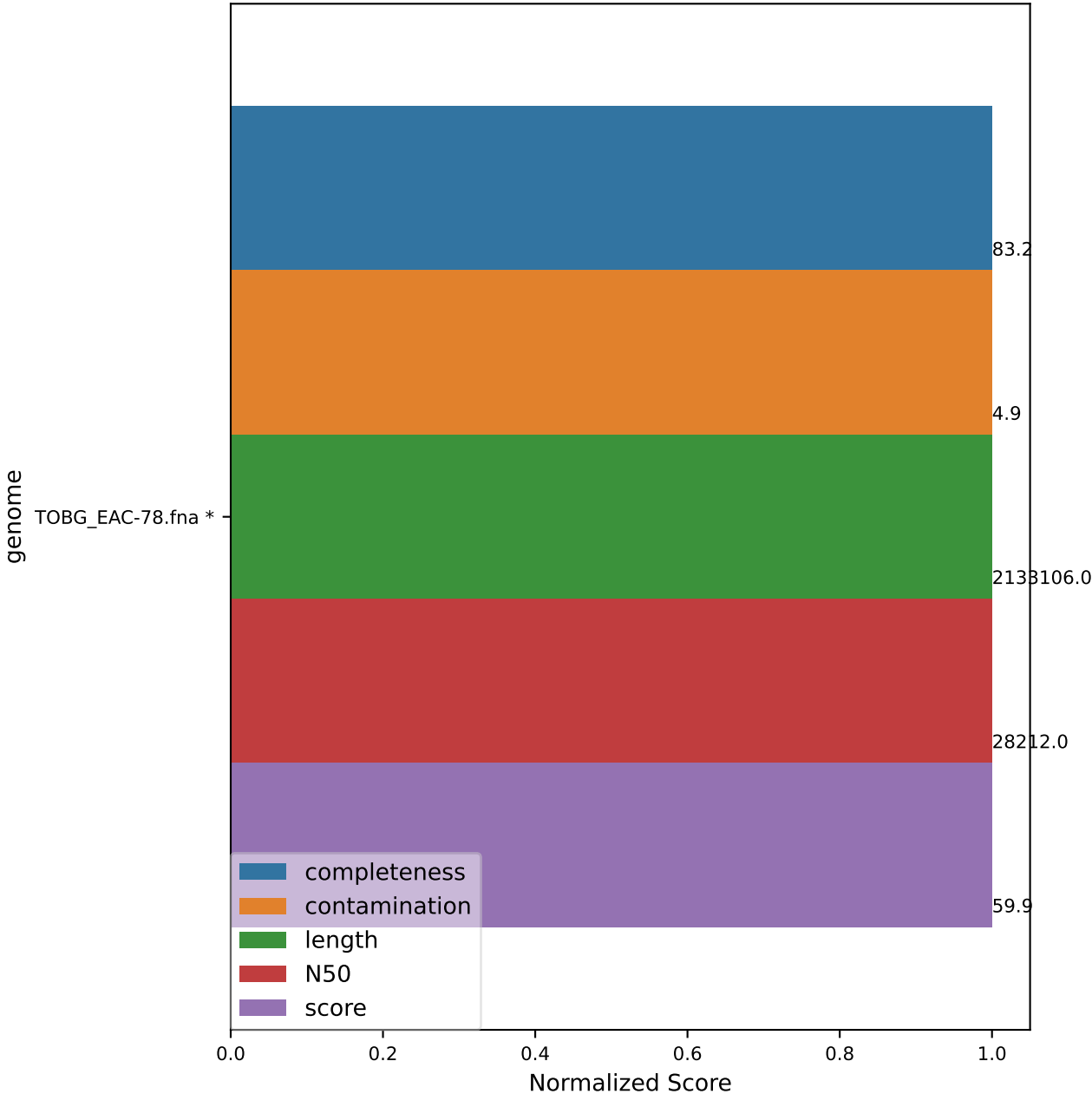
Scoring of cluster 797\_2

genome

TOBG\_MED-829.fna \*



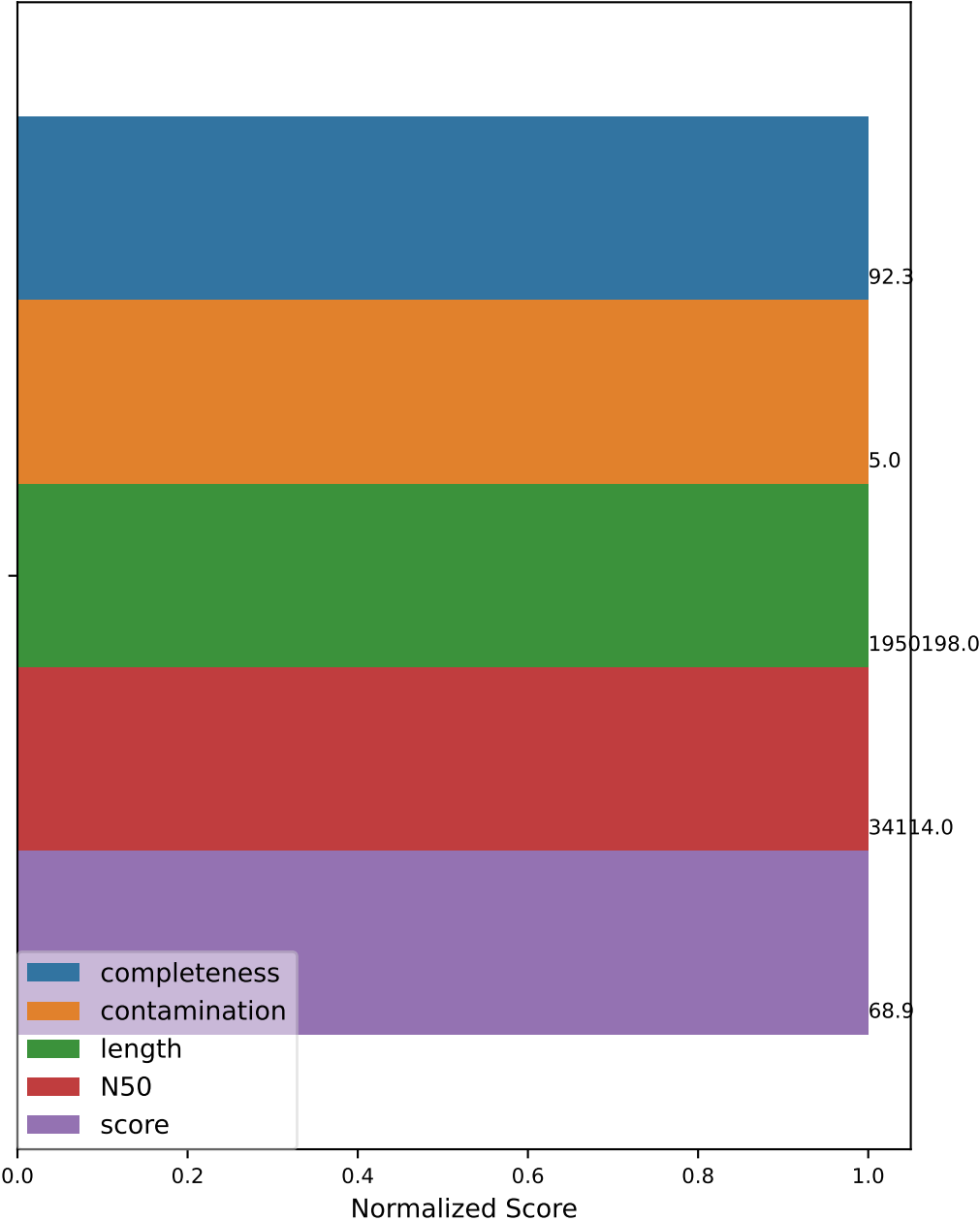
Scoring of cluster 798\_0



Scoring of cluster 799\_0

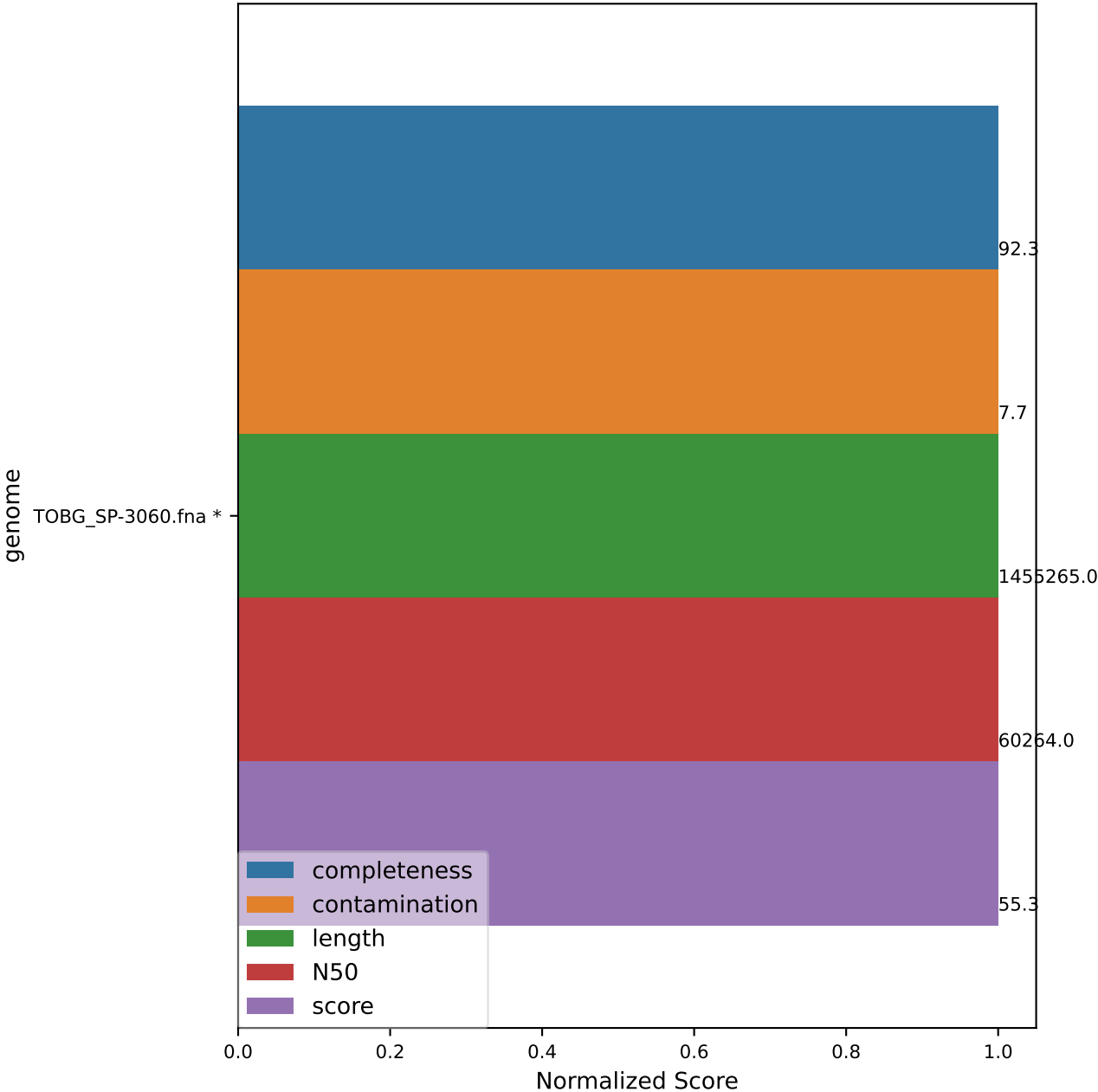
genome

TOBG\_MED-757.fna \*





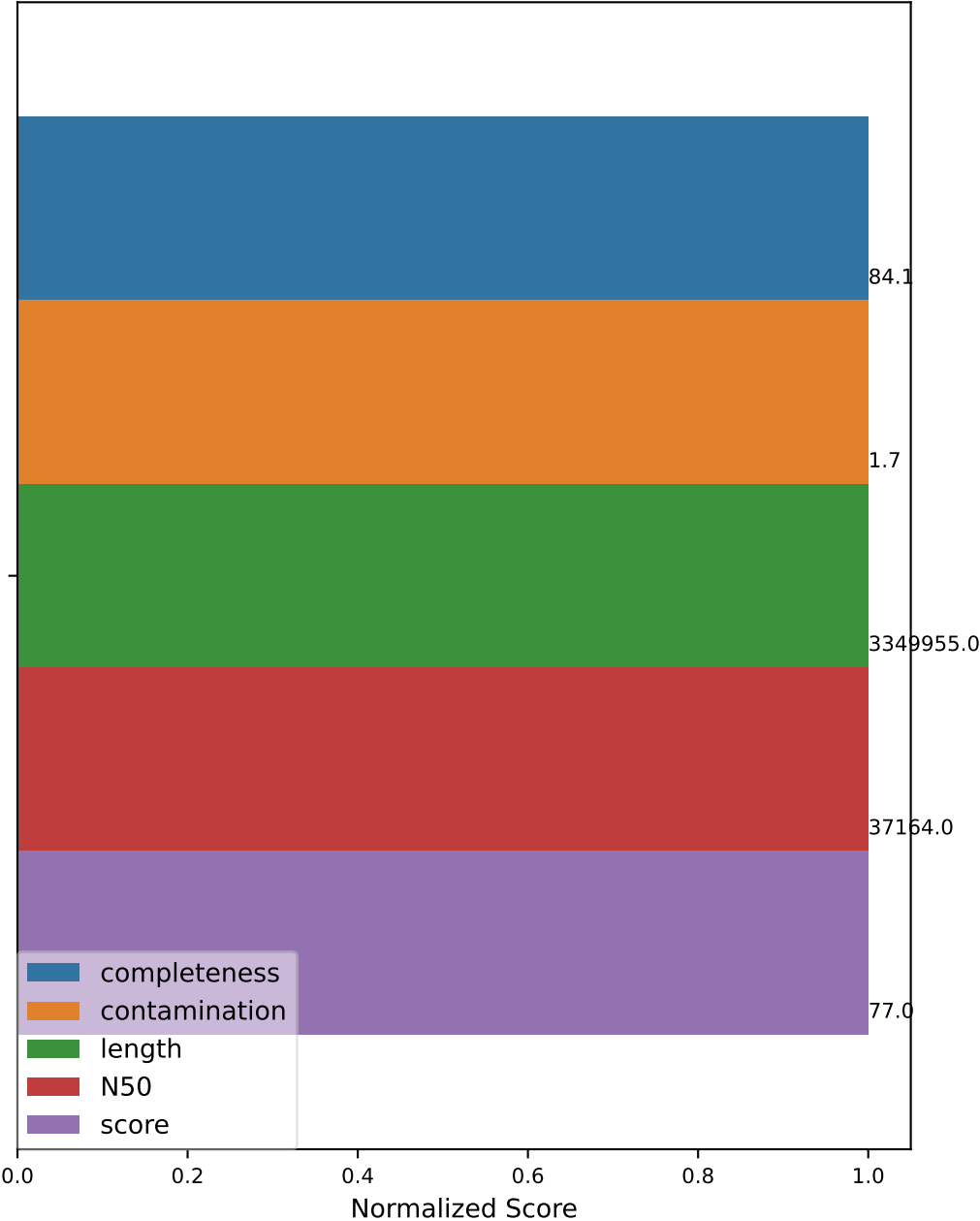
Scoring of cluster 800\_0



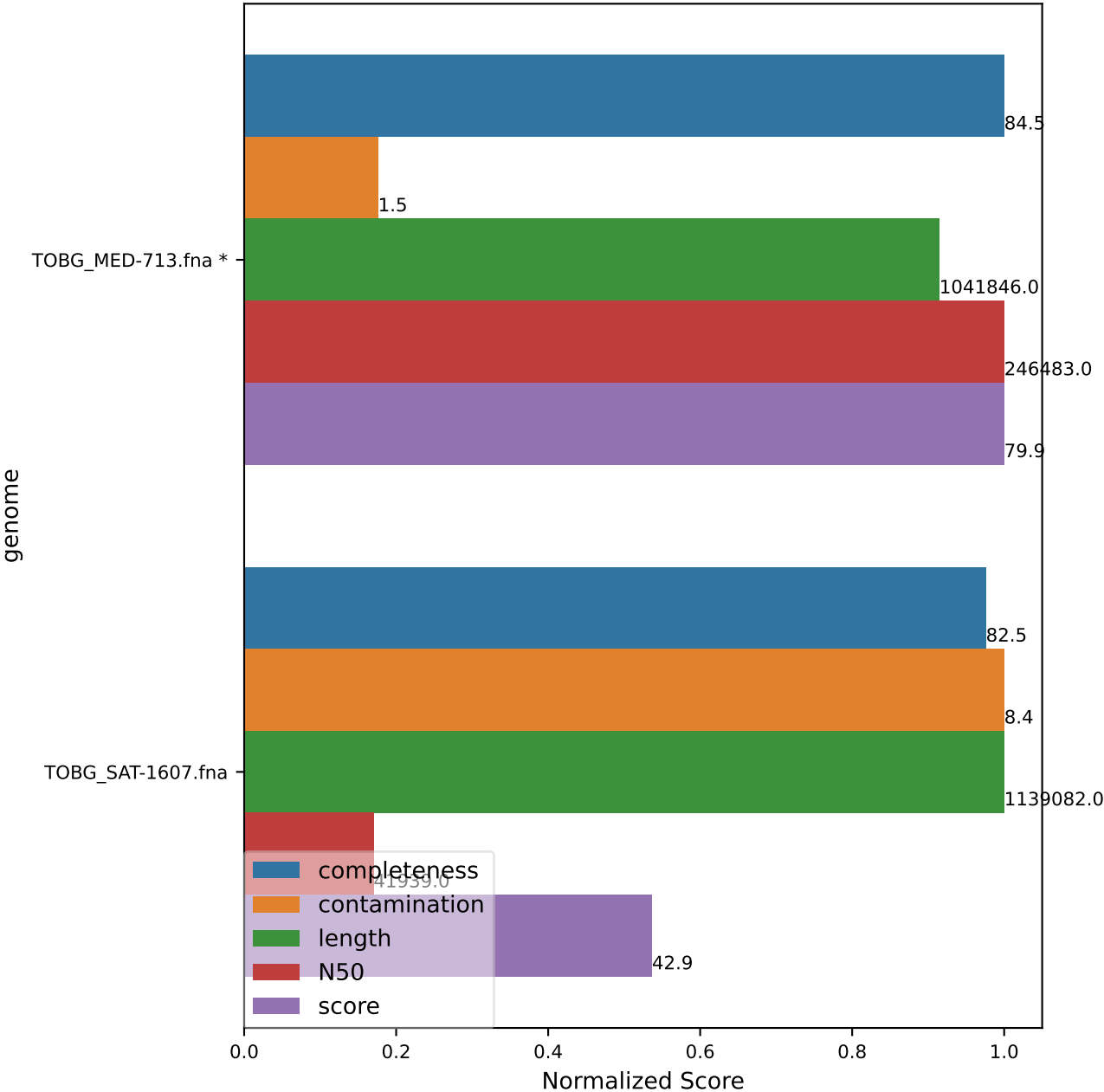
Scoring of cluster 801\_0

genome

TOBG\_SP-84.fna \*



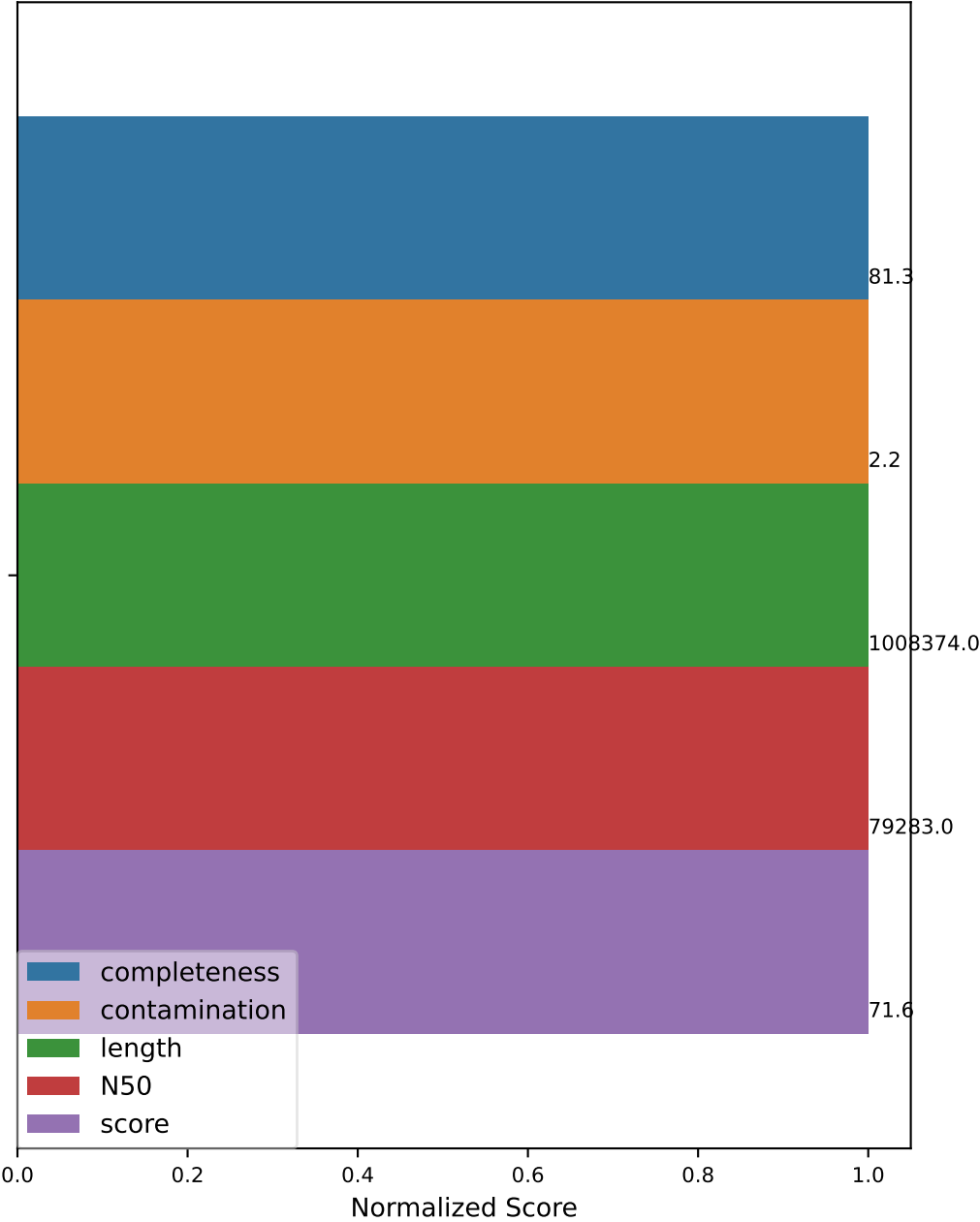
Scoring of cluster 802\_1



Scoring of cluster 803\_0

genome

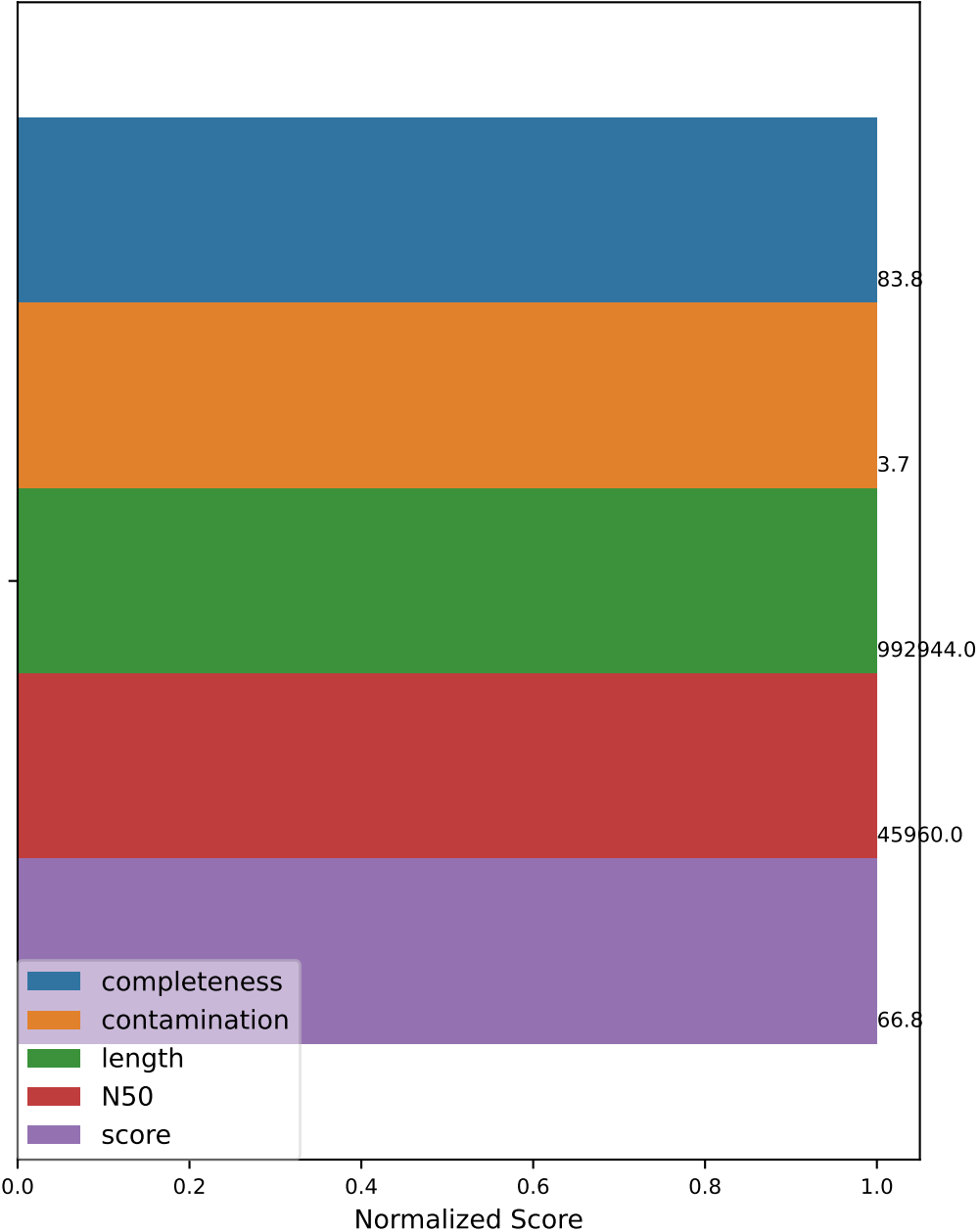
TOBG\_NAT-510.fna \*



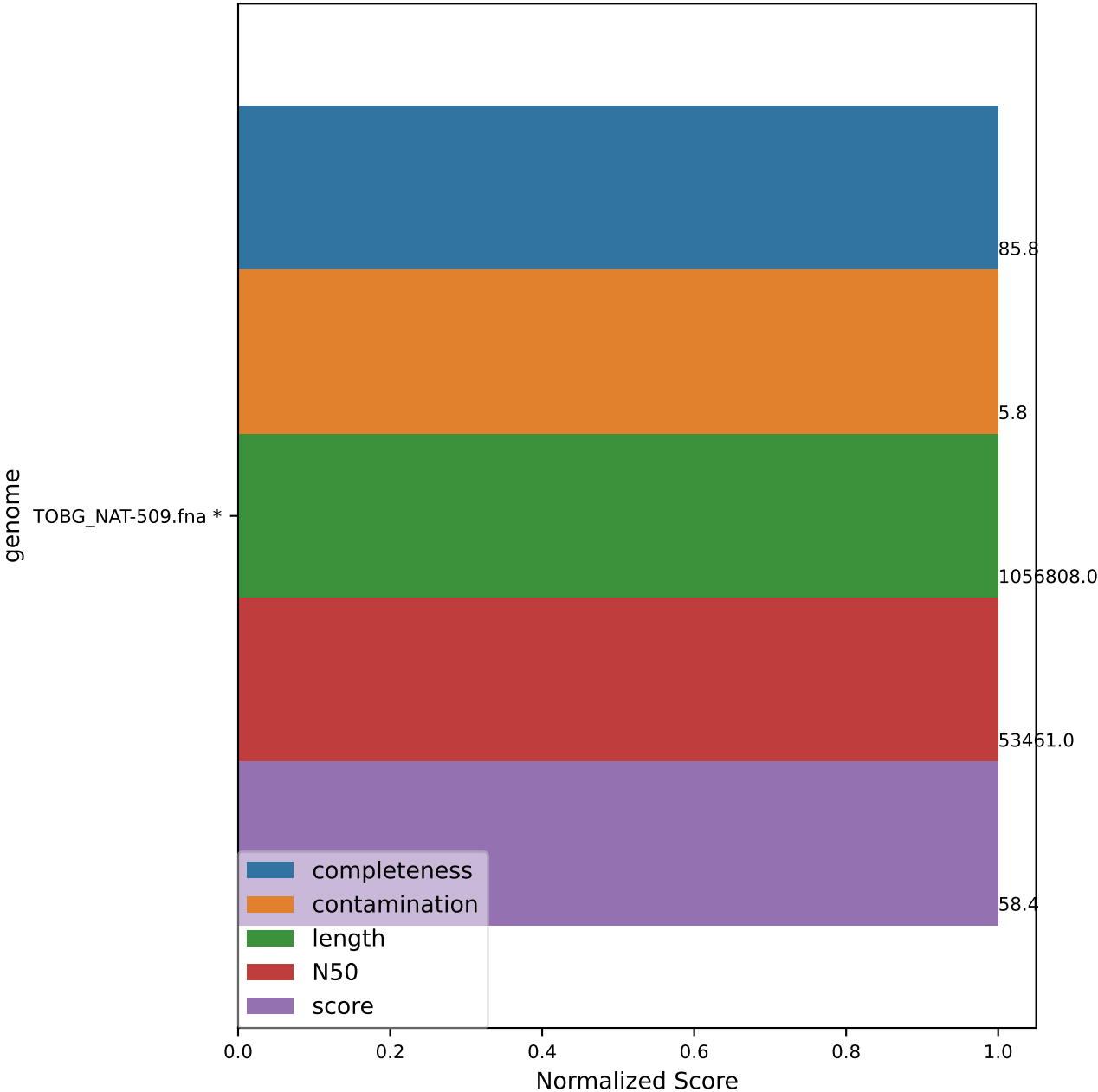
Scoring of cluster 804\_0

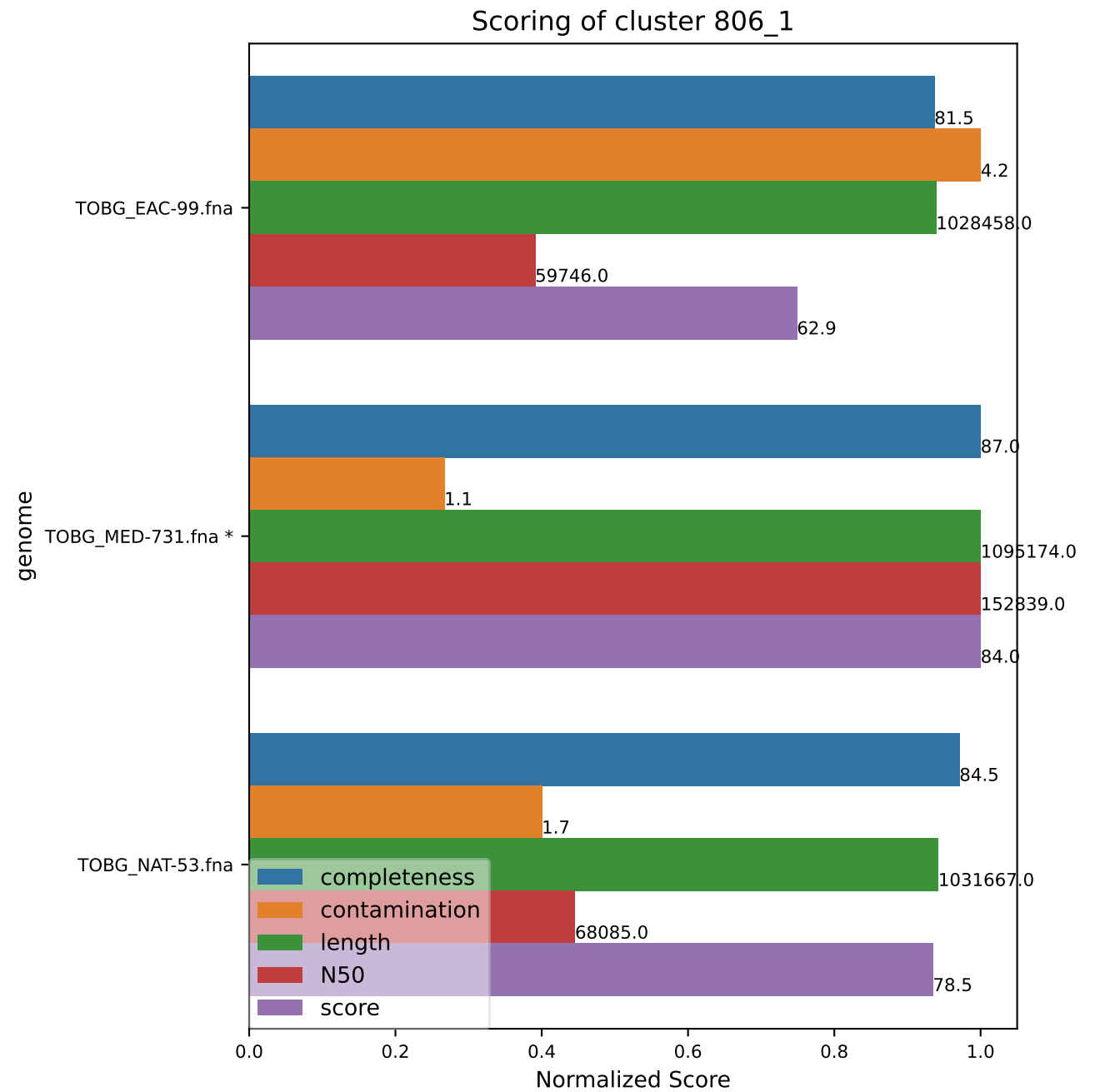
genome

TOBG\_SAT-211.fna \*



Scoring of cluster 805\_0

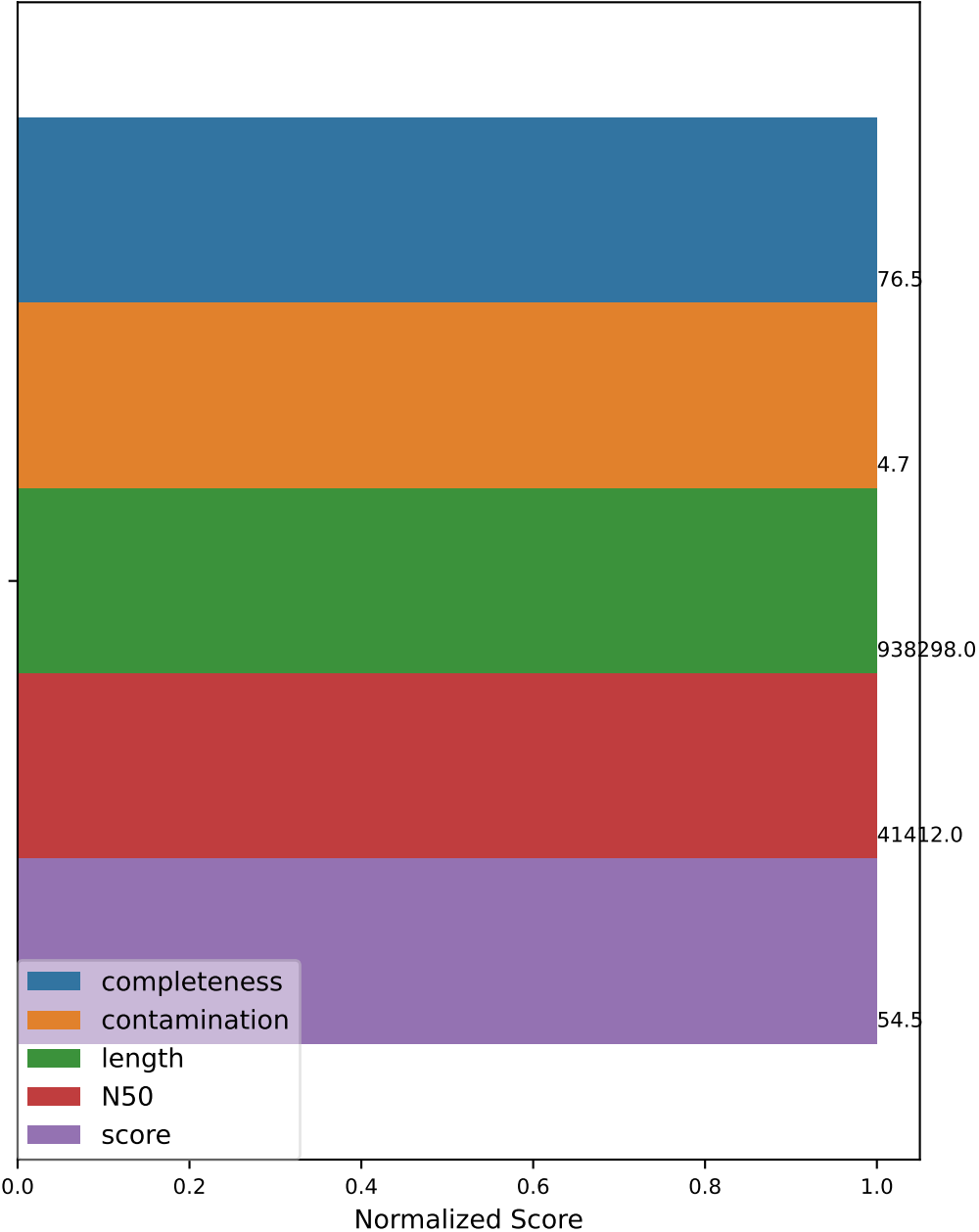




Scoring of cluster 807\_0

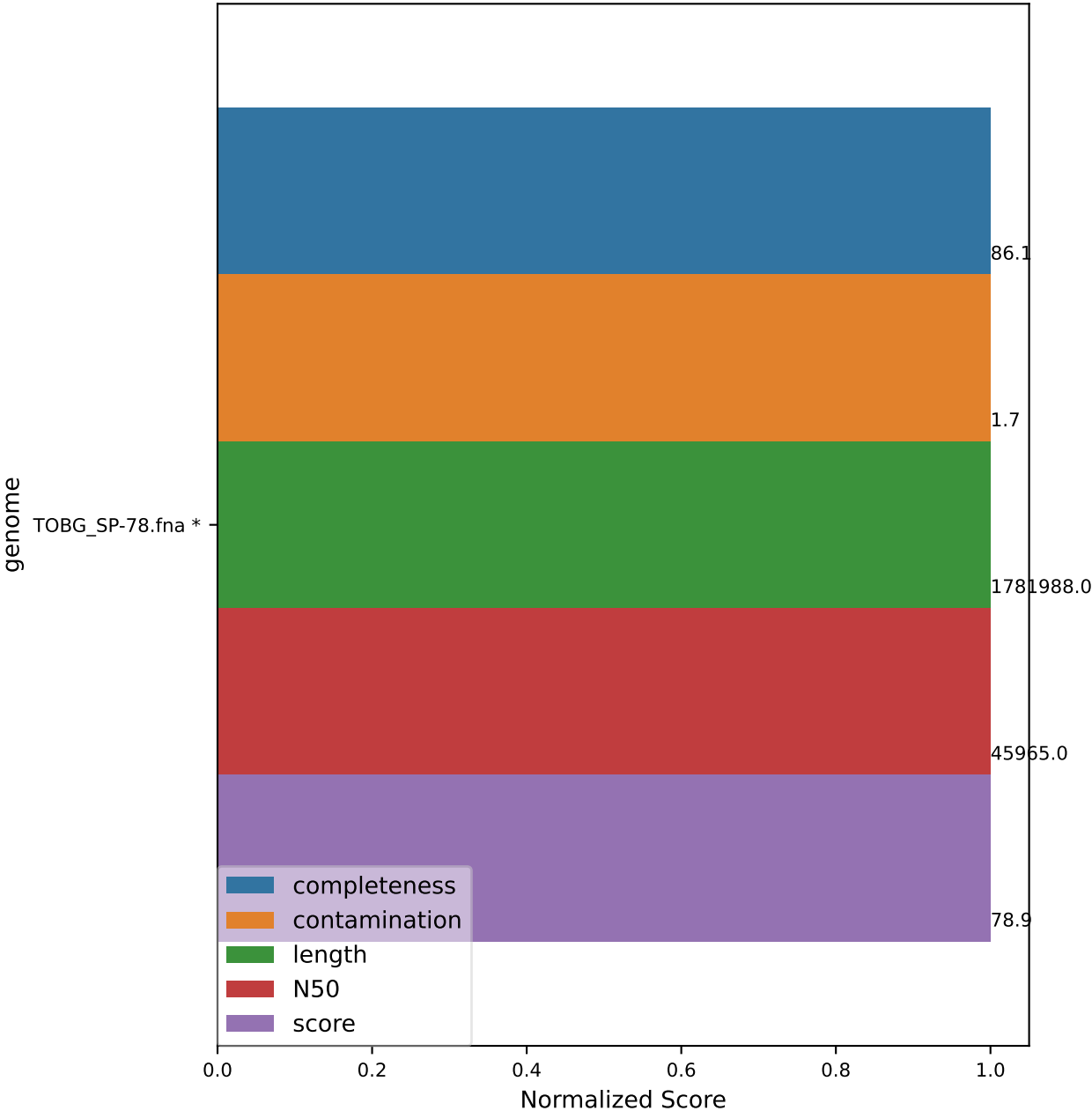
genome

TOBG\_NAT-430.fna \*

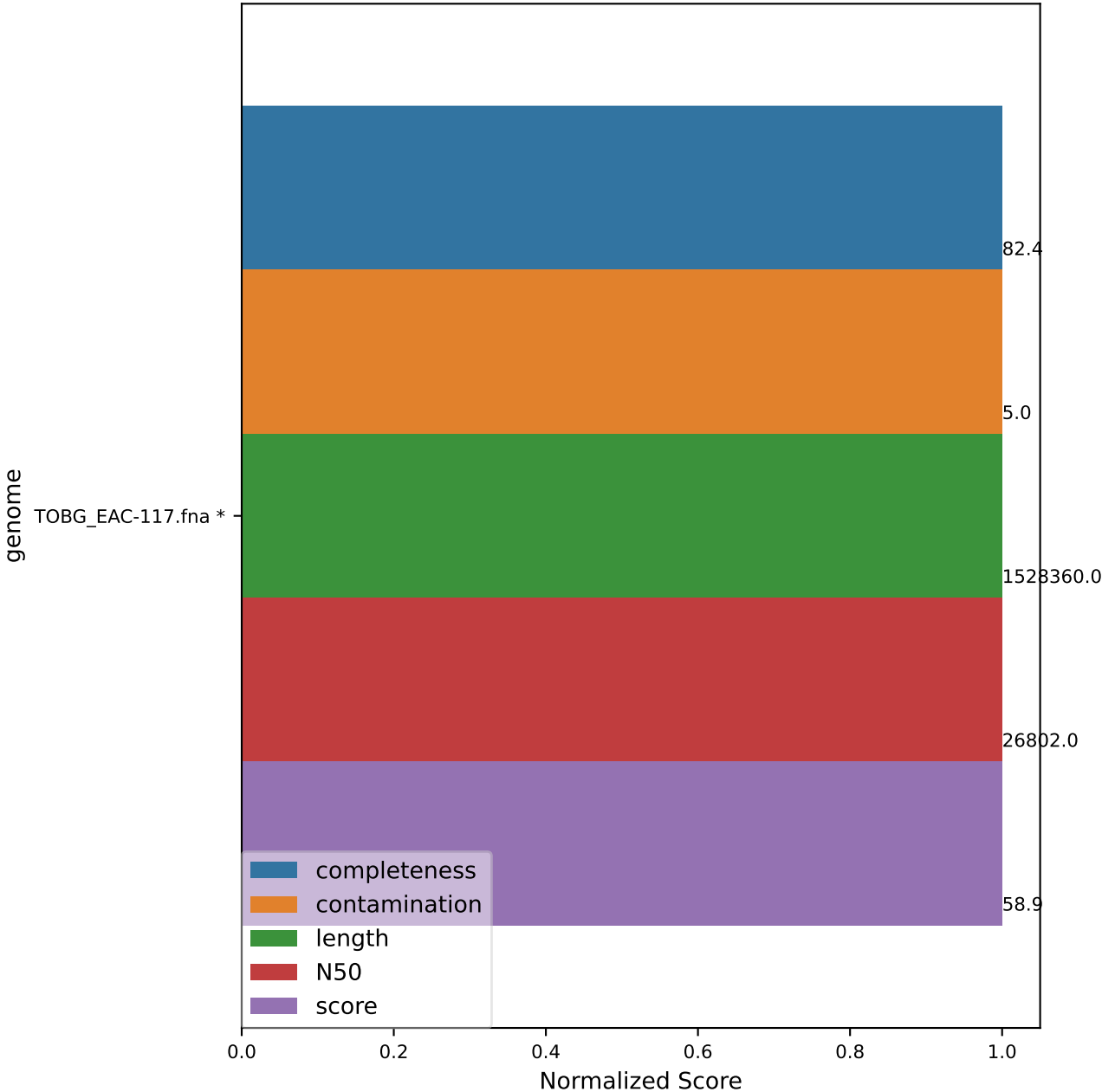




Scoring of cluster 808\_0



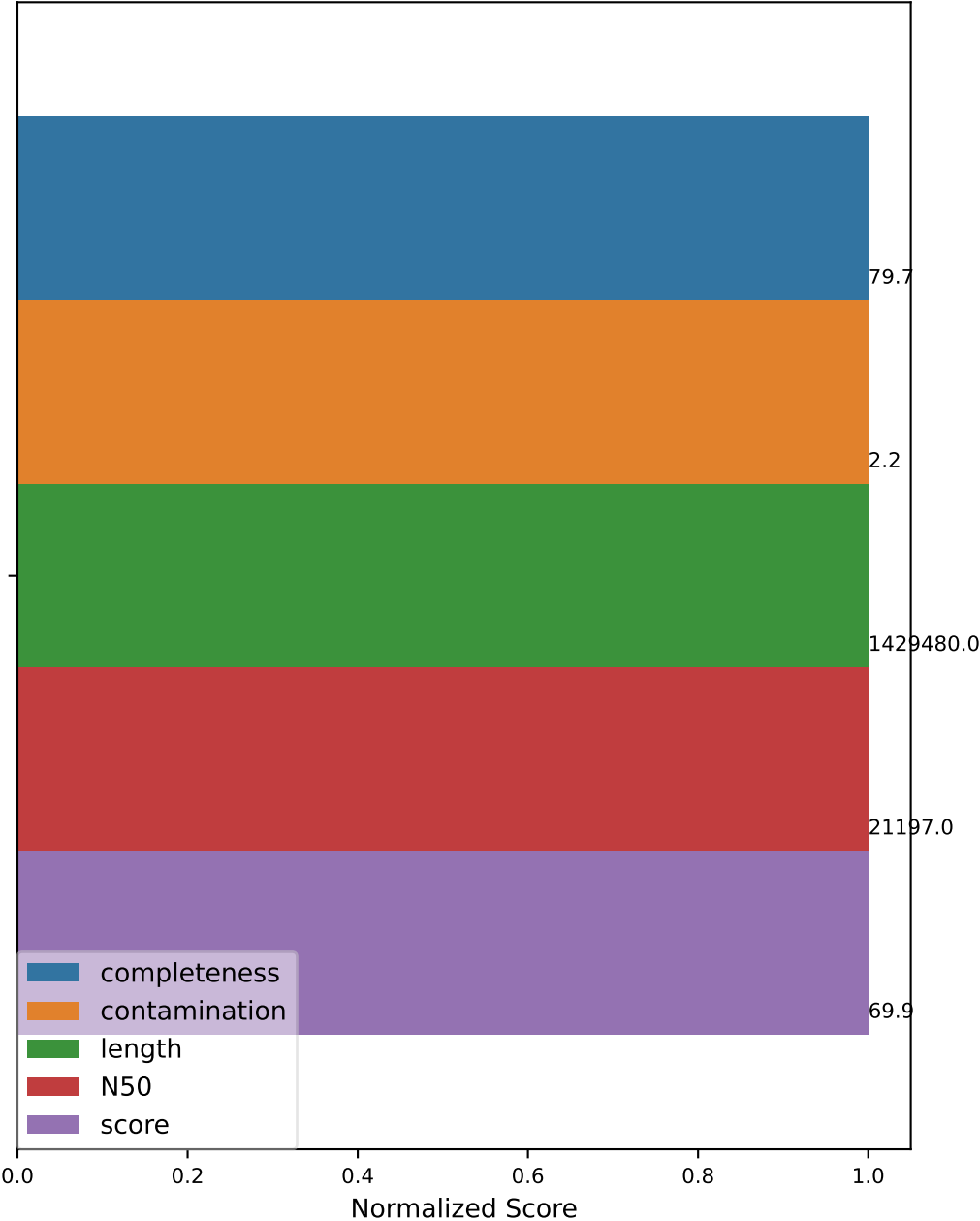
Scoring of cluster 809\_0



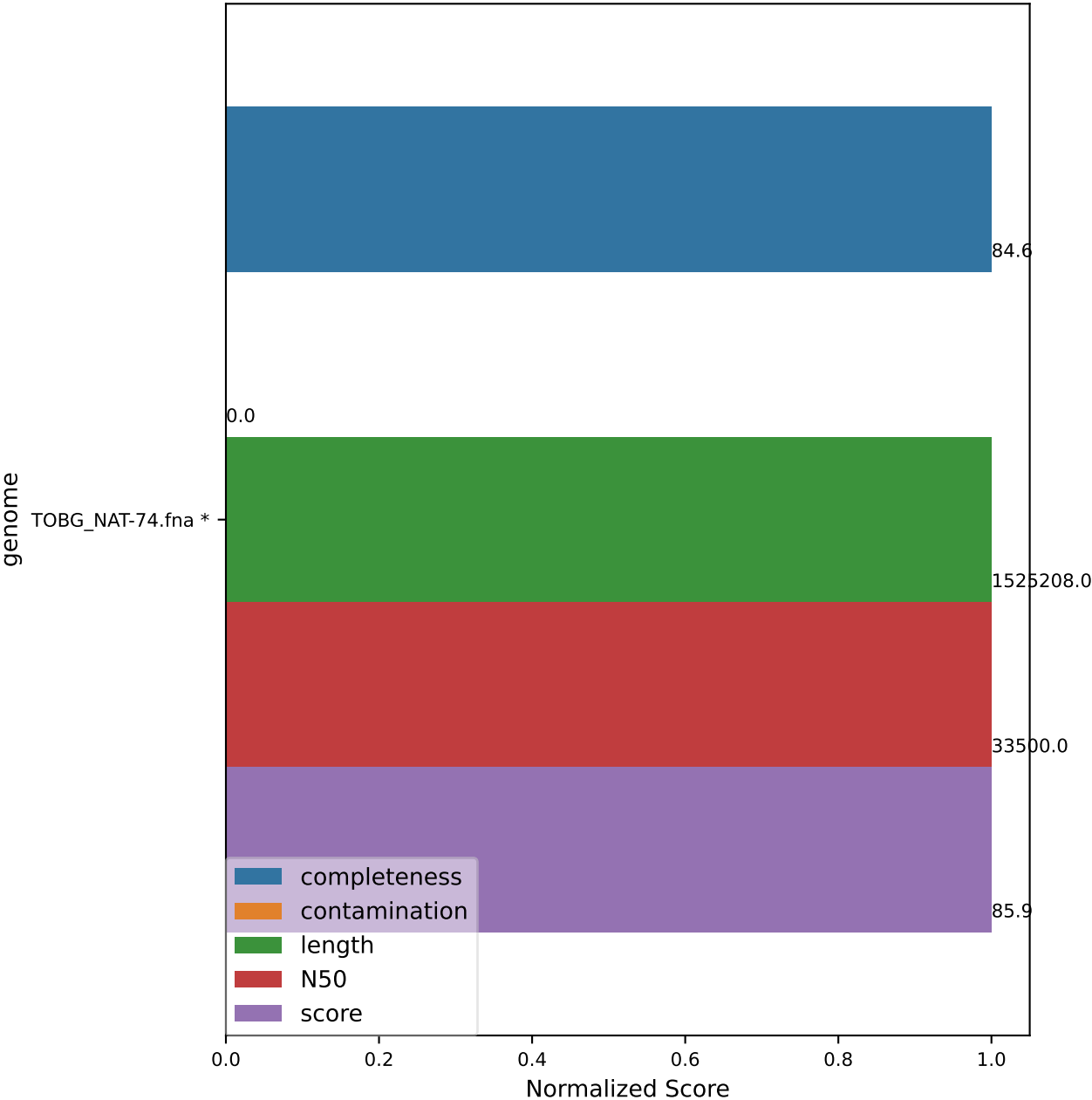
Scoring of cluster 810\_0

genome

TOBG\_SAT-1450.fna \*



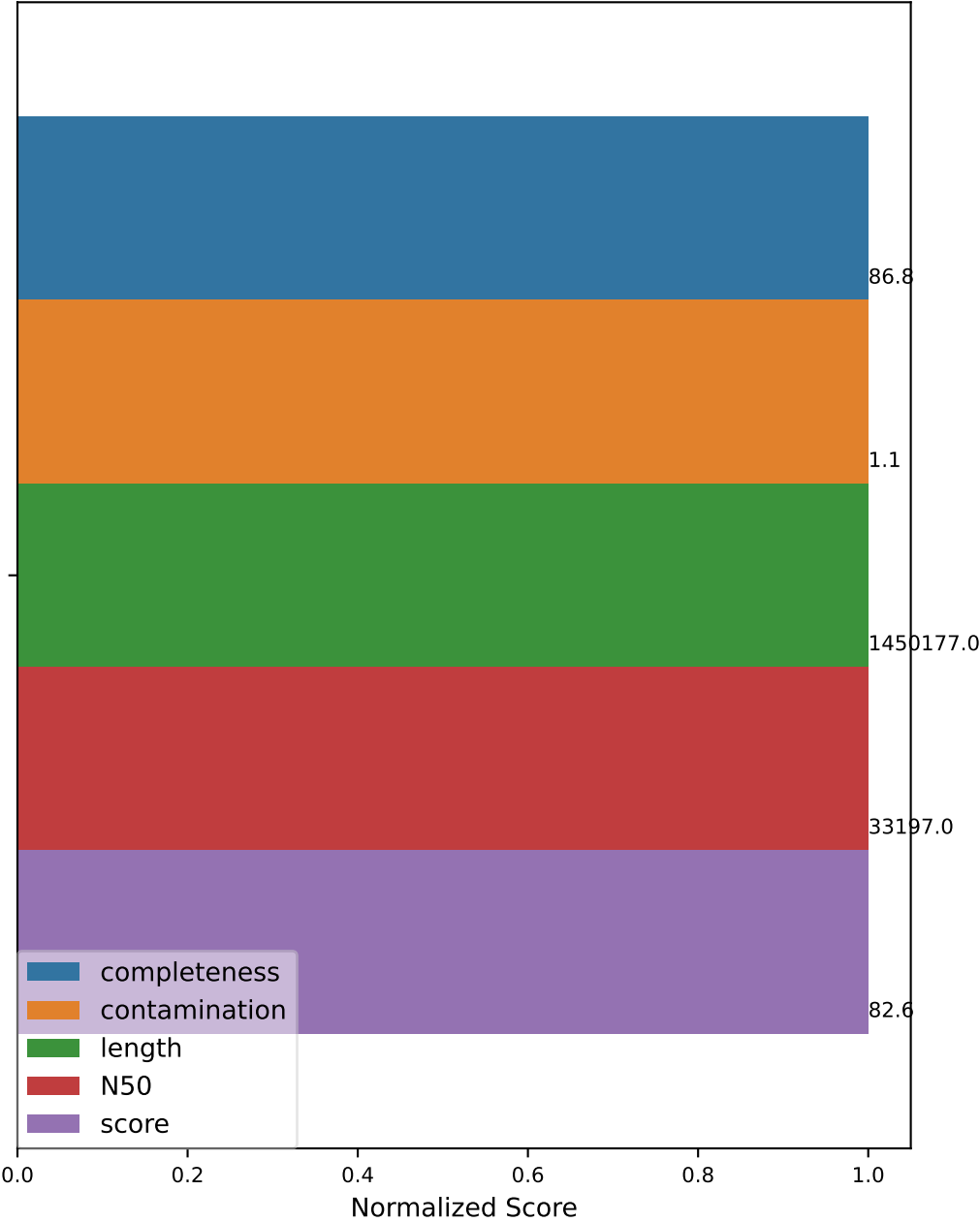
Scoring of cluster 811\_0

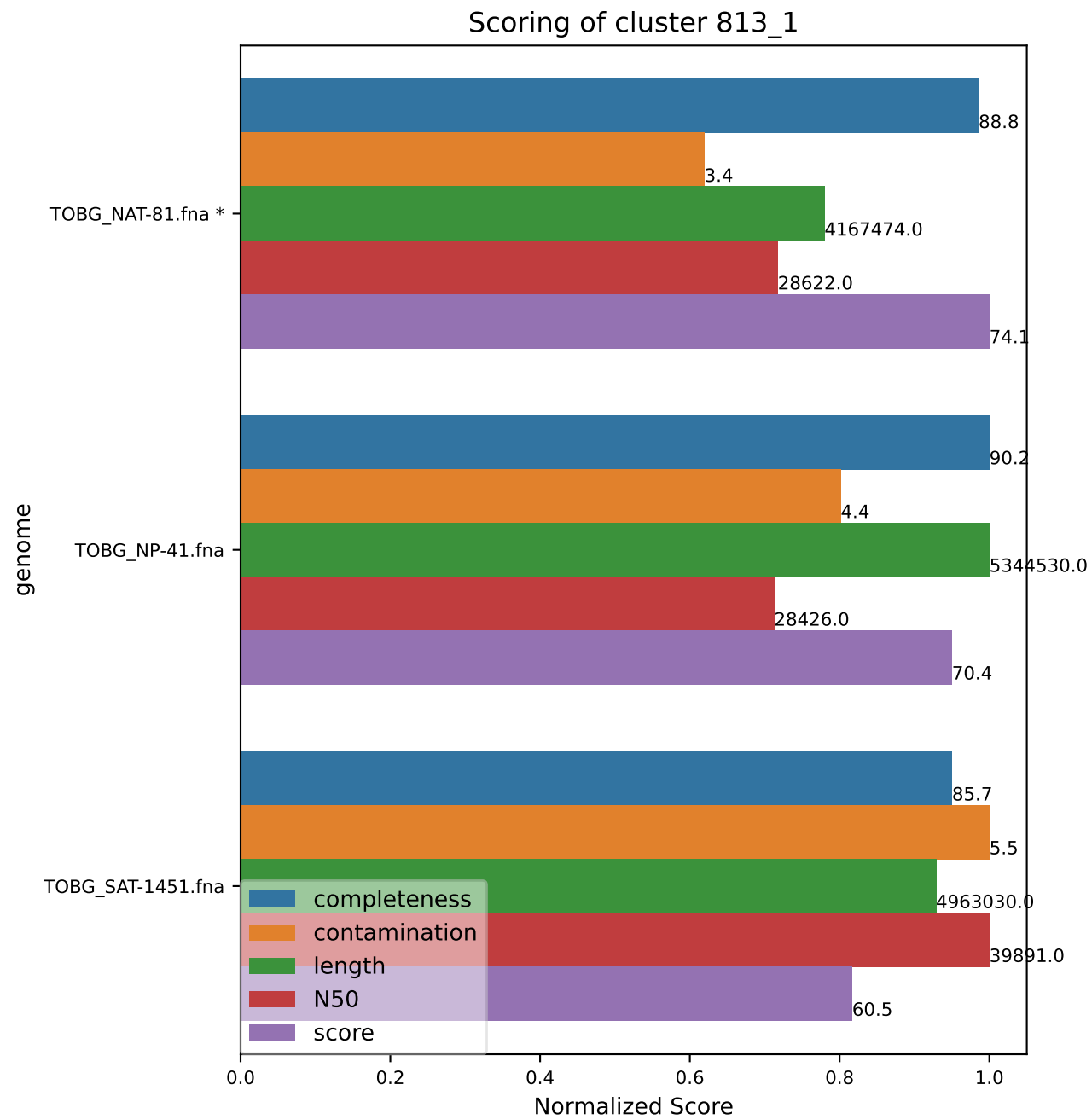


Scoring of cluster 812\_0

genome

TOBG\_NAT-62.fna \*

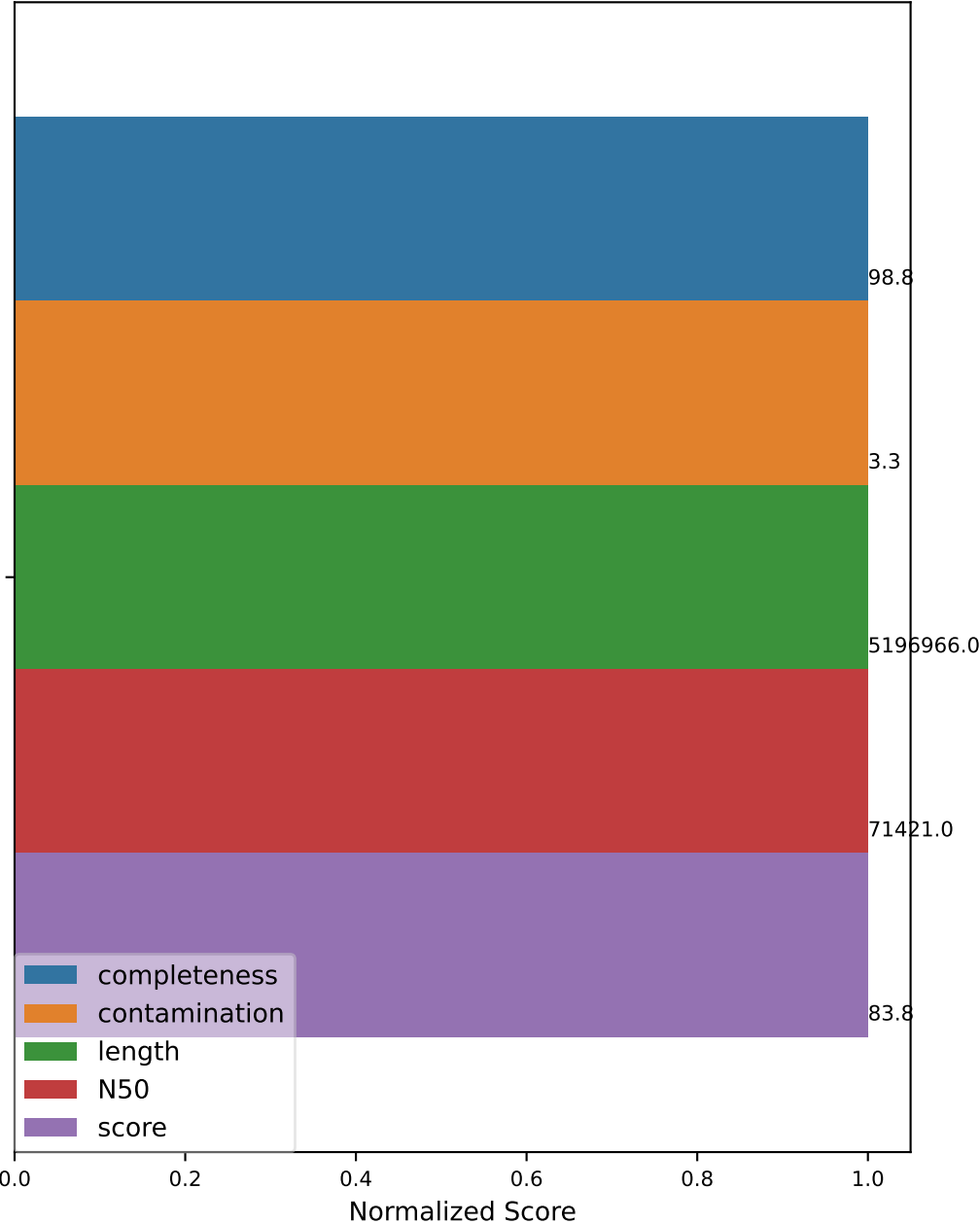




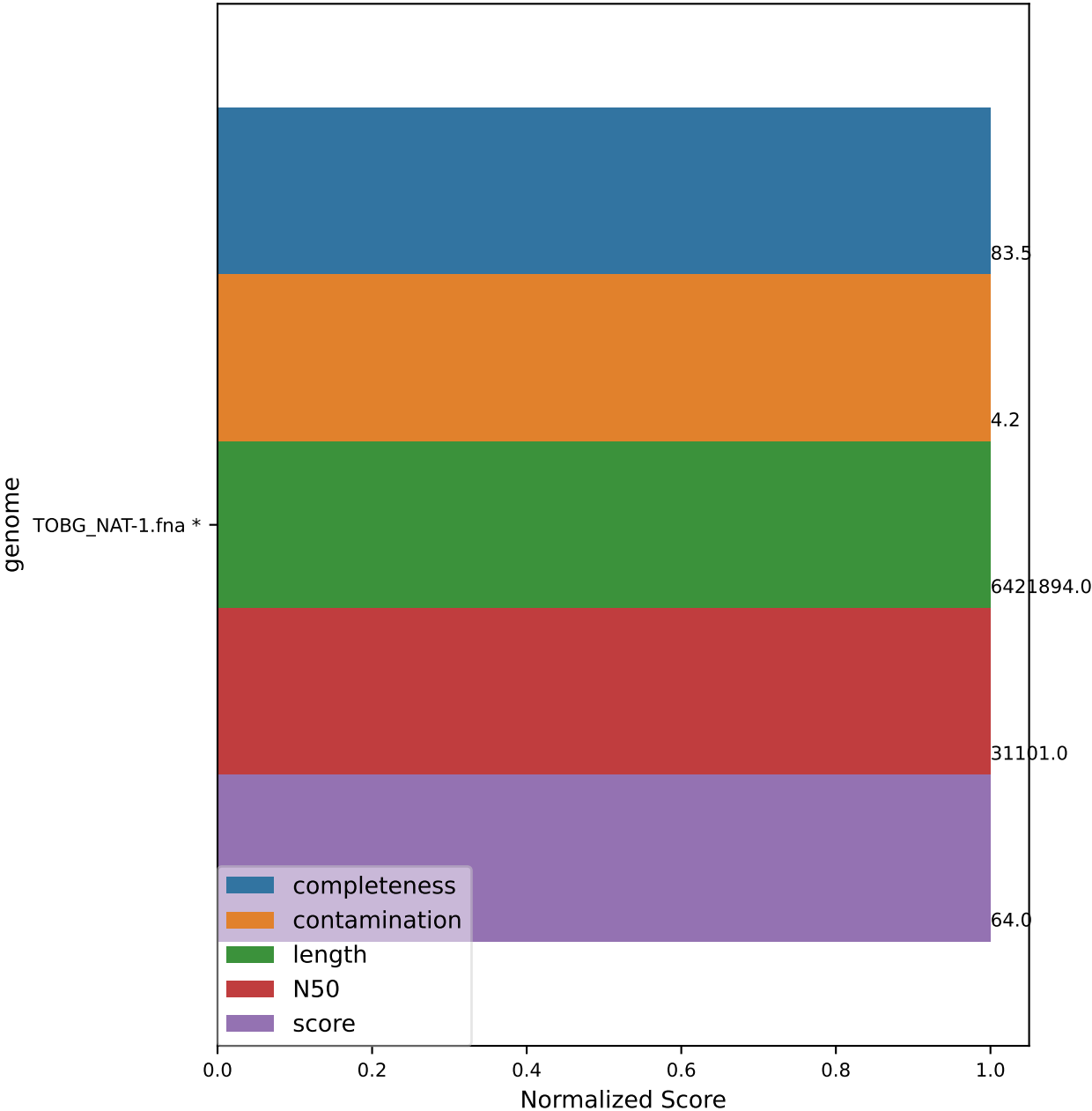
Scoring of cluster 814\_0

genome

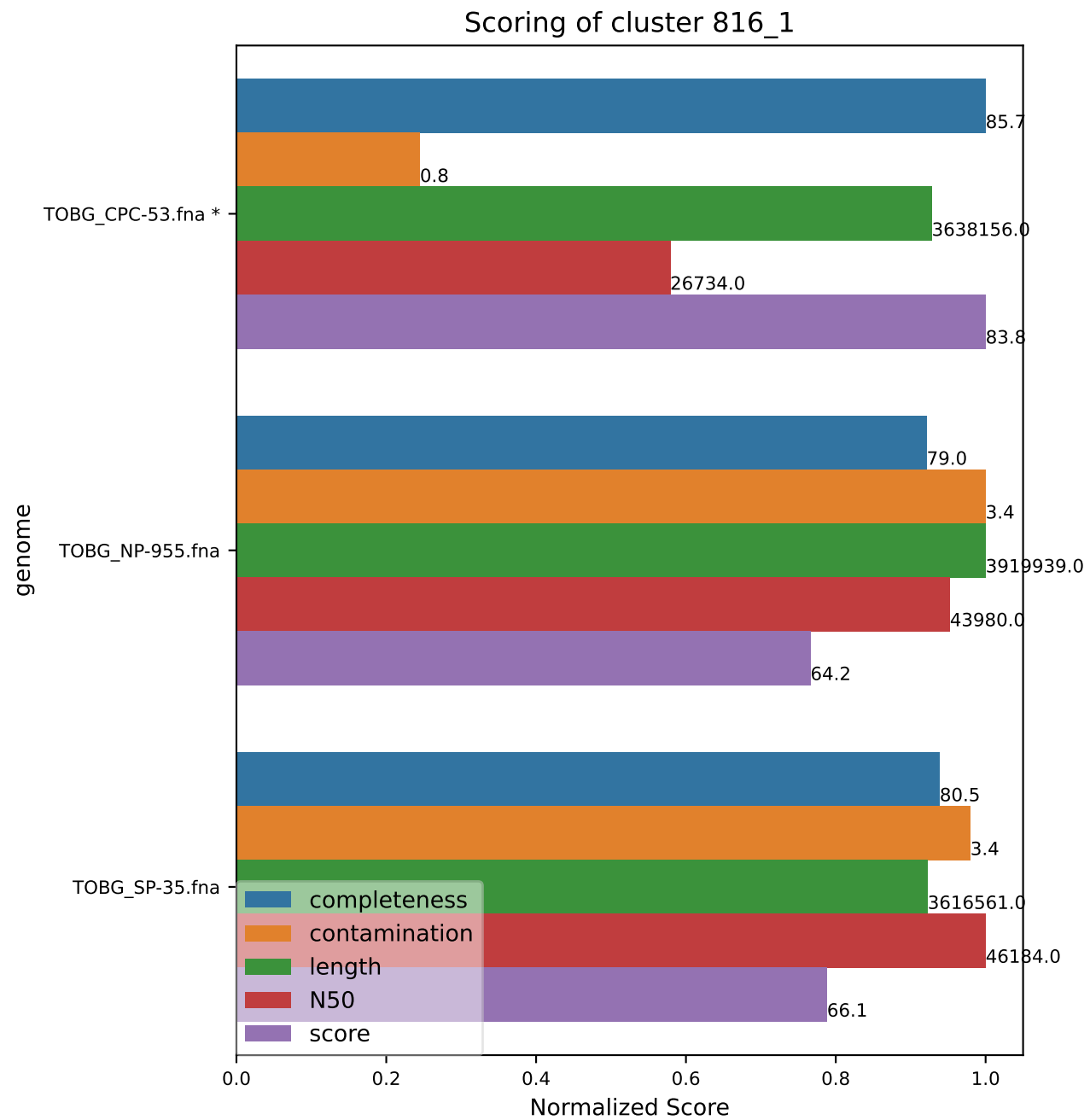
TOBG\_SP-142.fna \*



Scoring of cluster 815\_0



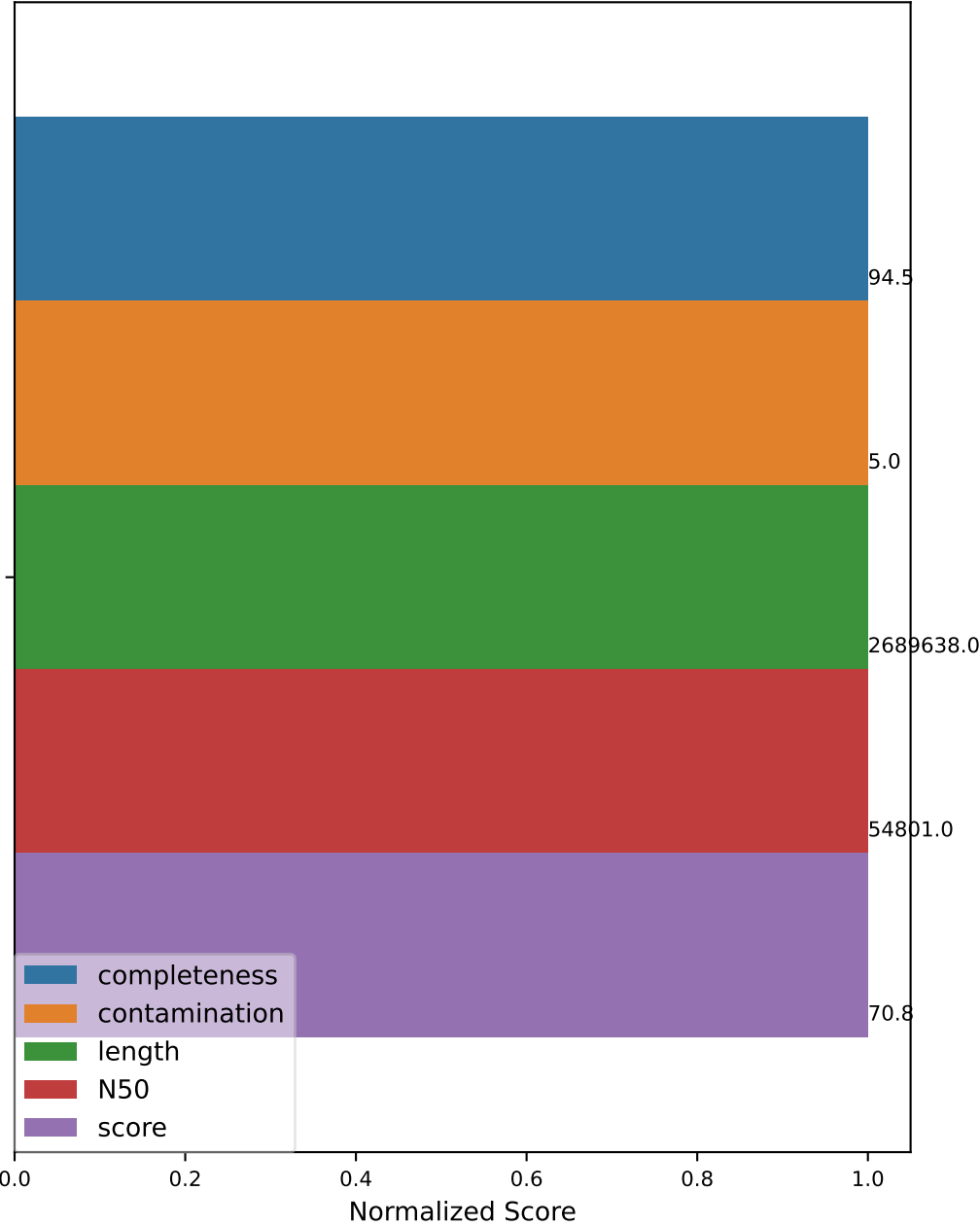




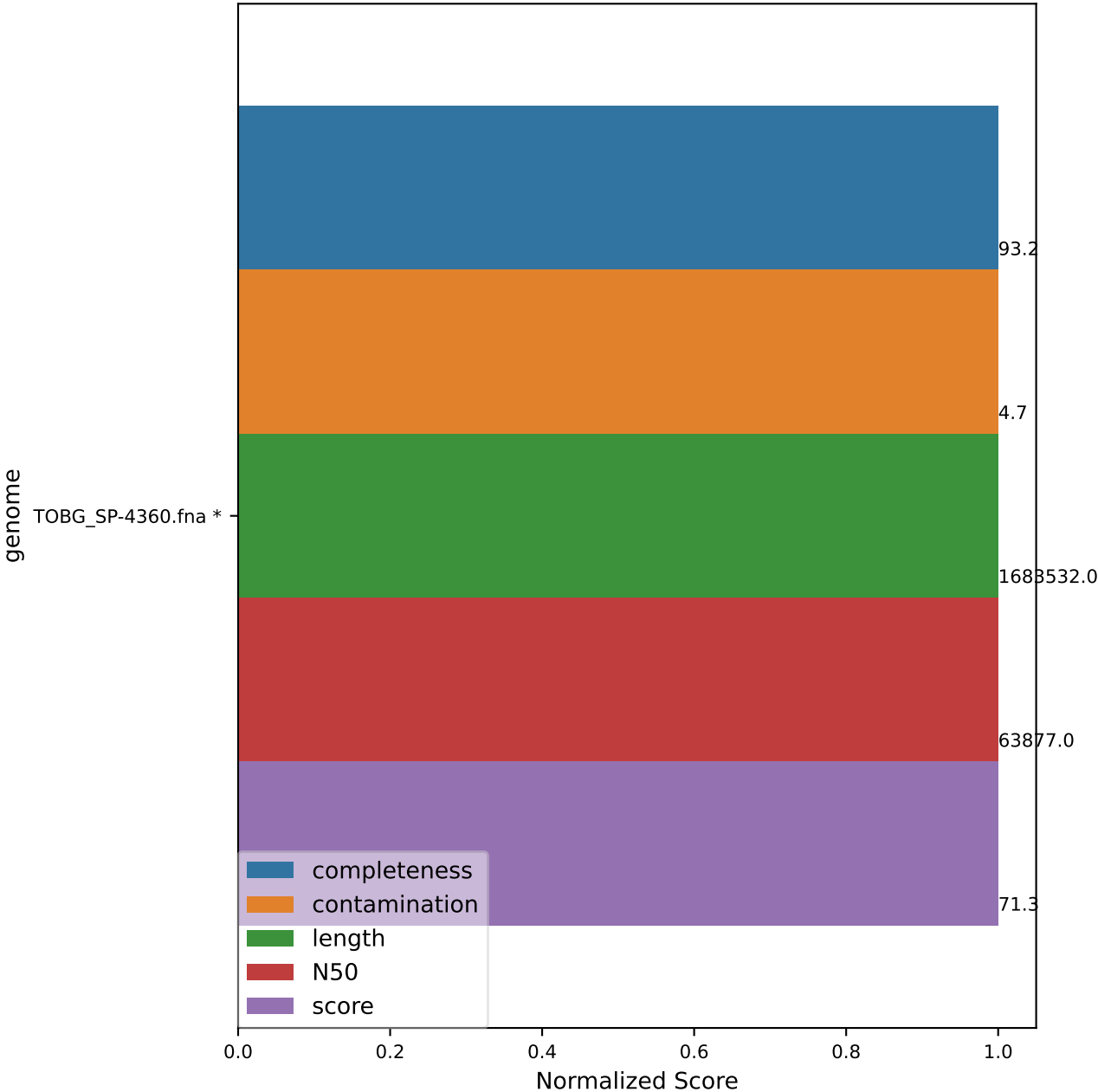
Scoring of cluster 817\_0

genome

TOBG\_RS-826.fna \*



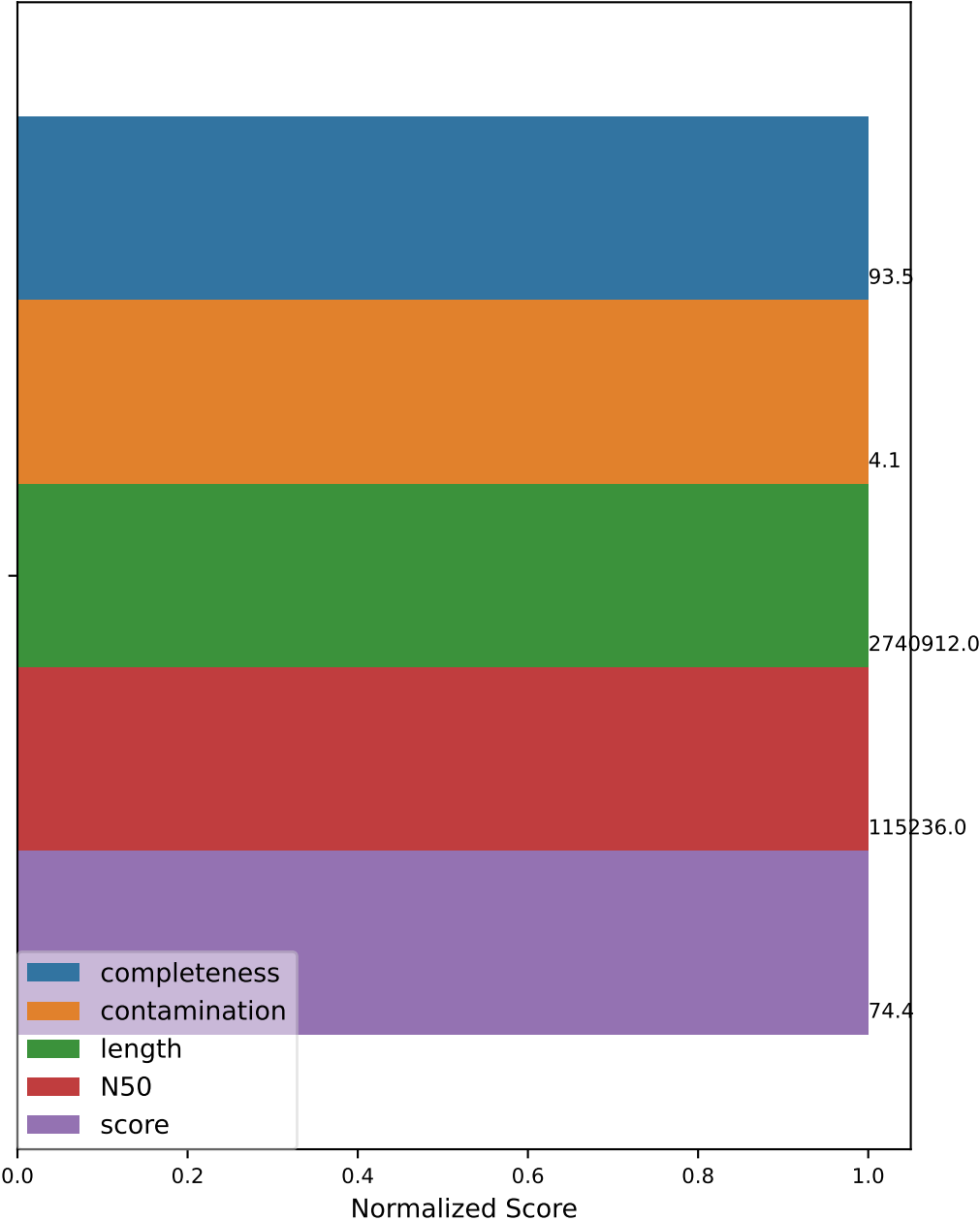
Scoring of cluster 818\_0



Scoring of cluster 819\_0

genome

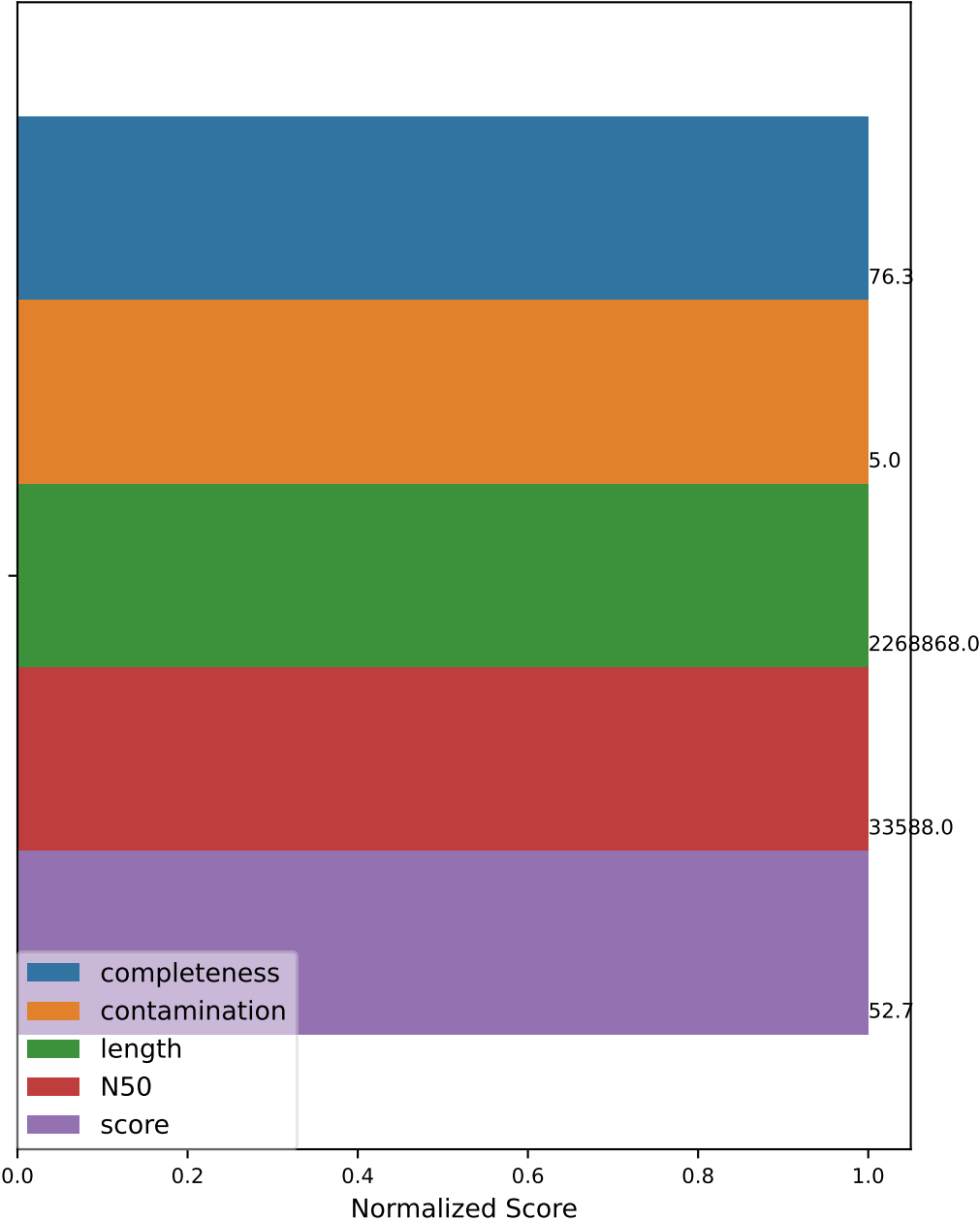
TOBG\_SP-102.fna \*

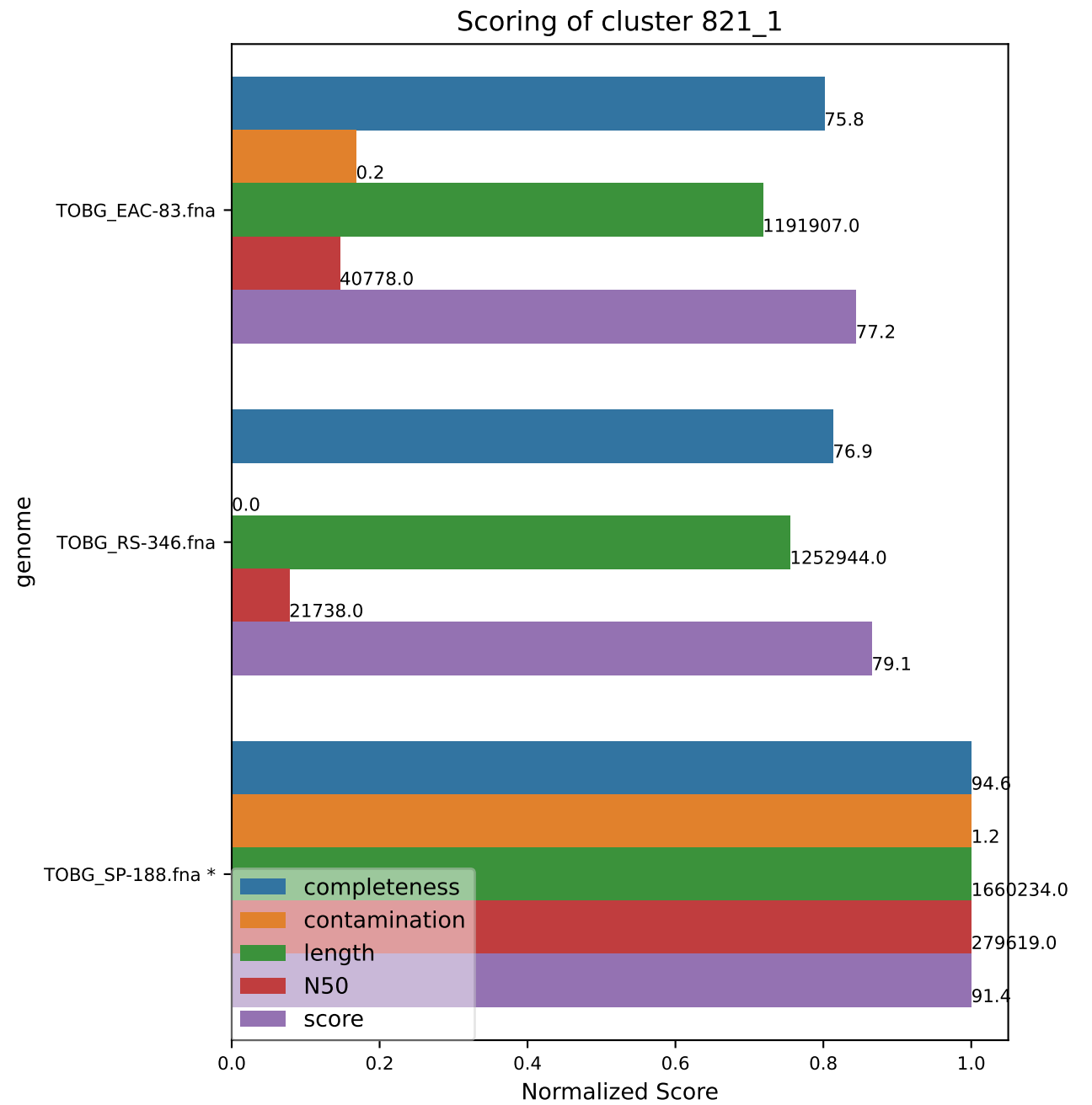


Scoring of cluster 820\_0

genome

TOBG\_SP-3966.fna \*

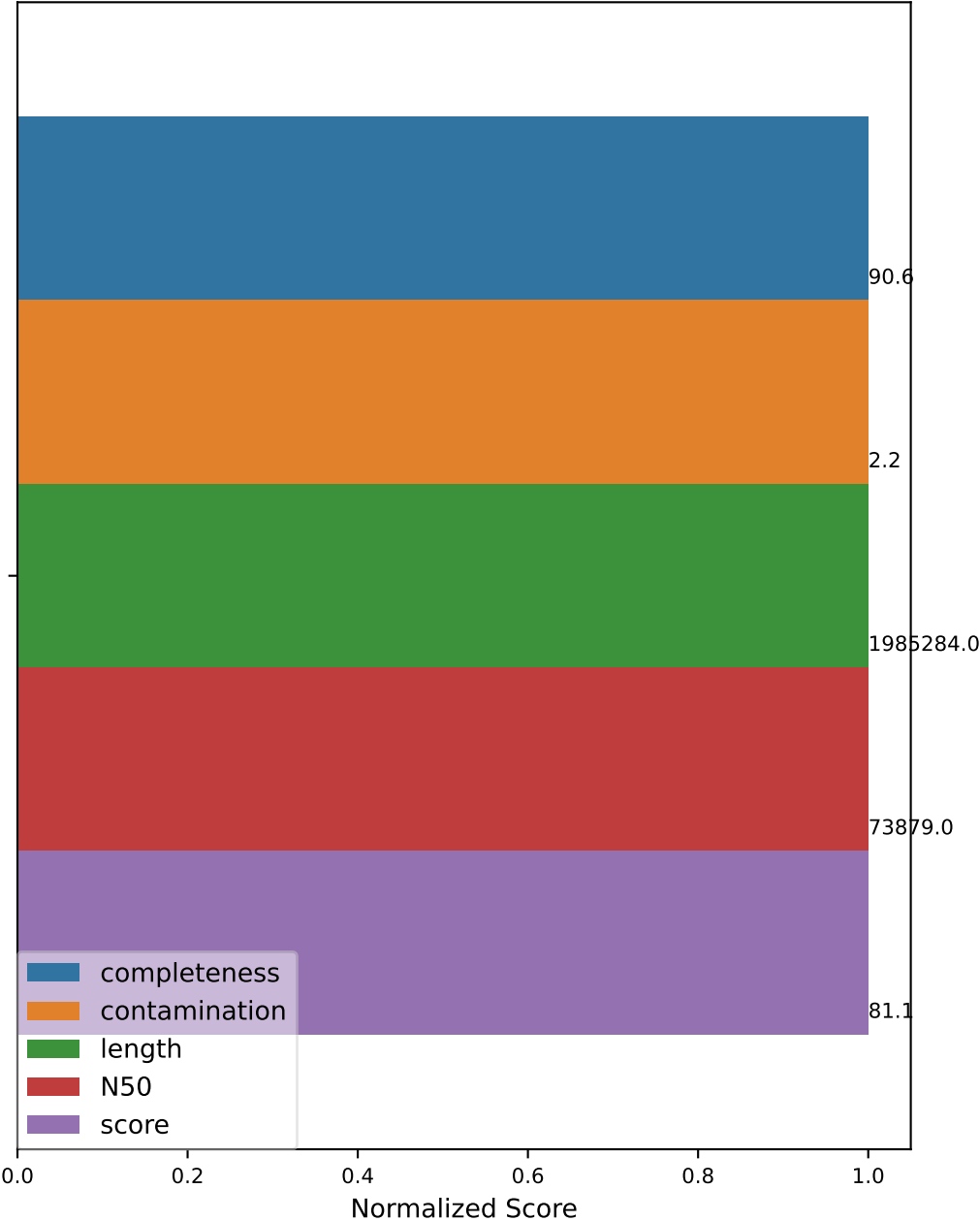




Scoring of cluster 822\_0

genome

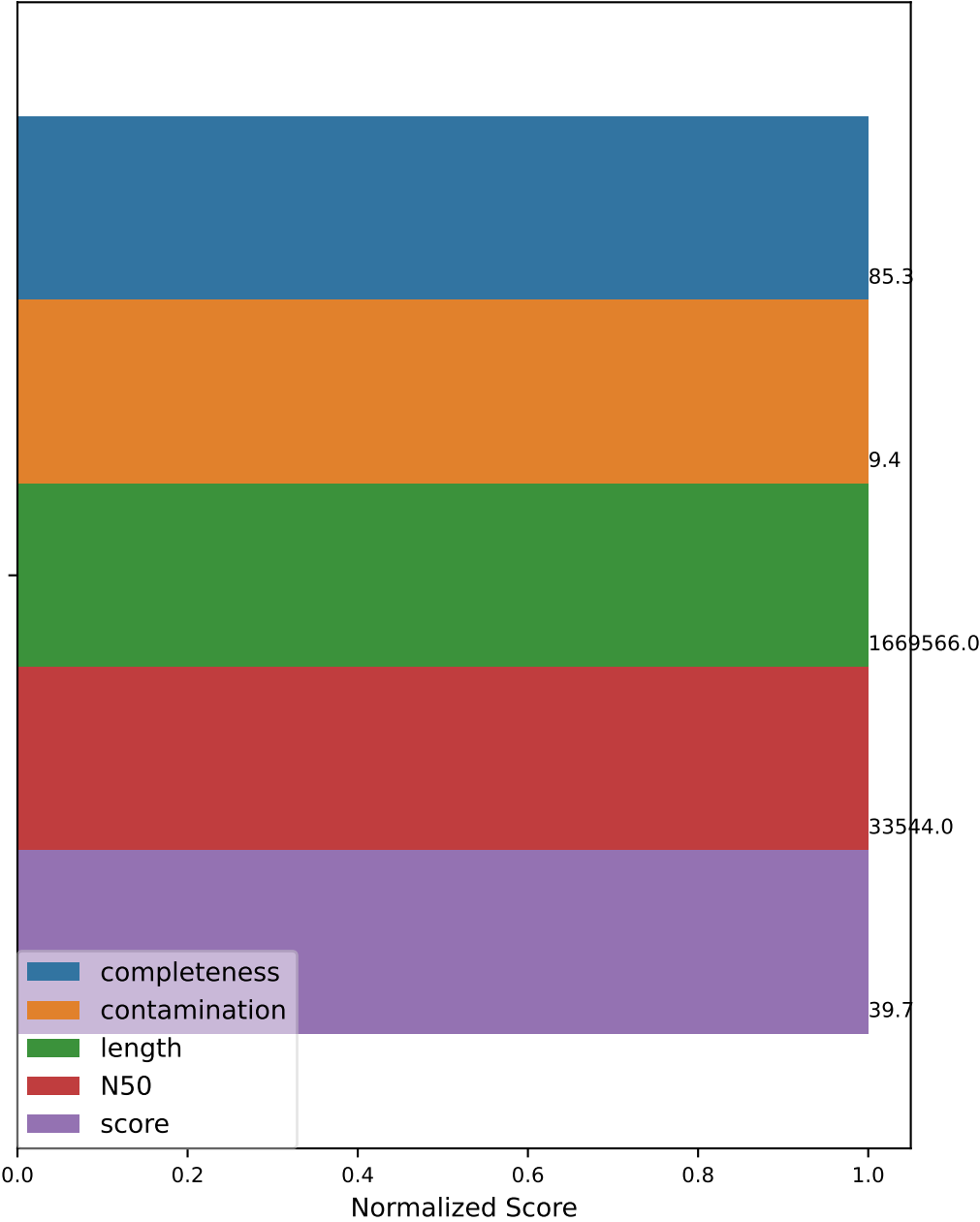
TOBG\_SP-343.fna \*



Scoring of cluster 823\_0

genome

TOBG\_NAT-220.fna \*

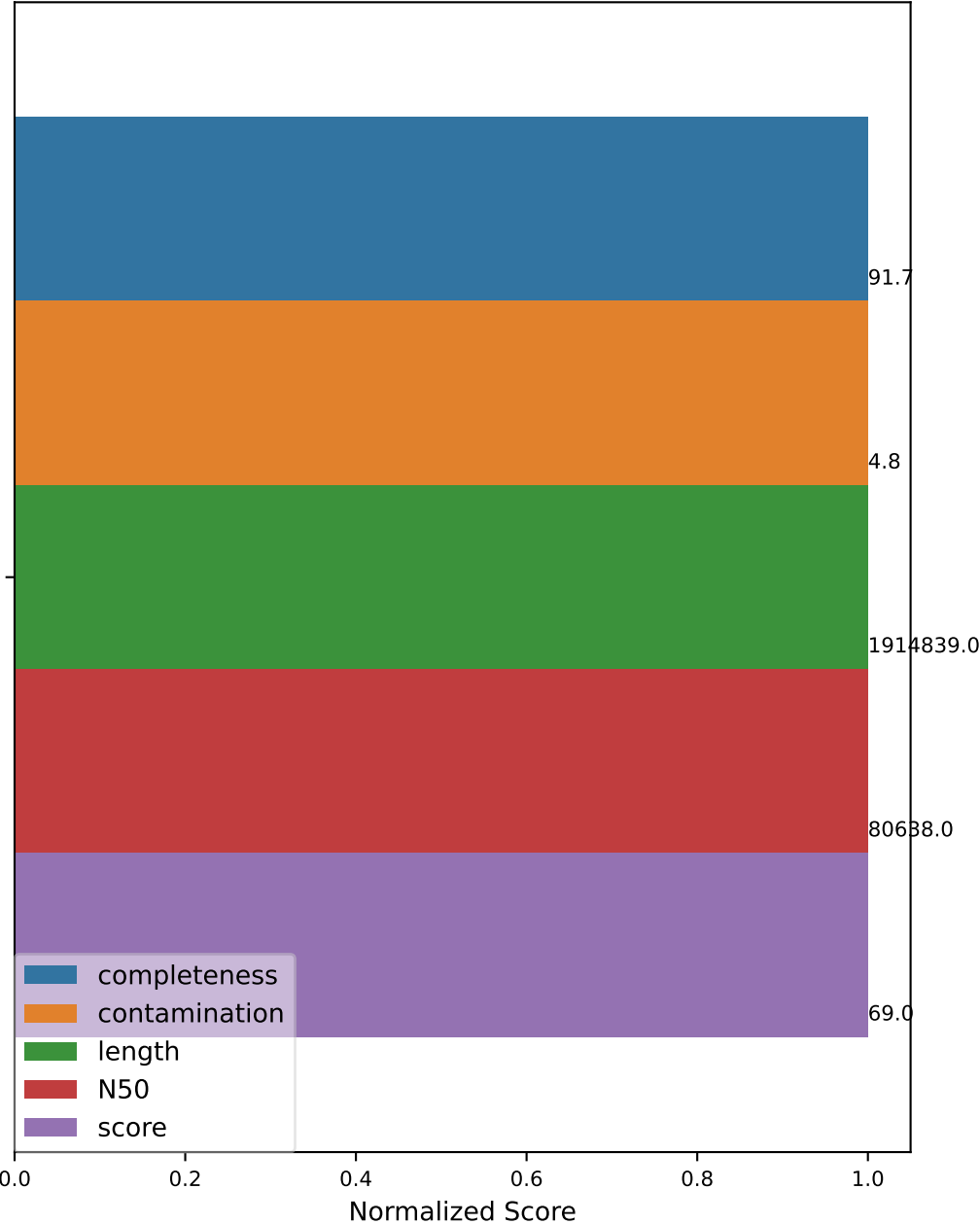




Scoring of cluster 824\_0

genome

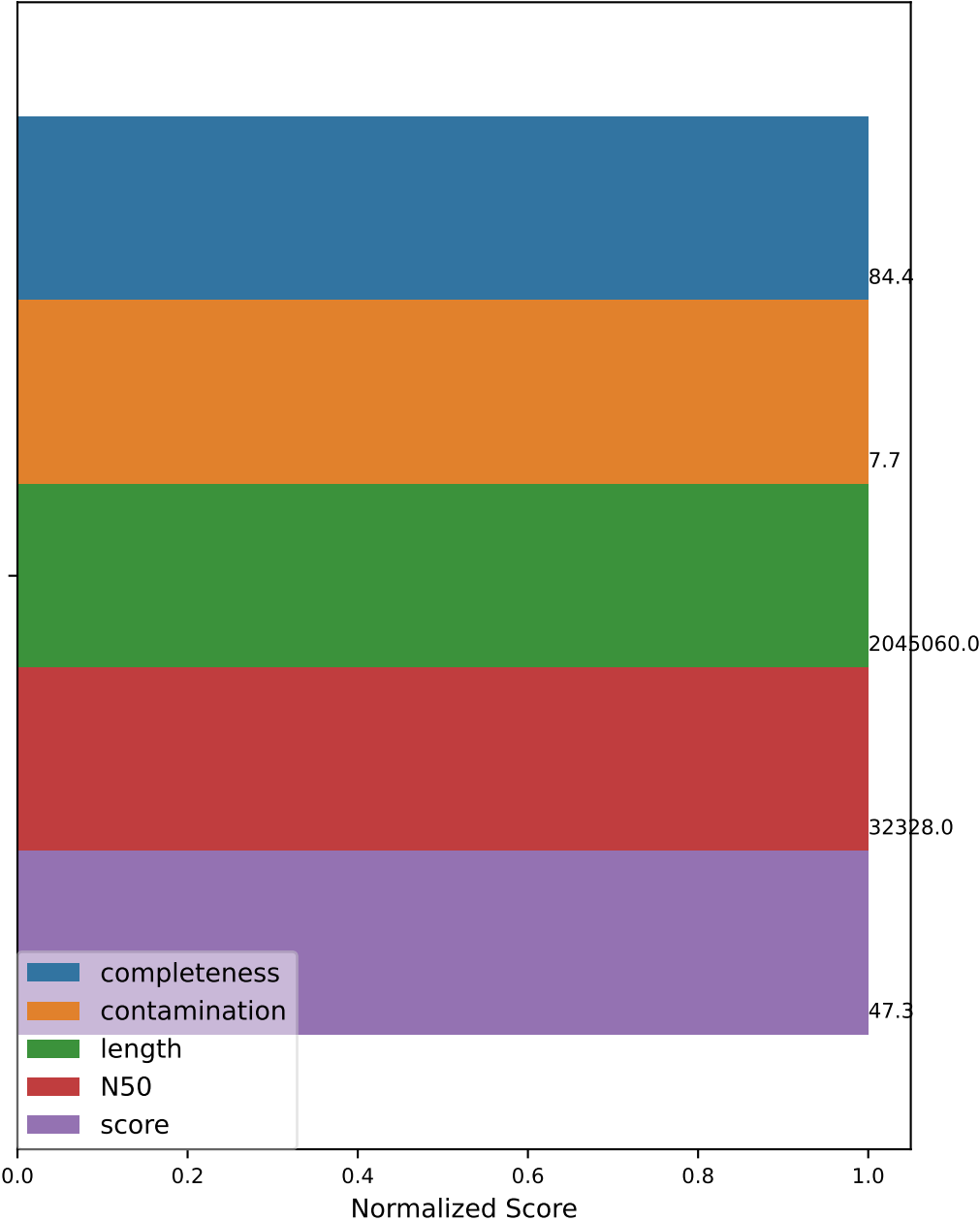
TOBG\_RS-416.fna \*



Scoring of cluster 825\_0

genome

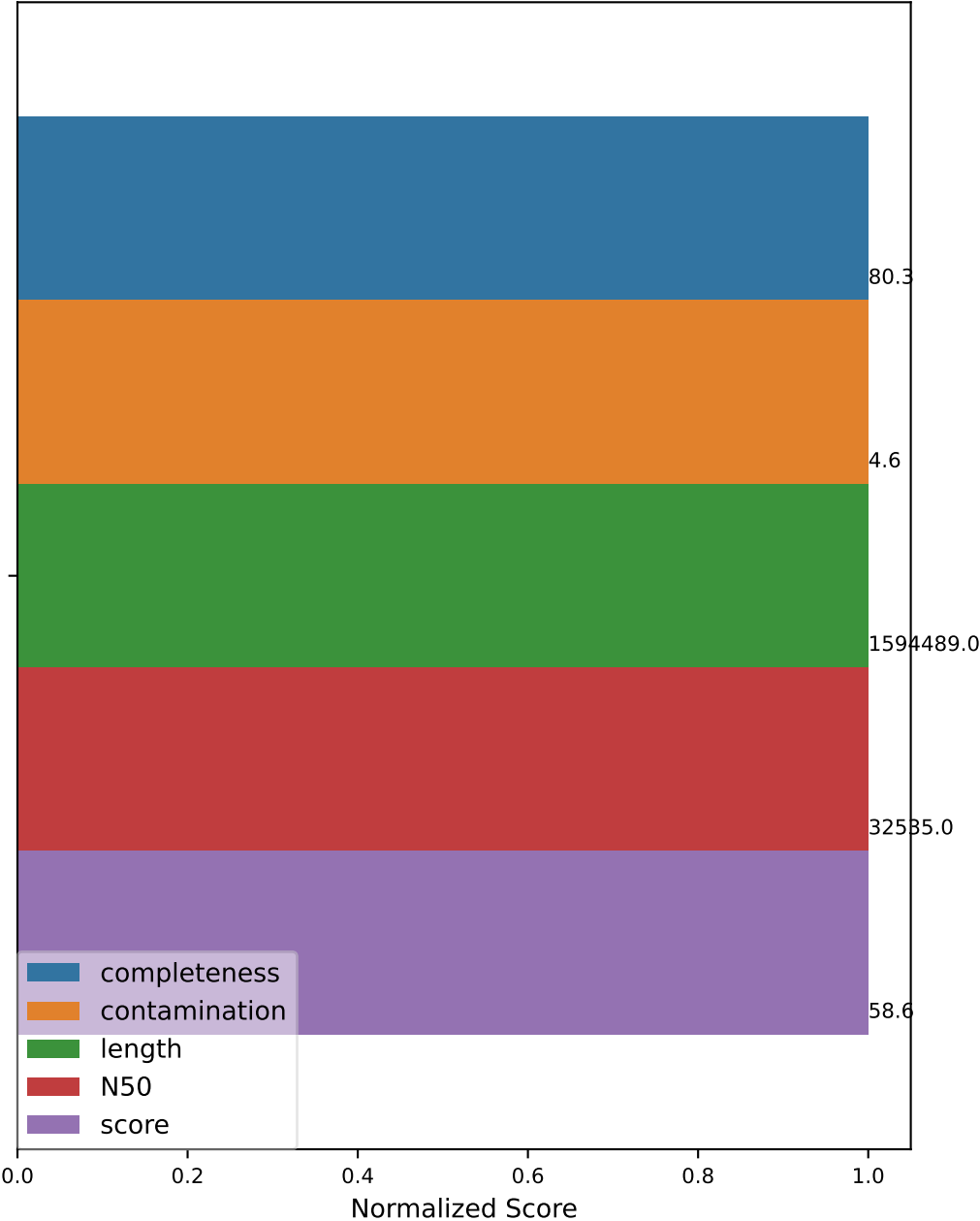
TOBG\_NAT-241.fna \*



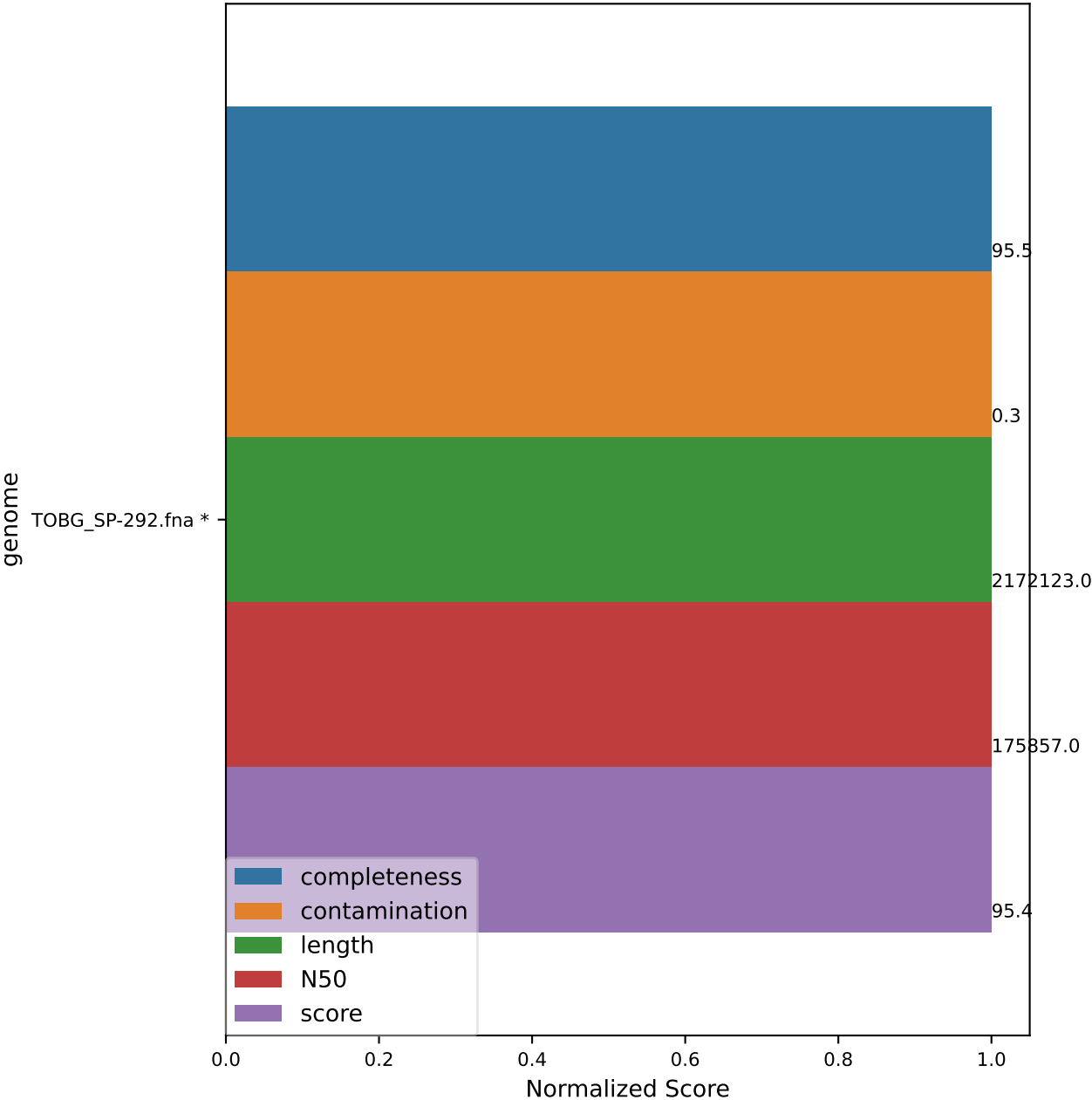
Scoring of cluster 826\_0

genome

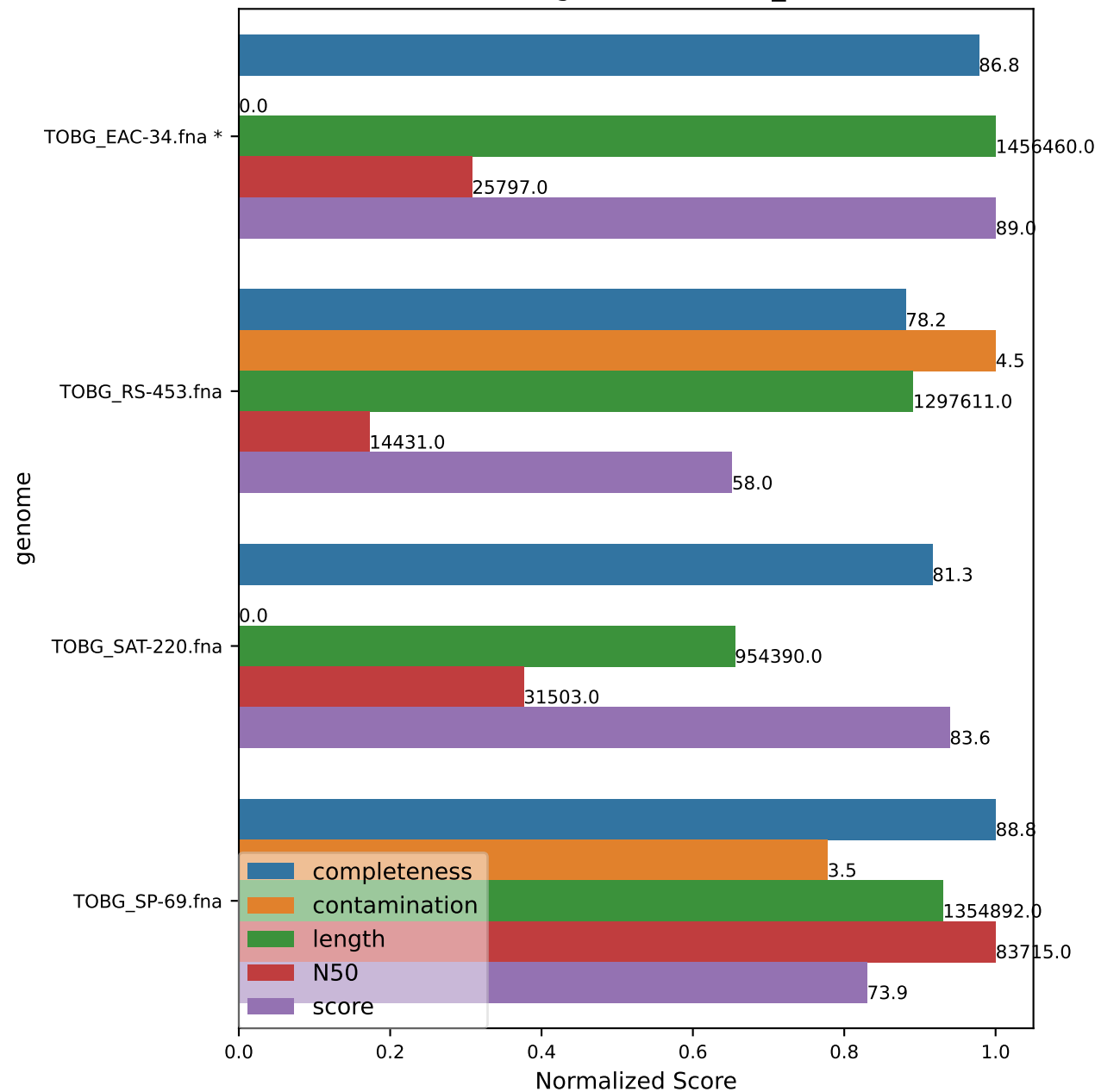
TOBG\_MED-732.fna \*



Scoring of cluster 827\_0



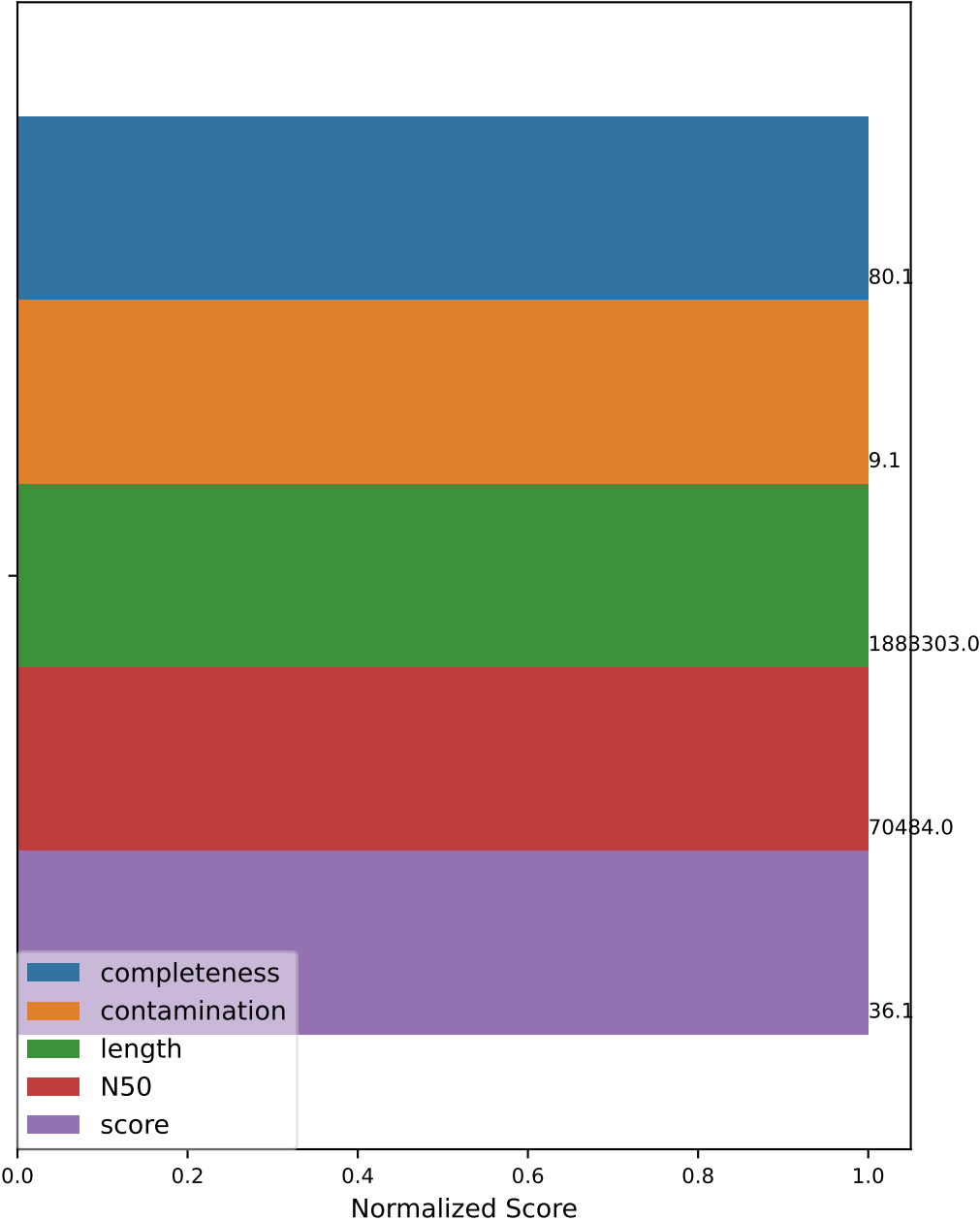
Scoring of cluster 828\_1



Scoring of cluster 829\_0

genome

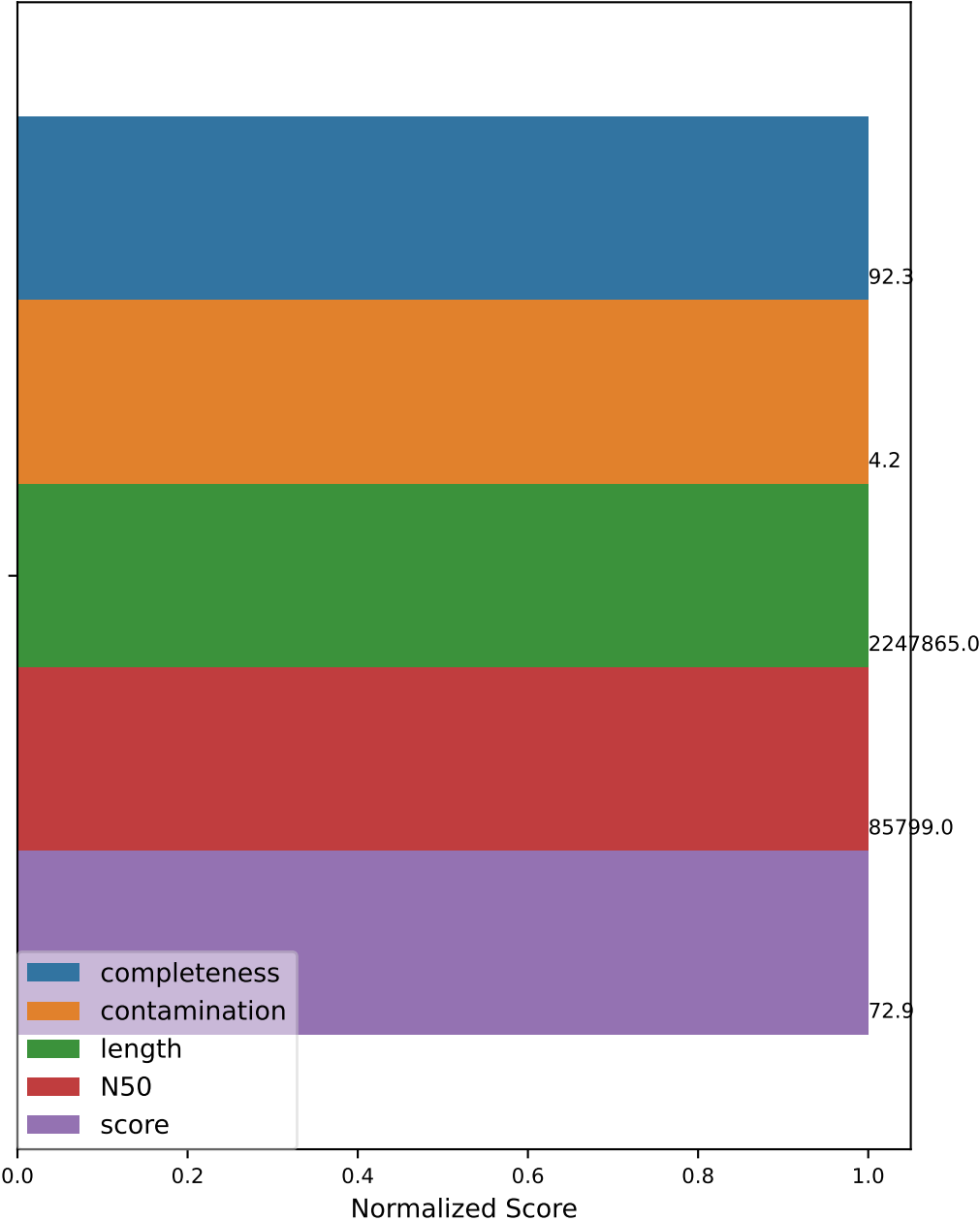
TOBG\_MED-1233.fna \*



Scoring of cluster 830\_0

genome

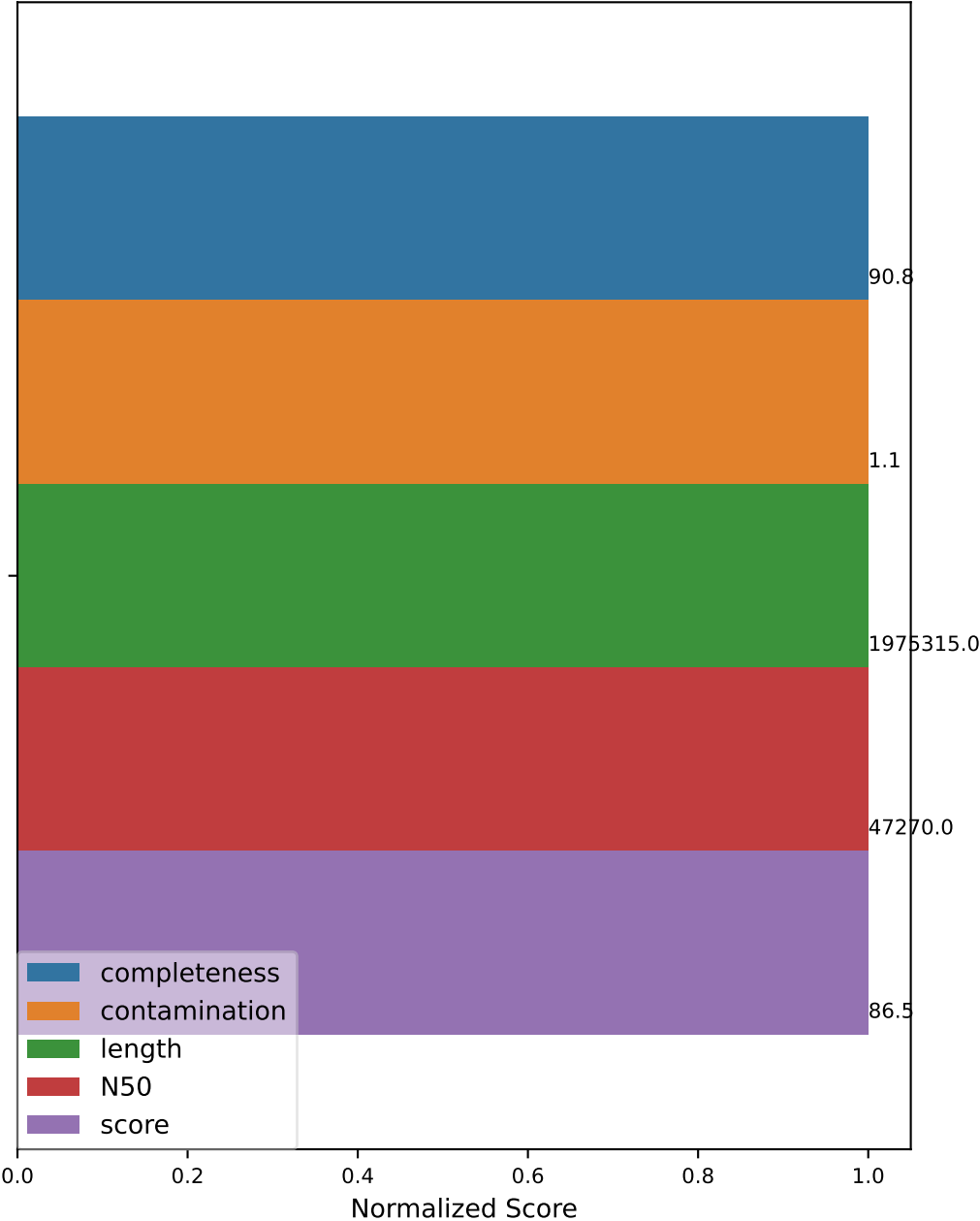
TOBG\_MED-736.fna \*



Scoring of cluster 831\_0

genome

TOBG\_NAT-18.fna \*

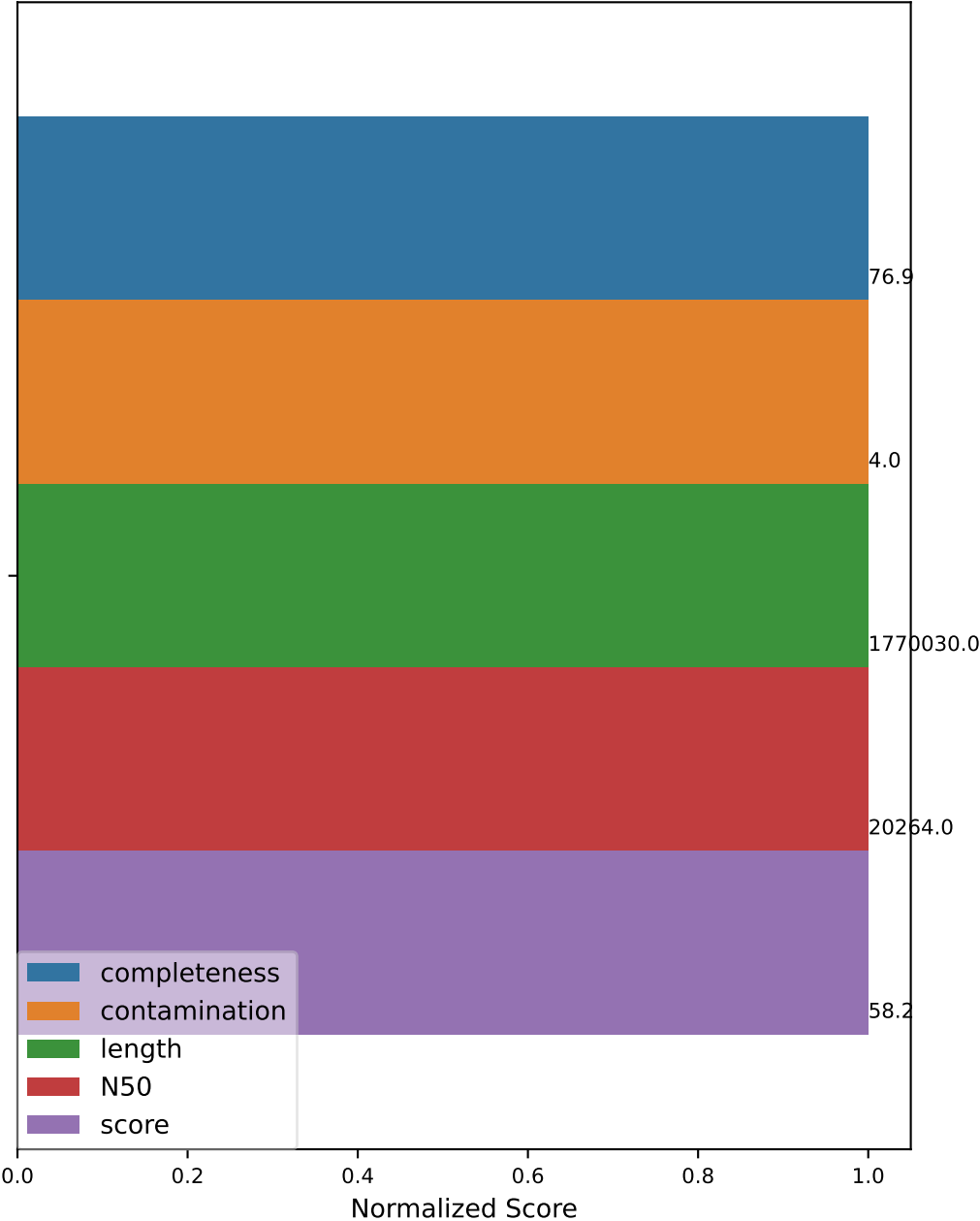




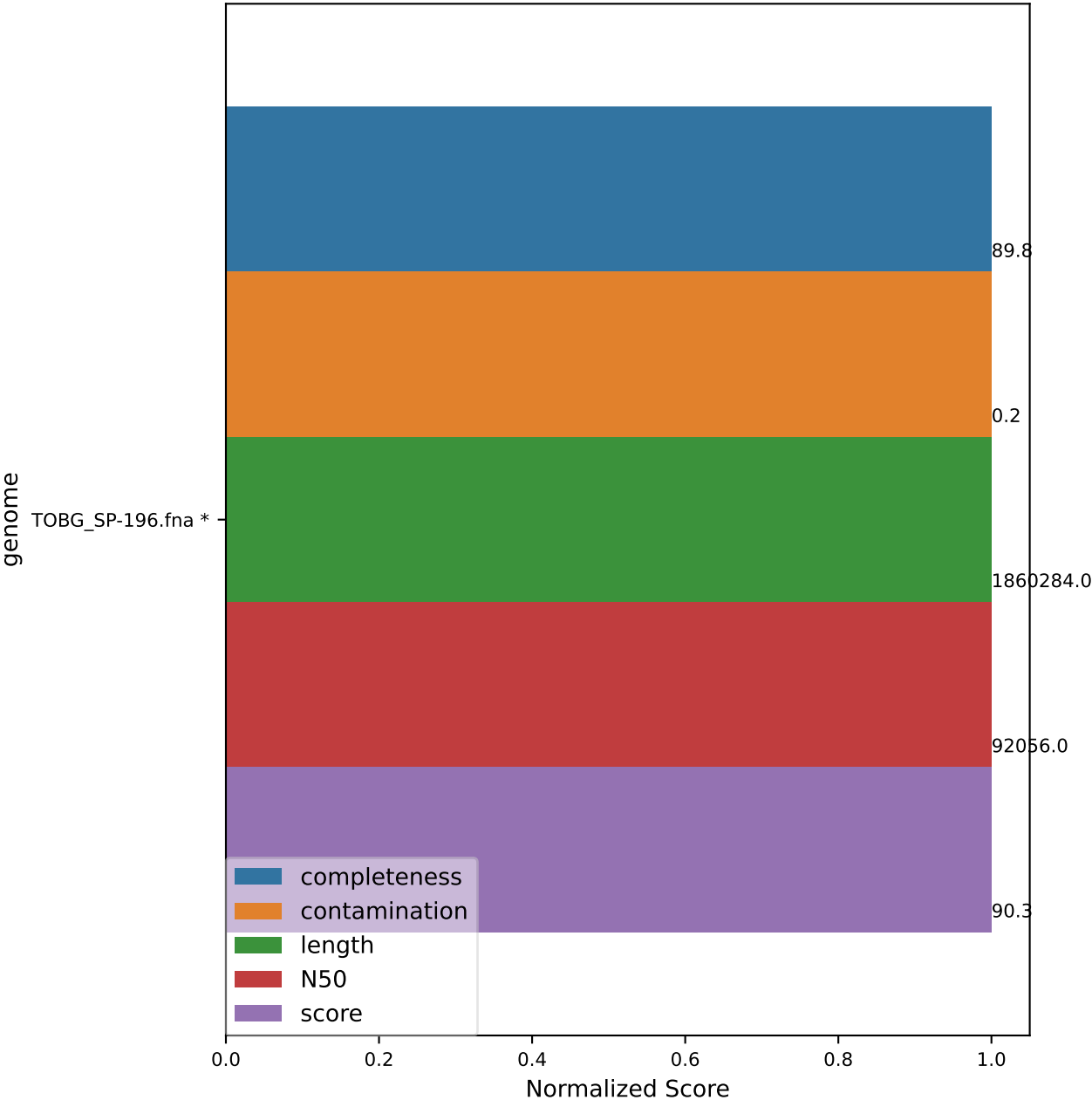
Scoring of cluster 832\_0

genome

TOBG\_MED-835.fna \*



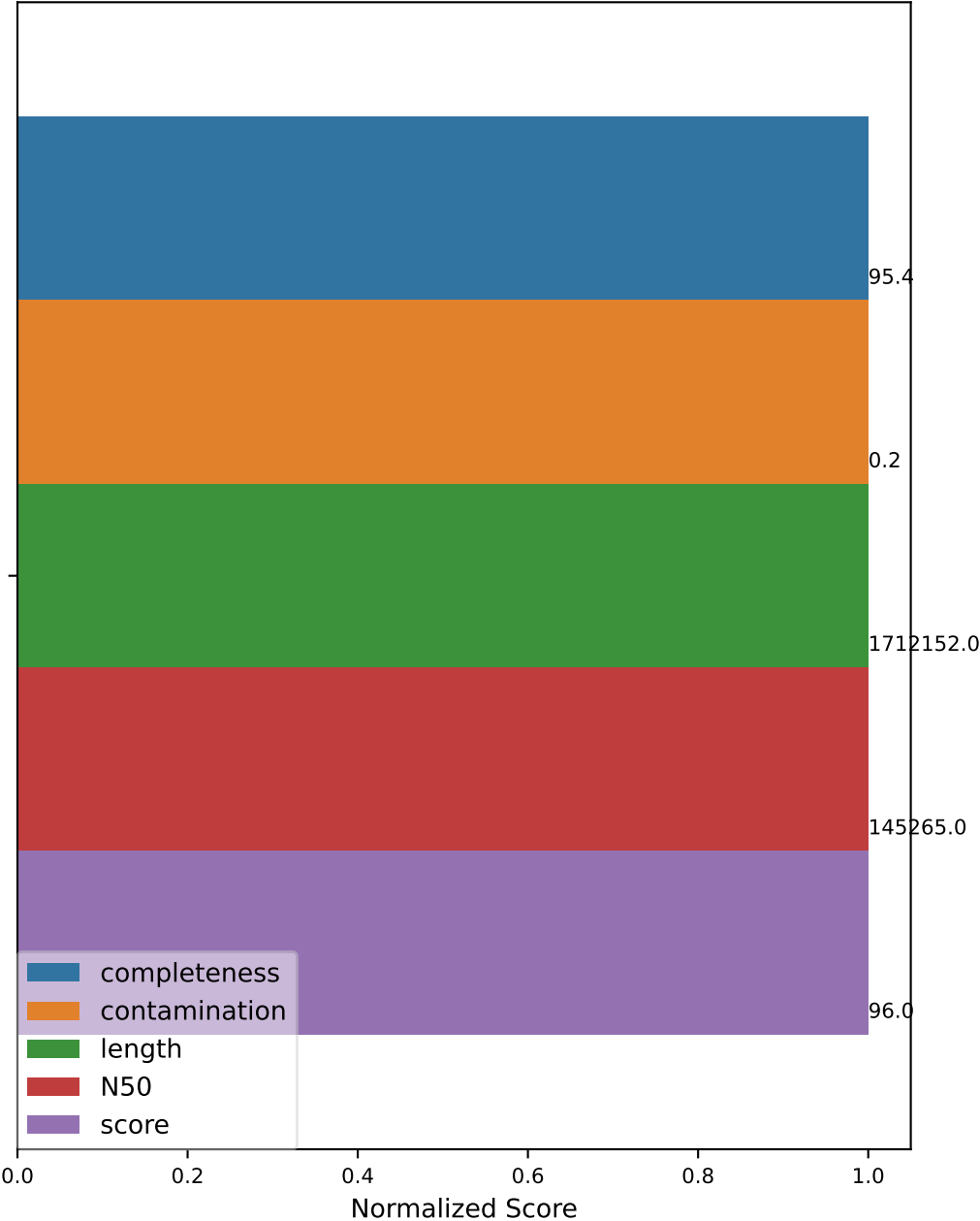
Scoring of cluster 833\_0



Scoring of cluster 834\_0

genome

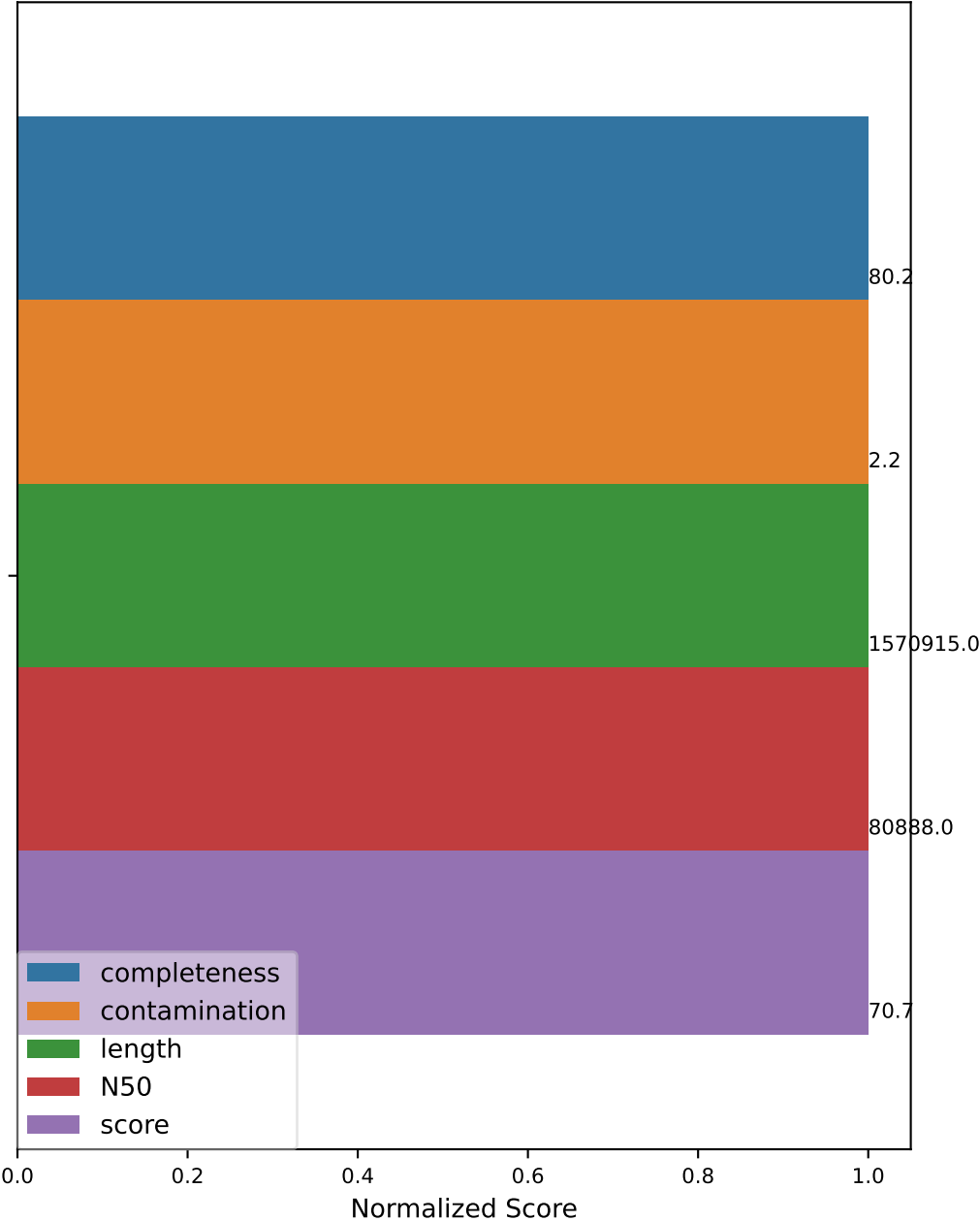
TOBG\_SP-267.fna \*



Scoring of cluster 835\_0

genome

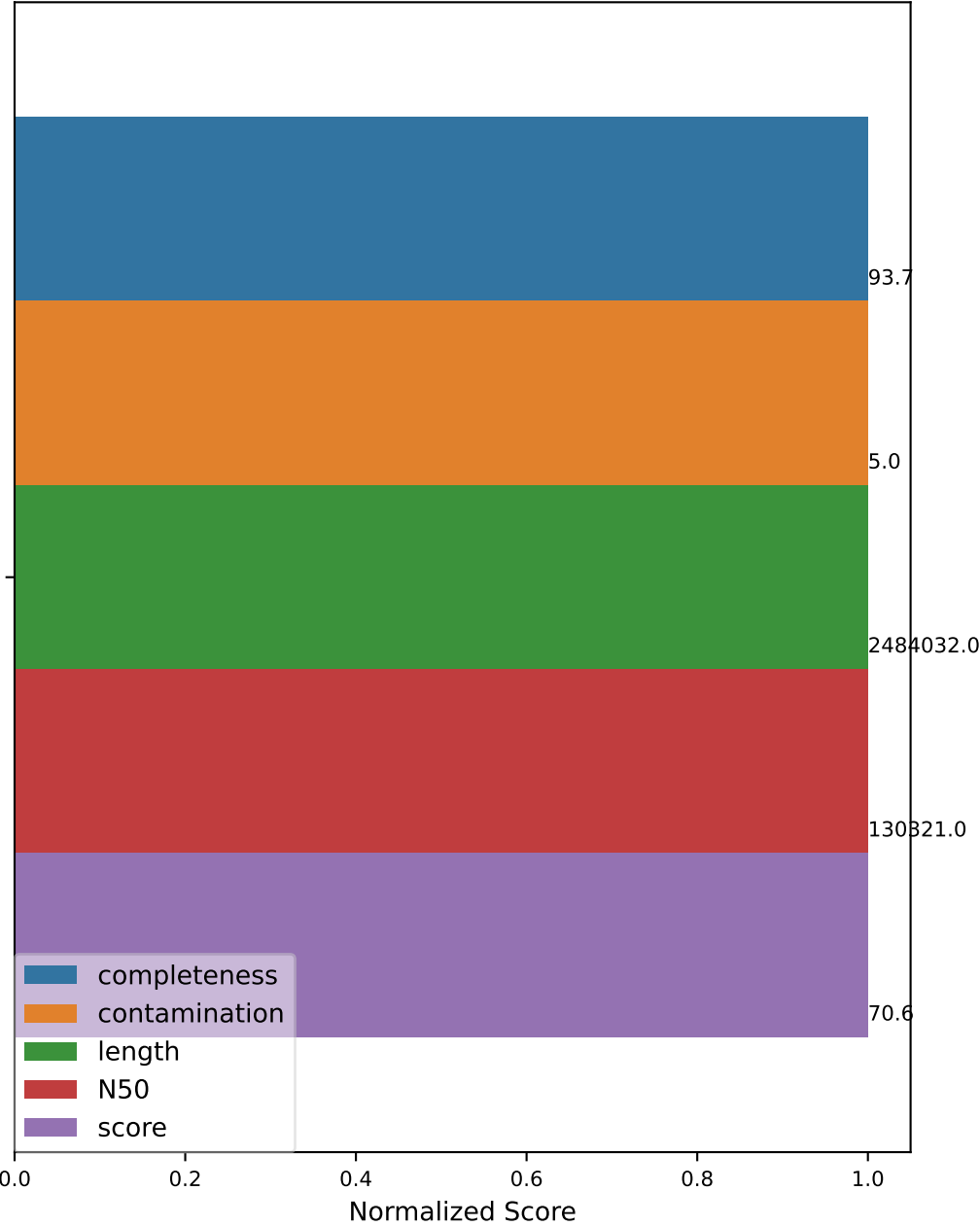
TOBG\_MED-712.fna \*

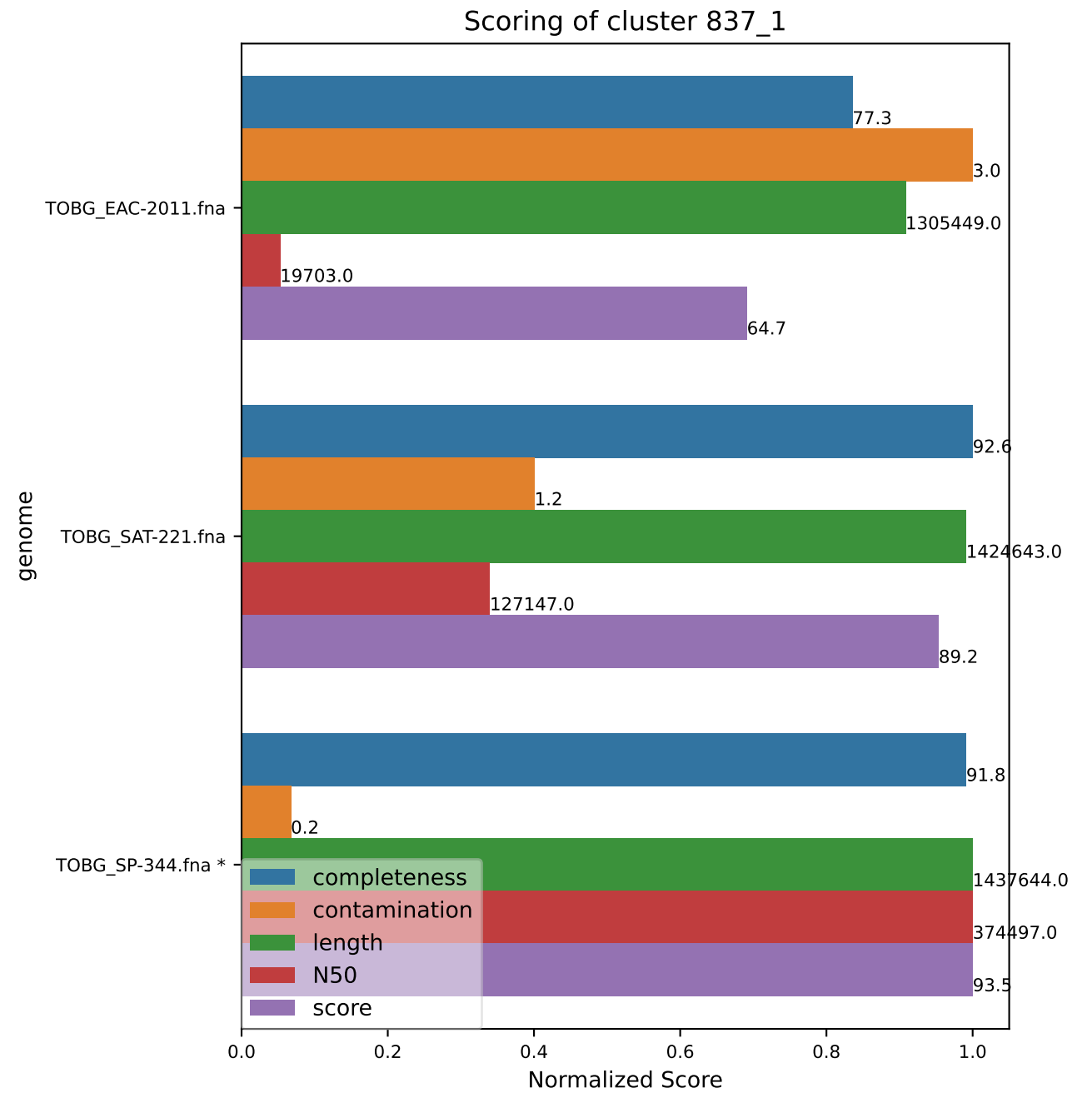


Scoring of cluster 836\_0

genome

TOBG\_SP-224.fna \*

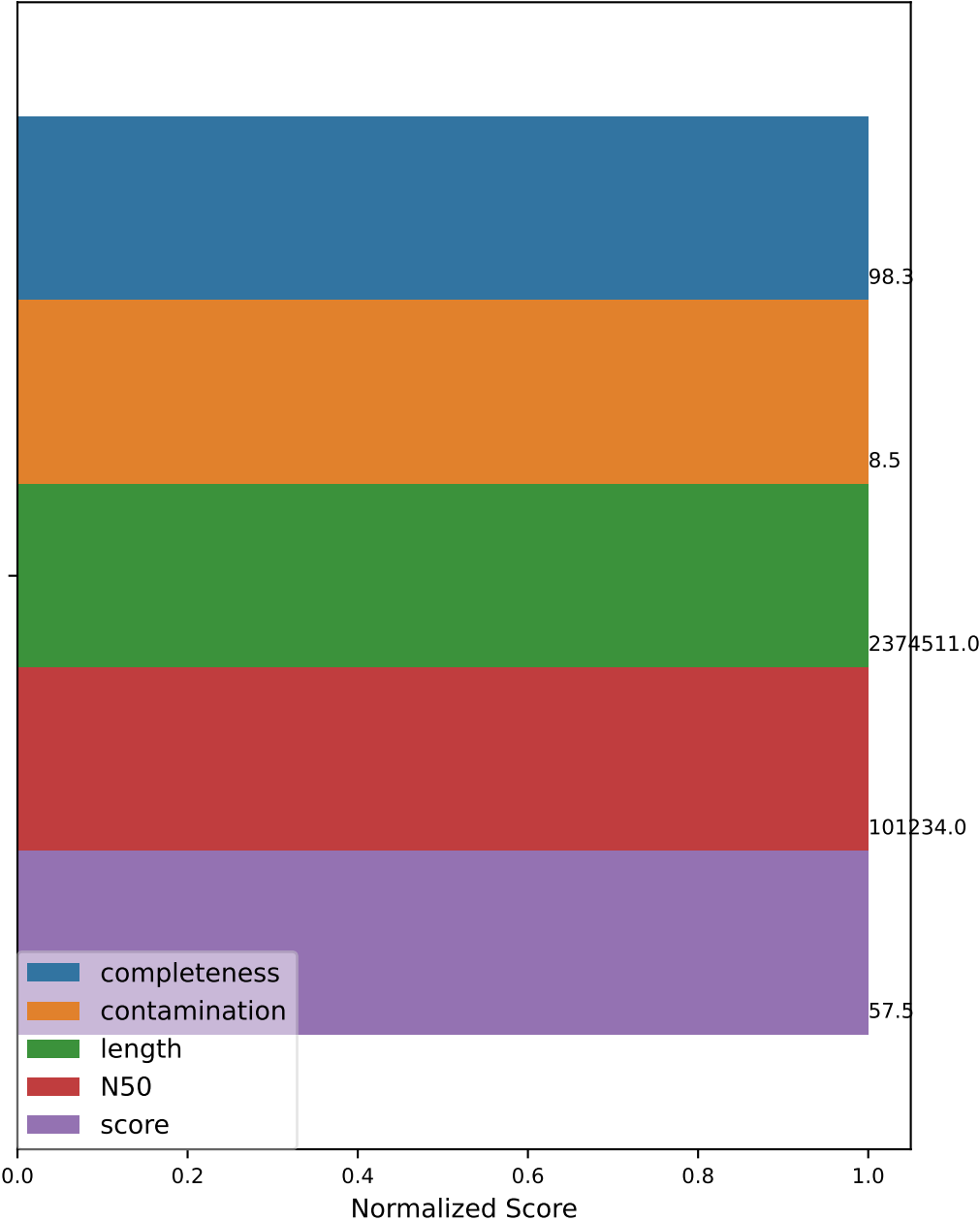




Scoring of cluster 838\_0

genome

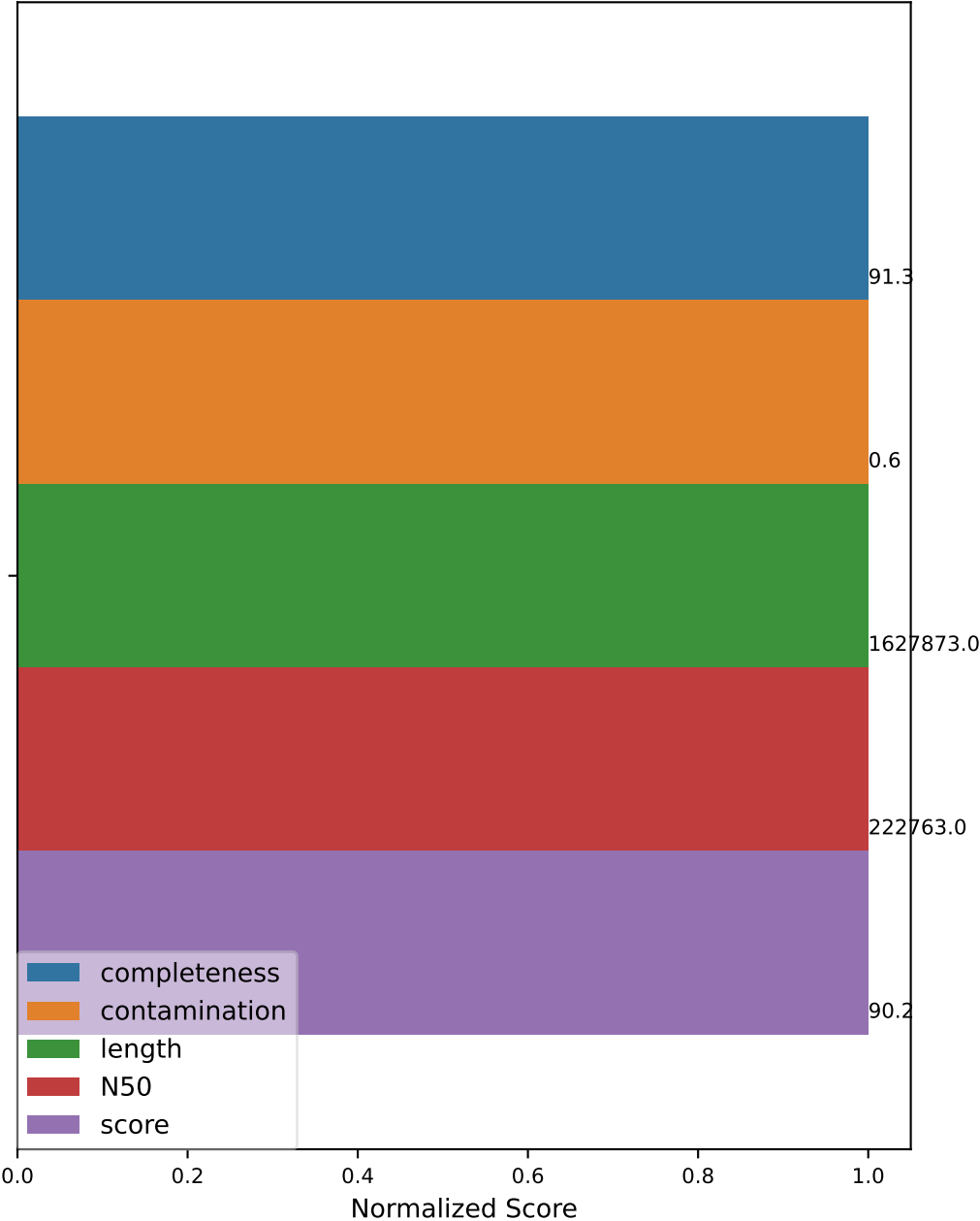
TOBG\_MED-744.fna \*



Scoring of cluster 839\_0

genome

TOBG\_MED-747.fna \*

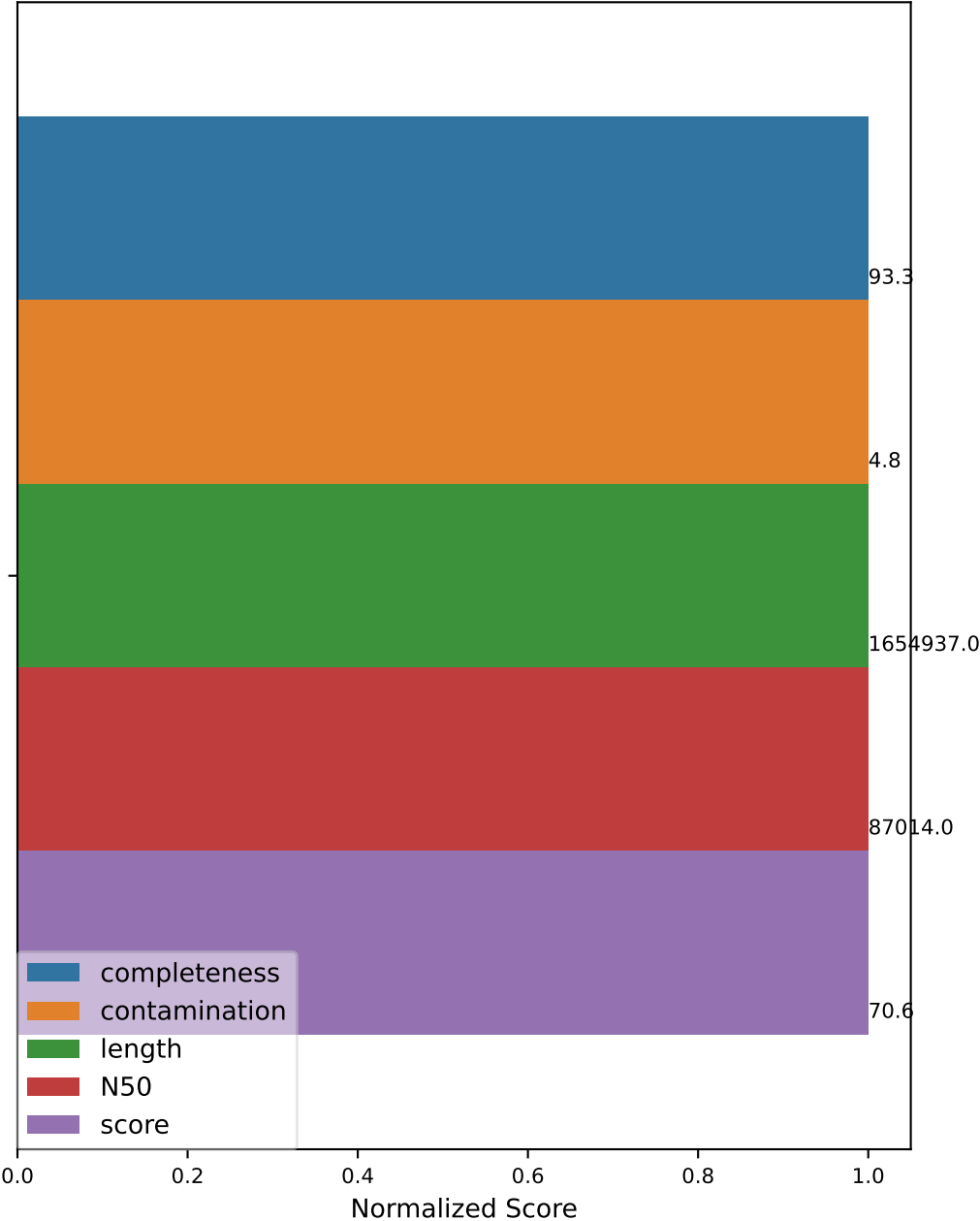




Scoring of cluster 840\_1

genome

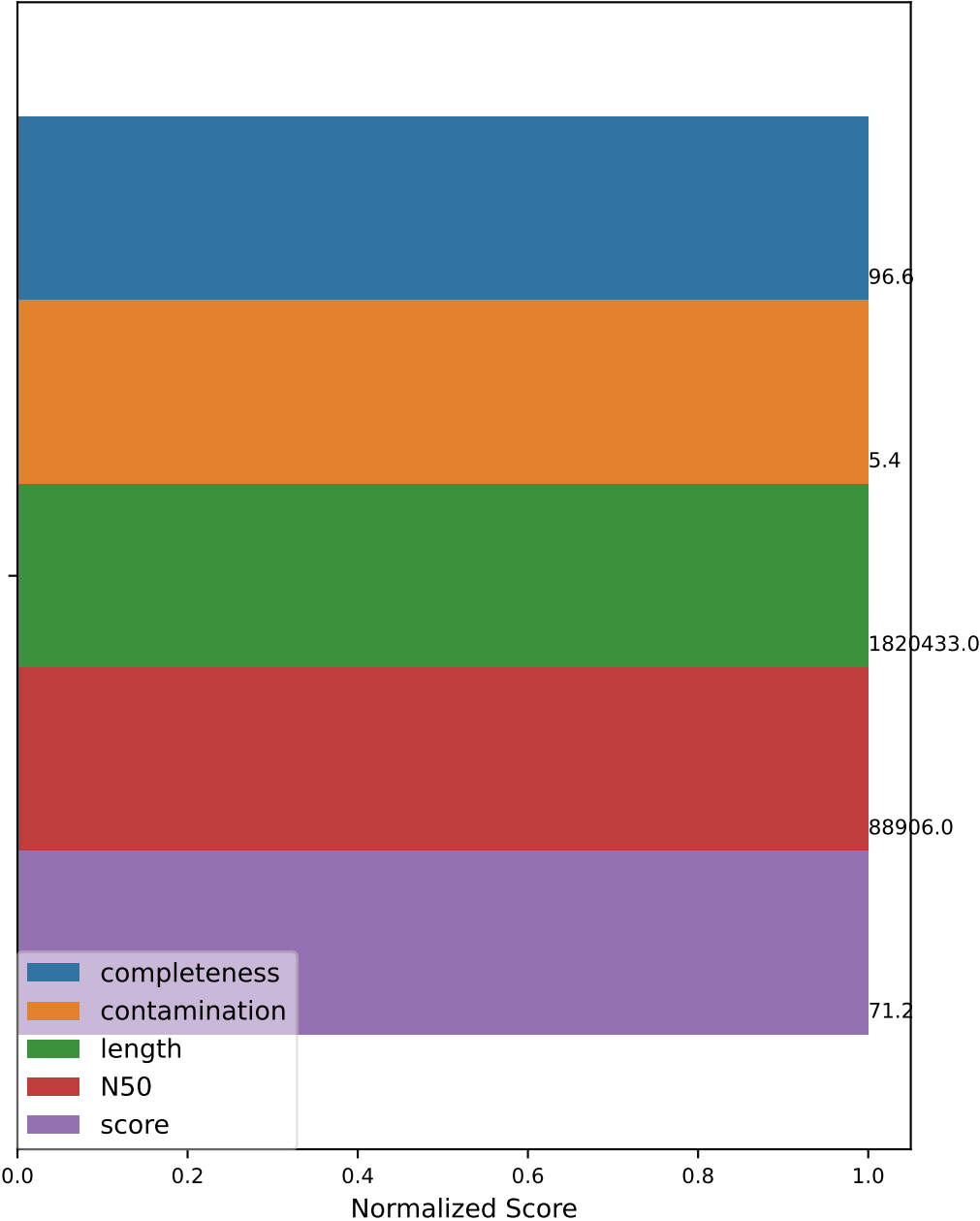
TOBG\_CPC-97.fna \*



Scoring of cluster 840\_2

genome

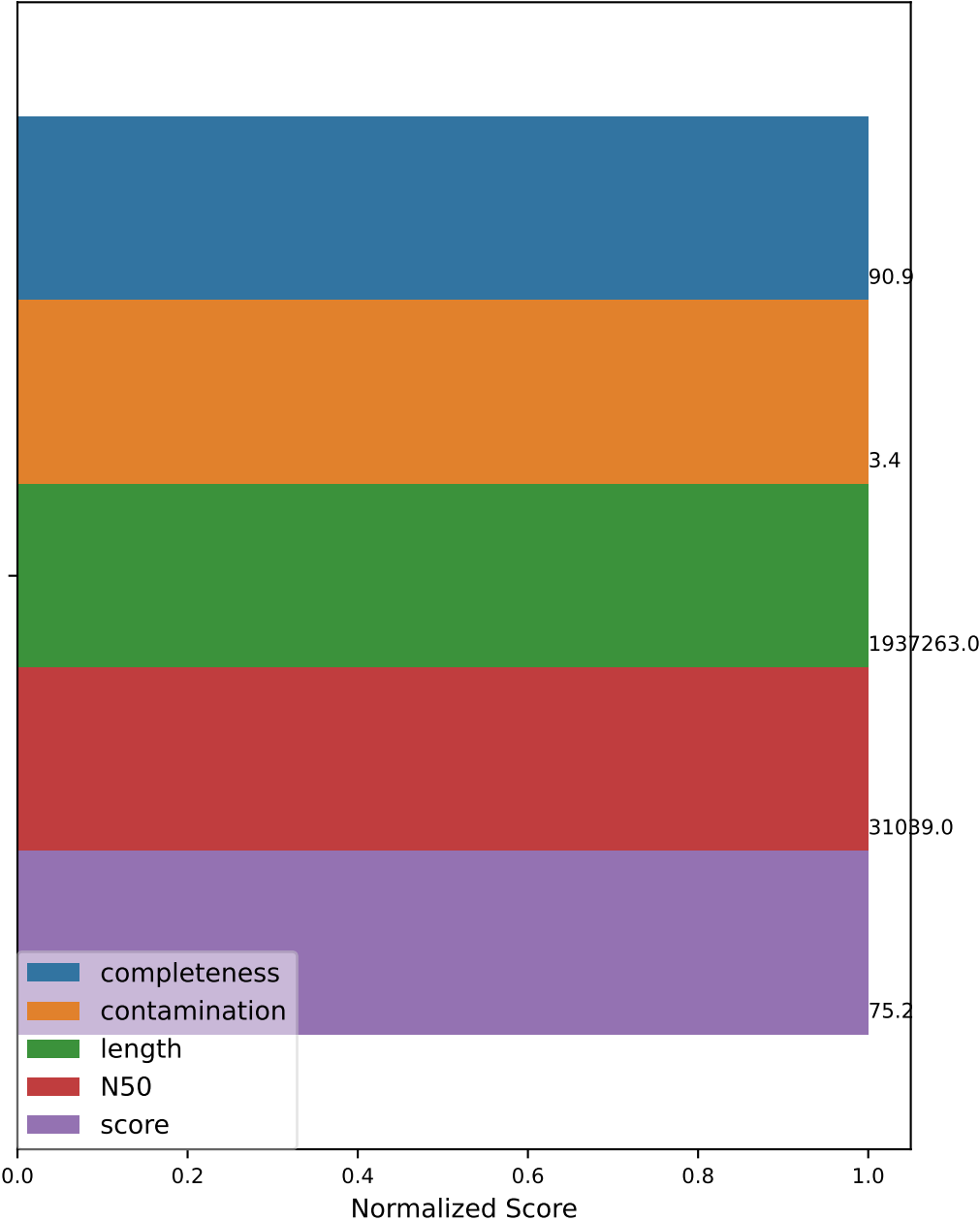
TOBG\_MED-596.fna \*



Scoring of cluster 841\_0

genome

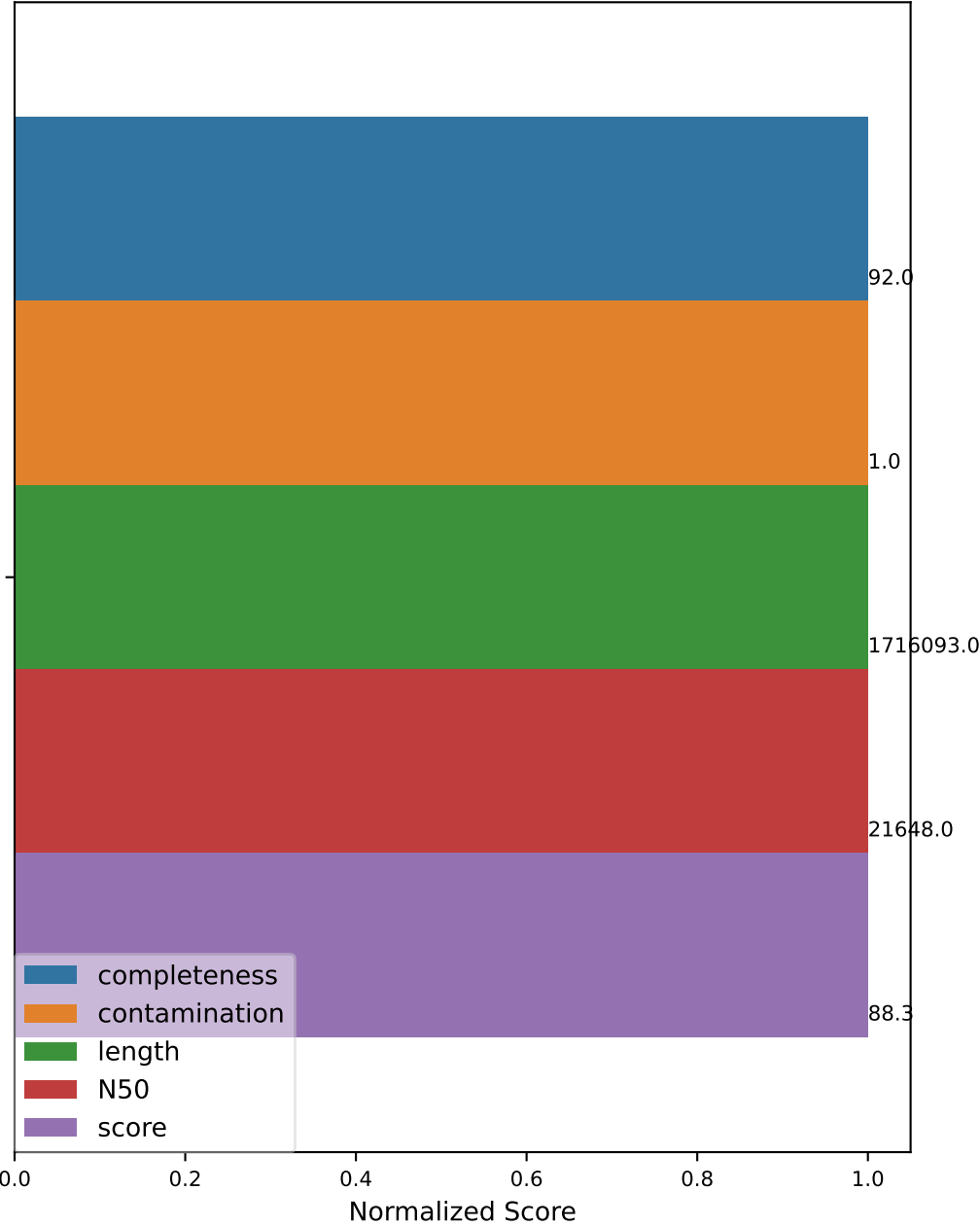
TOBG\_MED-703.fna \*



Scoring of cluster 842\_0

genome

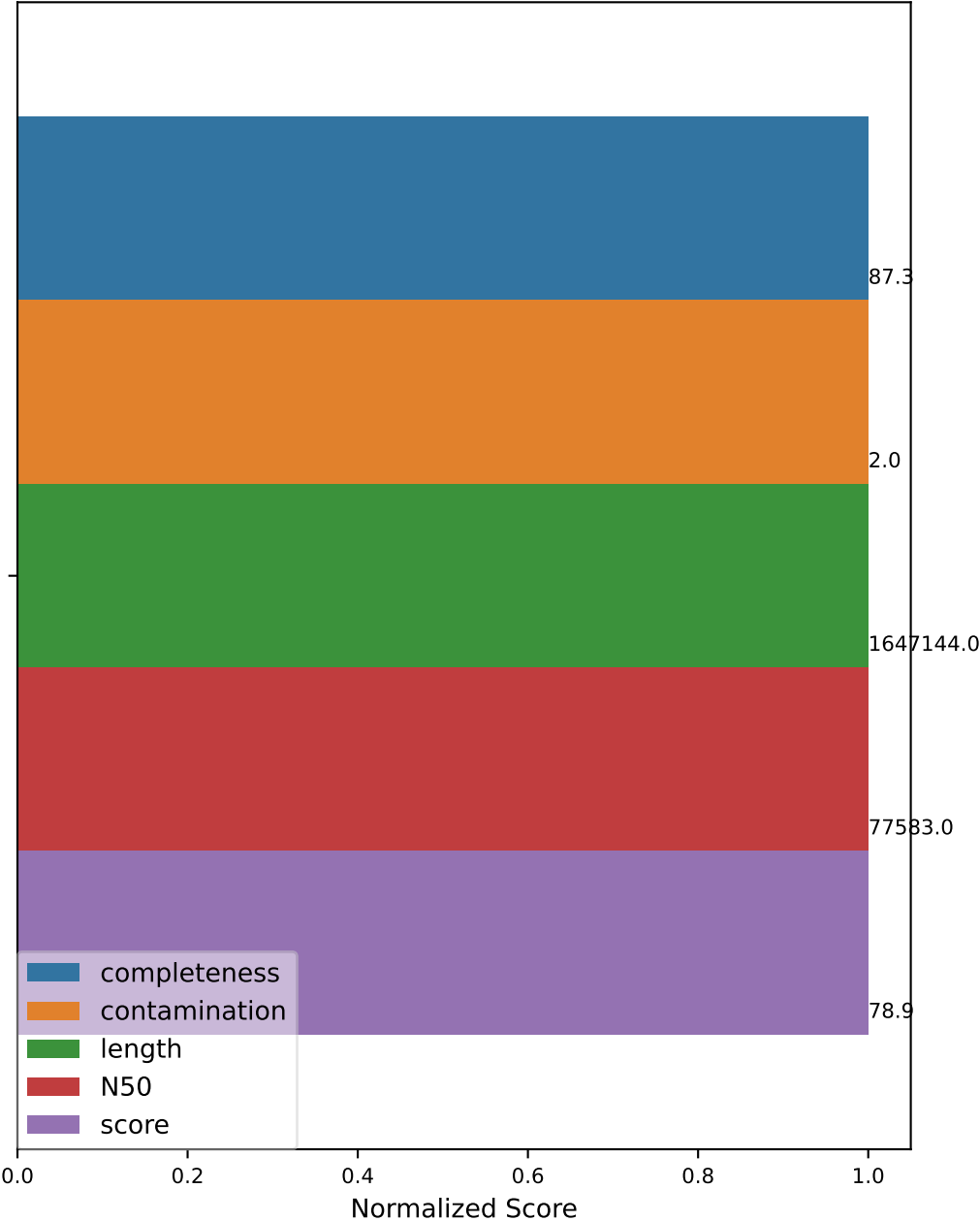
TOBG\_RS-820.fna \*



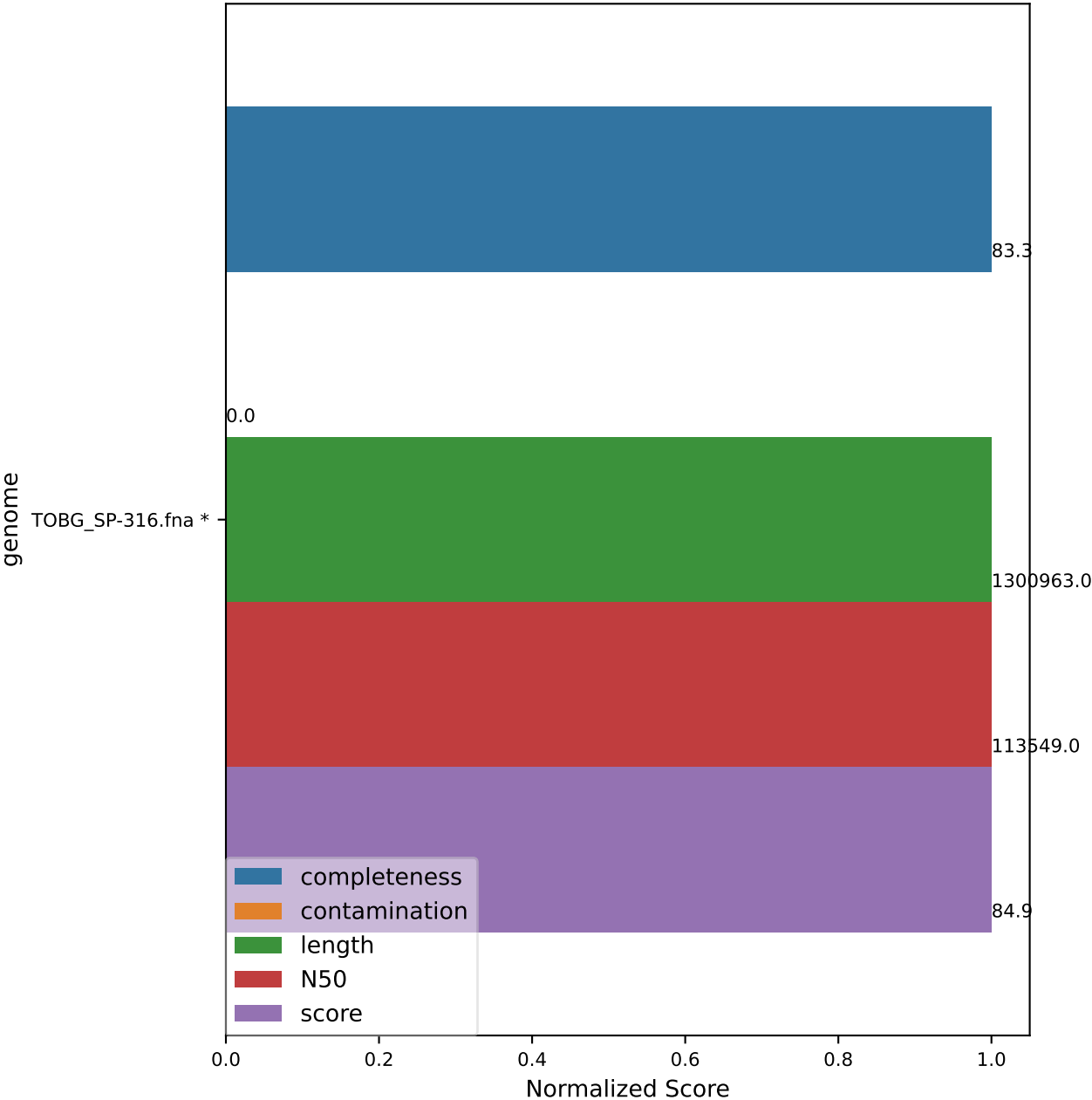
Scoring of cluster 843\_0

genome

TOBG\_SP-262.fna \*



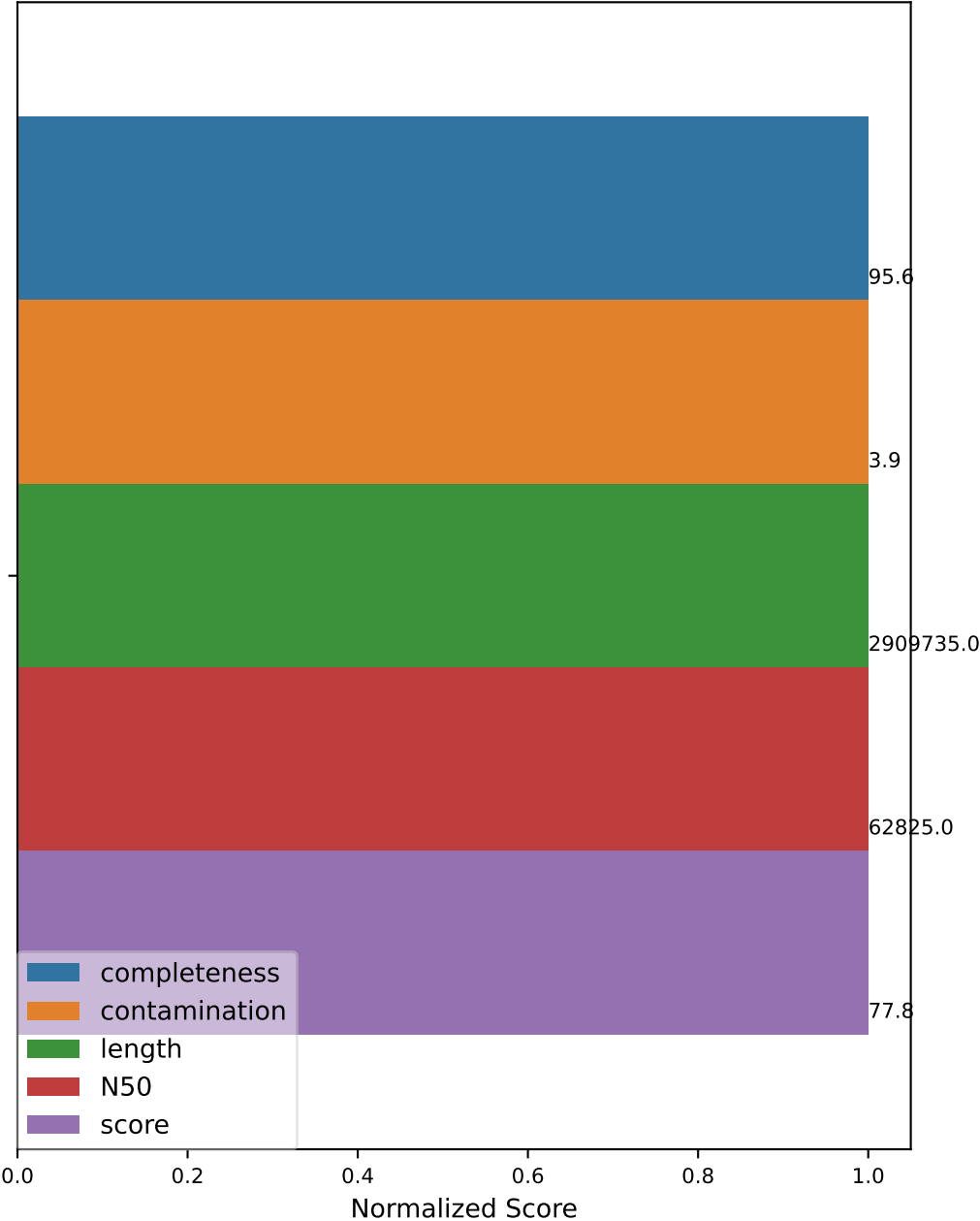
Scoring of cluster 844\_0



Scoring of cluster 845\_0

genome

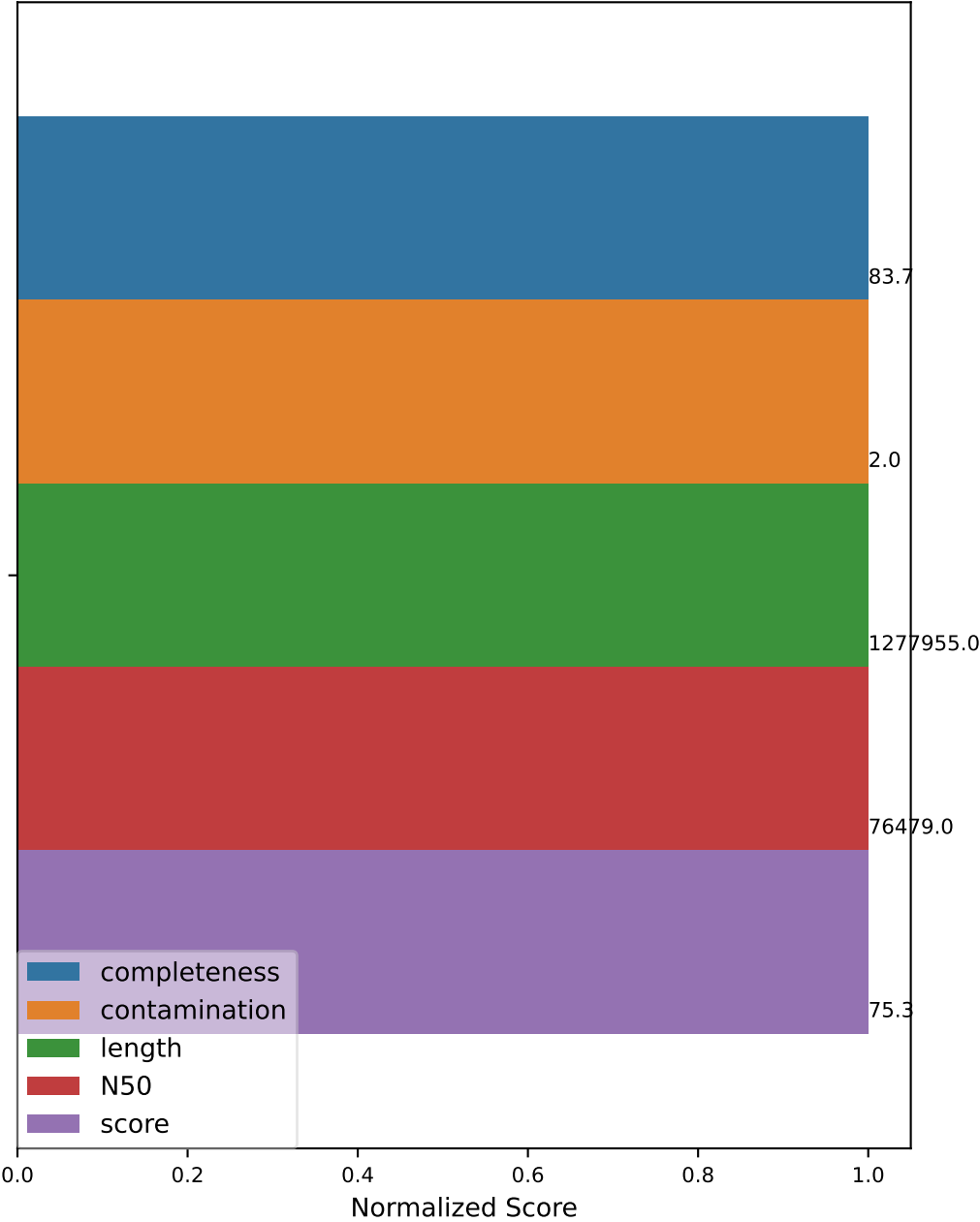
TOBG\_MED-589.fna \*



Scoring of cluster 846\_0

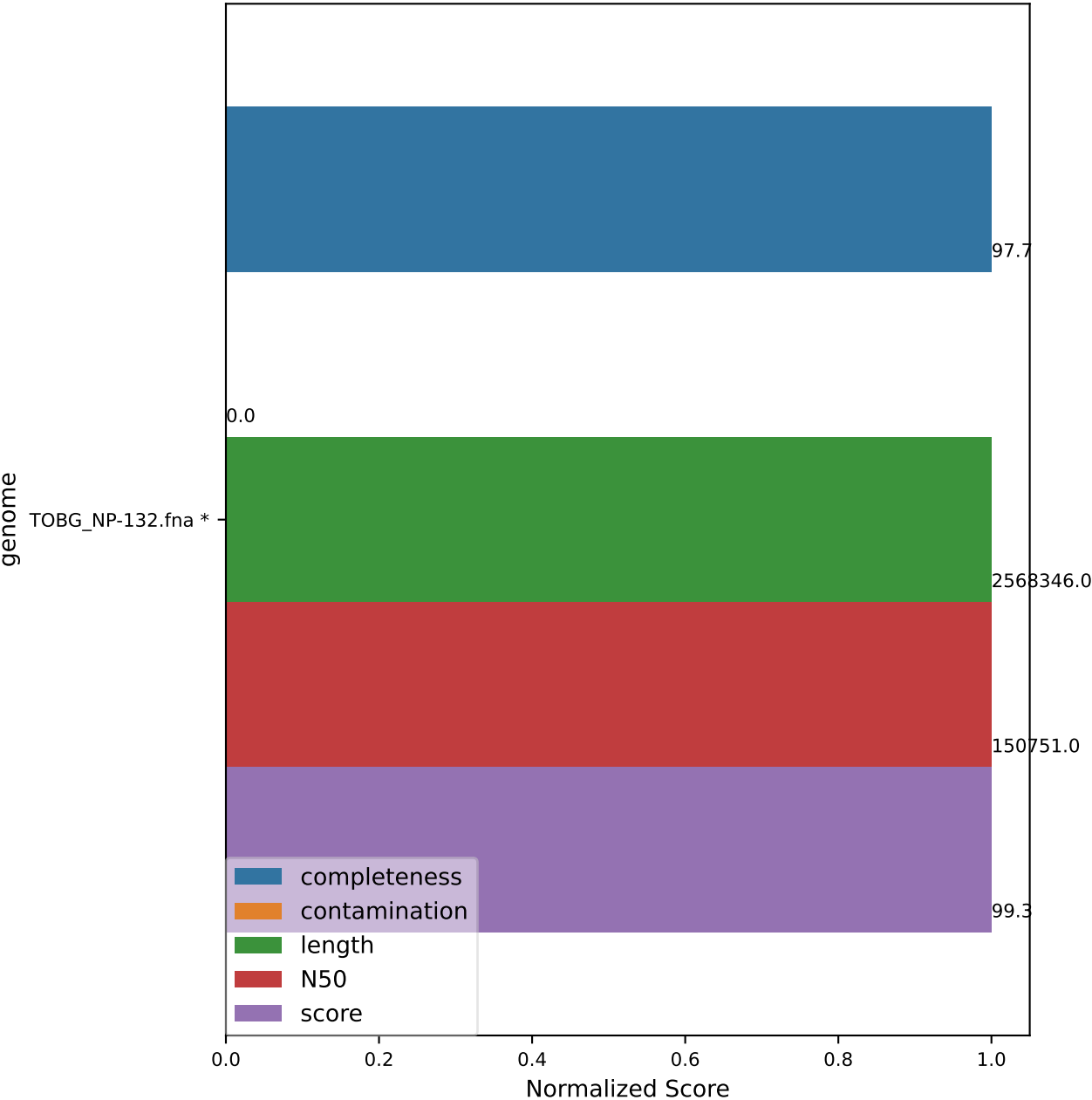
genome

TOBG\_NAT-190.fna \*





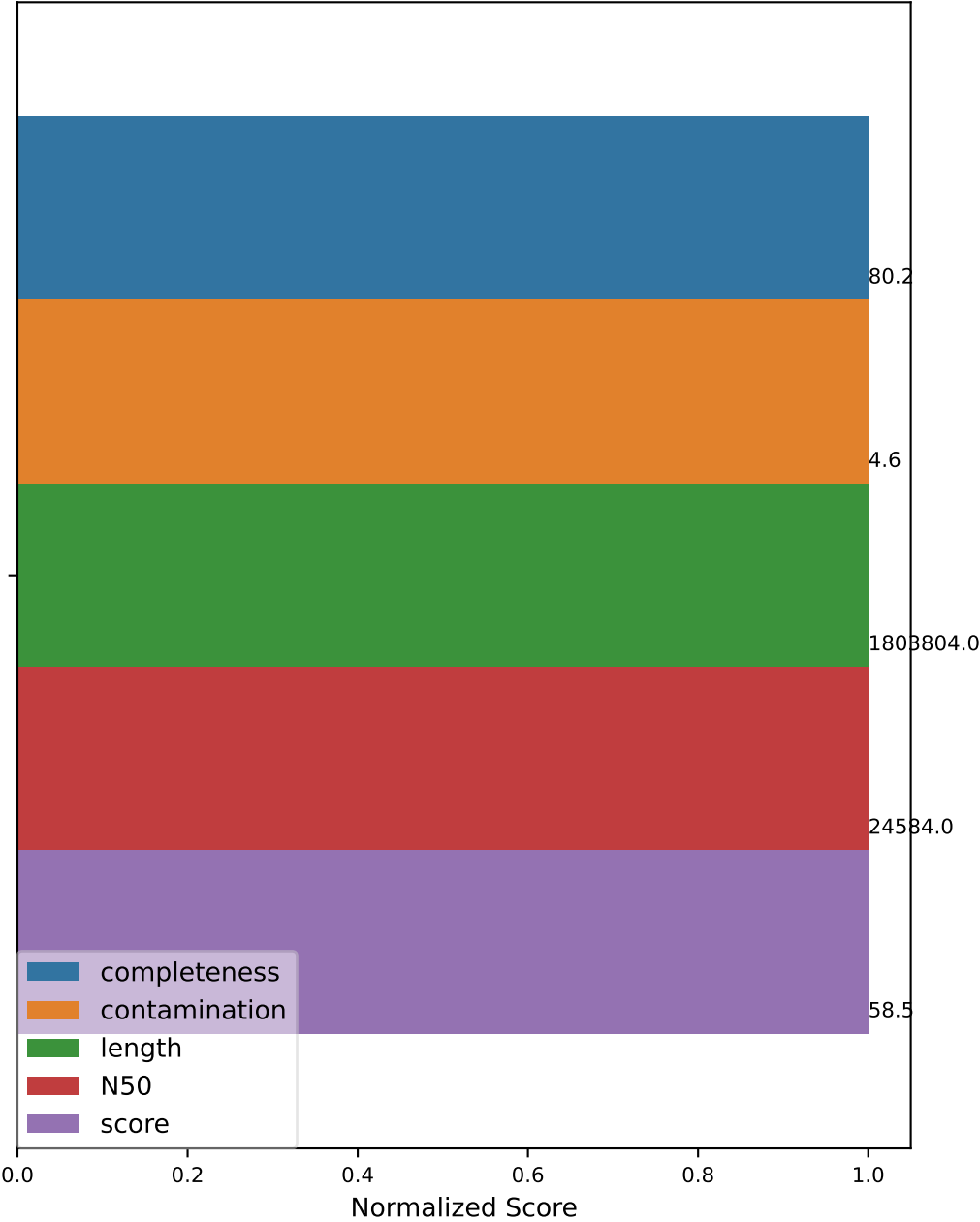
Scoring of cluster 847\_0



Scoring of cluster 848\_0

genome

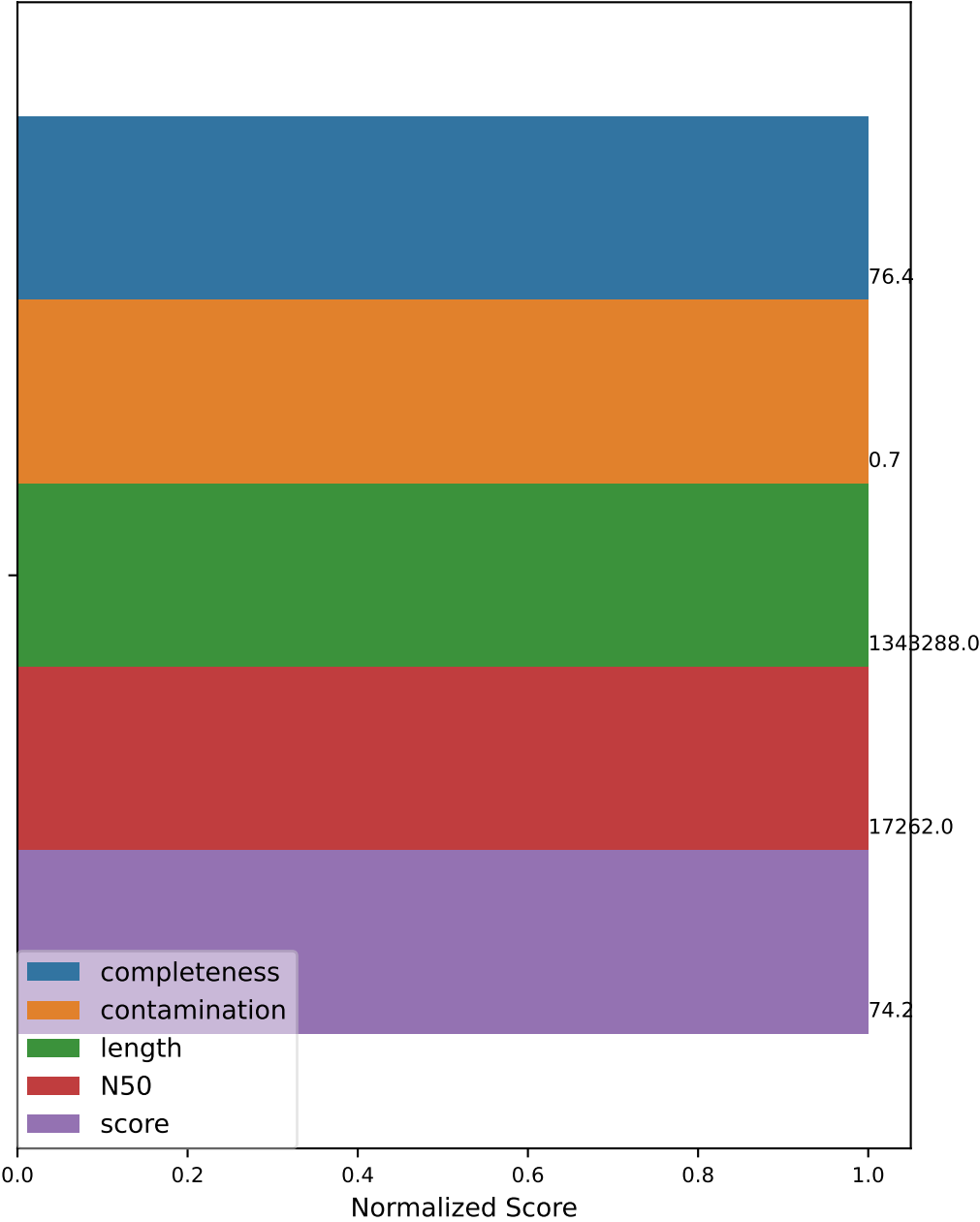
TOBG\_MED-650.fna \*



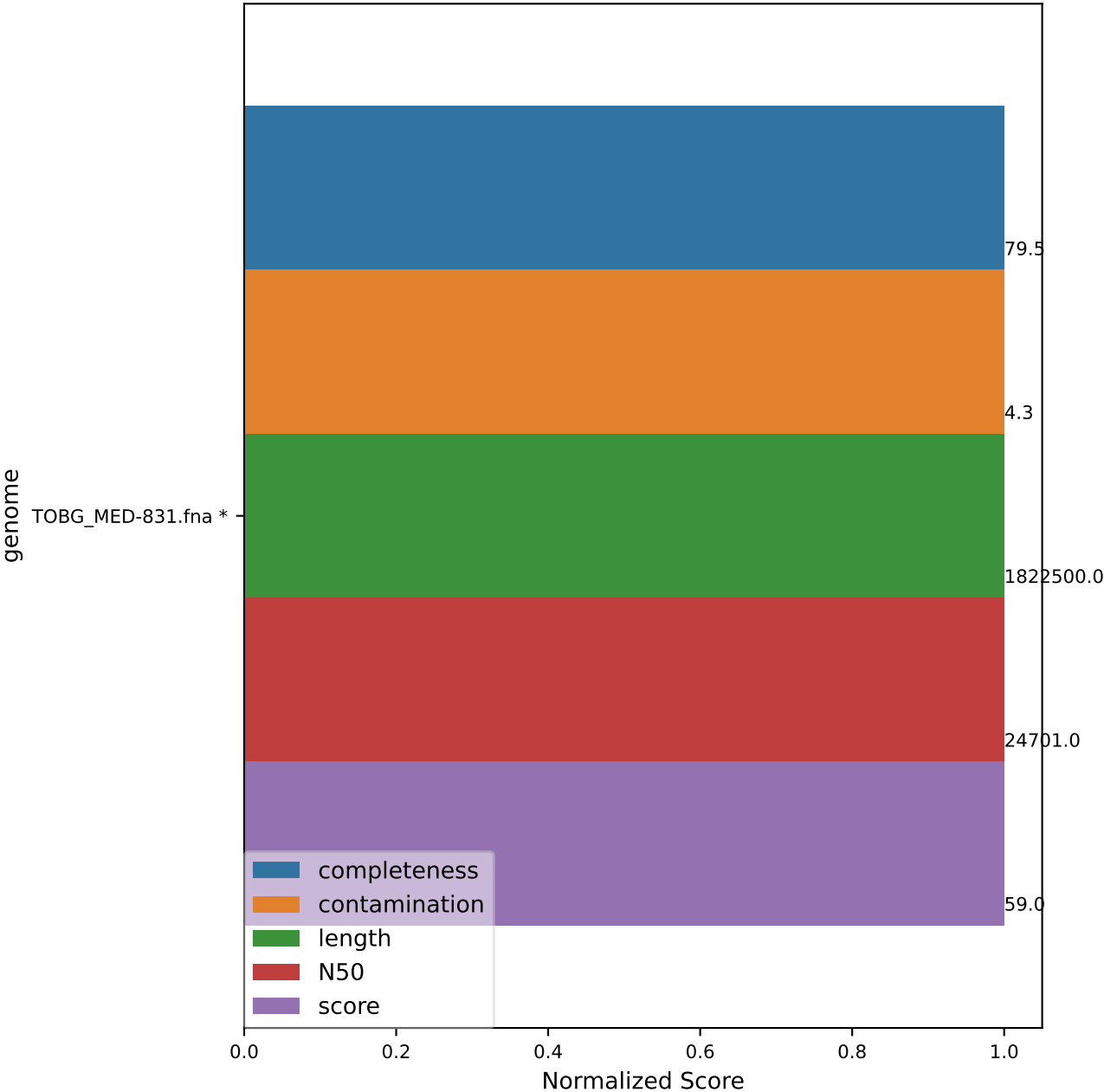
Scoring of cluster 849\_0

genome

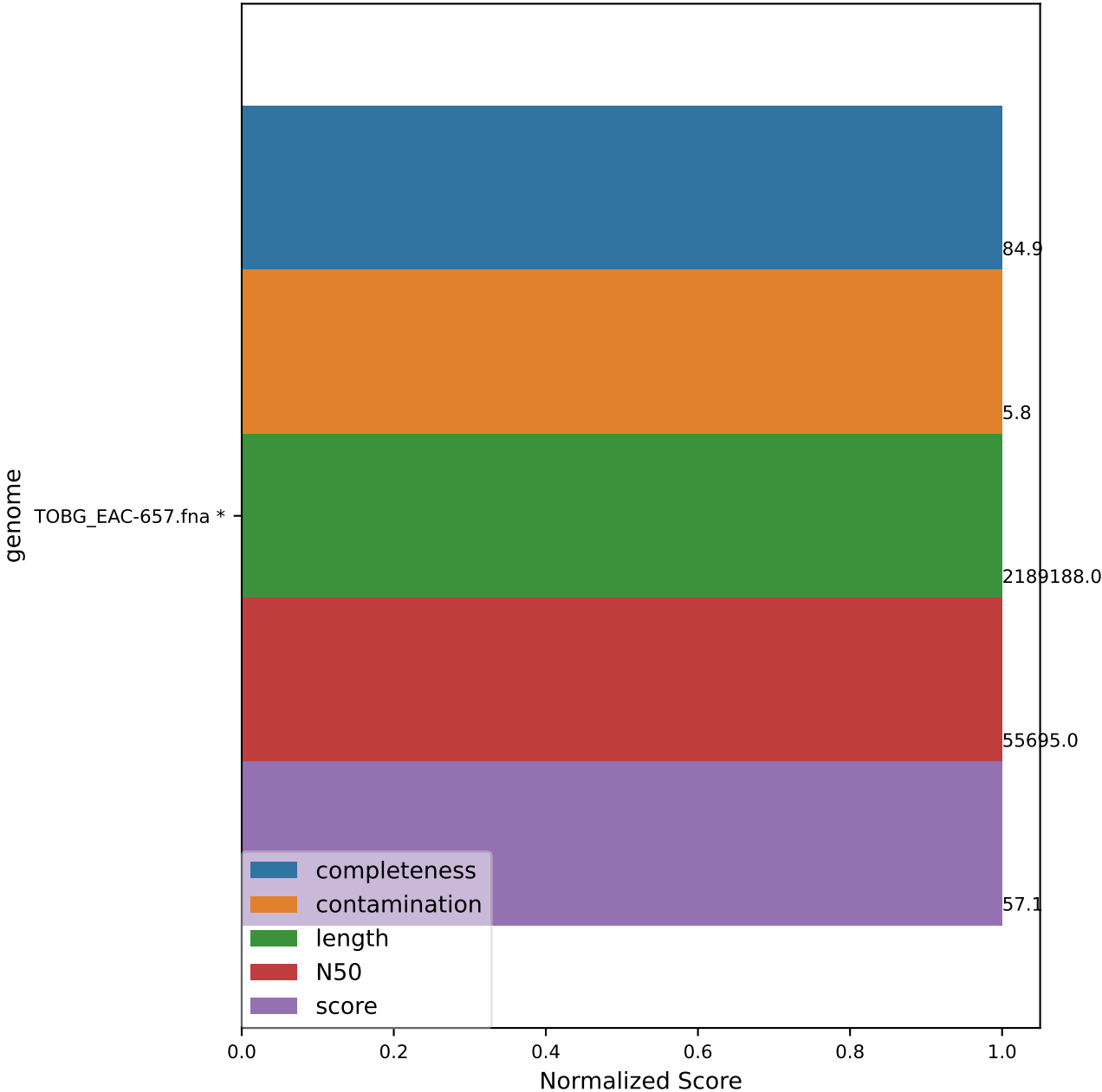
TOBG\_RS-344.fna \*



Scoring of cluster 850\_0



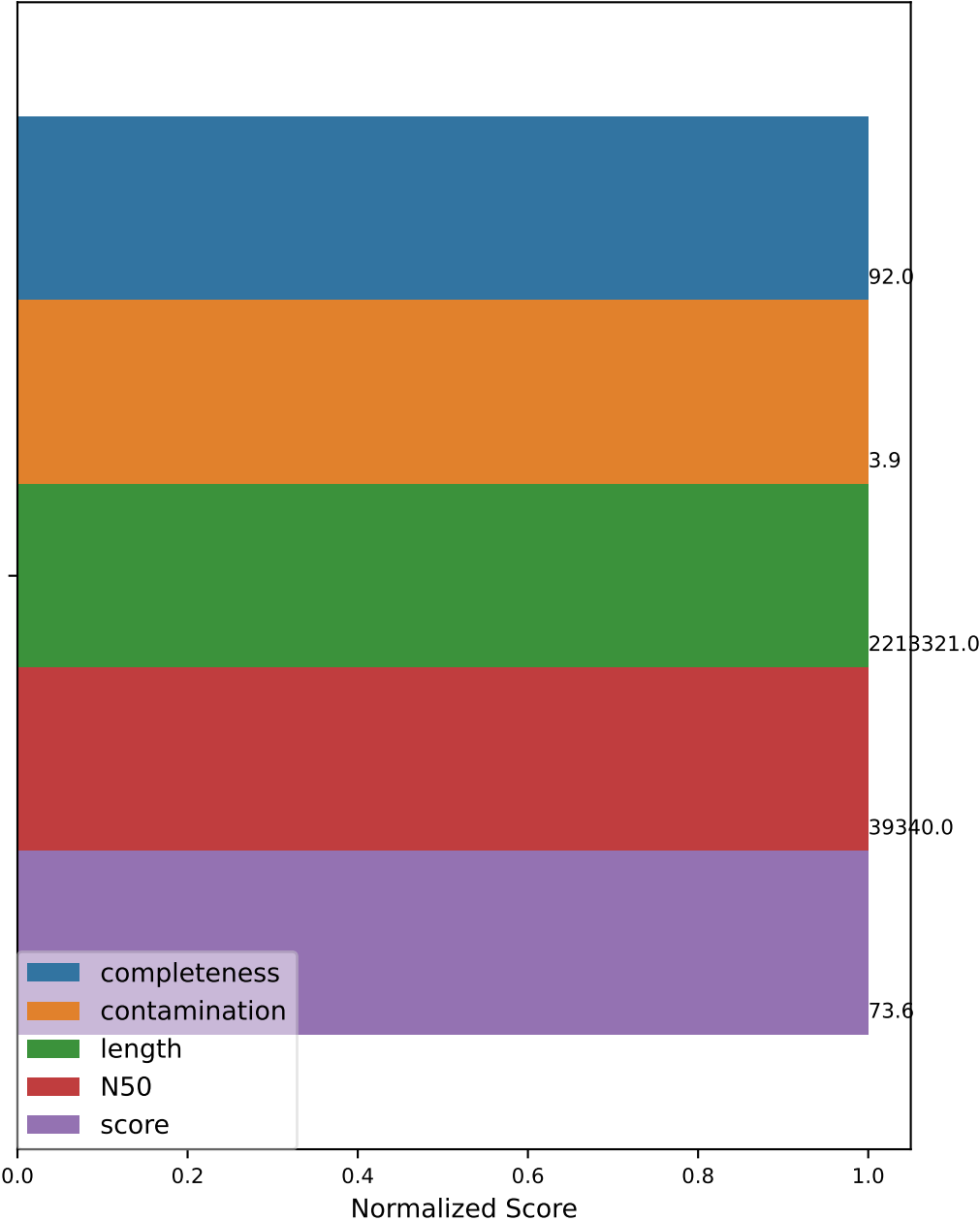
Scoring of cluster 851\_0



Scoring of cluster 852\_0

genome

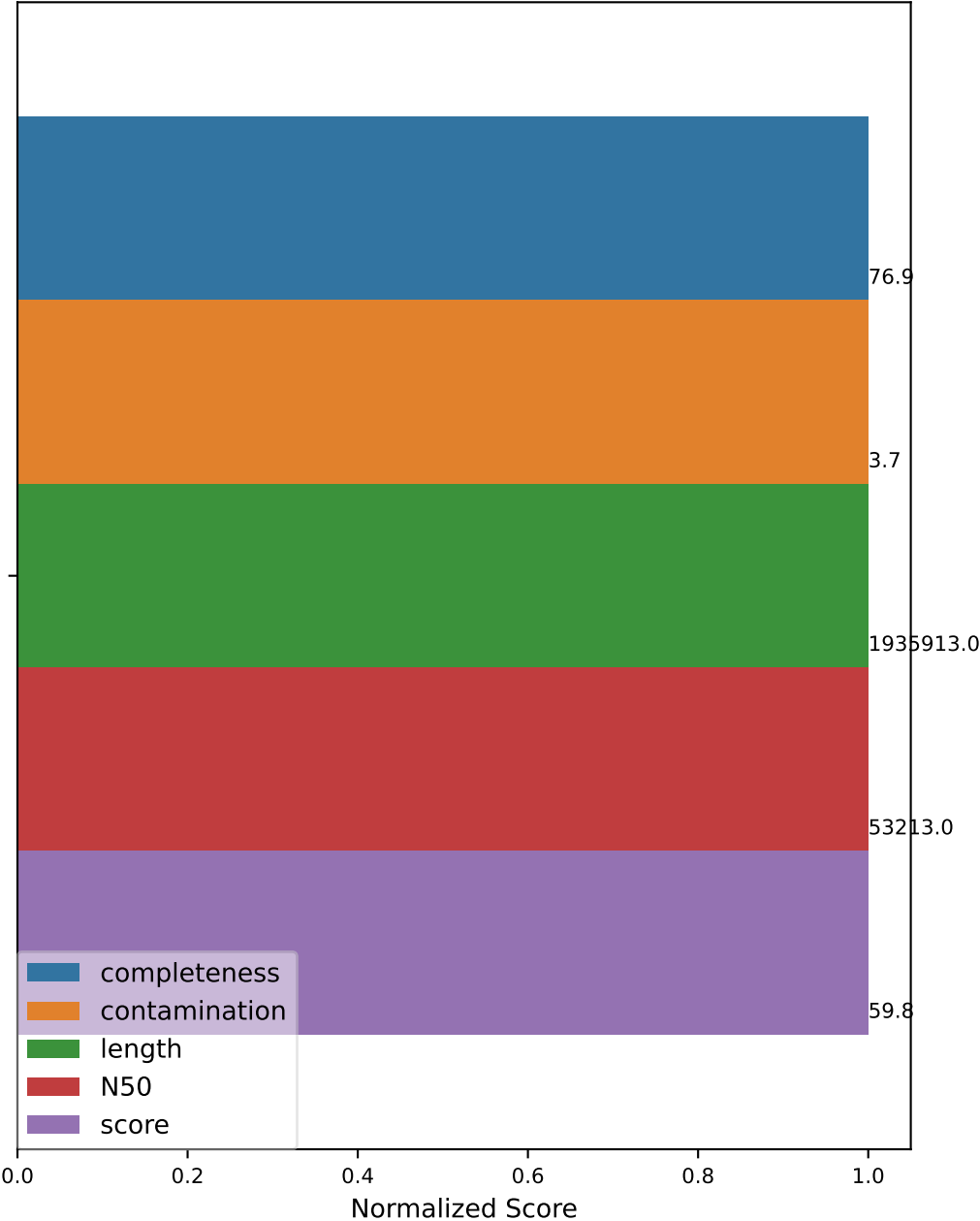
TOBG\_NAT-40.fna \*



Scoring of cluster 853\_0

genome

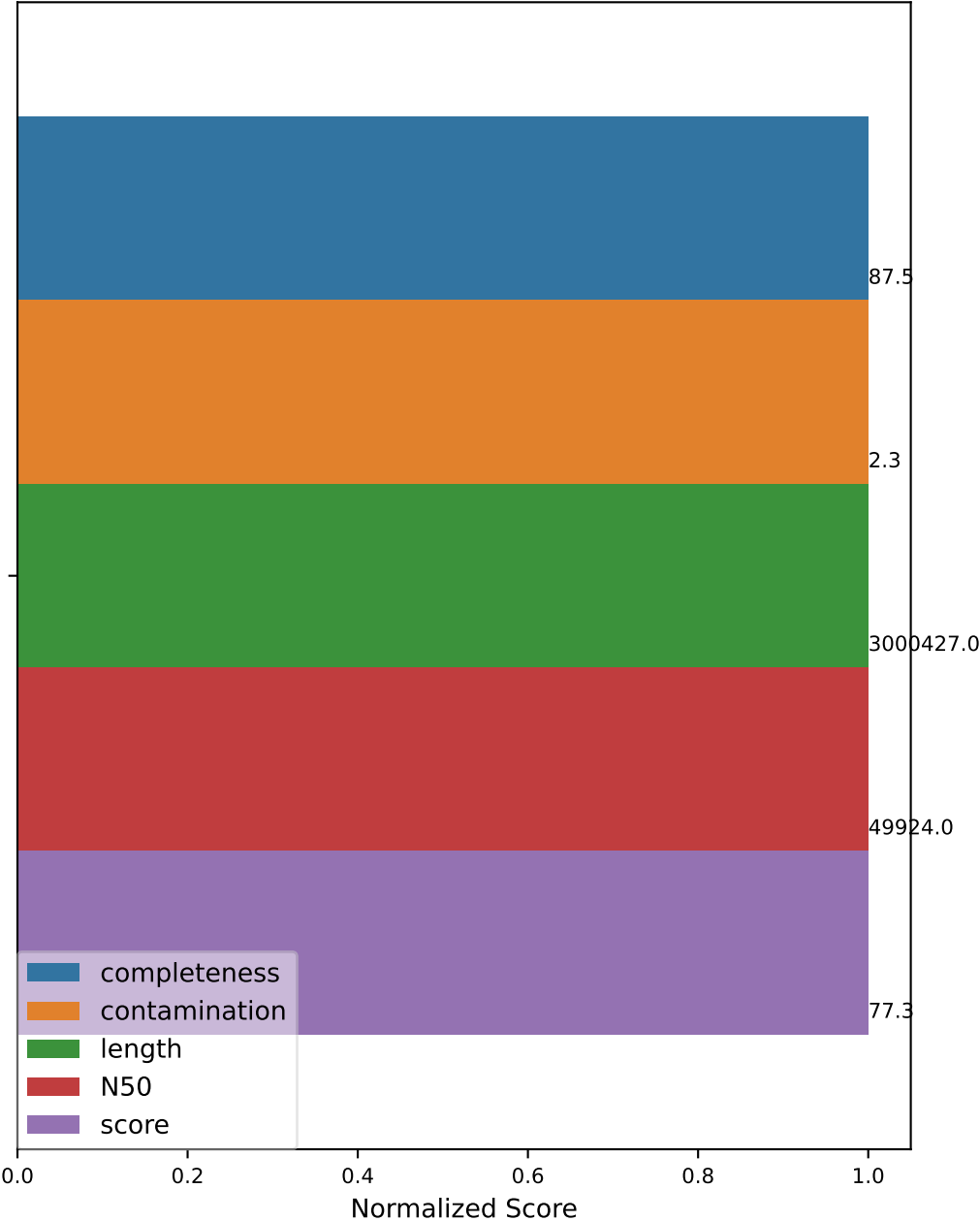
TOBG\_MED-850.fna \*



Scoring of cluster 854\_0

genome

TOBG\_NAT-70.fna \*

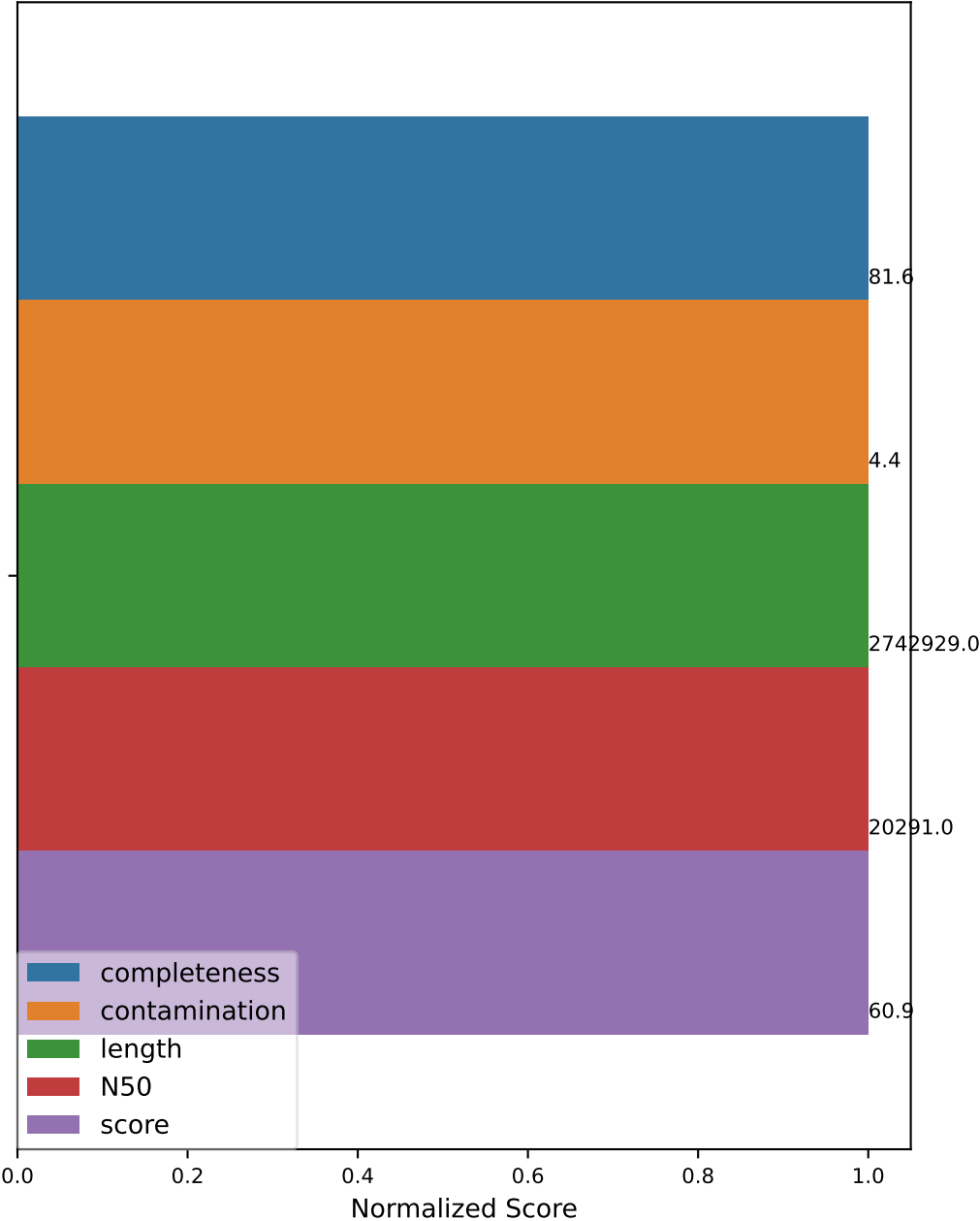




Scoring of cluster 855\_0

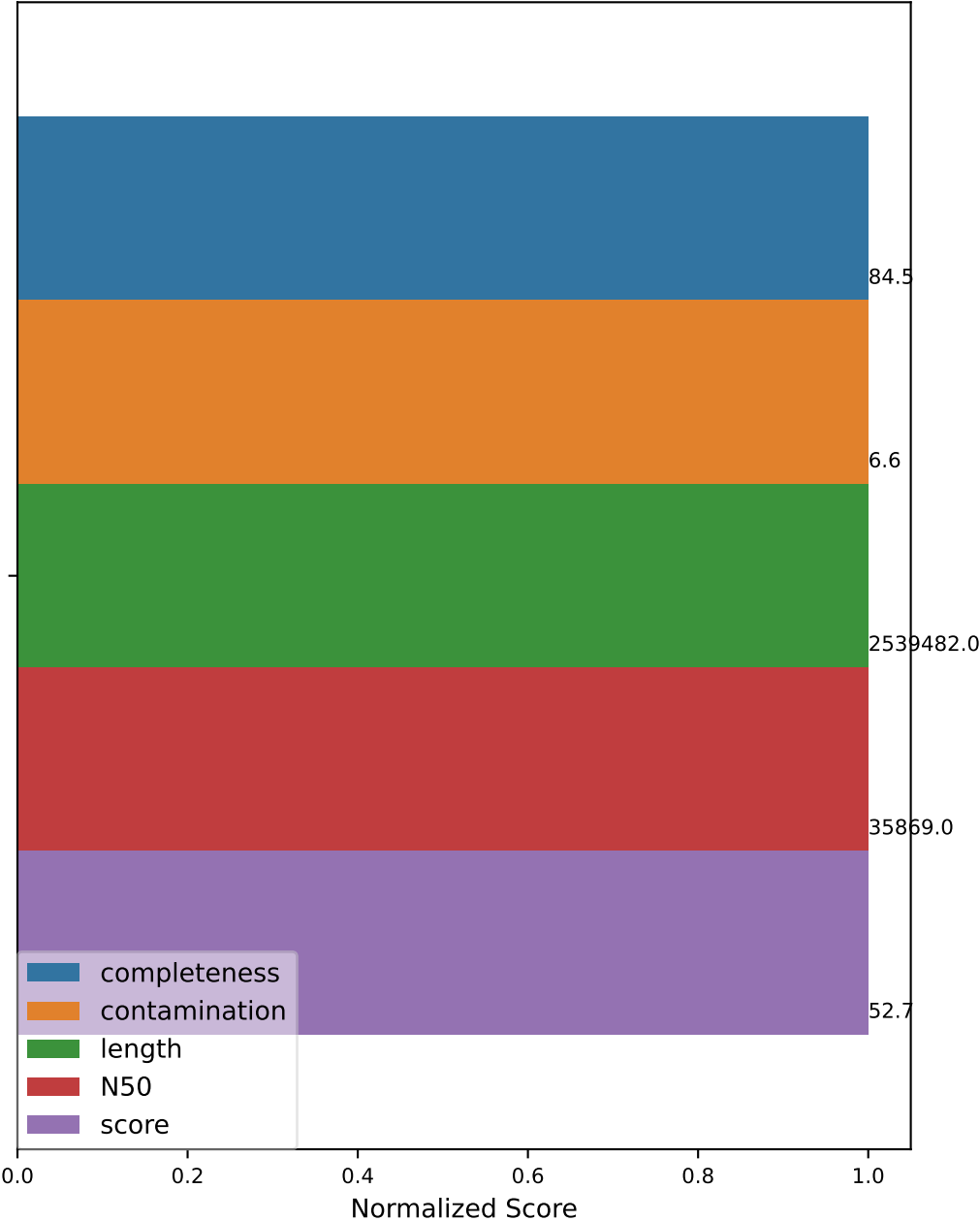
genome

TOBG\_NAT-39.fna \*



Scoring of cluster 856\_0

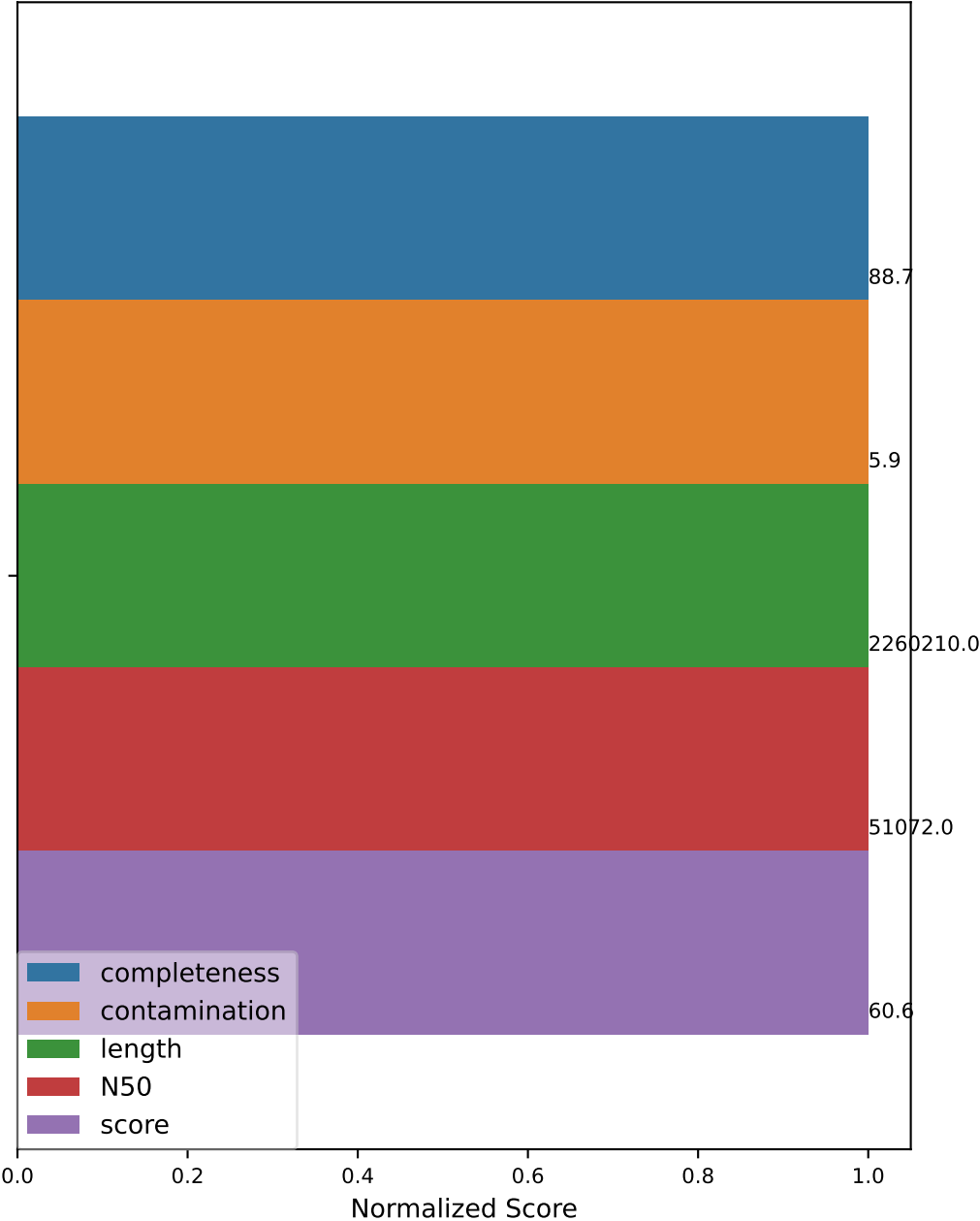
genome  
TOBG\_NP-970.fna \*



Scoring of cluster 857\_0

genome

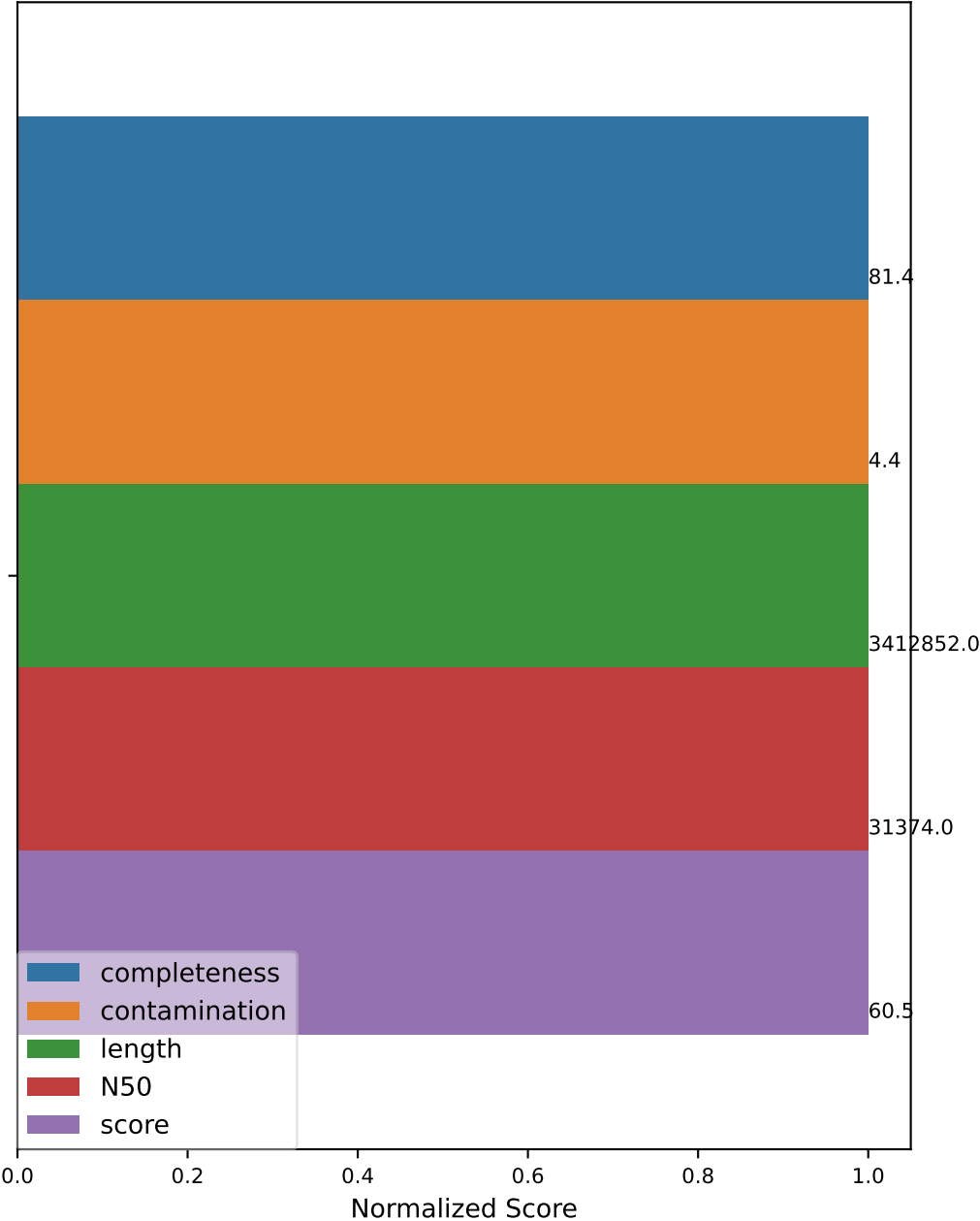
TOBG\_ARS-1019.fna \*



Scoring of cluster 858\_0

genome

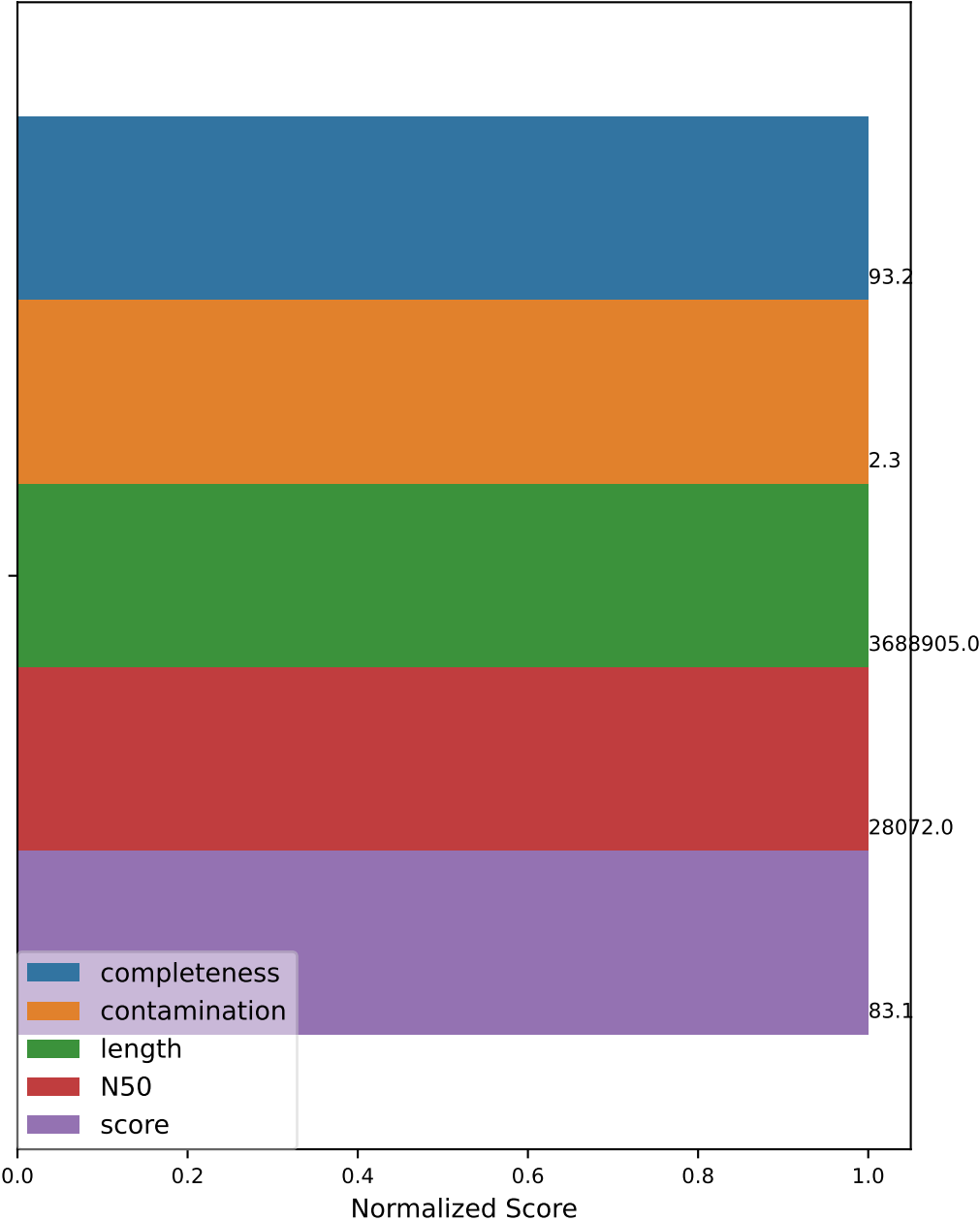
TOBG\_EAC-81.fna \*

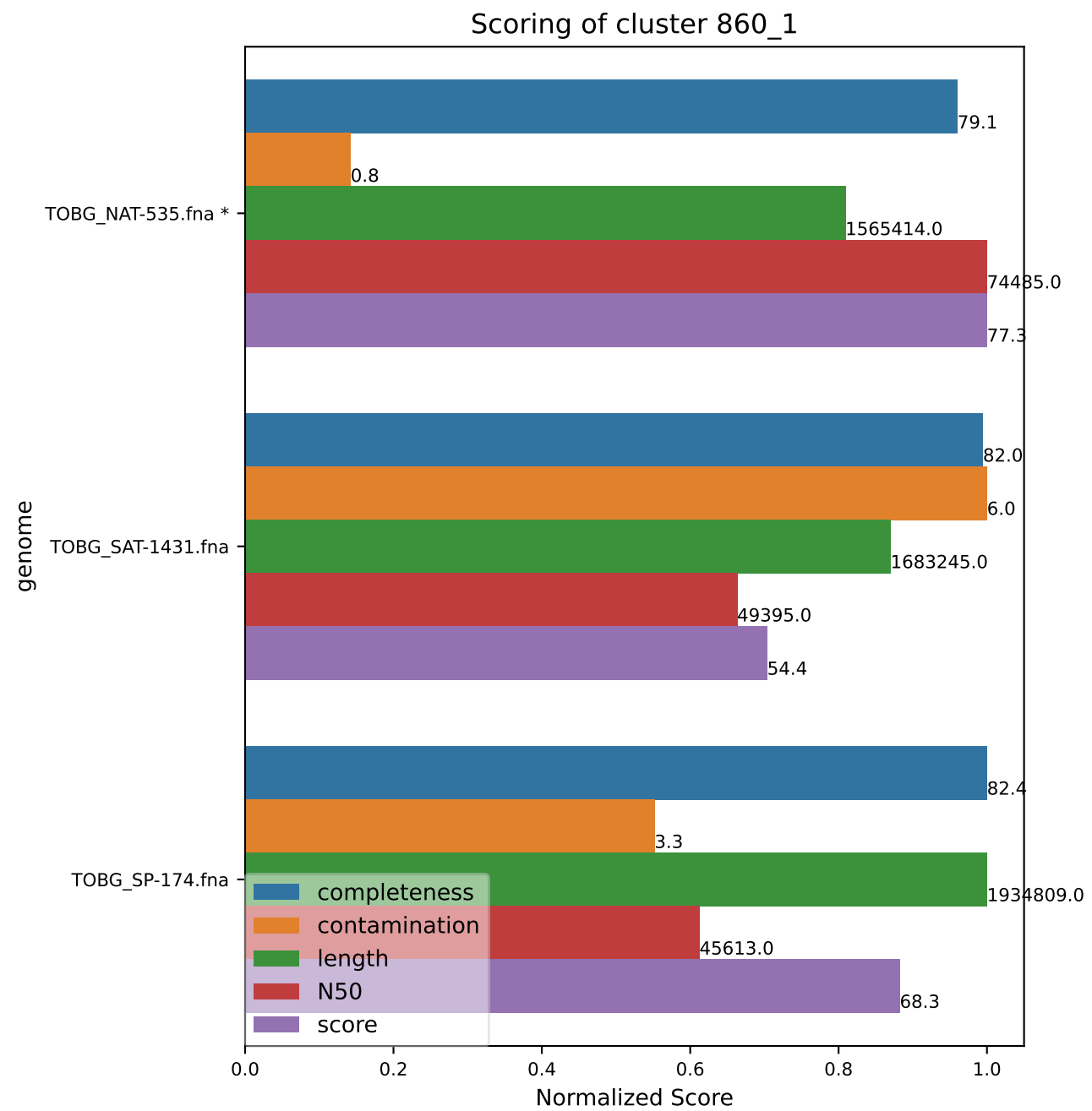


Scoring of cluster 859\_0

genome

TOBG\_CPC-3.fna \*

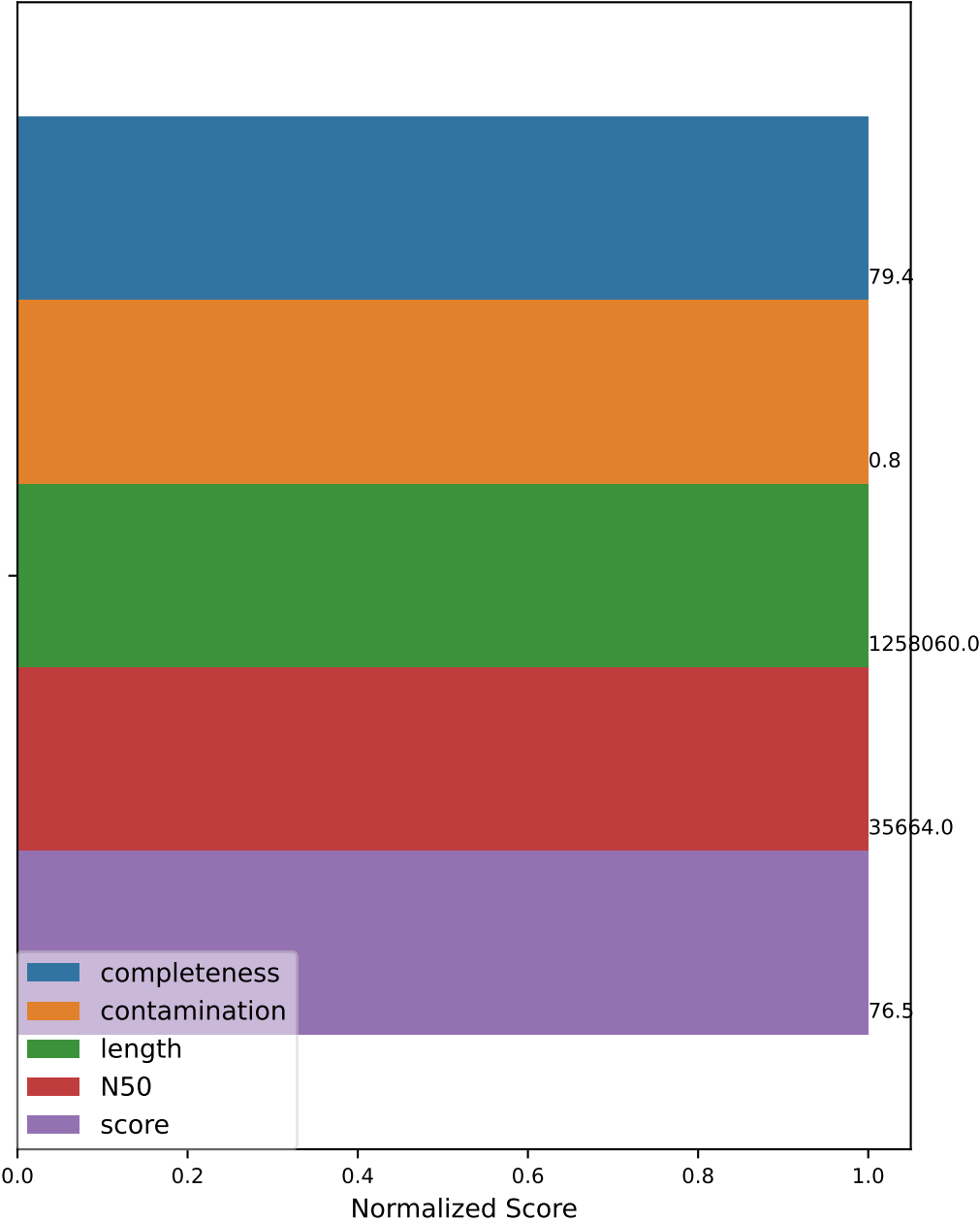




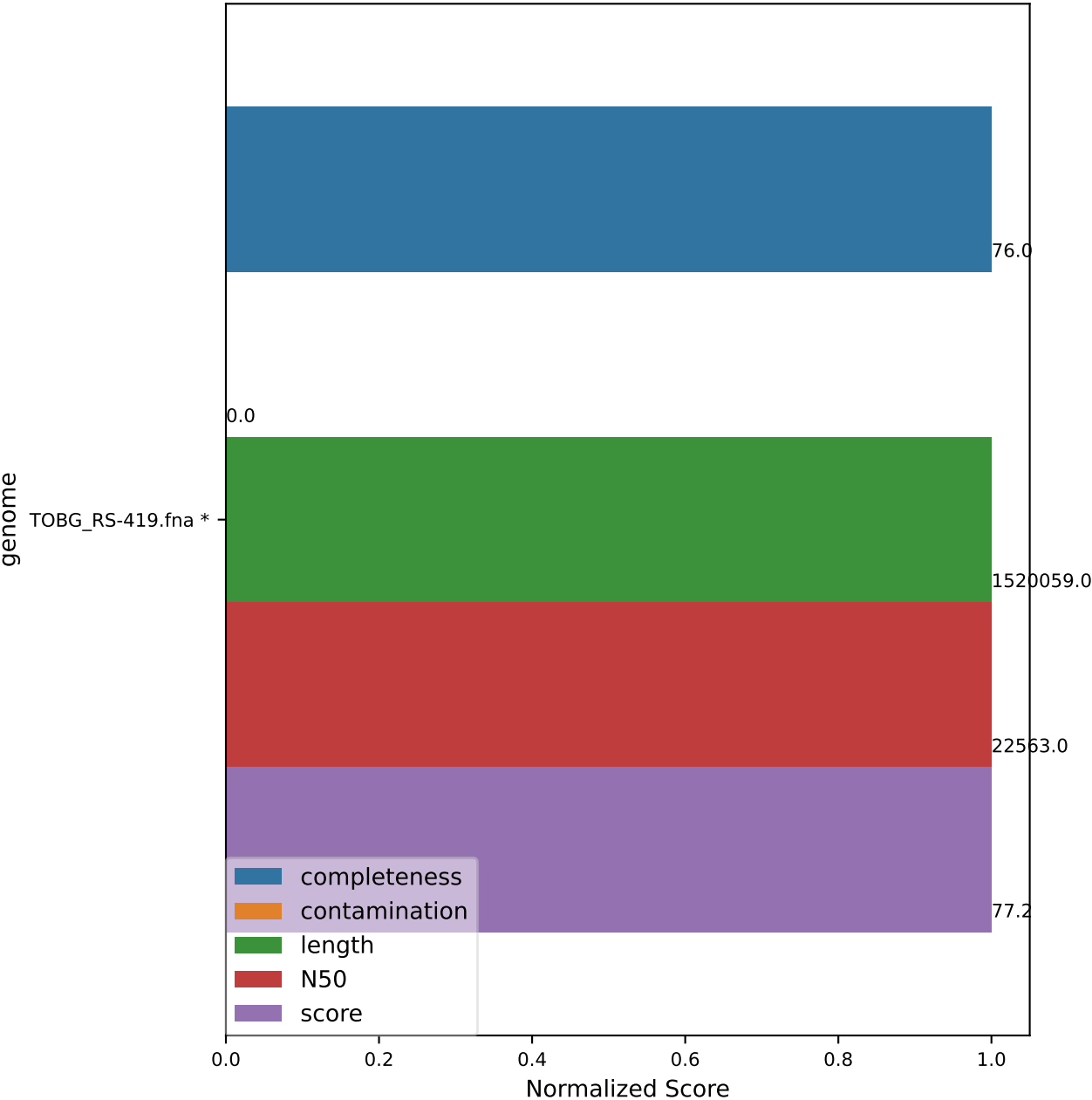
Scoring of cluster 861\_0

genome

TOBG\_SP-4154.fna \*

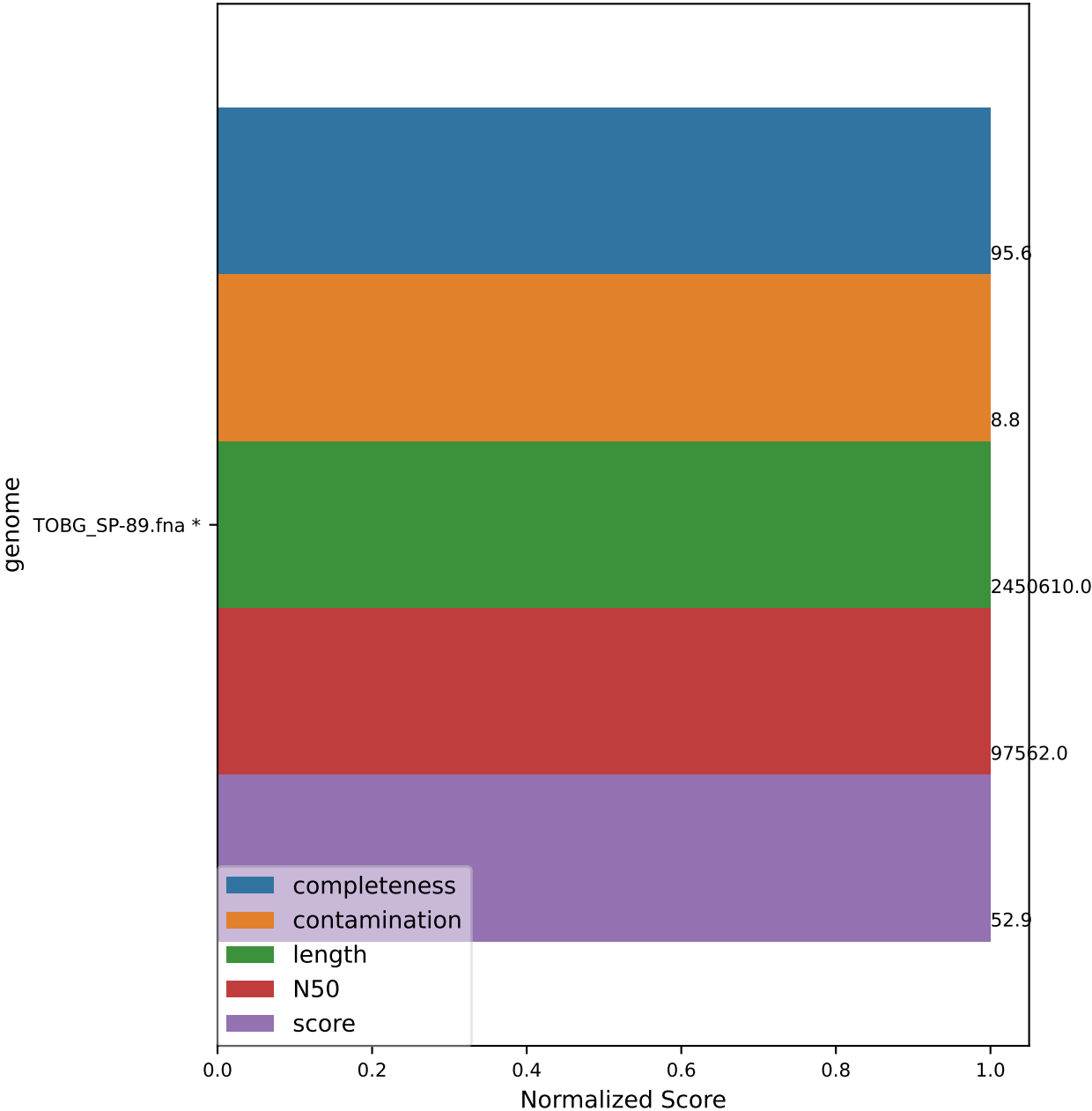


Scoring of cluster 862\_0

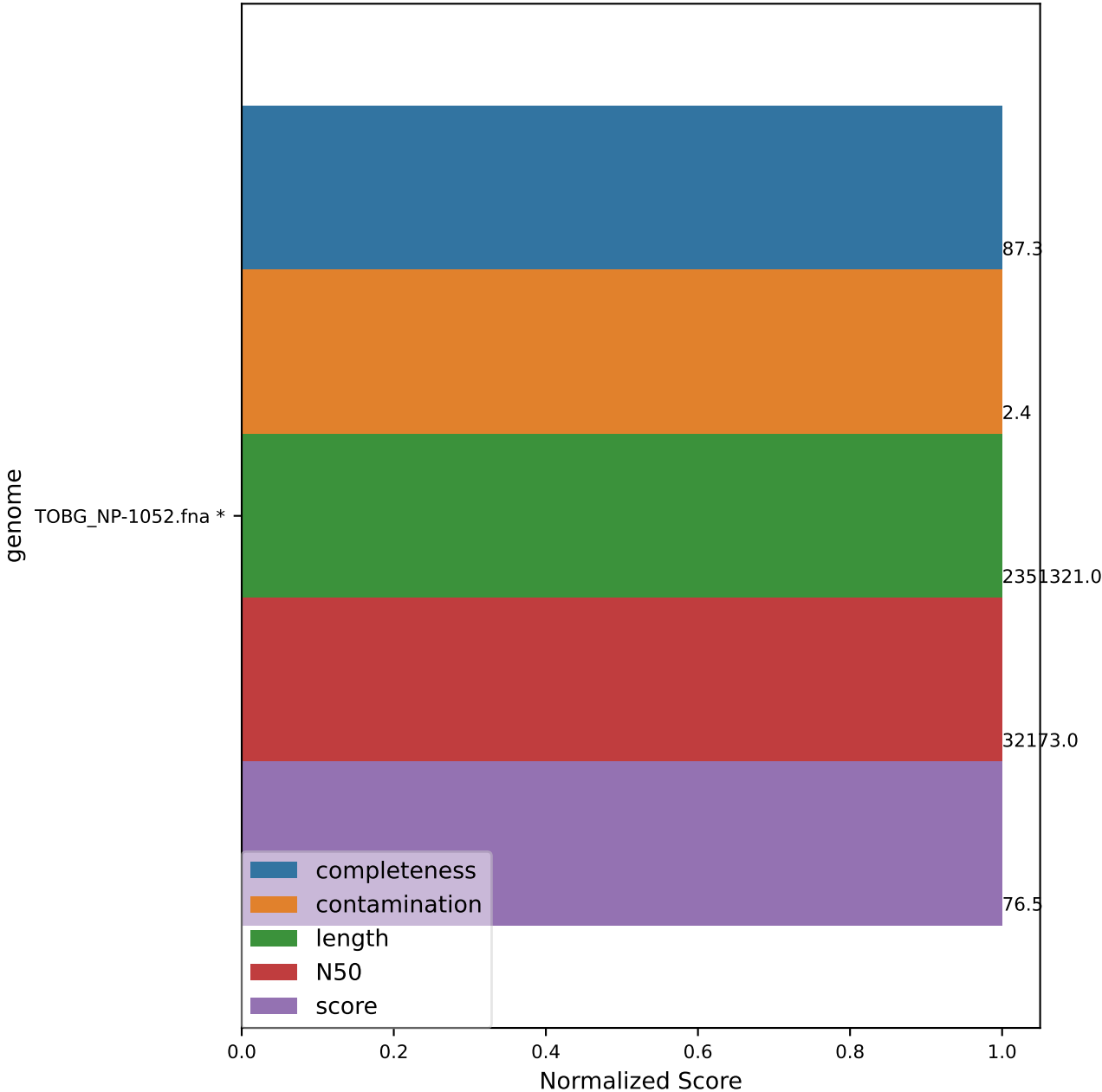




Scoring of cluster 863\_0



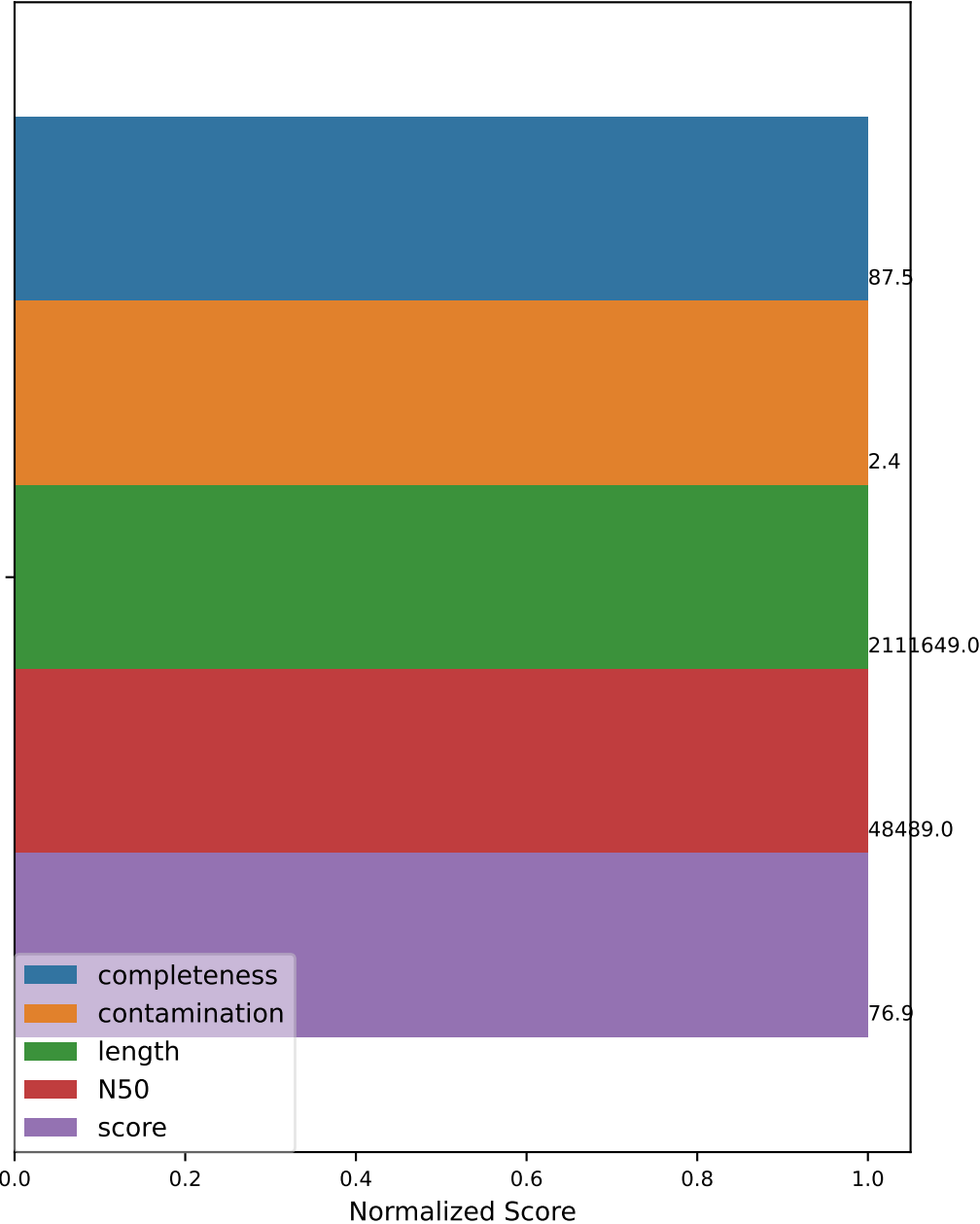
Scoring of cluster 864\_0



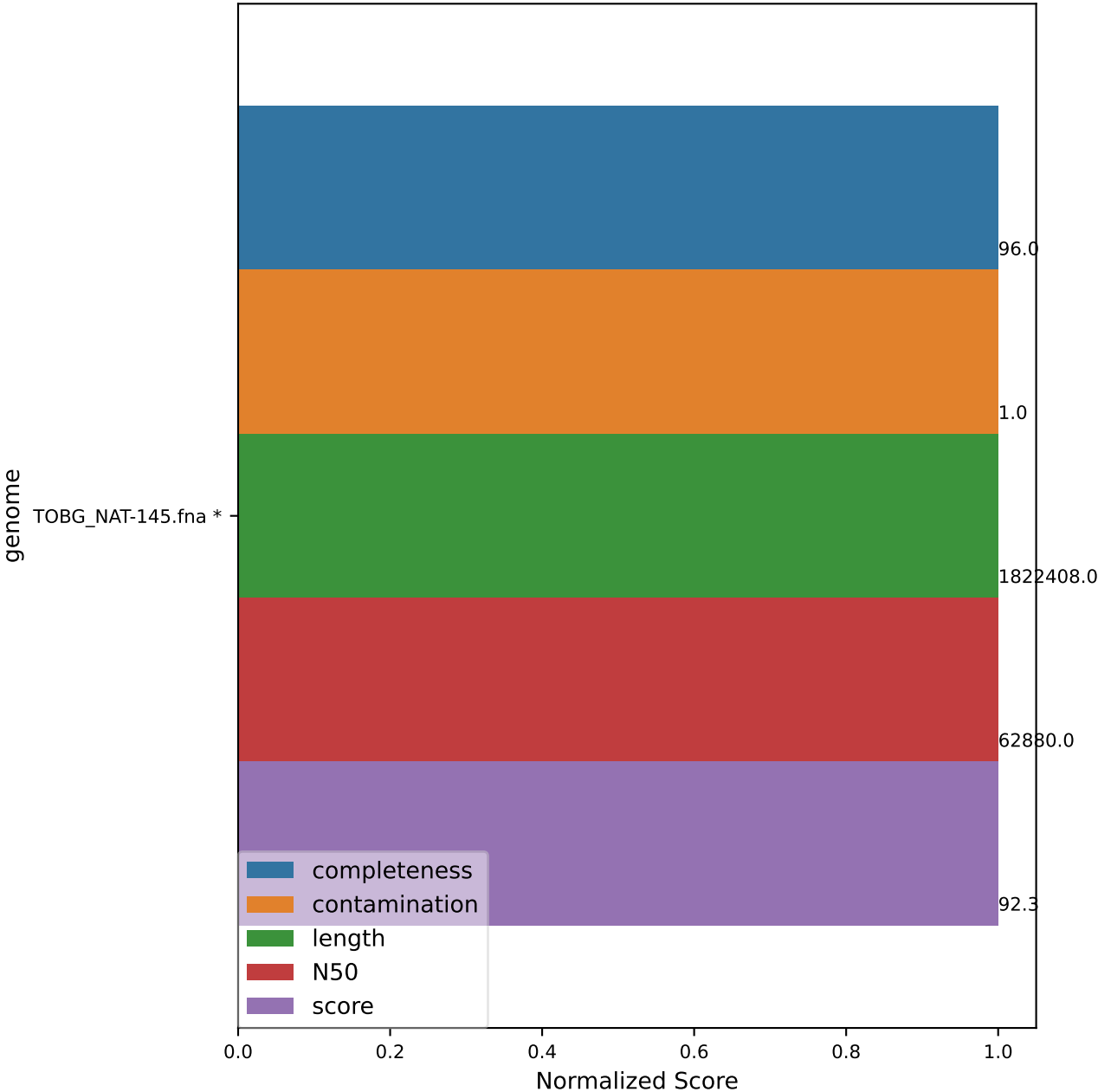
Scoring of cluster 865\_0

genome

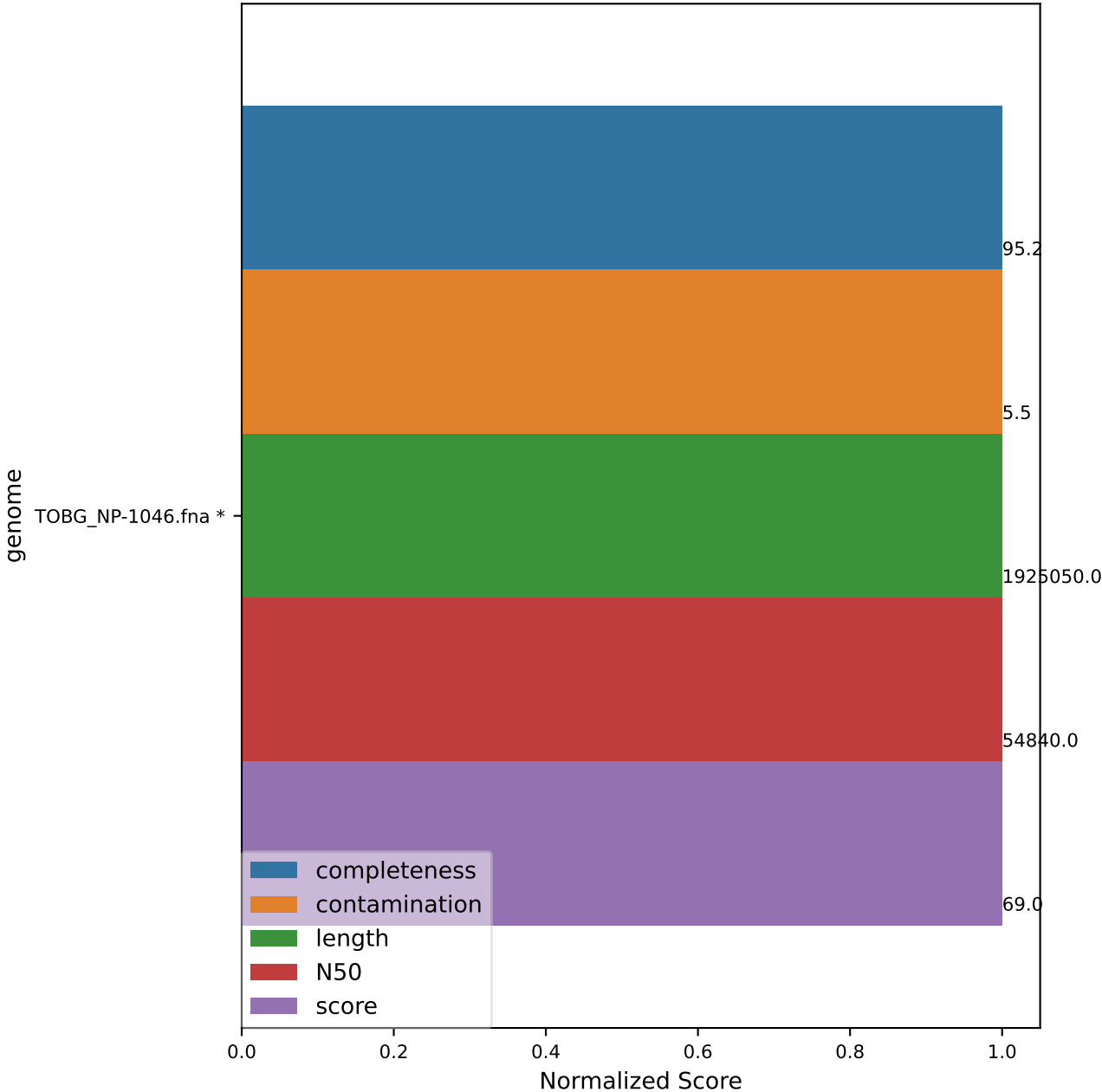
TOBG\_SP-293.fna \*



Scoring of cluster 866\_0



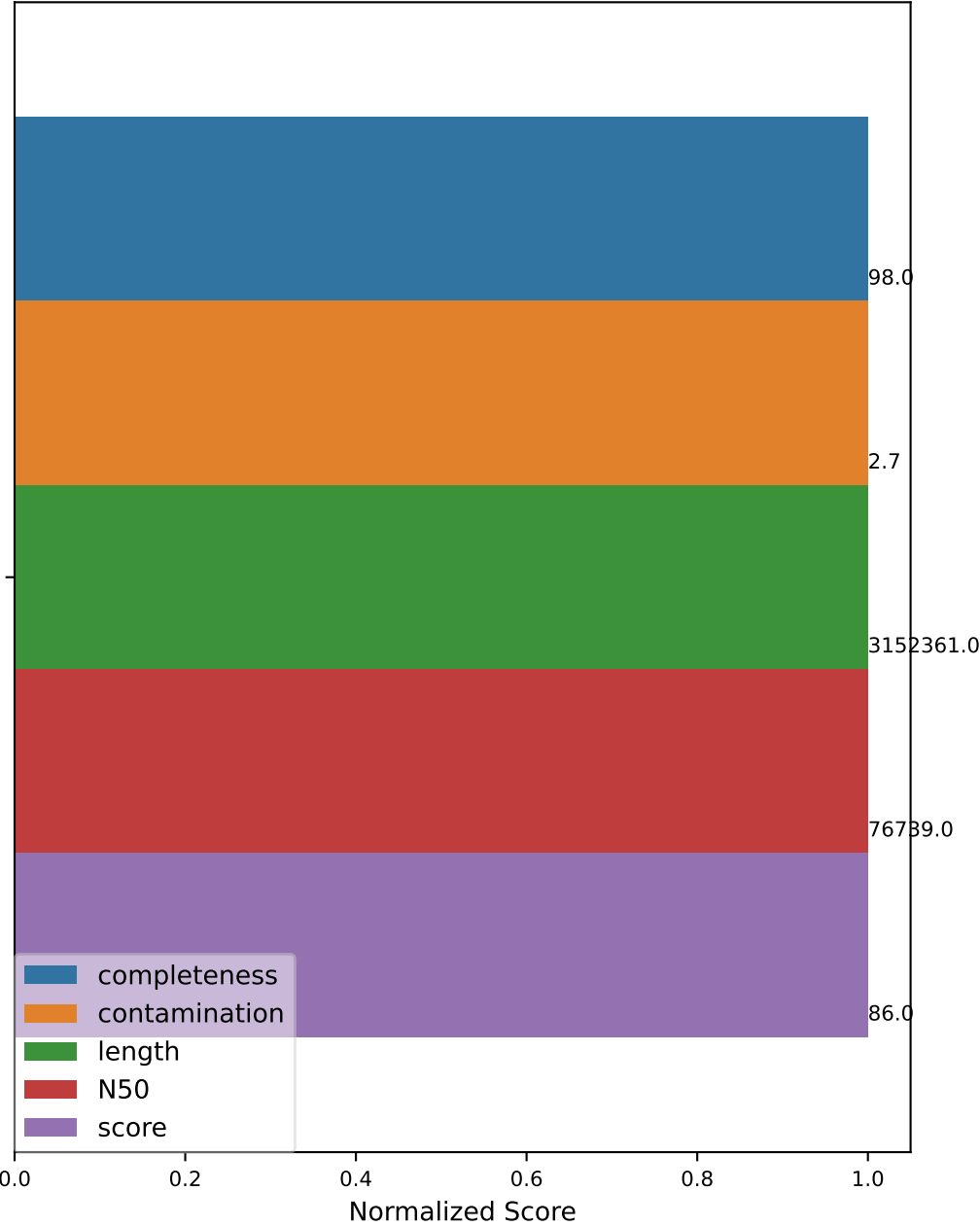
Scoring of cluster 867\_0



Scoring of cluster 868\_0

genome

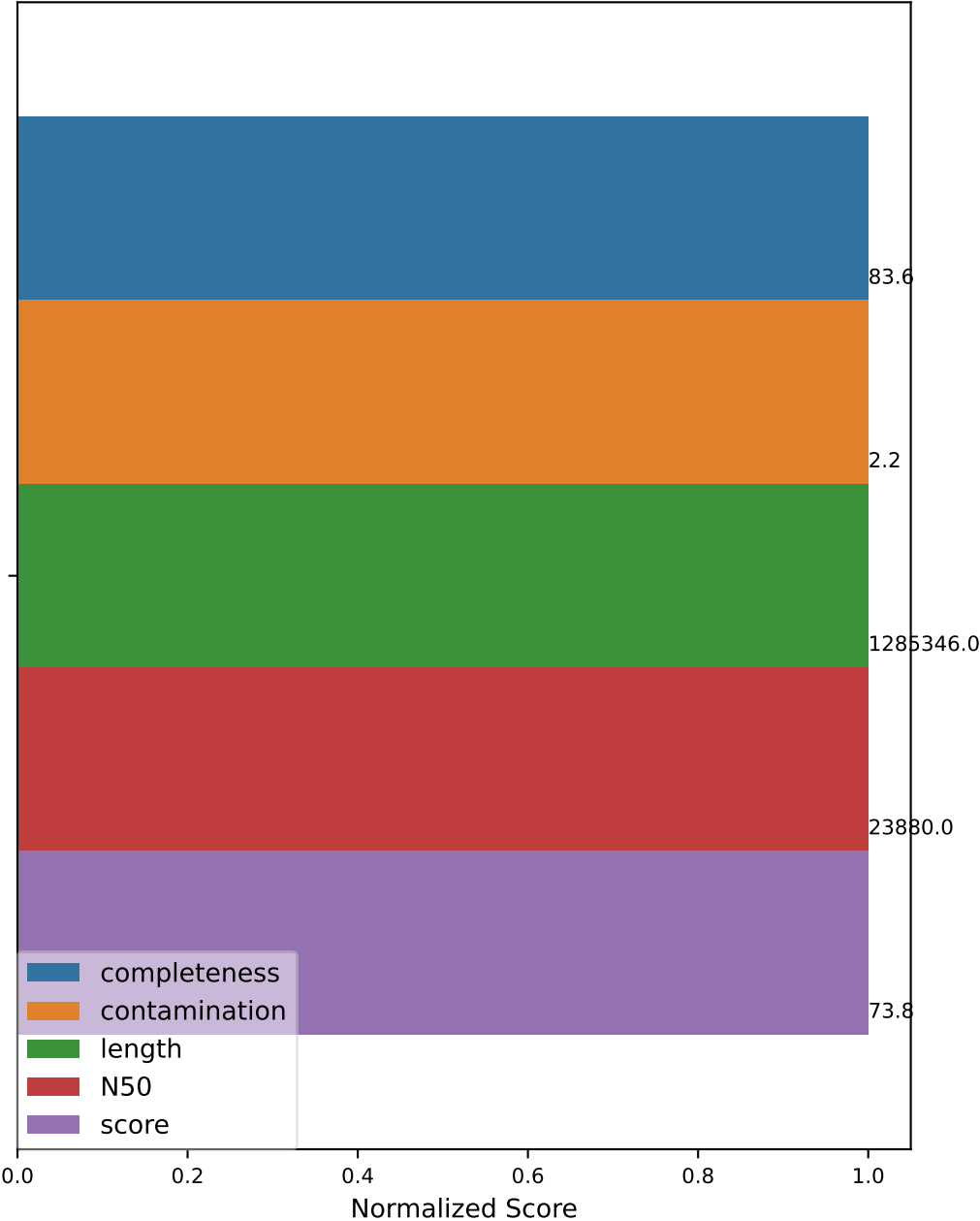
TOBG\_SP-13.fna \*



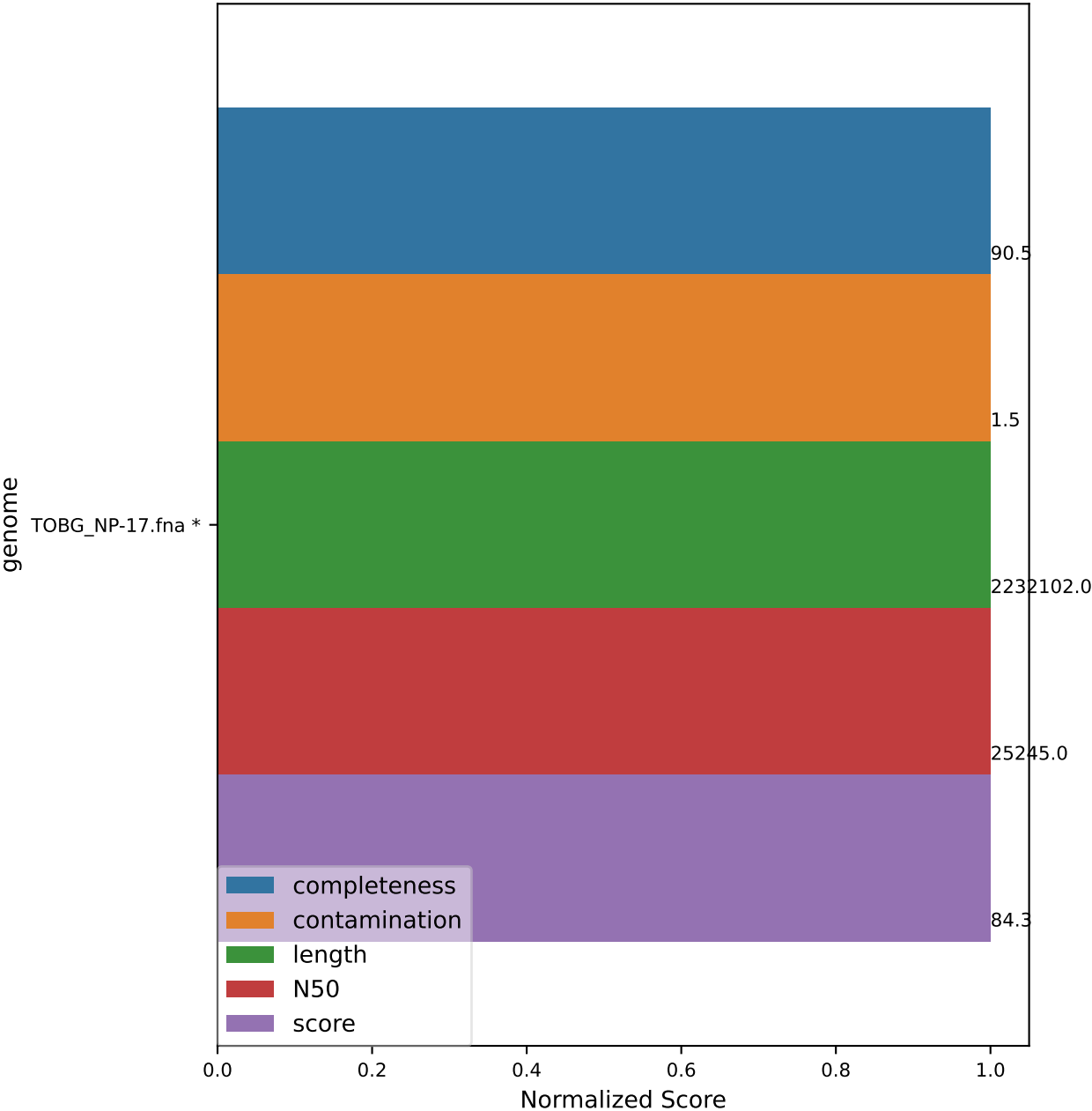
Scoring of cluster 869\_0

genome

TOBG\_MED-630.fna \*



Scoring of cluster 870\_0

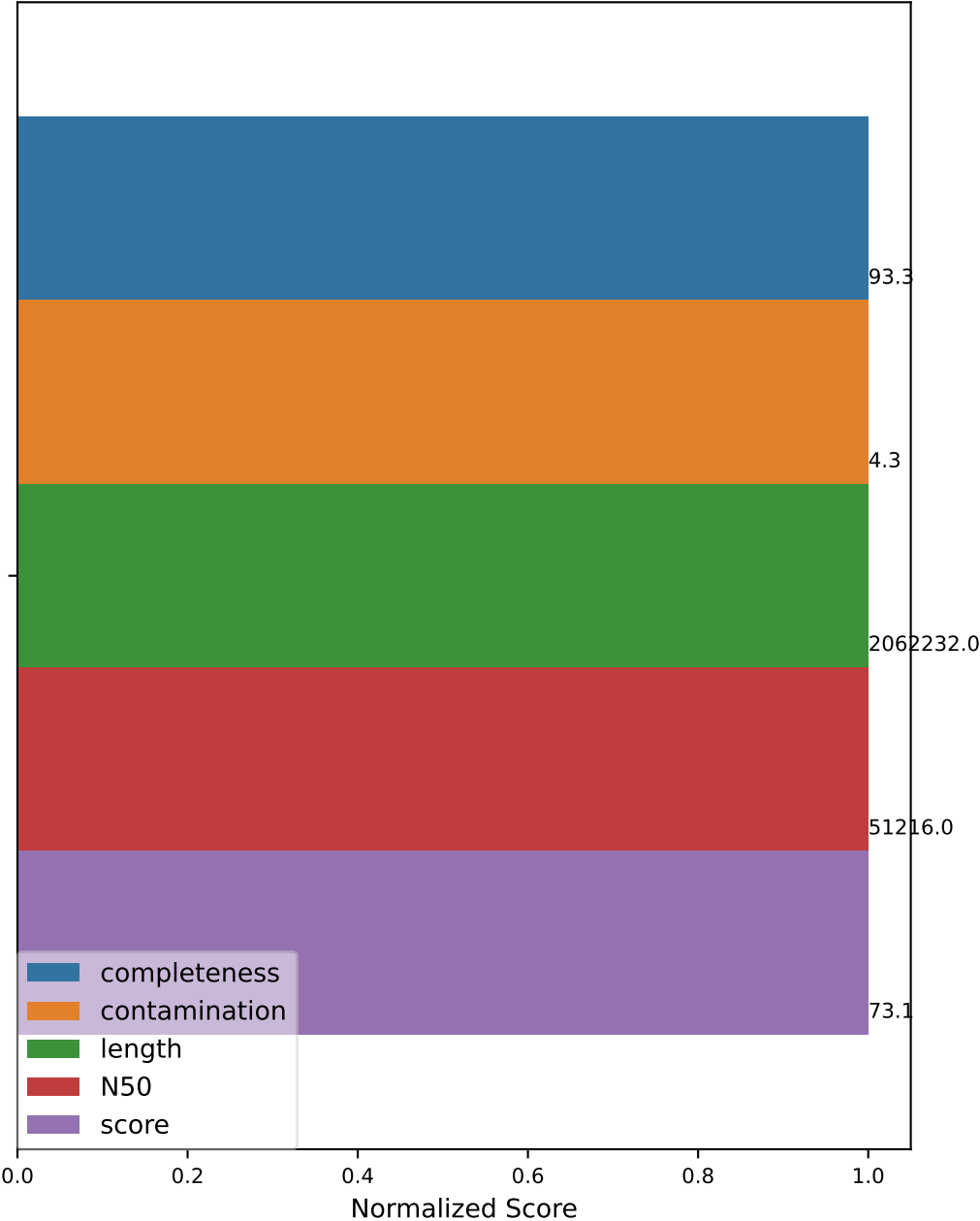




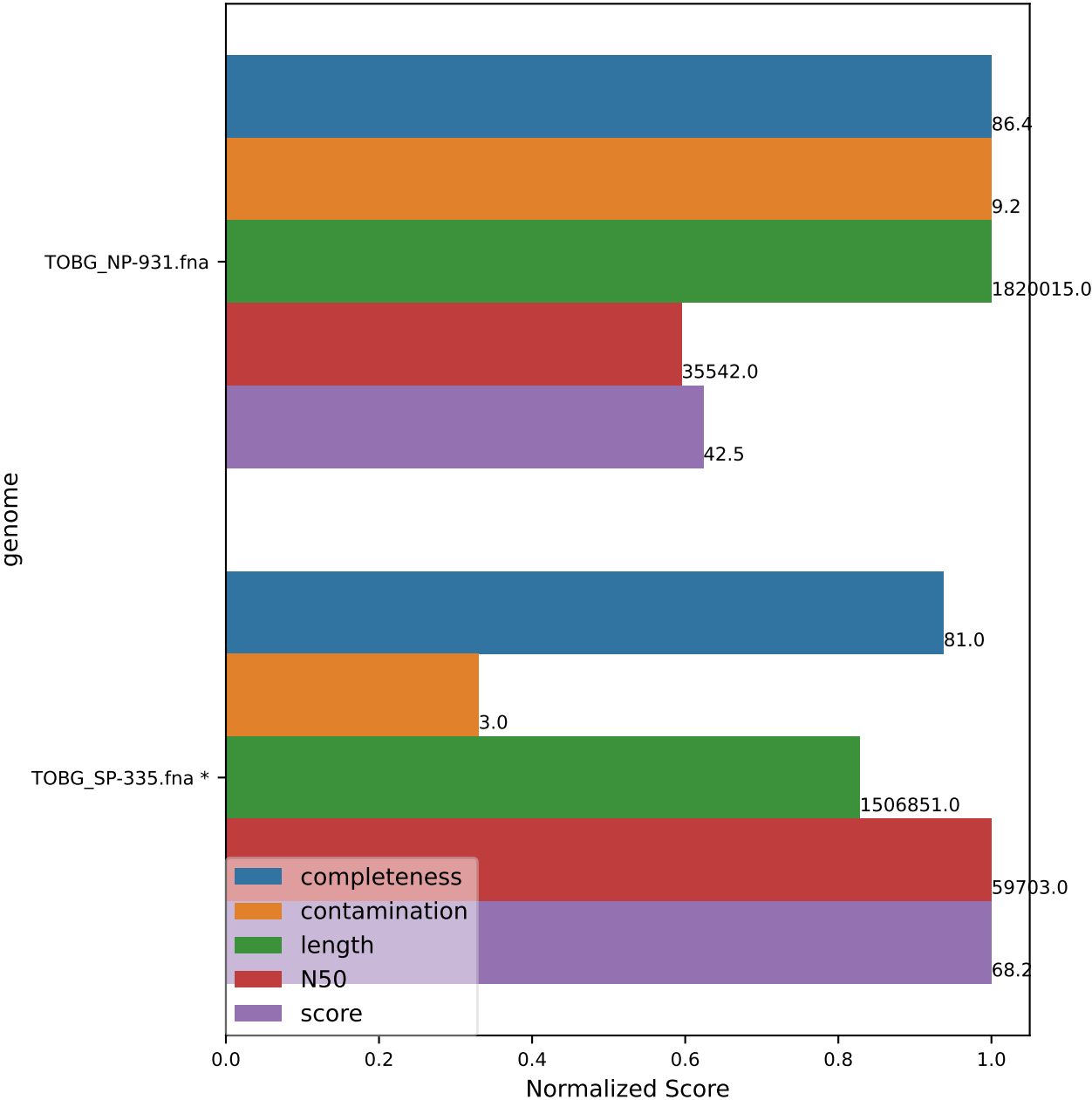
Scoring of cluster 871\_0

genome

TOBG\_MED-748.fna \*



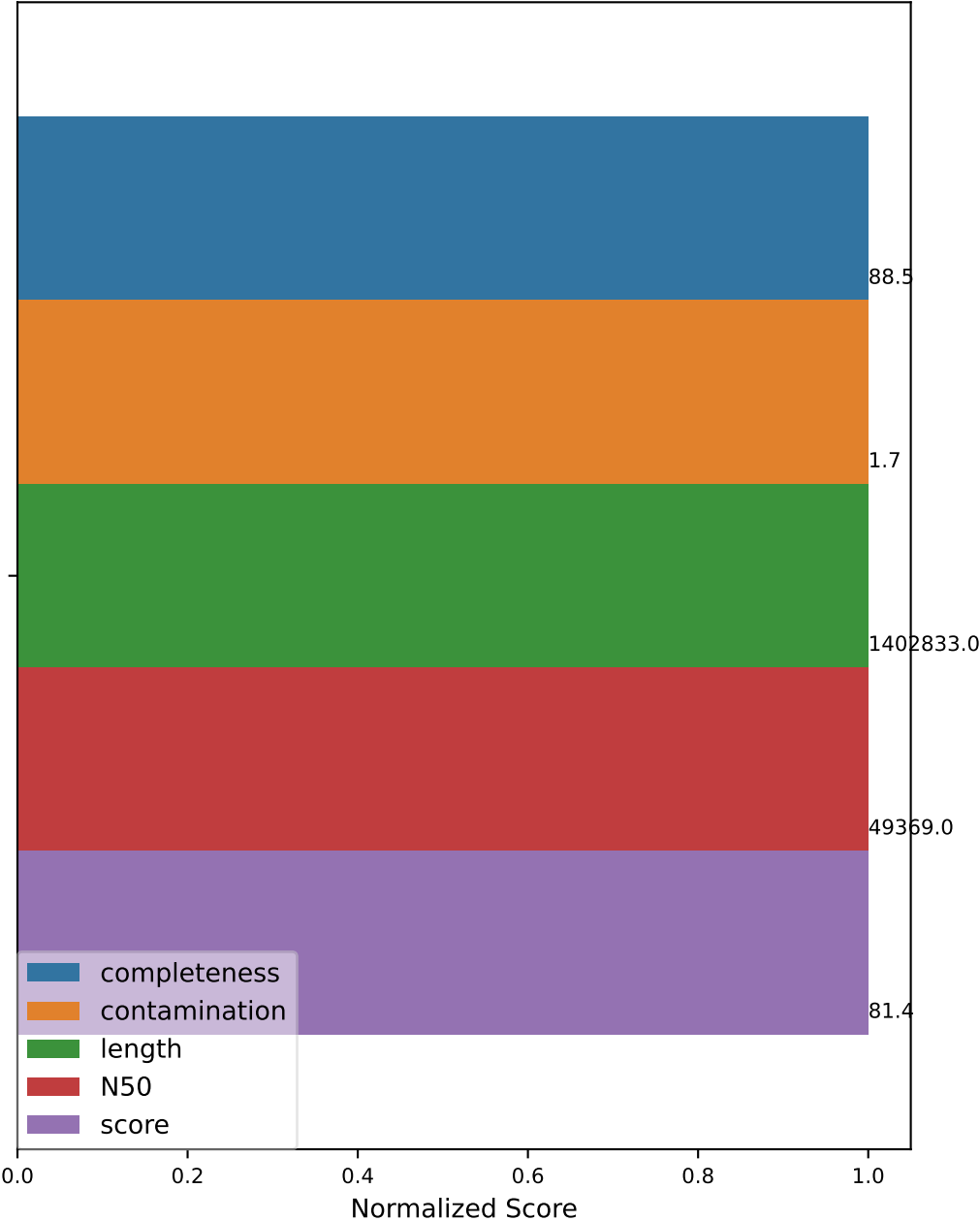
Scoring of cluster 872\_1



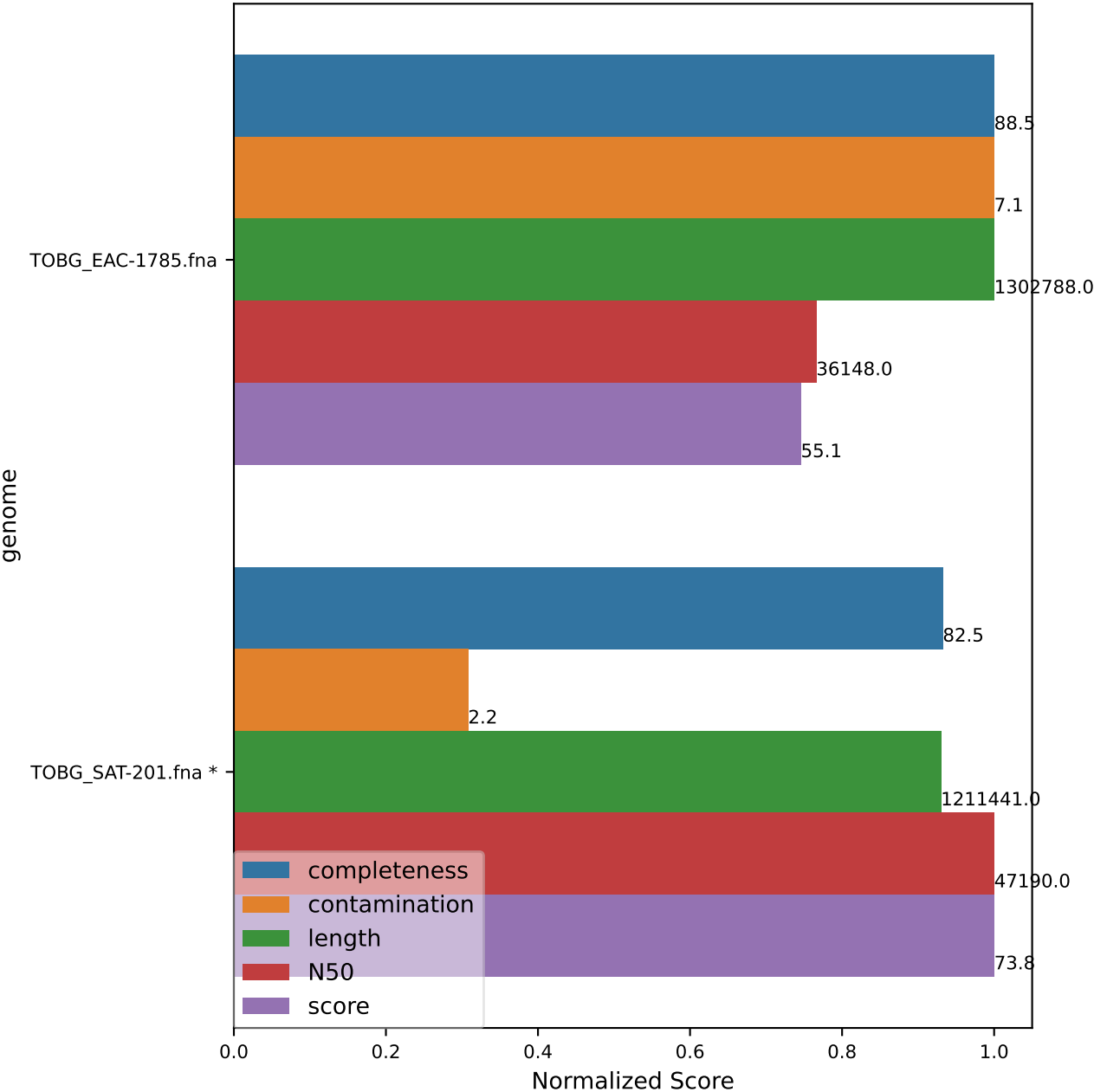
Scoring of cluster 873\_0

genome

TOBG\_MED-641.fna \*



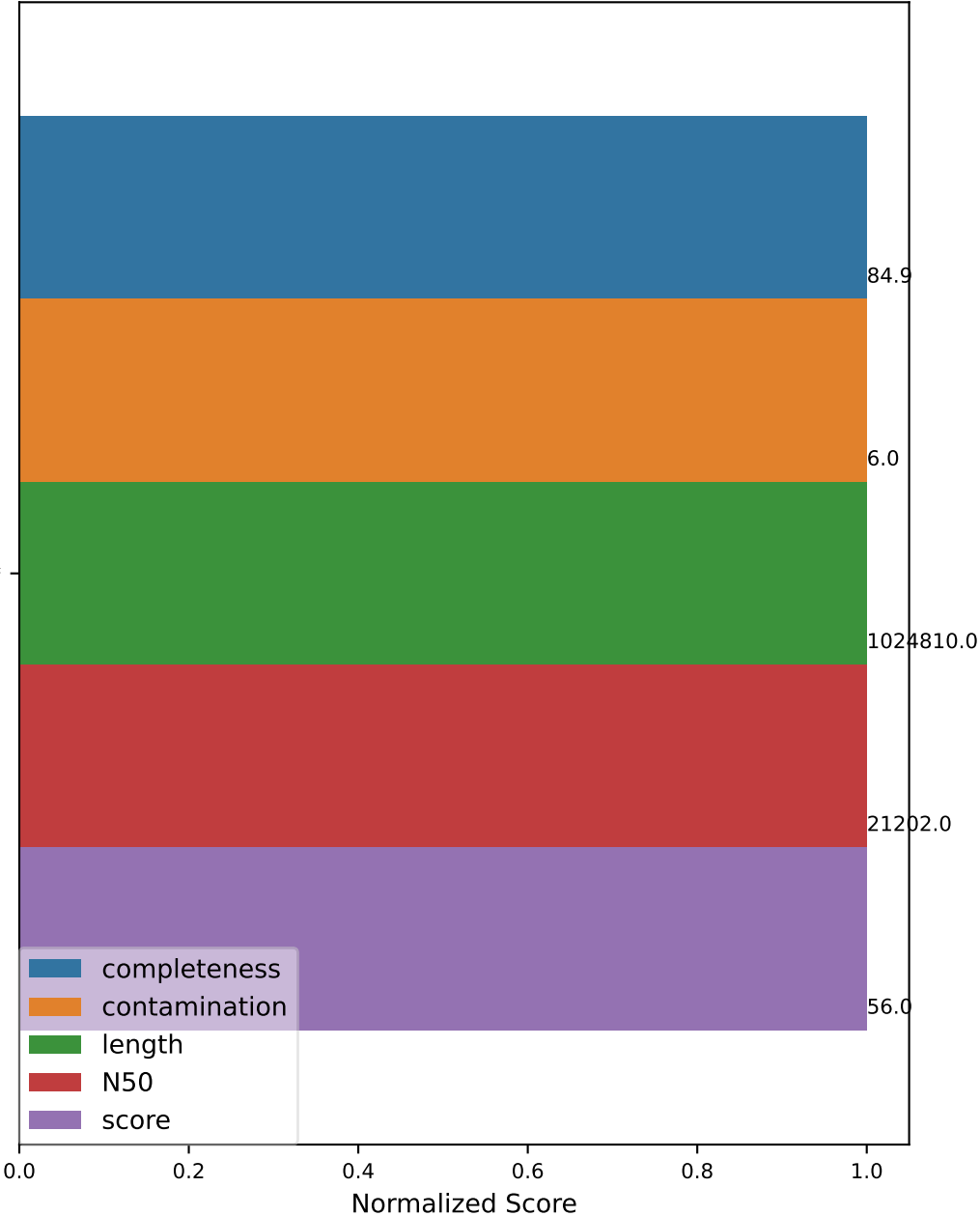
Scoring of cluster 874\_1



Scoring of cluster 875\_0

genome

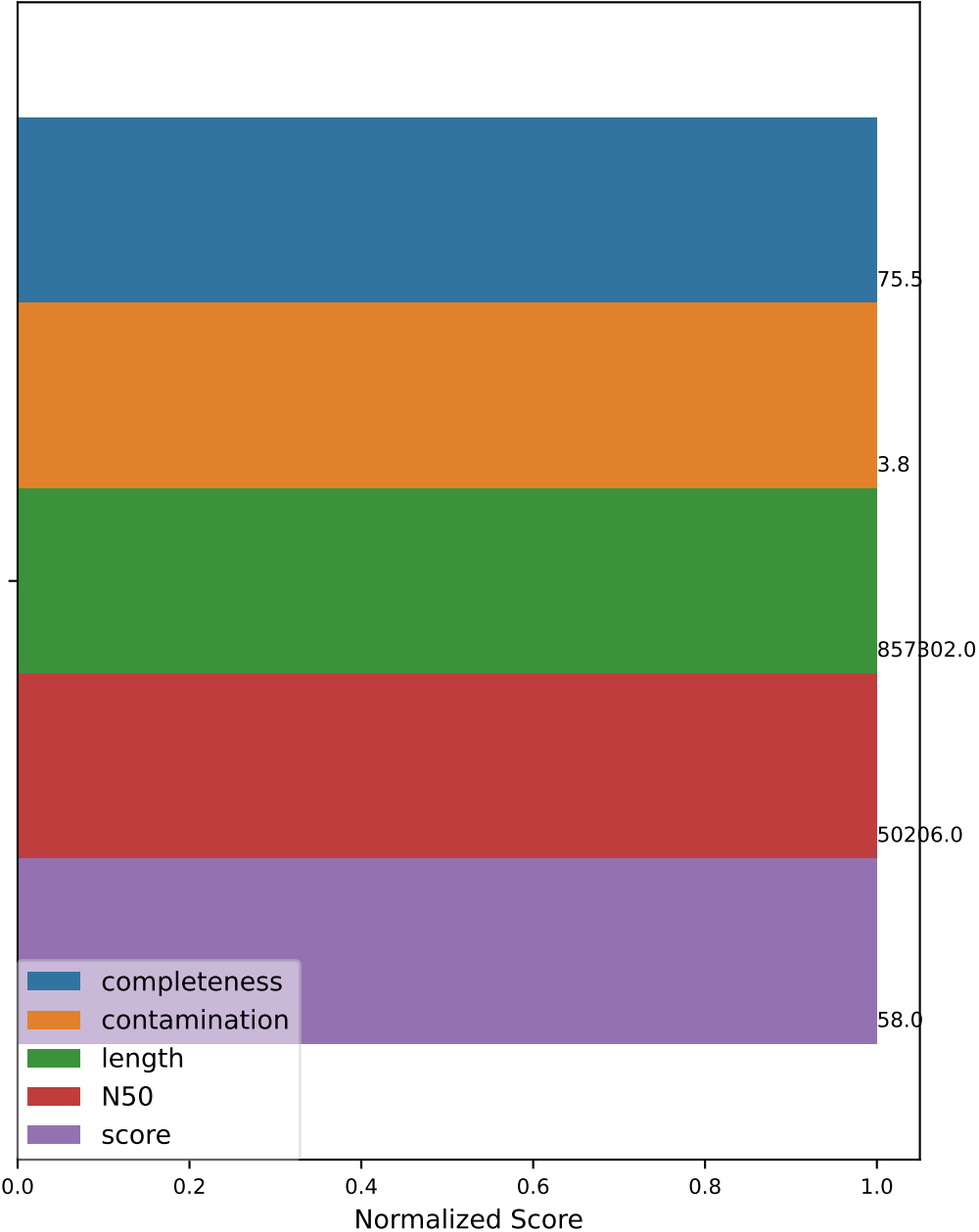
TOBG\_MED-1153.fna \*



Scoring of cluster 876\_0

genome

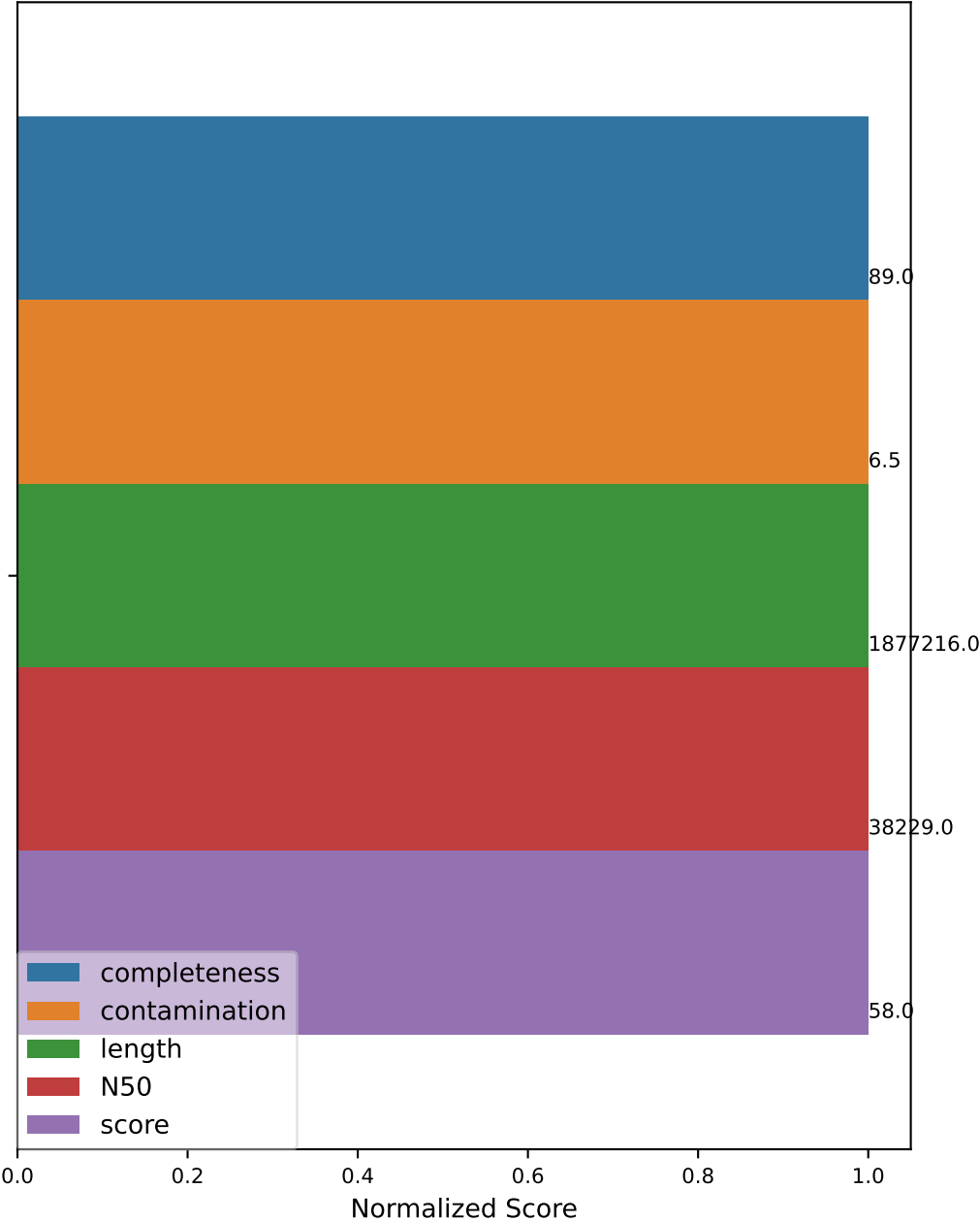
TOBG\_MED-827.fna \*



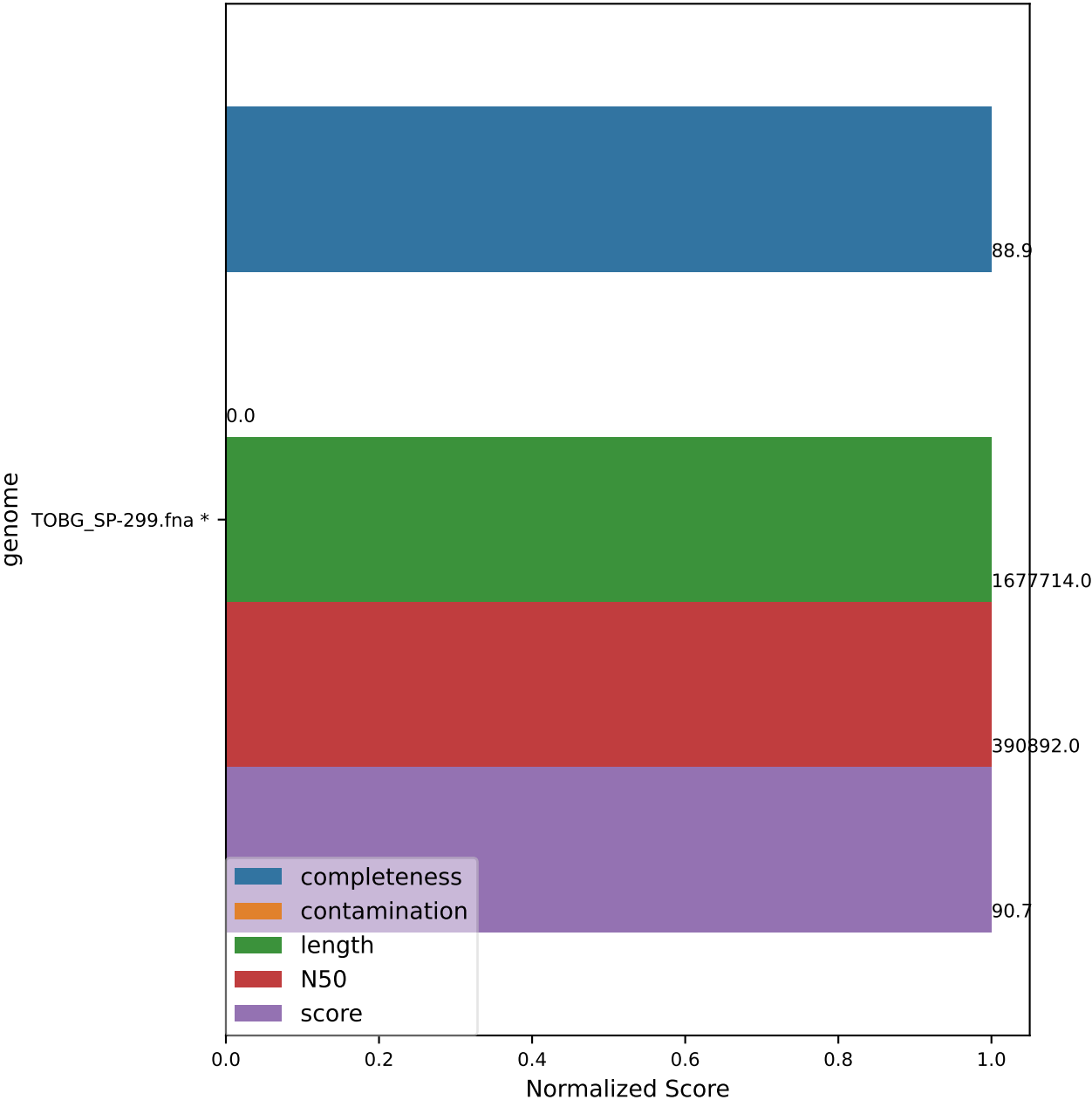
Scoring of cluster 877\_0

genome

TOBG\_MED-965.fna \*

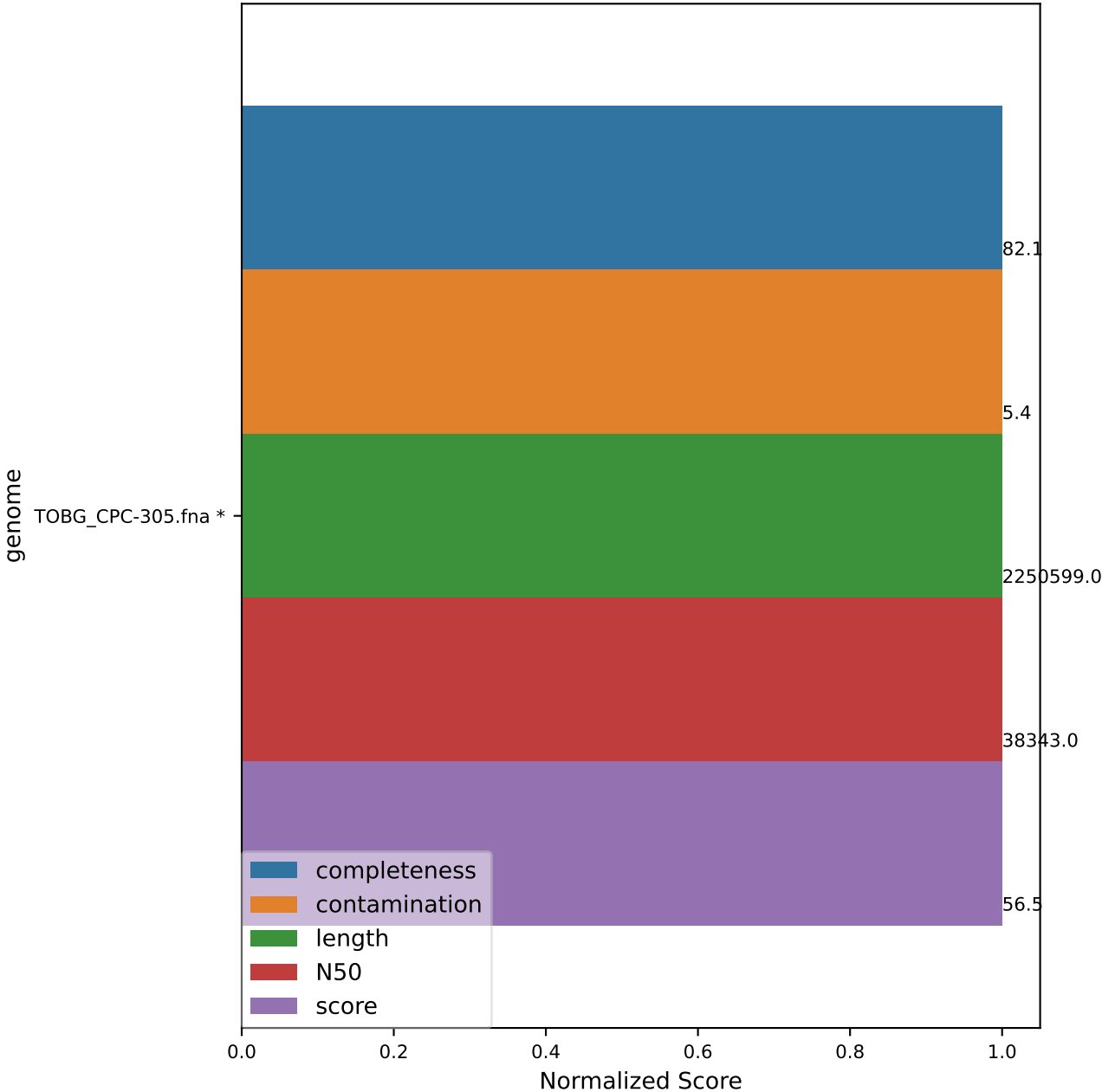


Scoring of cluster 878\_0

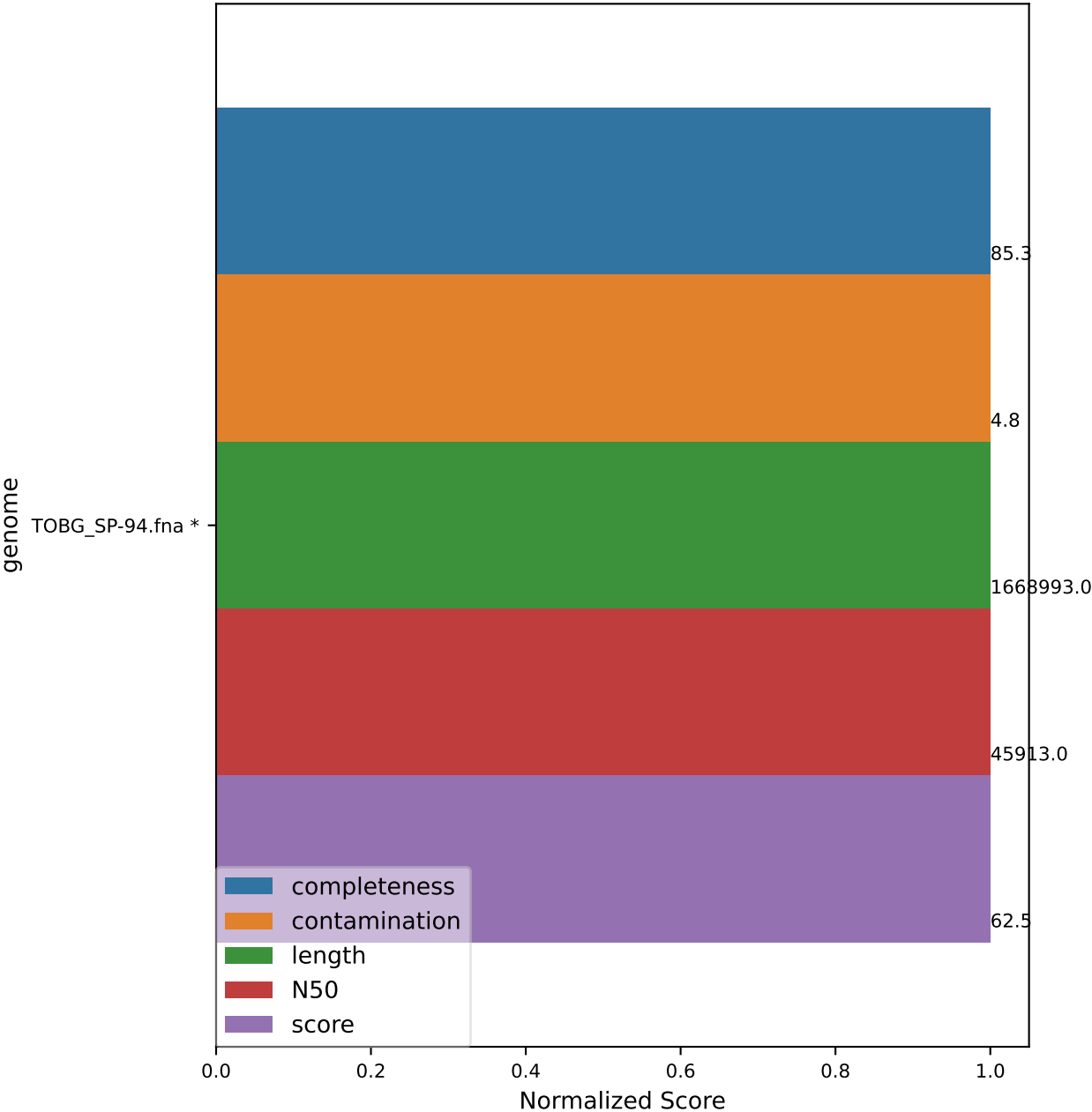




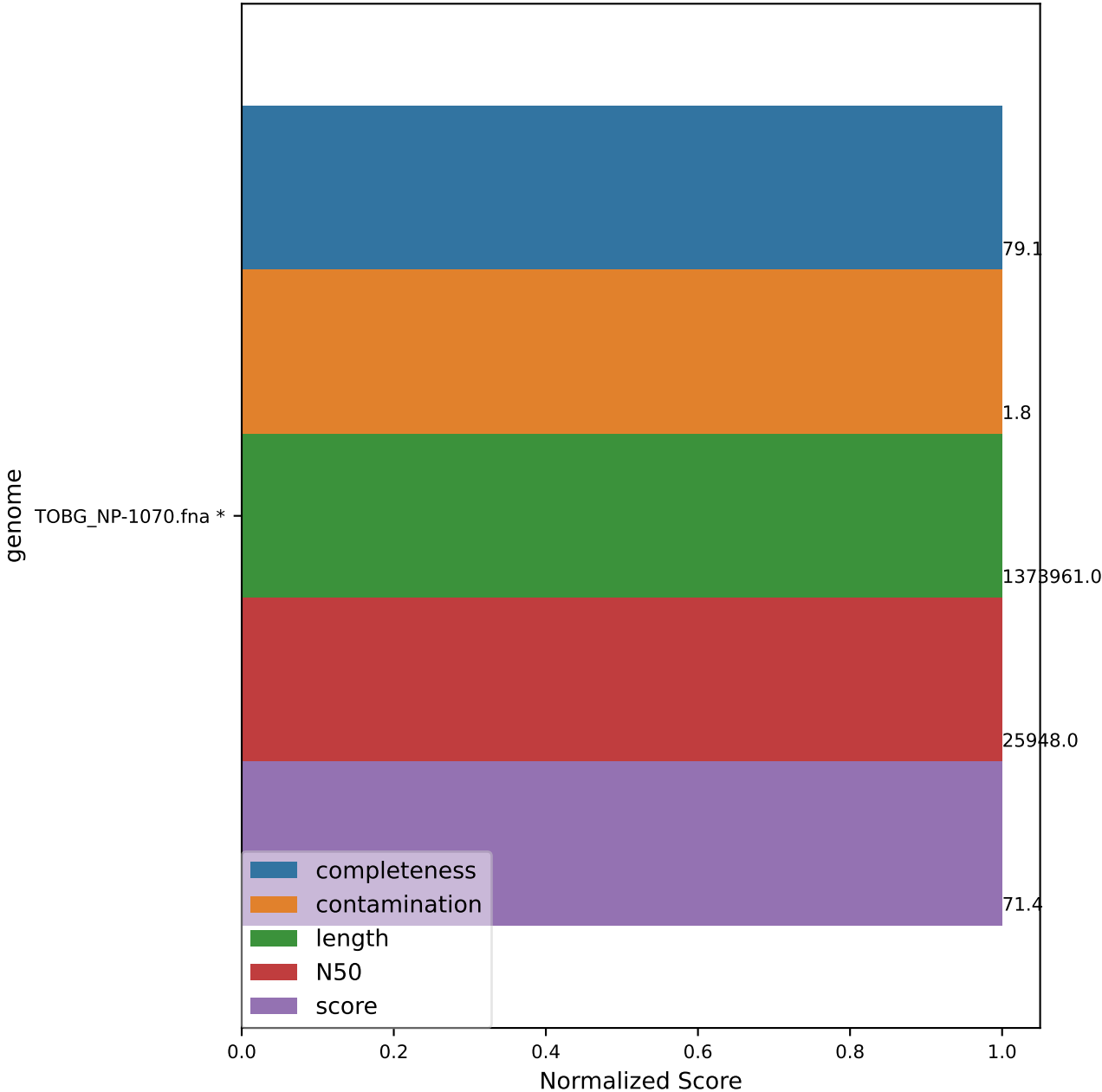
Scoring of cluster 879\_0



Scoring of cluster 880\_0



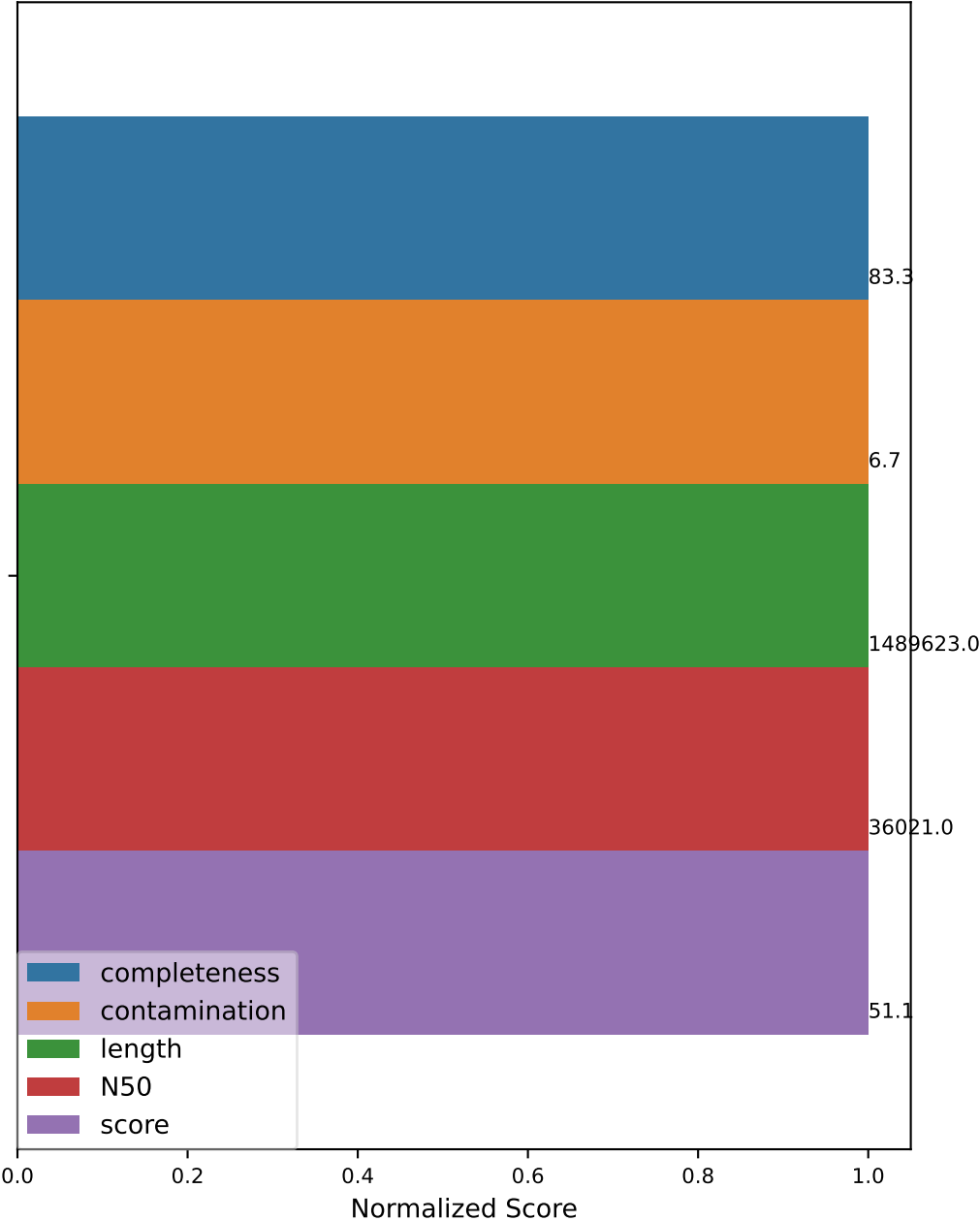
Scoring of cluster 881\_1



Scoring of cluster 881\_2

genome

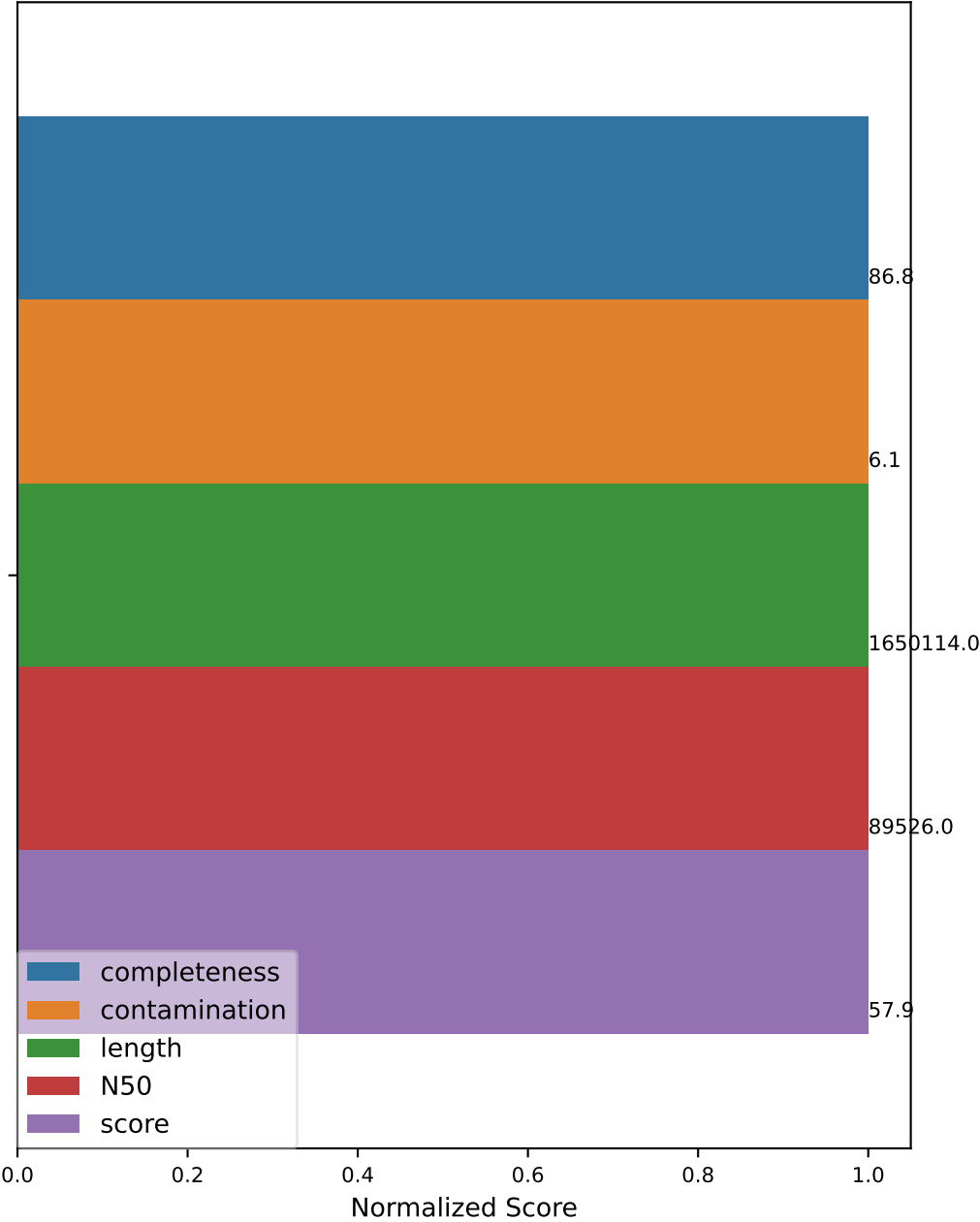
TOBG\_SP-2975.fna \*



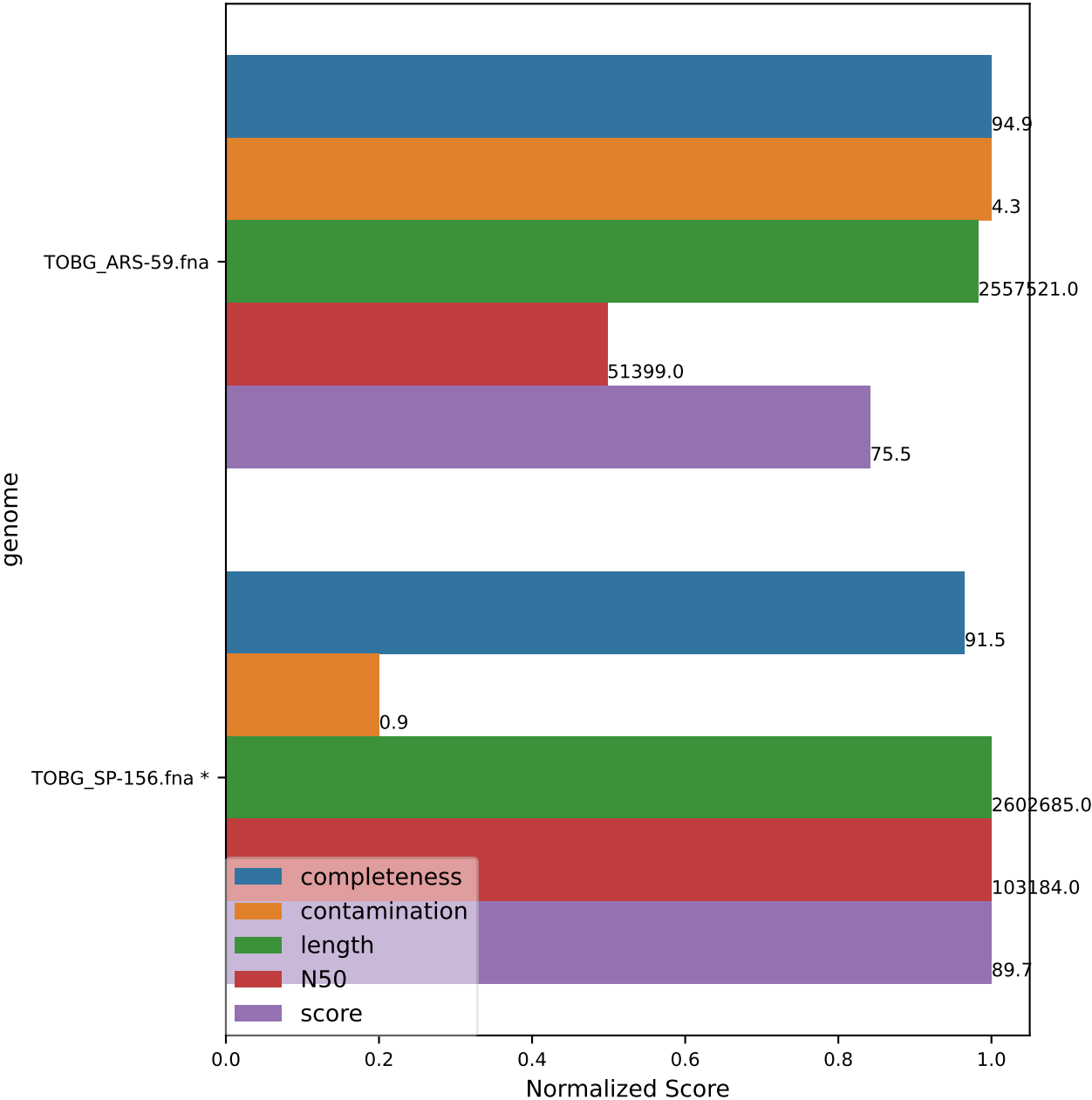
Scoring of cluster 882\_0

genome

TOBG\_MED-1094.fna \*



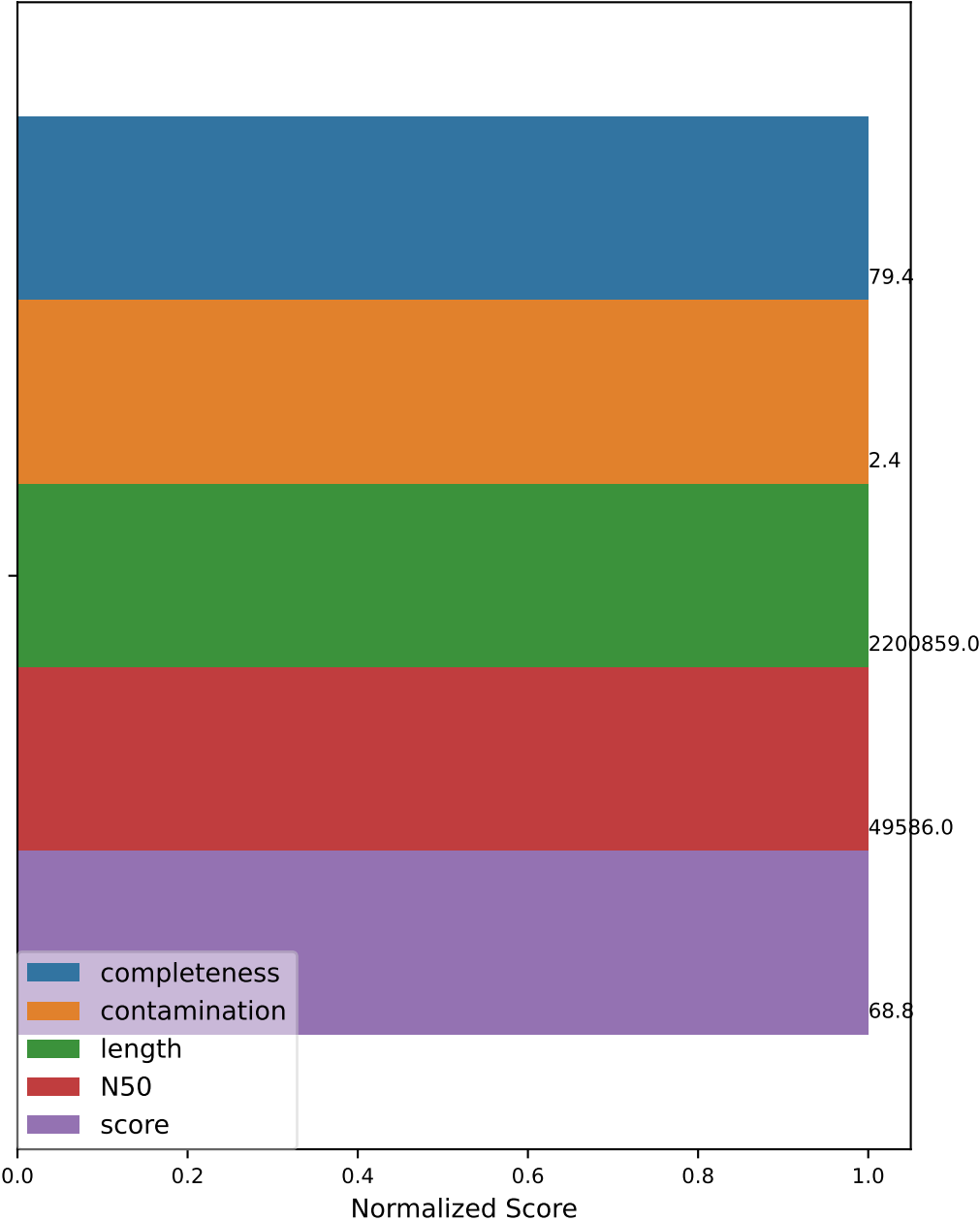
Scoring of cluster 883\_1



Scoring of cluster 883\_2

genome

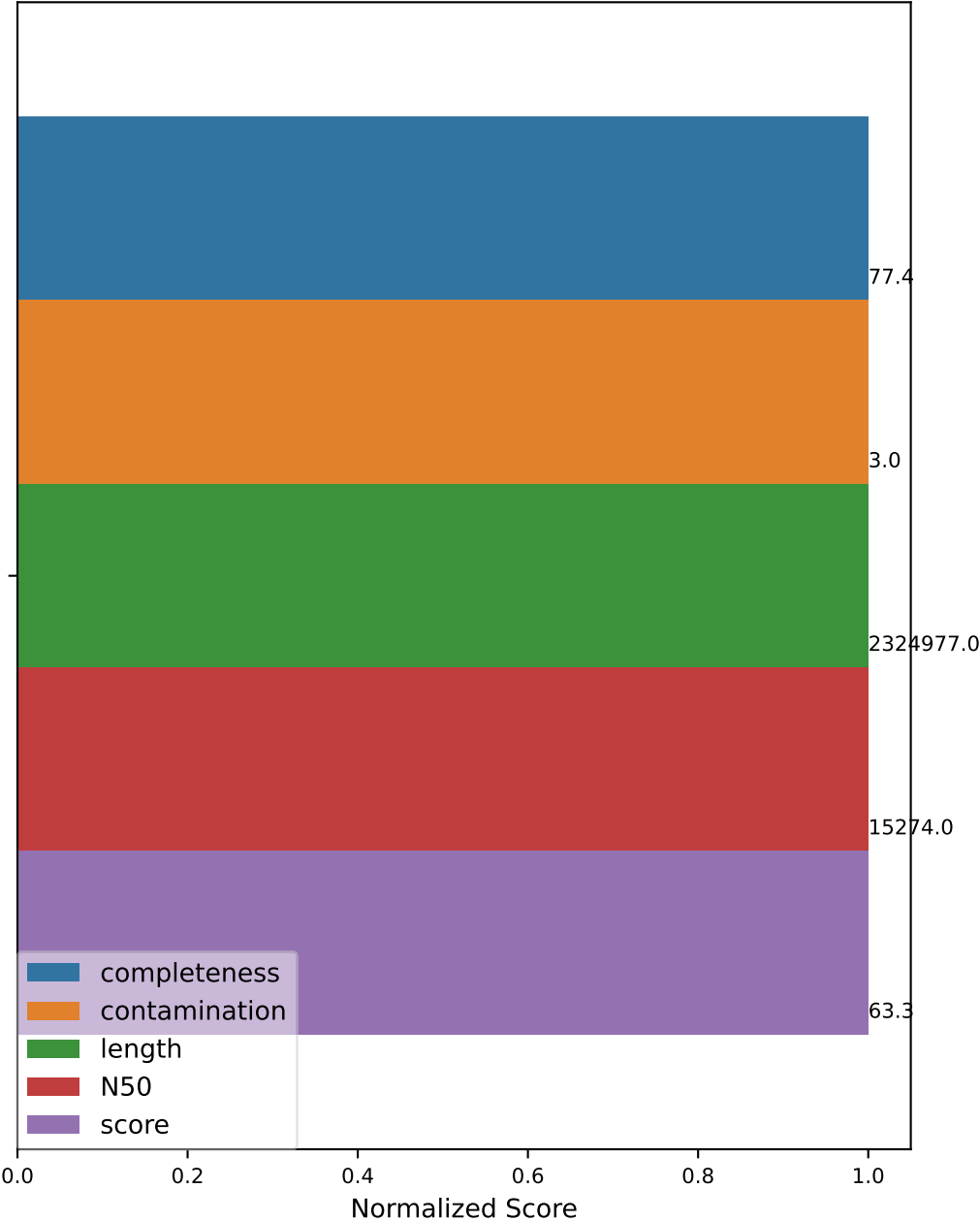
TOBG\_MED-803.fna \*



Scoring of cluster 884\_0

genome

TOBG\_MED-834.fna \*

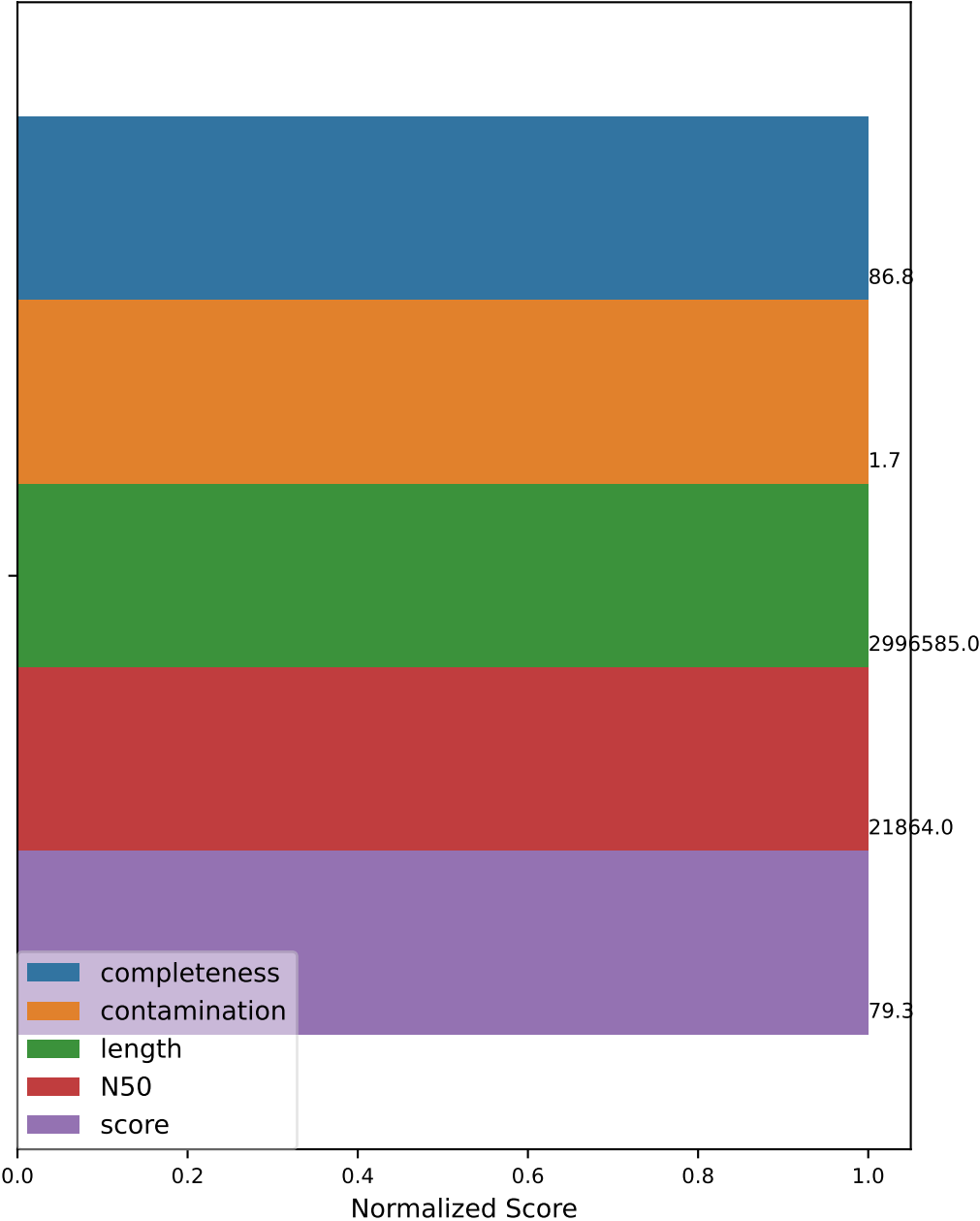




Scoring of cluster 885\_0

genome

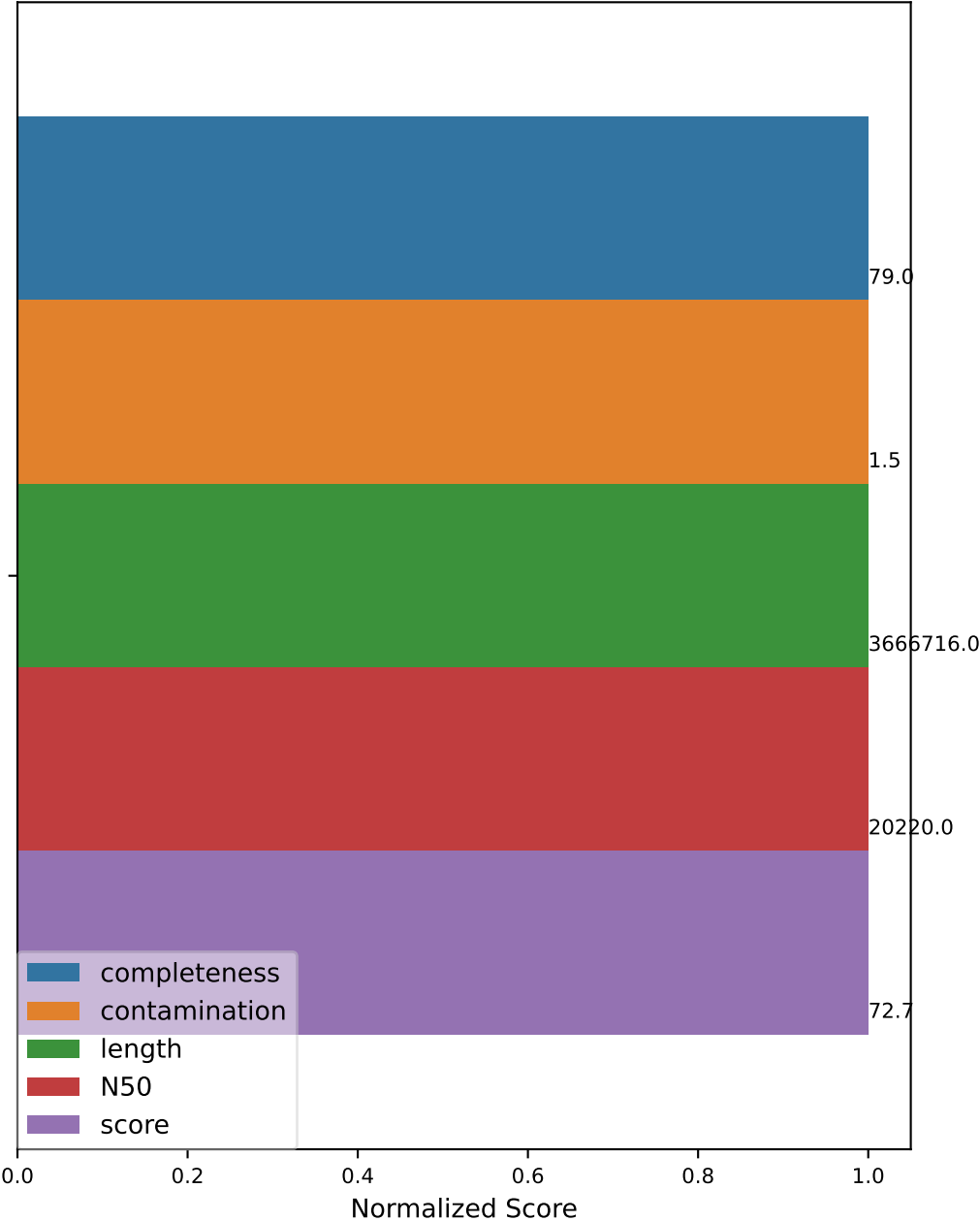
TOBG\_MED-756.fna \*



Scoring of cluster 886\_1

genome

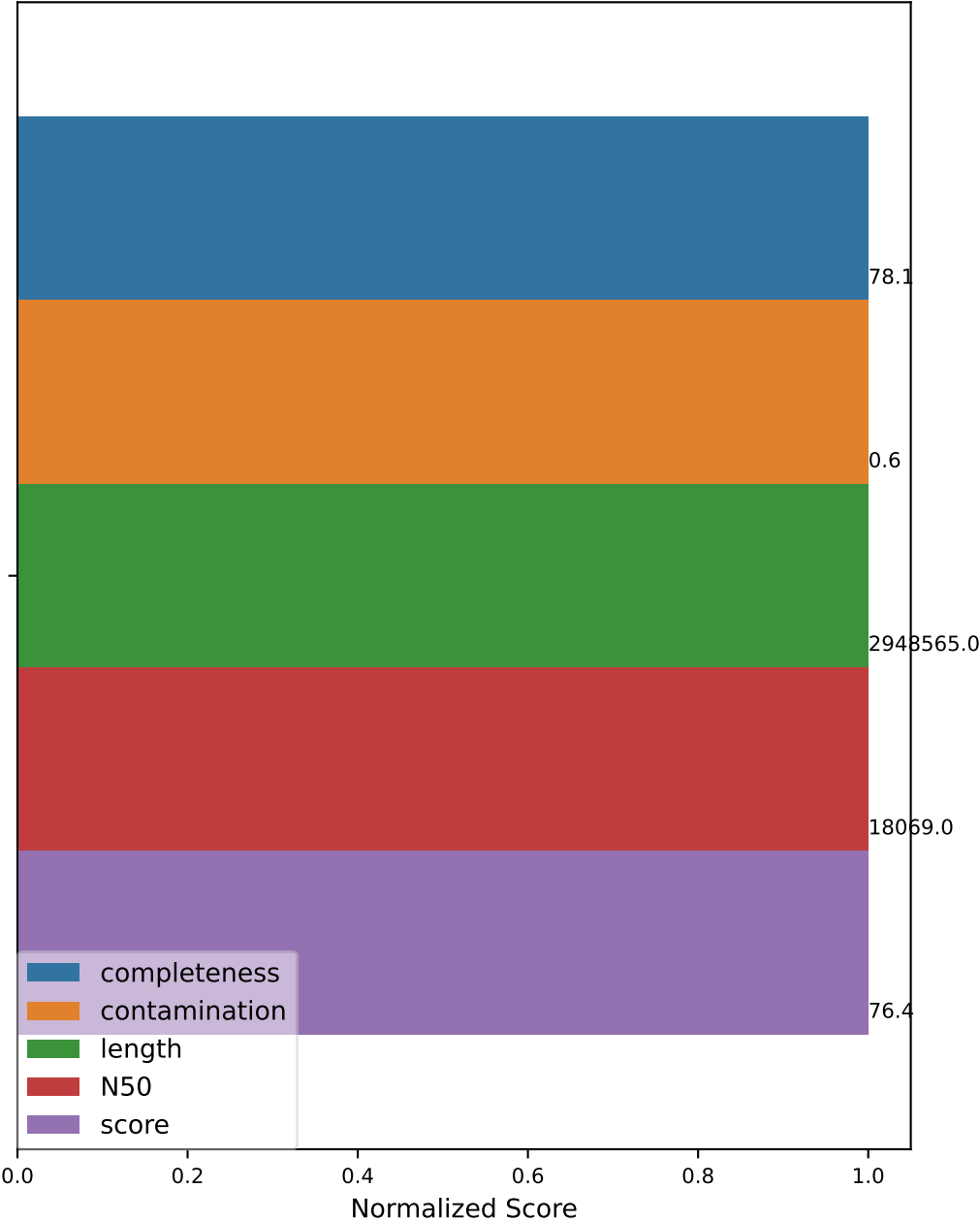
TOBG\_MED-629.fna \*



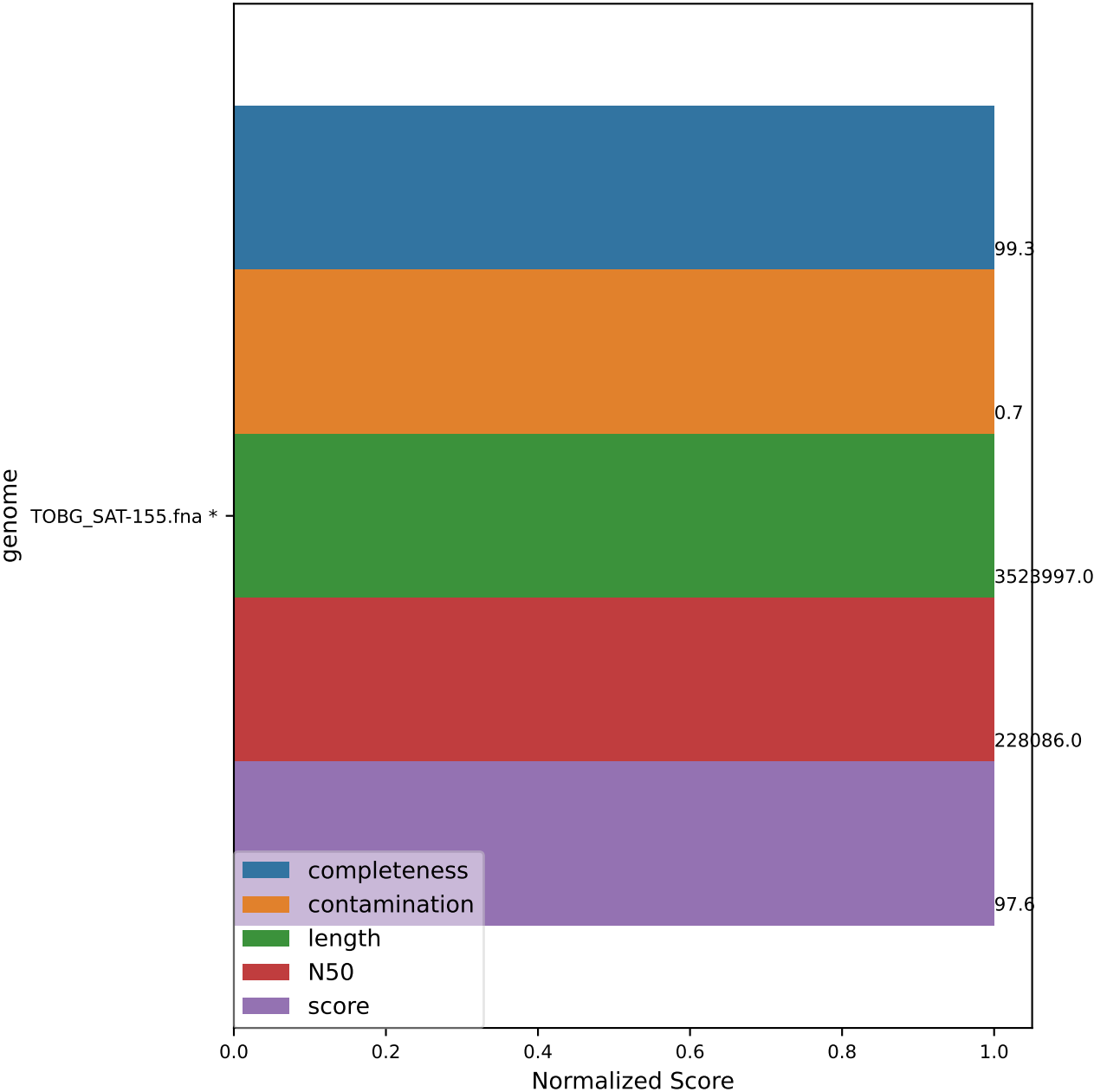
Scoring of cluster 886\_2

genome

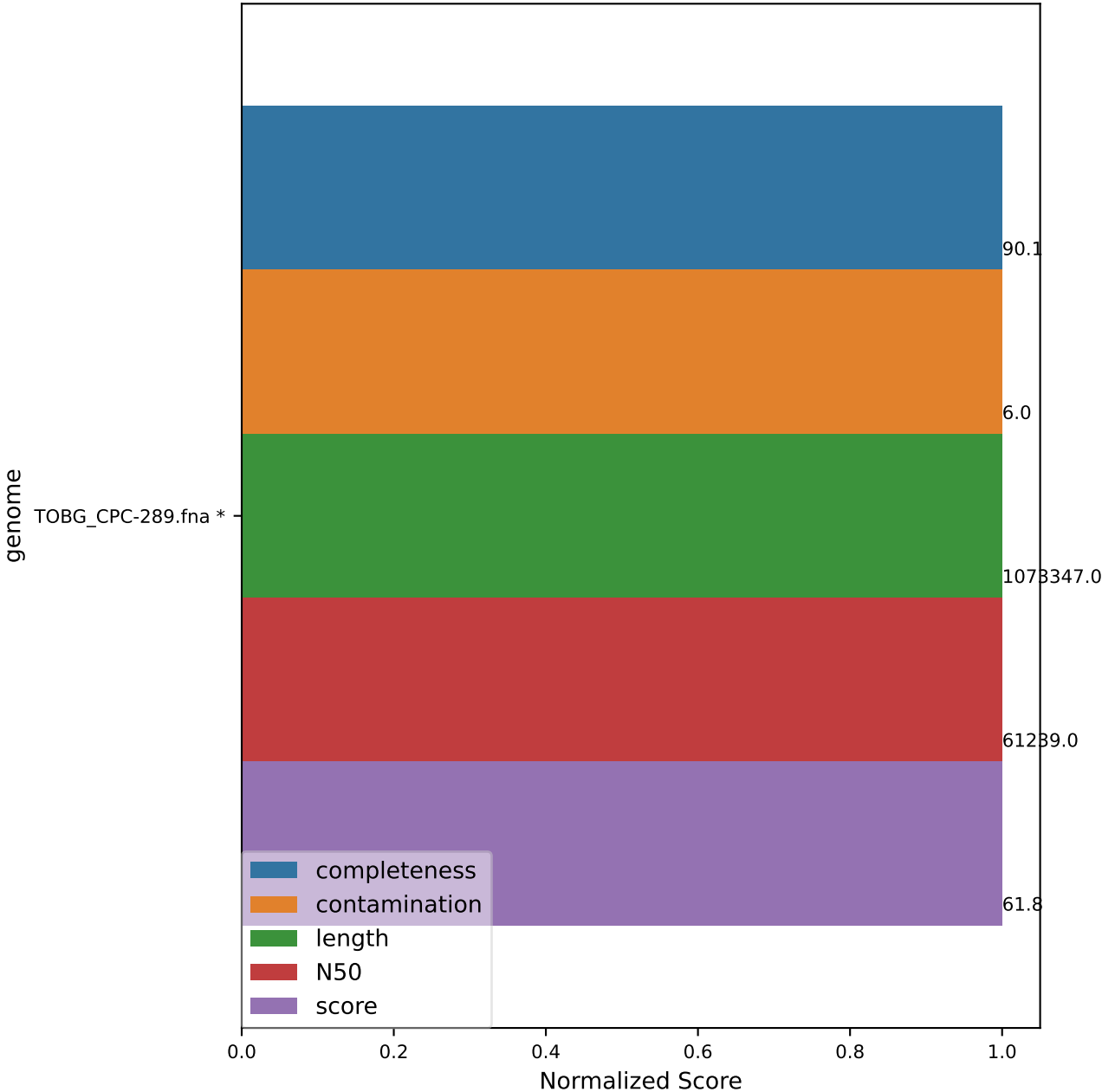
TOBG\_NP-53.fna \*



Scoring of cluster 887\_0



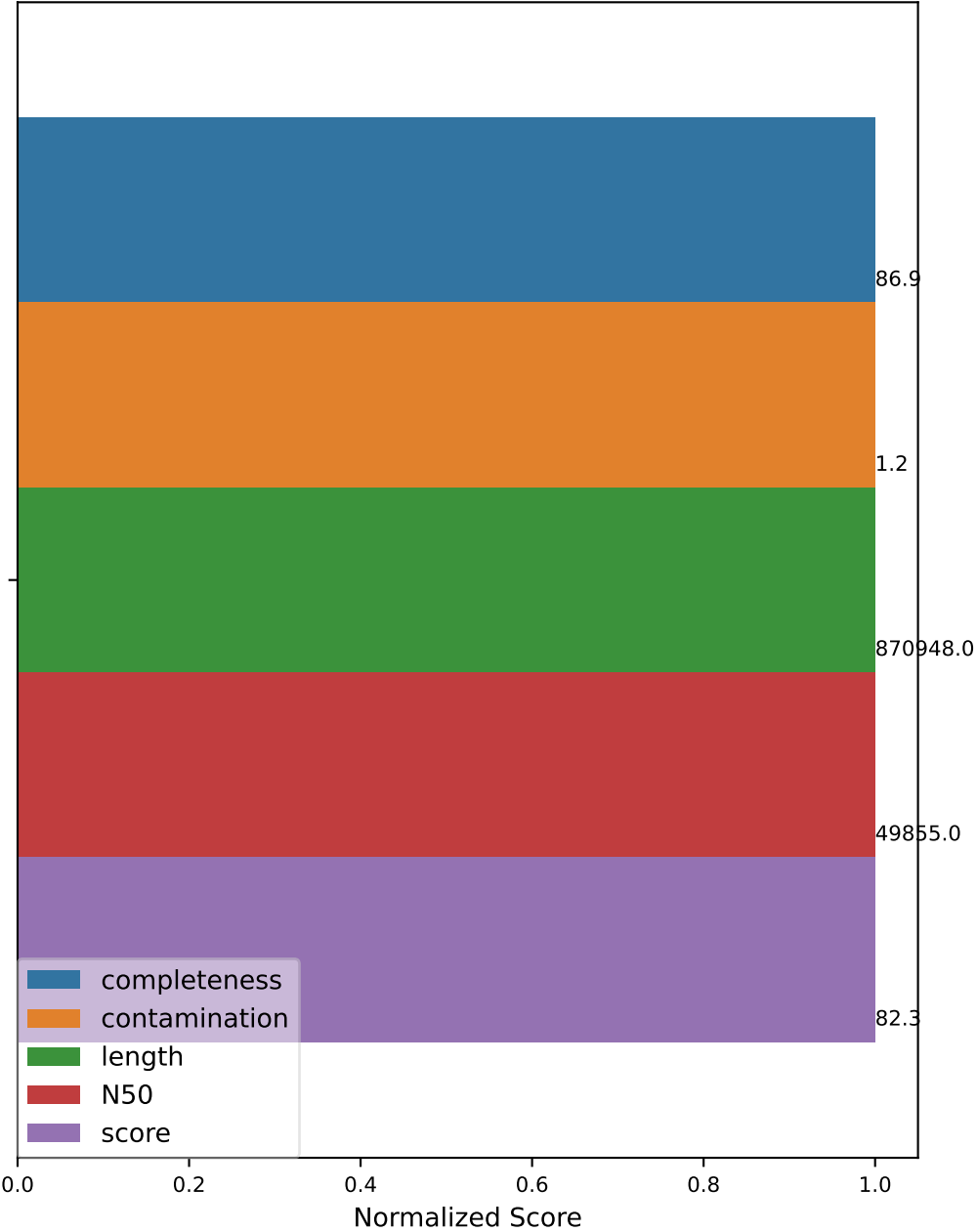
Scoring of cluster 888\_0



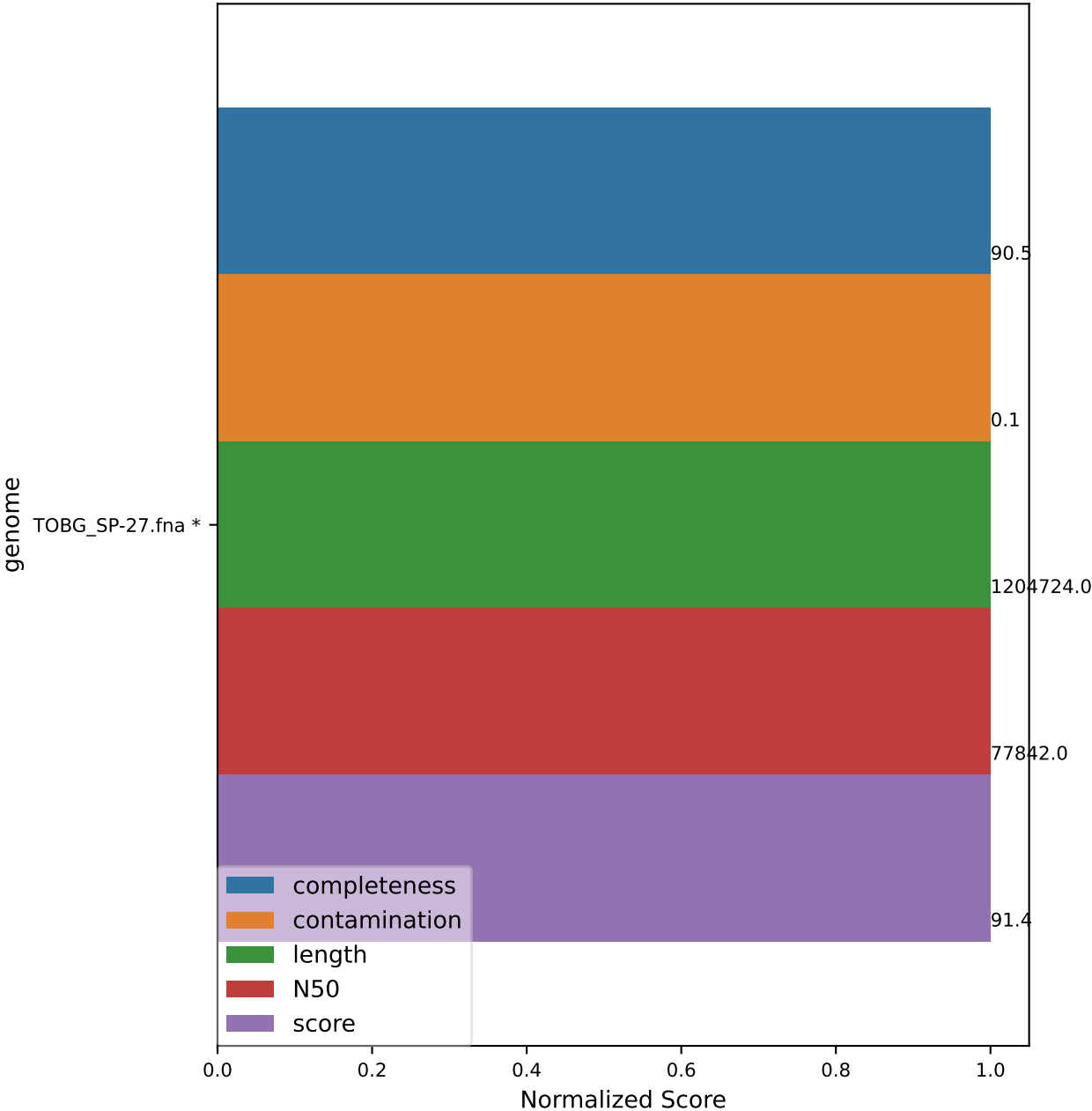
Scoring of cluster 889\_0

genome

TOBG\_MED-1116.fna \*



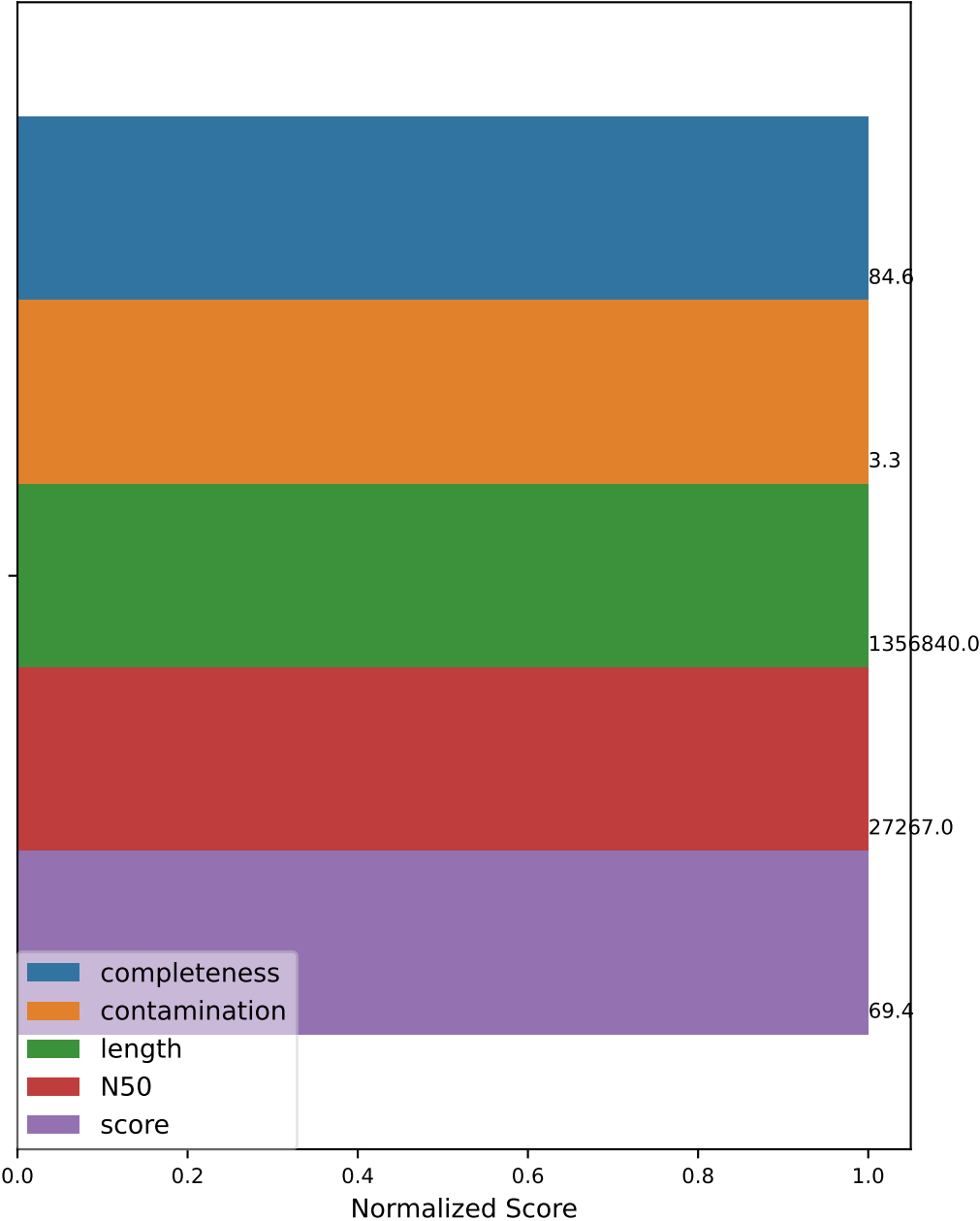
Scoring of cluster 890\_0



Scoring of cluster 891\_0

genome

TOBG\_MED-689.fna \*

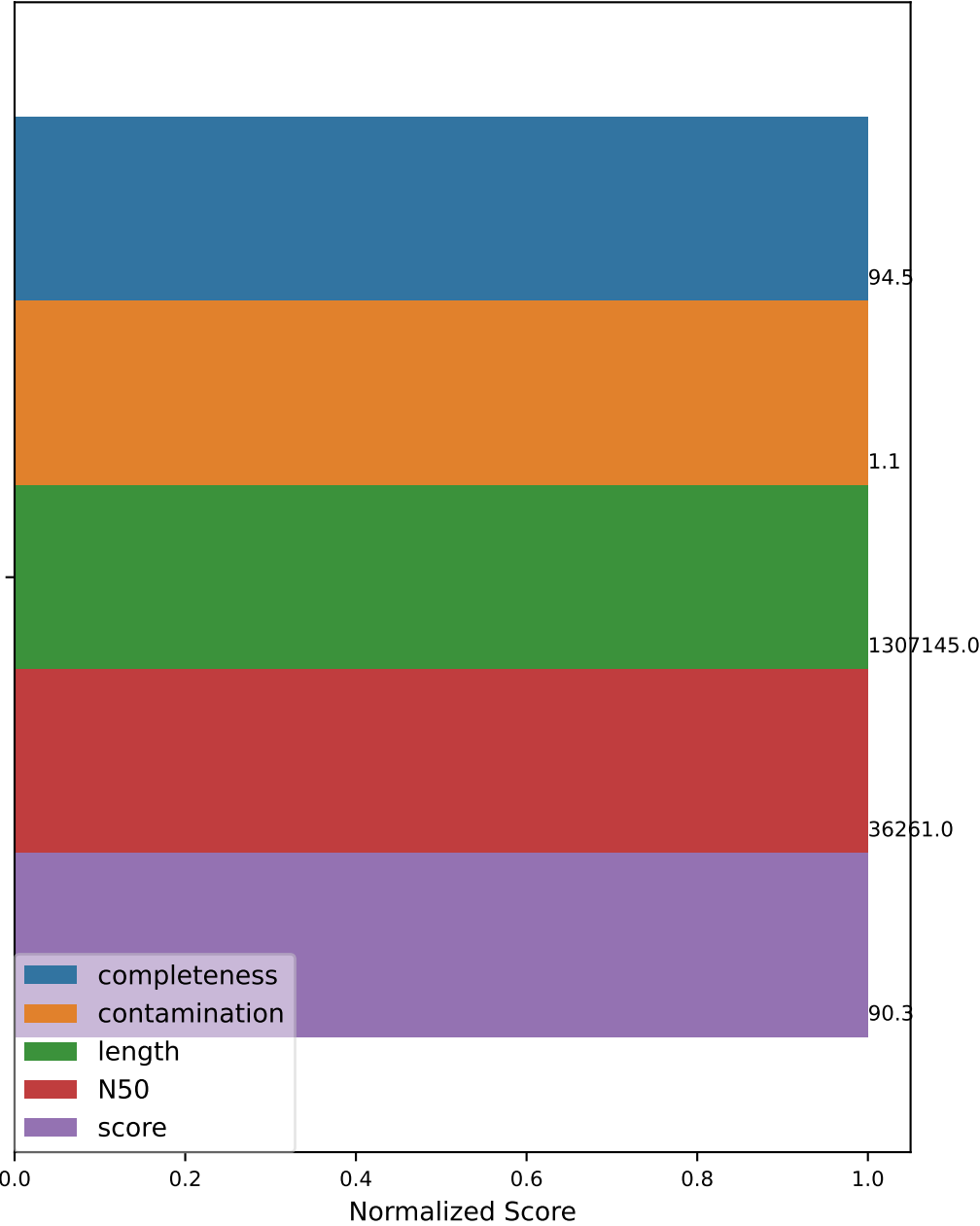




Scoring of cluster 892\_0

genome

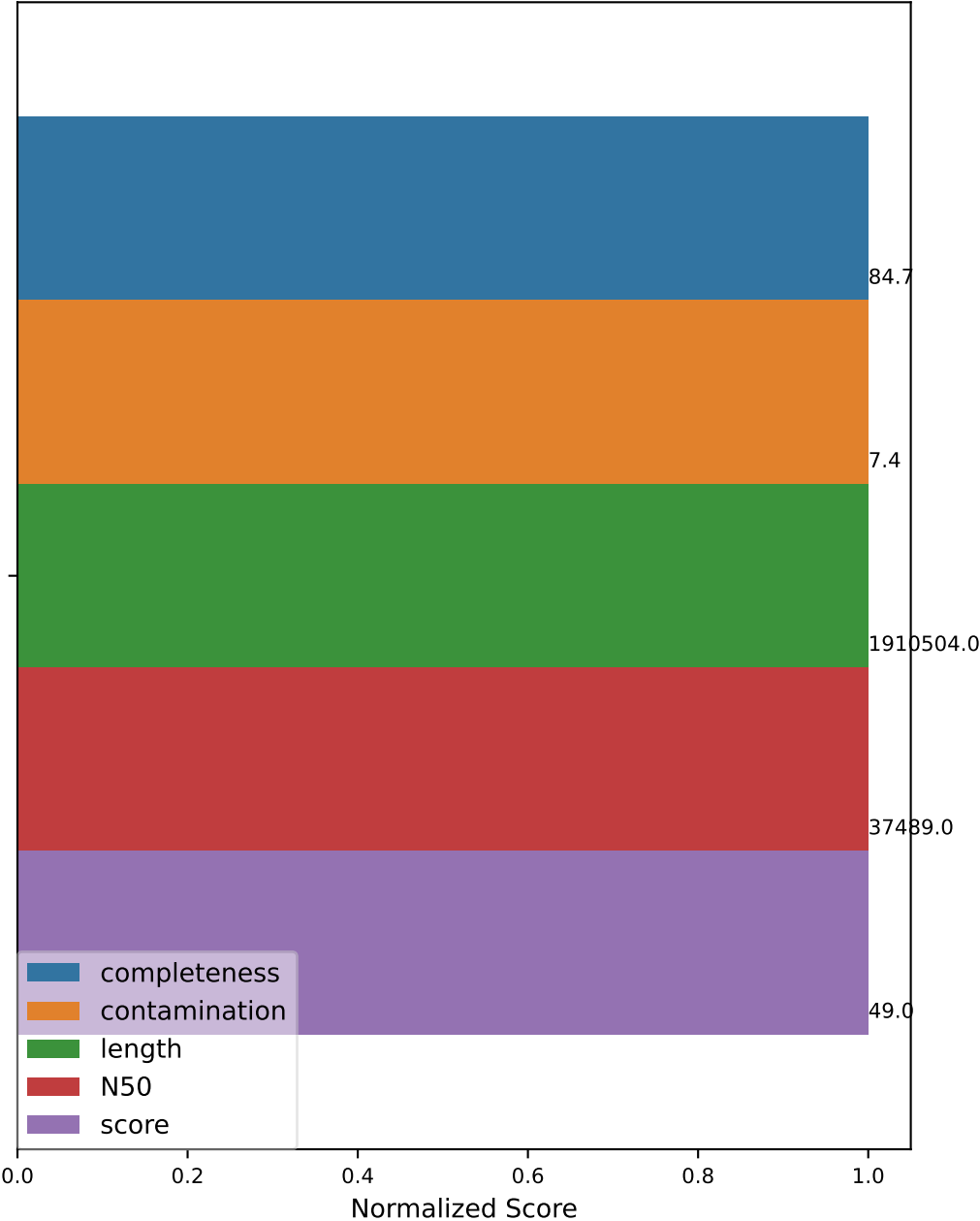
TOBG\_MED-715.fna \*



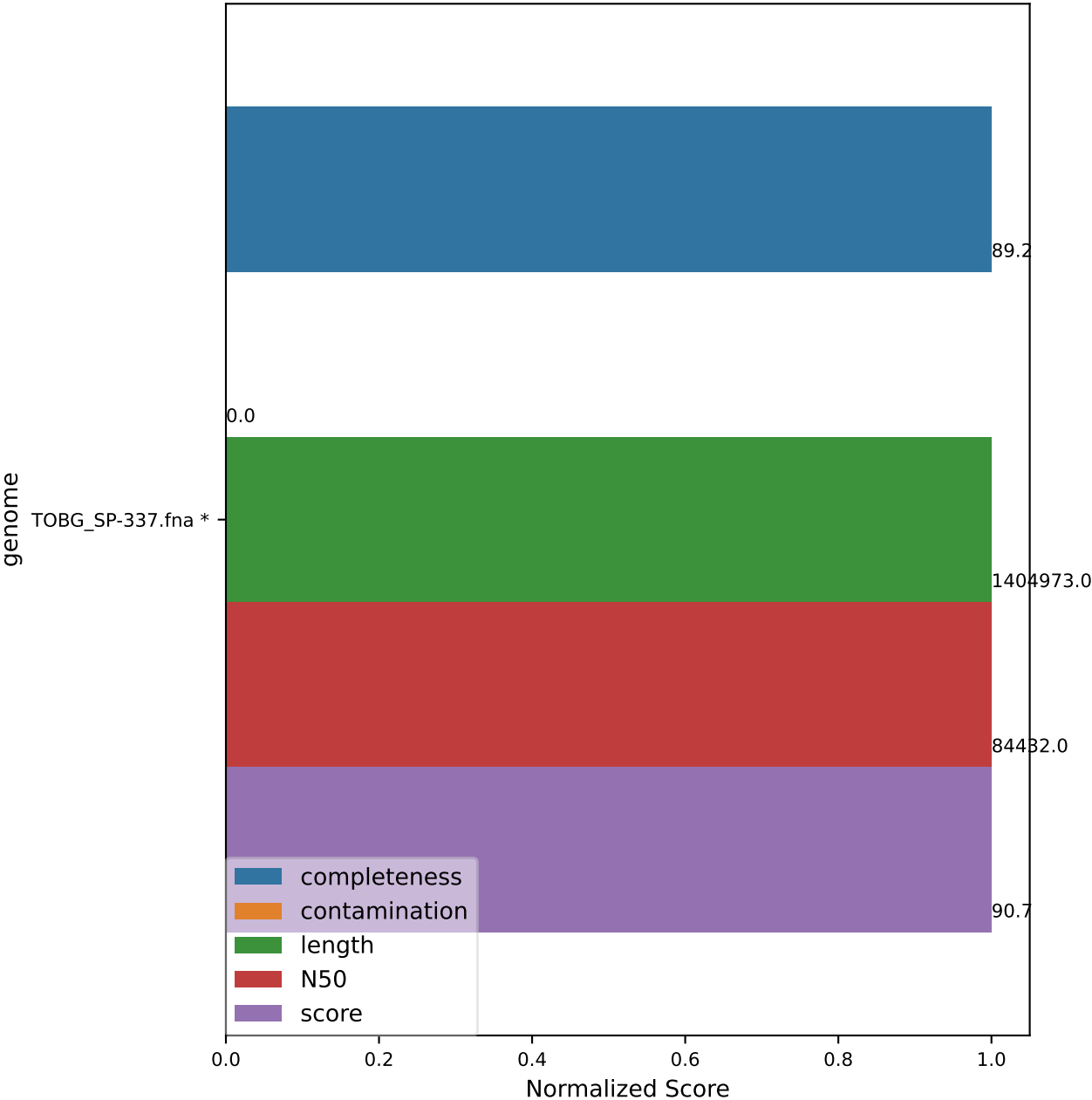
Scoring of cluster 893\_0

genome

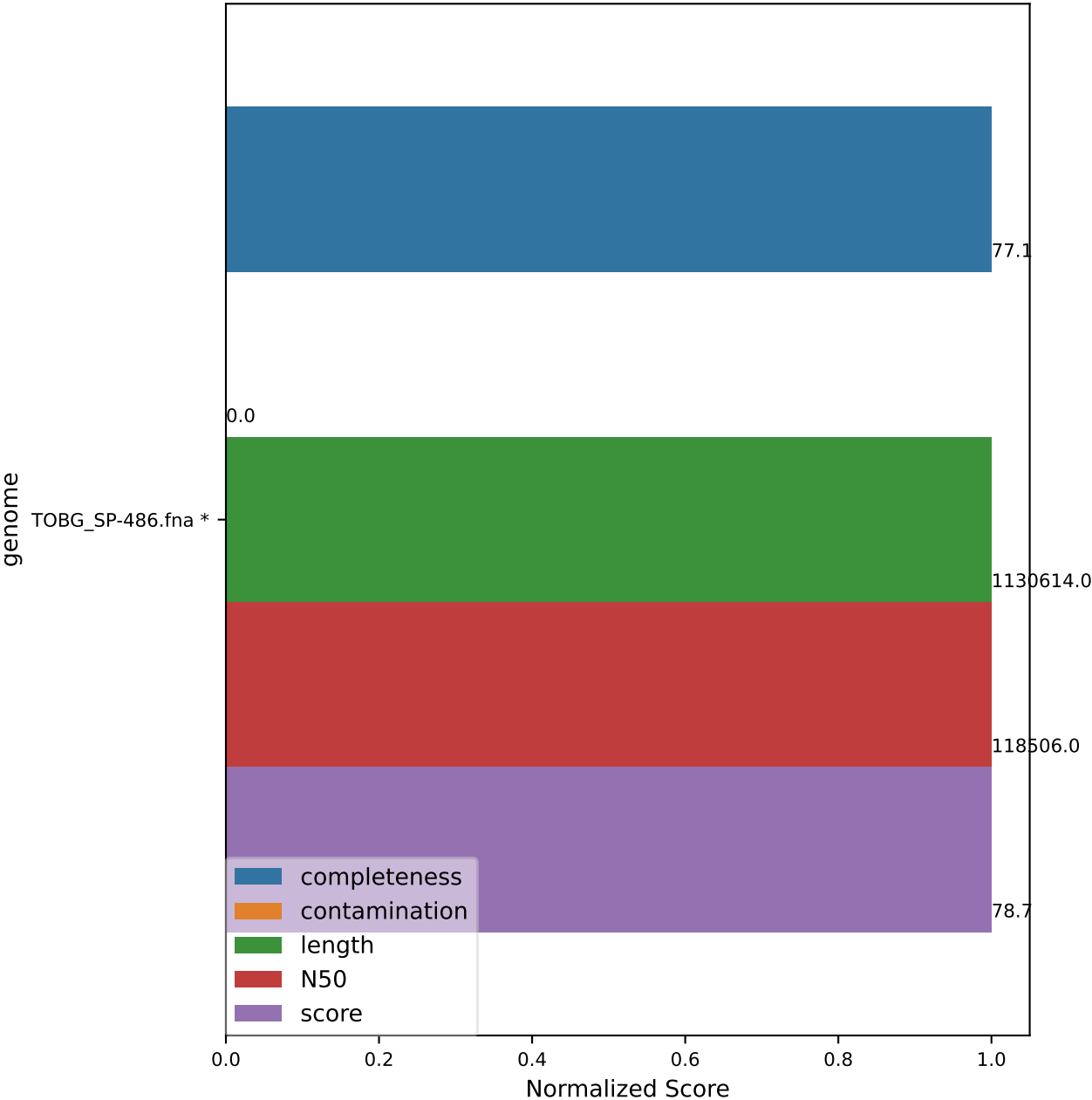
TOBG\_MED-1155.fna \*



Scoring of cluster 894\_0



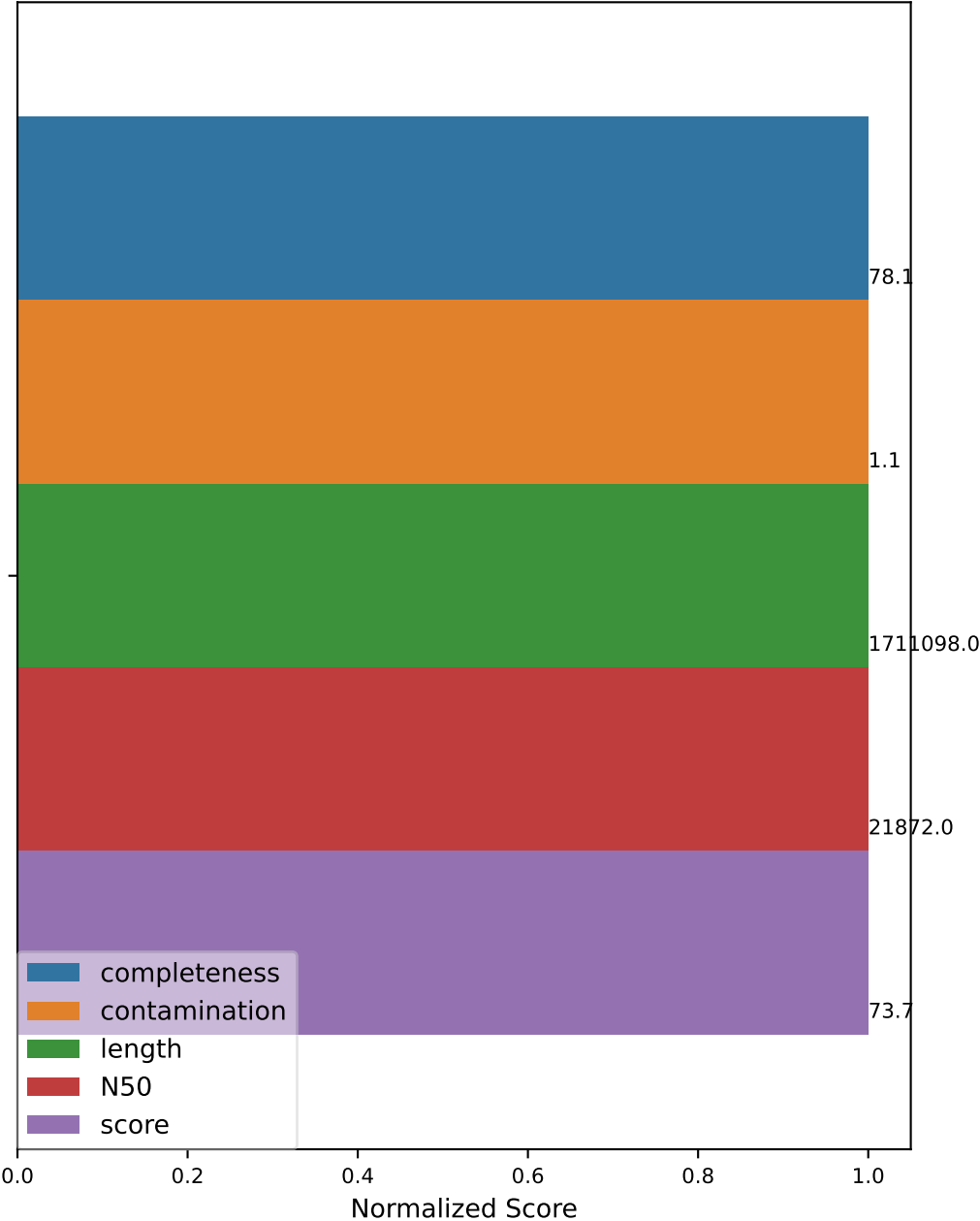
Scoring of cluster 895\_0



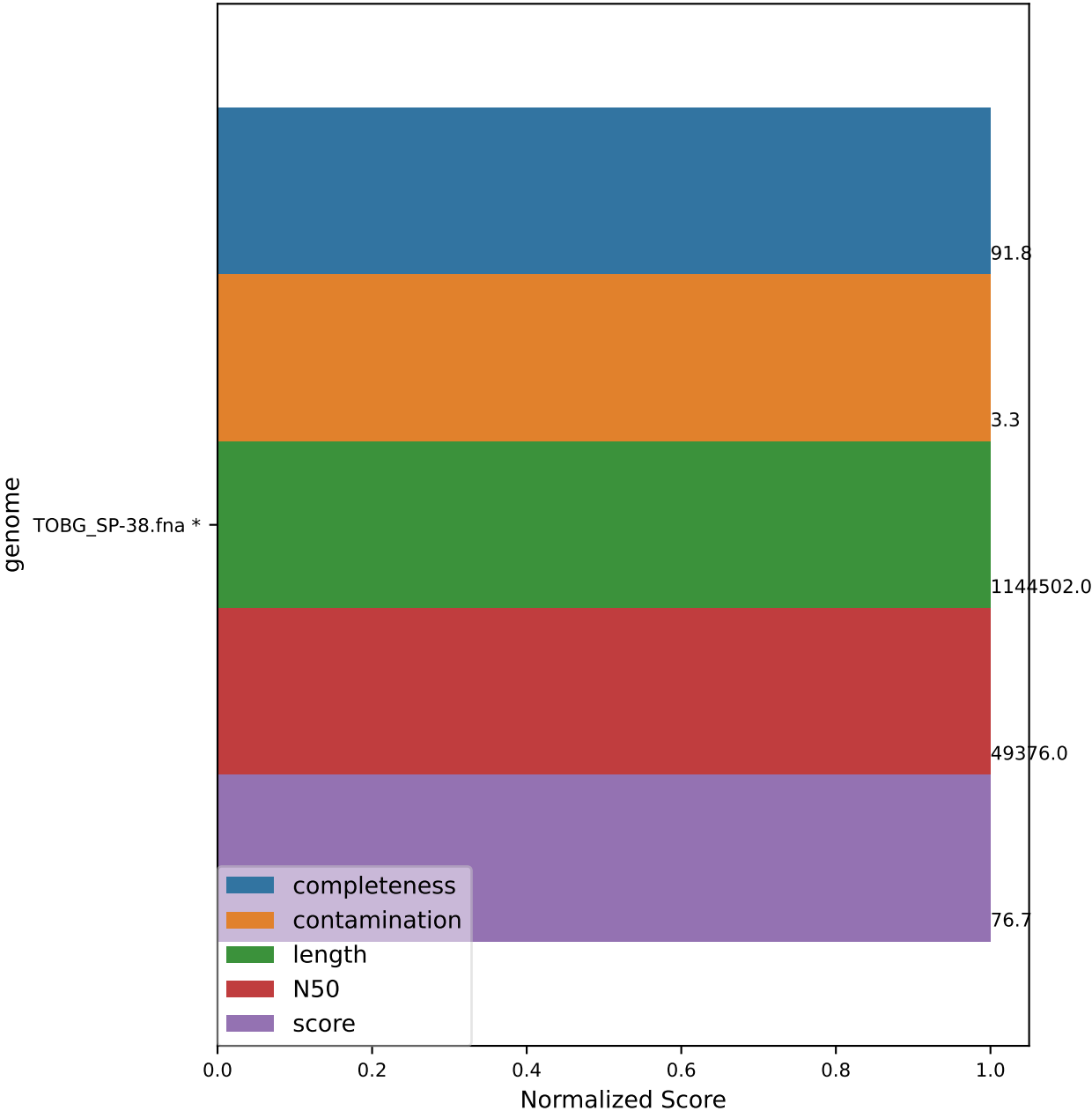
Scoring of cluster 896\_0

genome

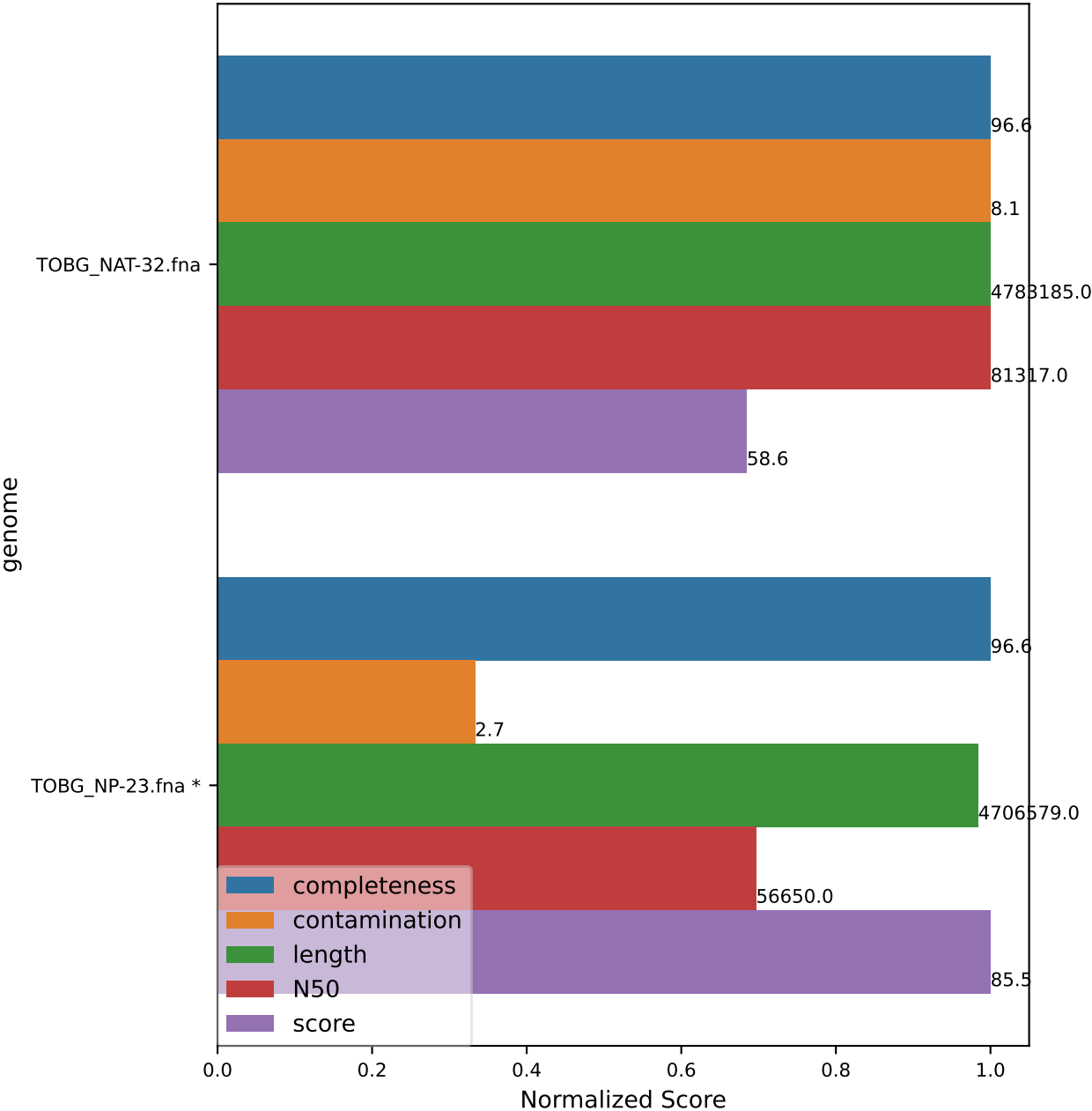
TOBG\_MED-667.fna \*



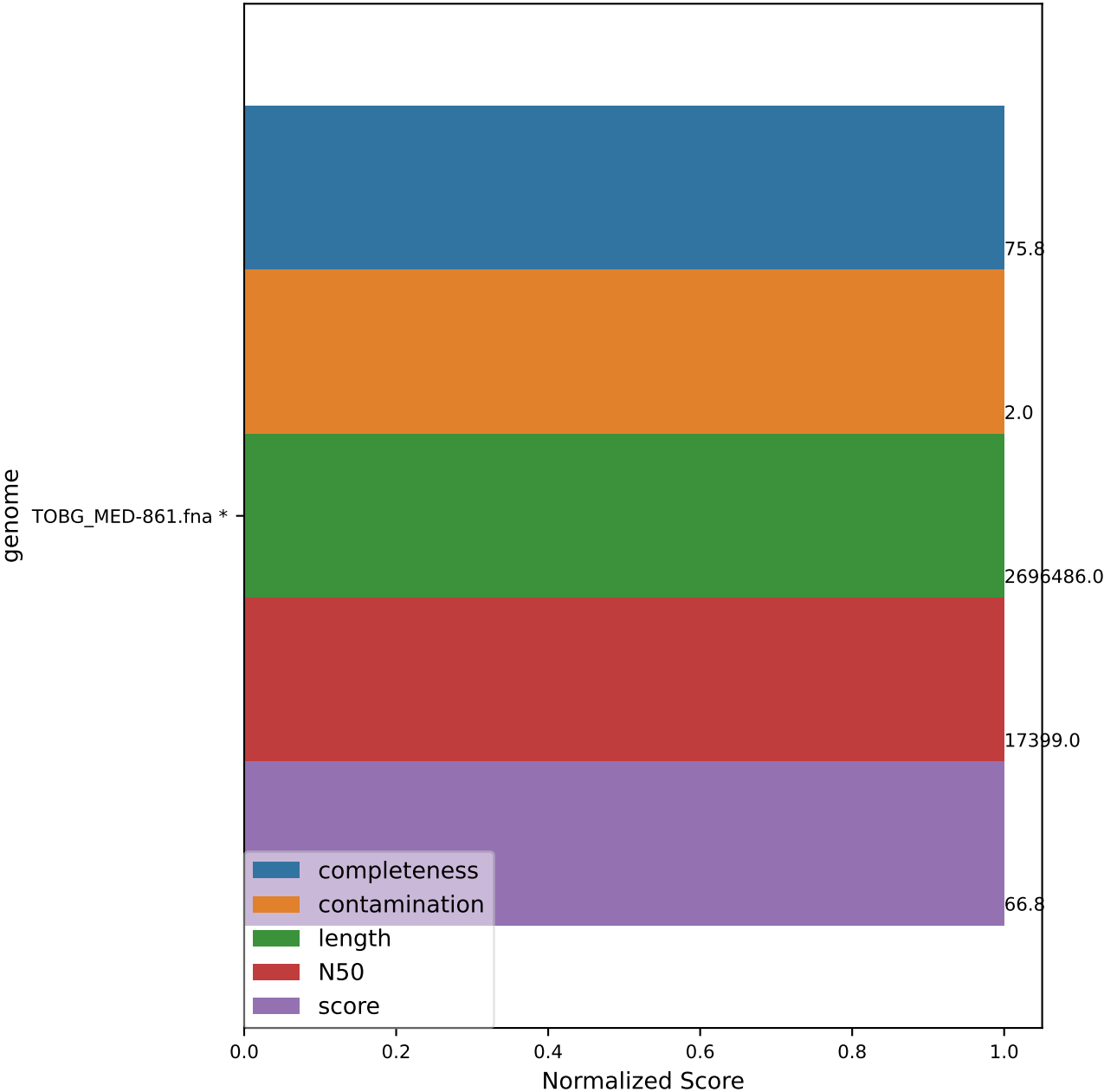
Scoring of cluster 897\_0



Scoring of cluster 898\_1

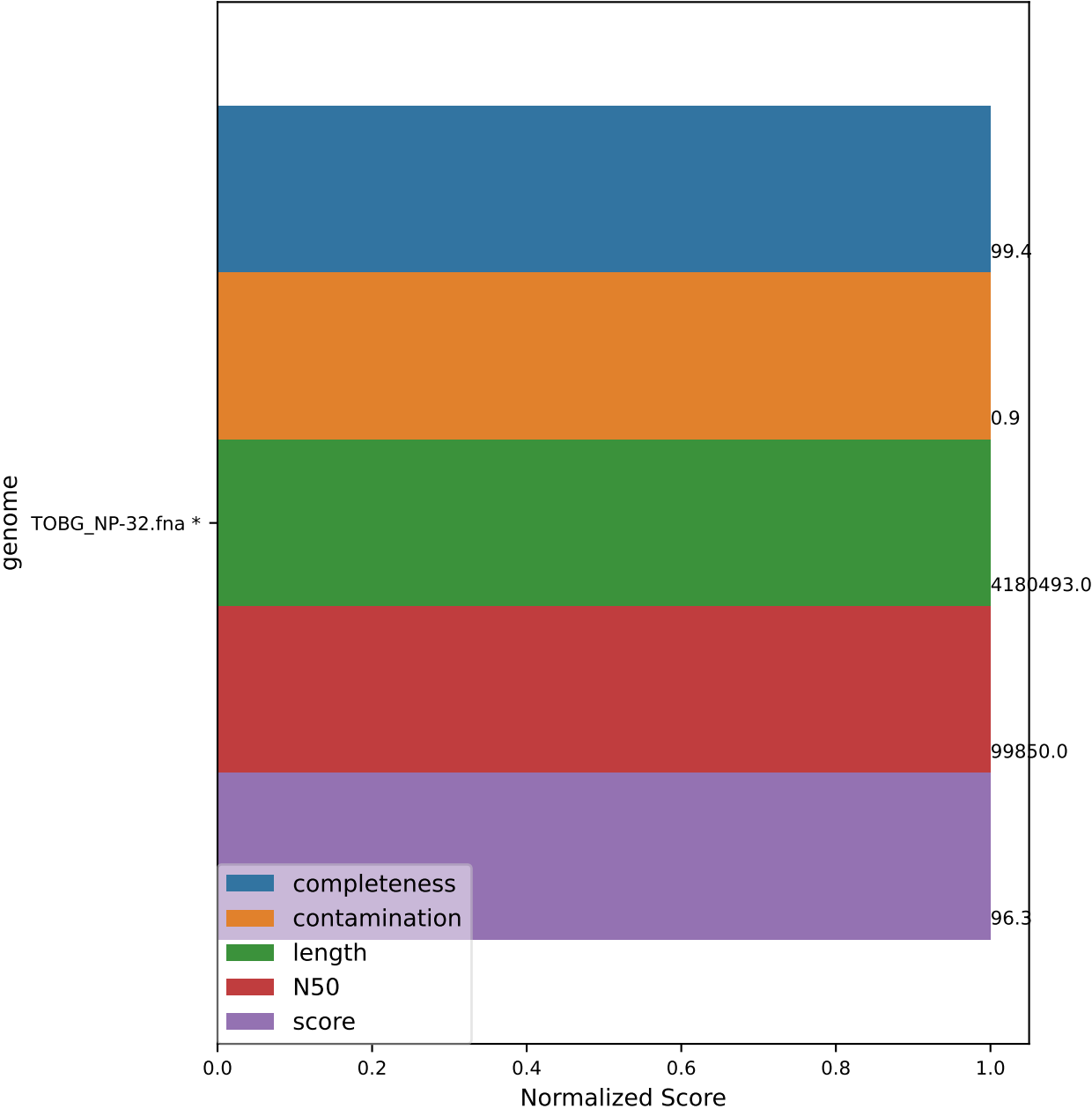


Scoring of cluster 899\_0





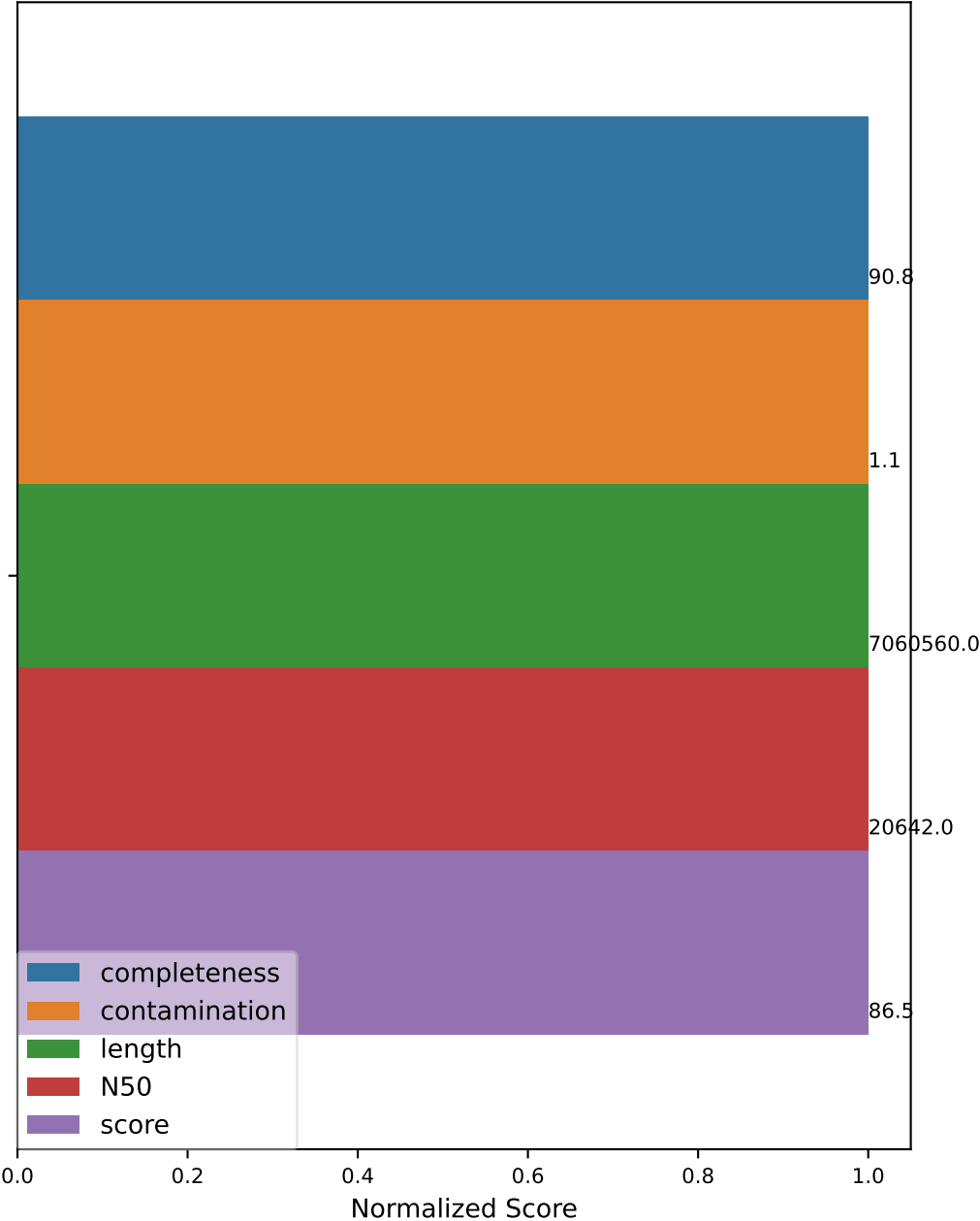
Scoring of cluster 900\_0



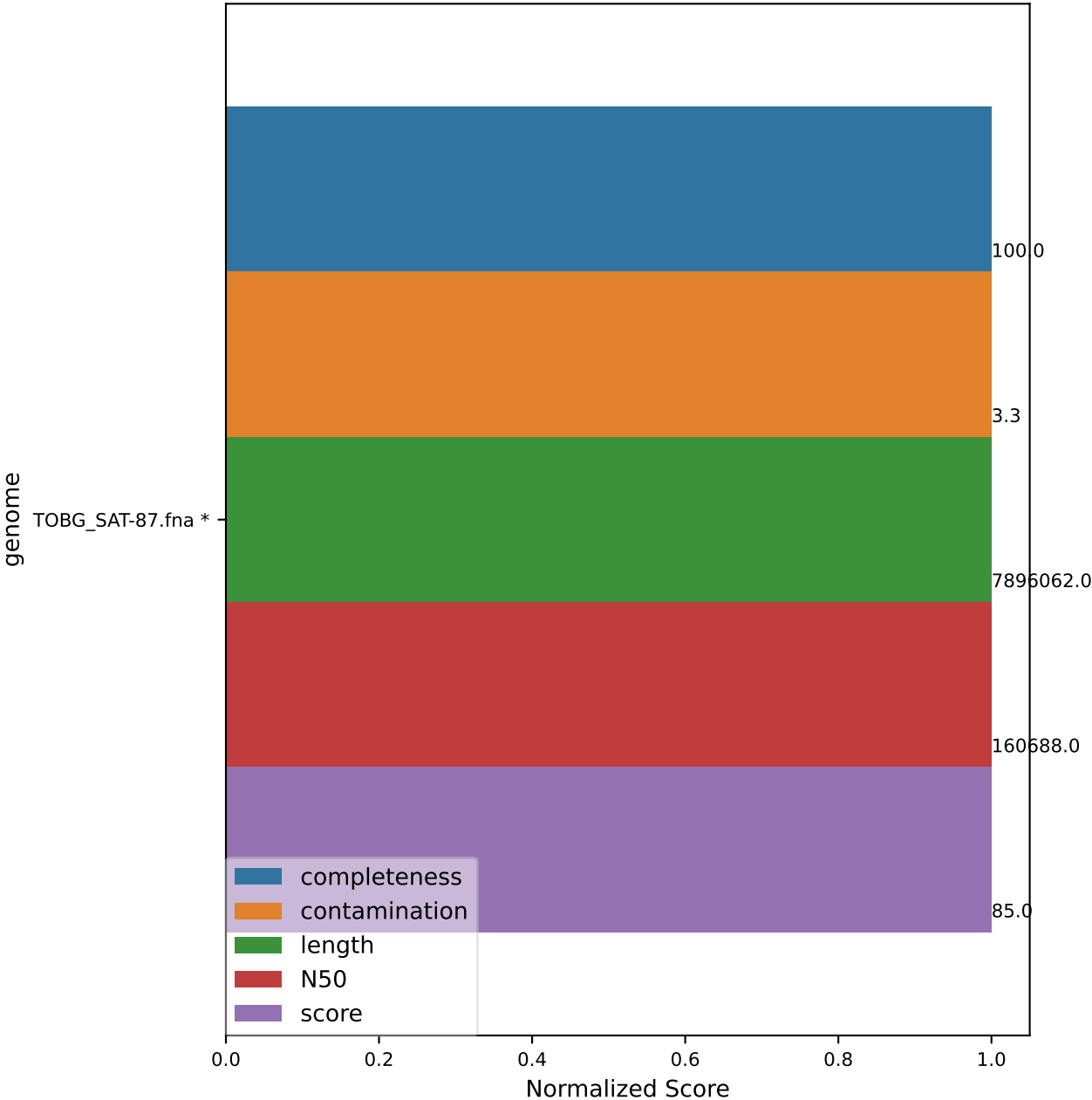
Scoring of cluster 901\_0

genome

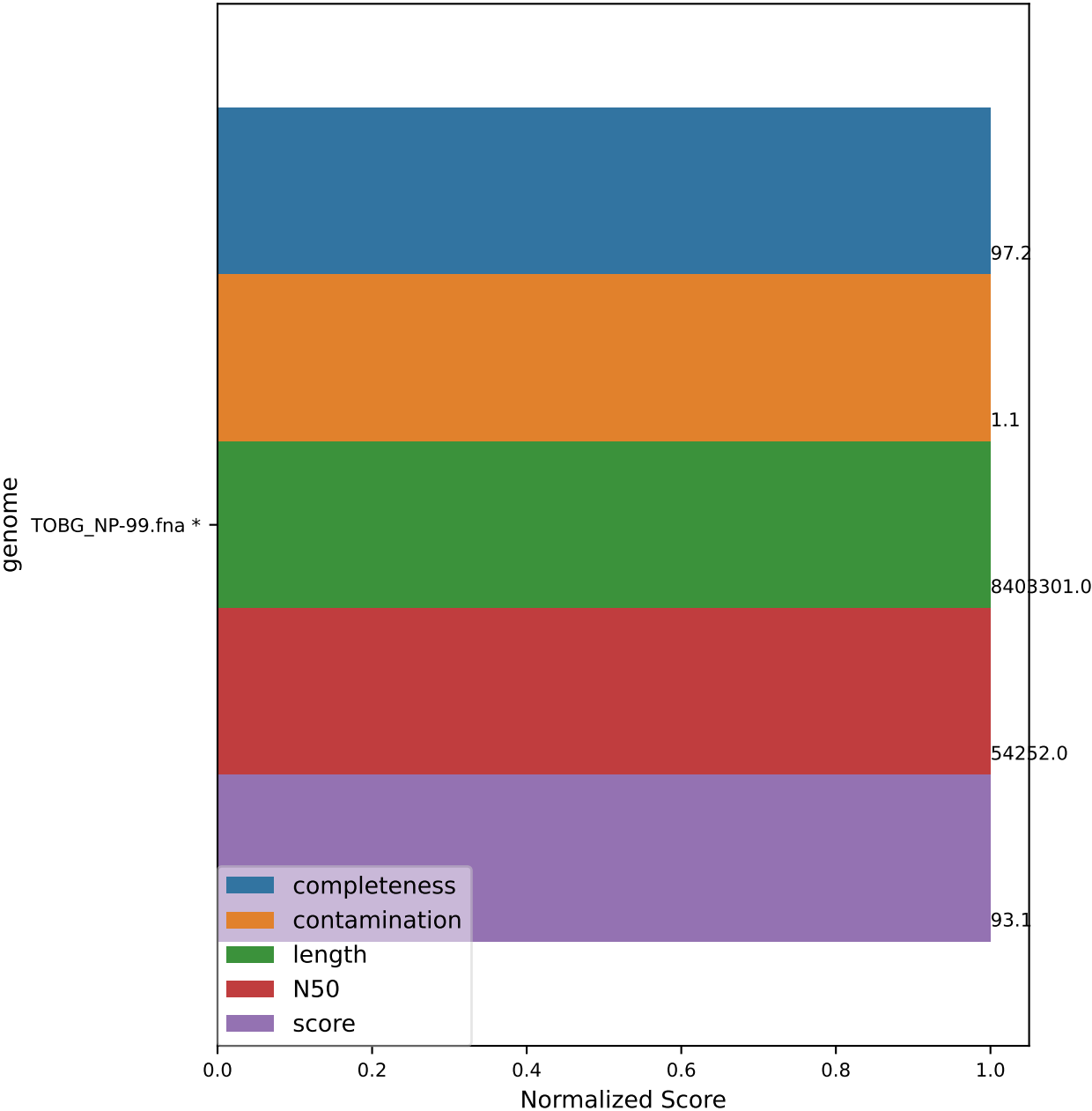
TOBG\_CPC-31.fna \*



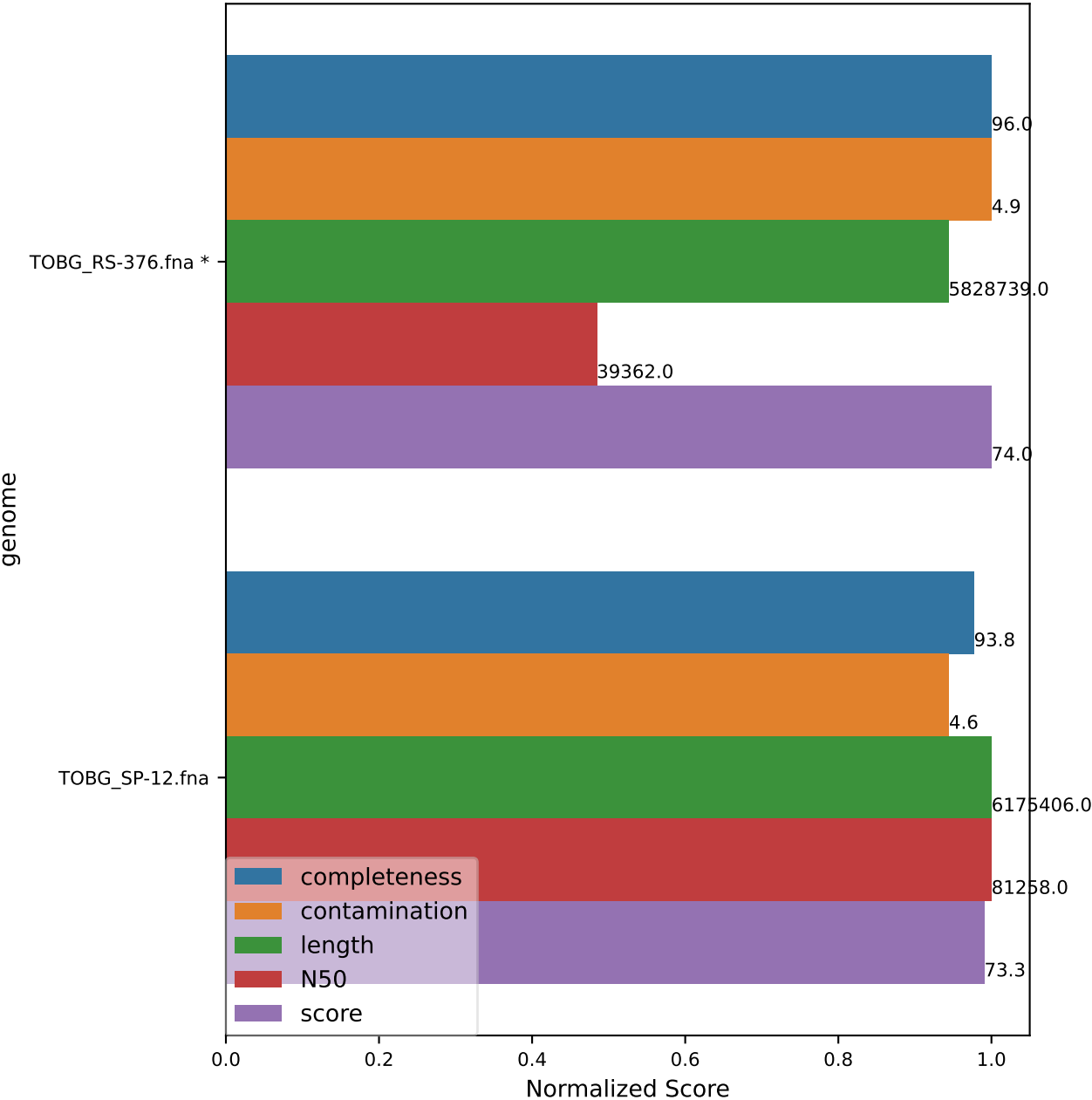
Scoring of cluster 902\_0



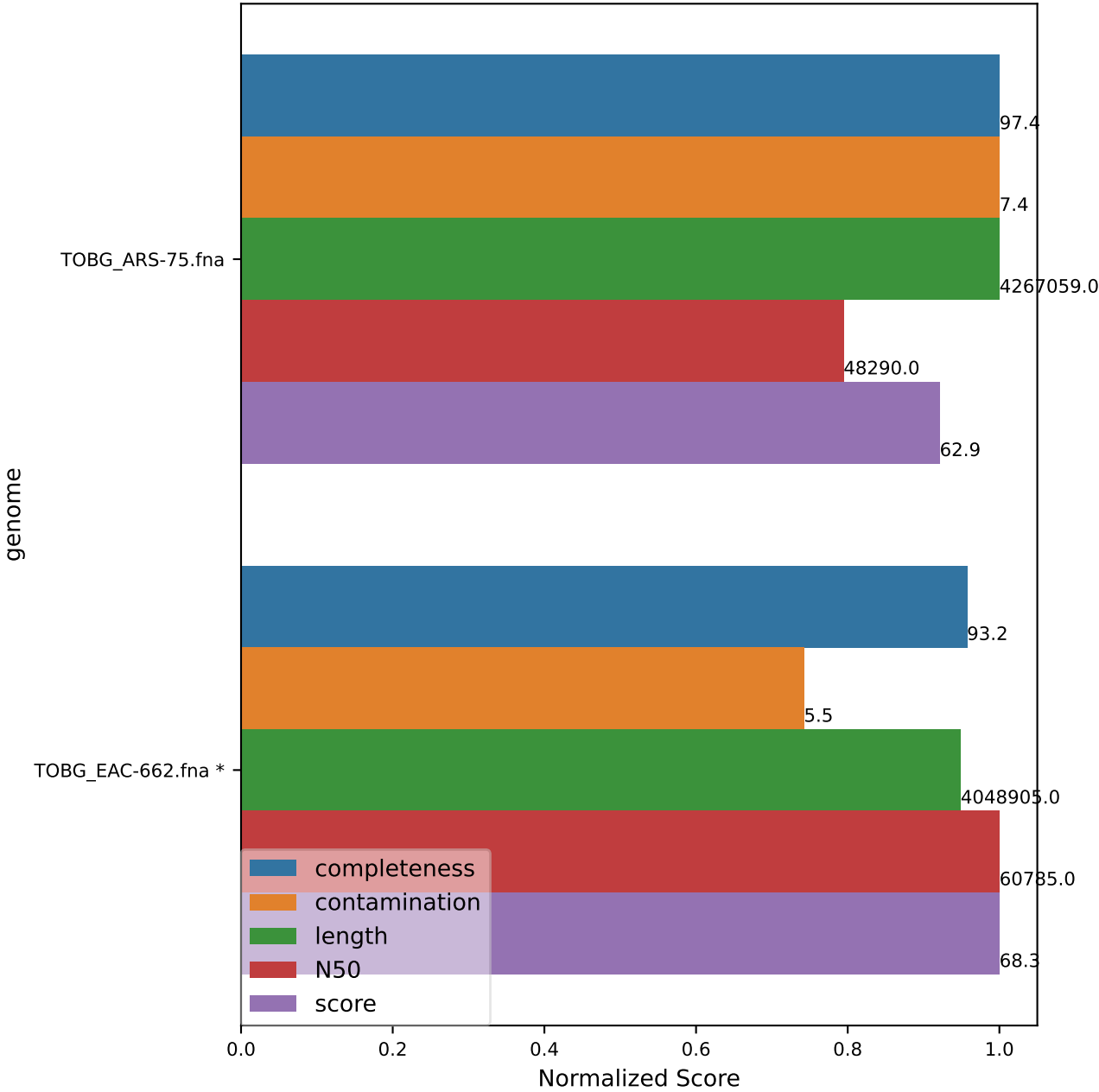
Scoring of cluster 903\_0



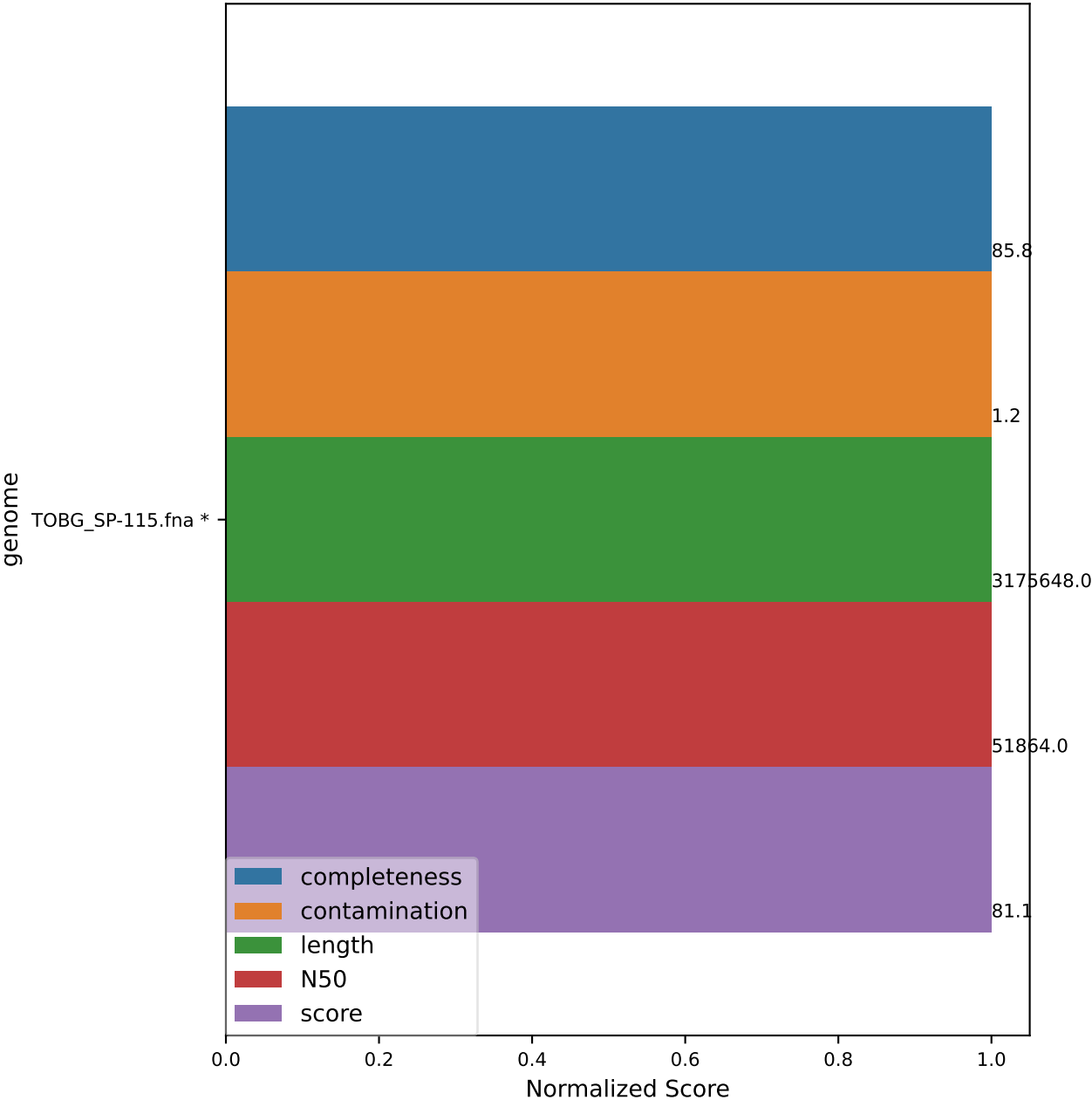
Scoring of cluster 904\_1



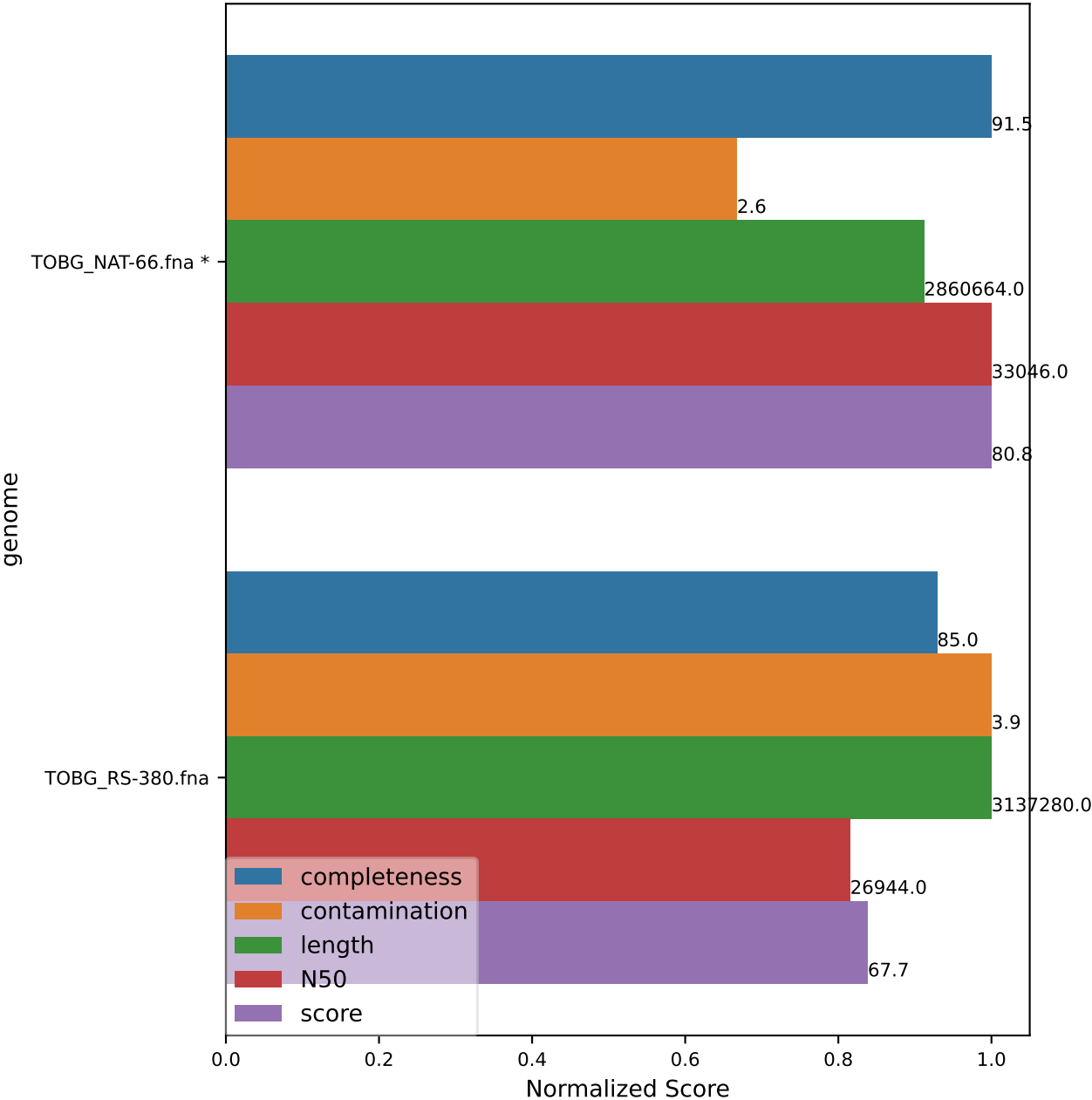
Scoring of cluster 905\_1



Scoring of cluster 906\_0



Scoring of cluster 907\_1

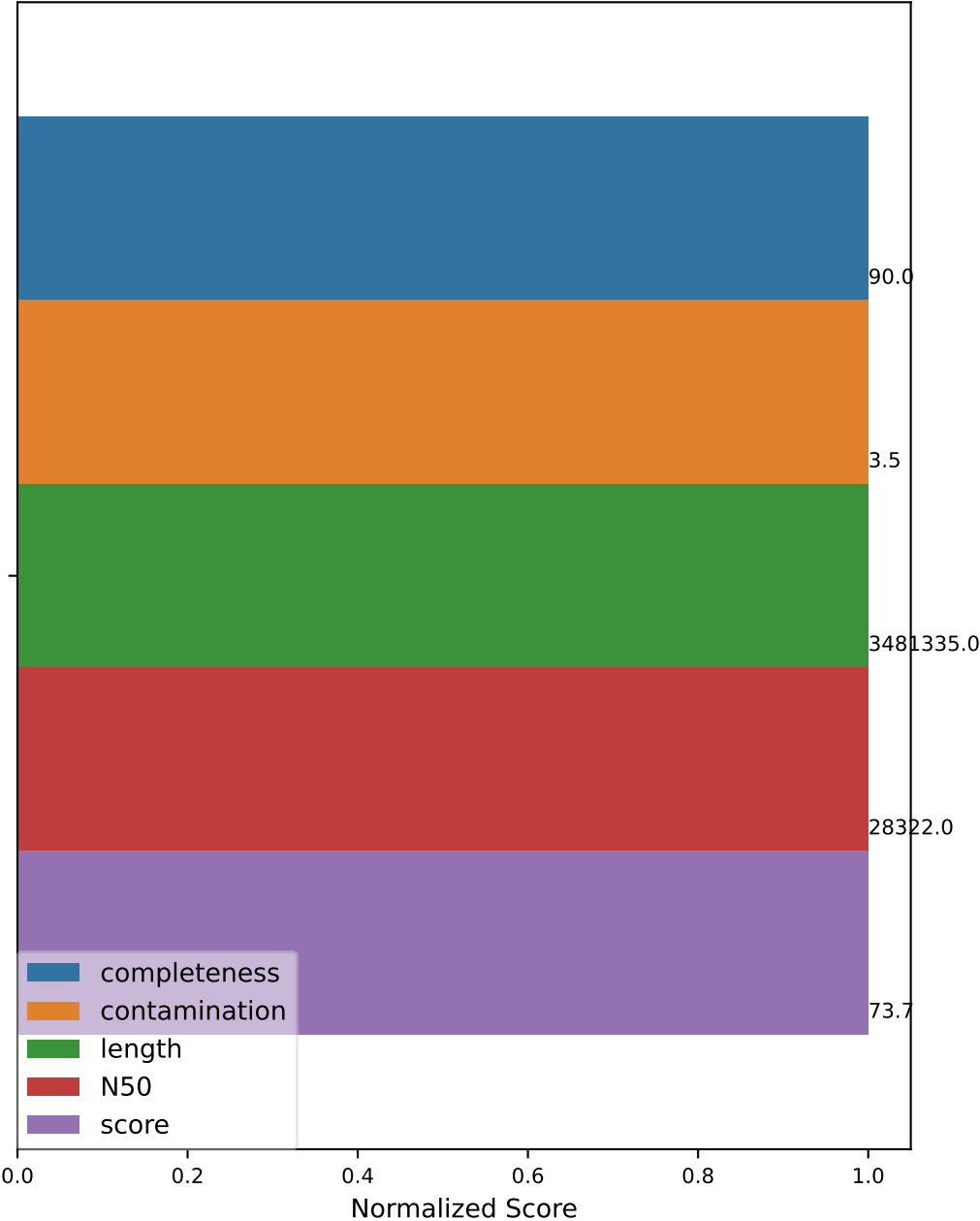




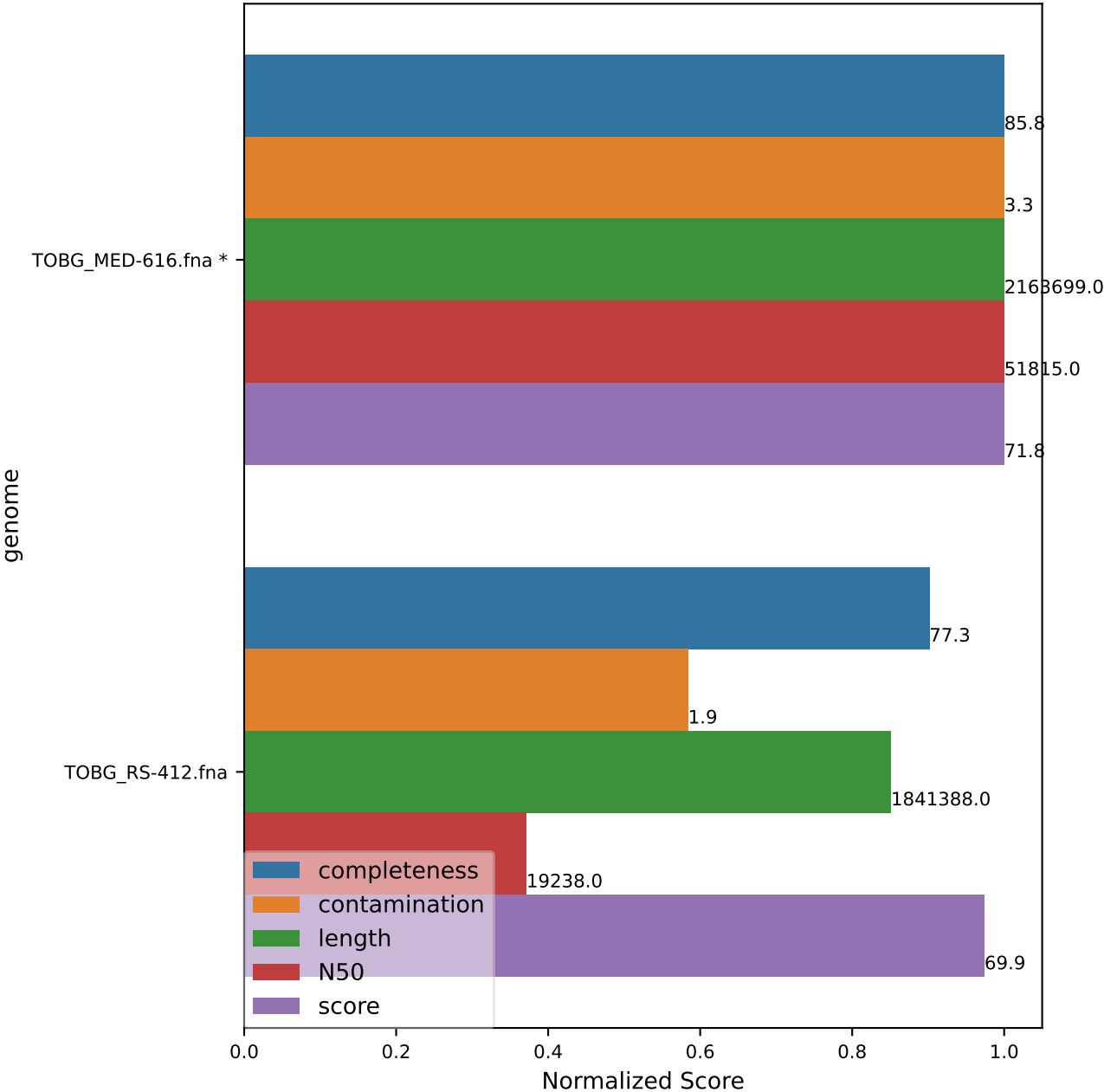
Scoring of cluster 908\_0

genome

TOBG\_MED-674.fna \*



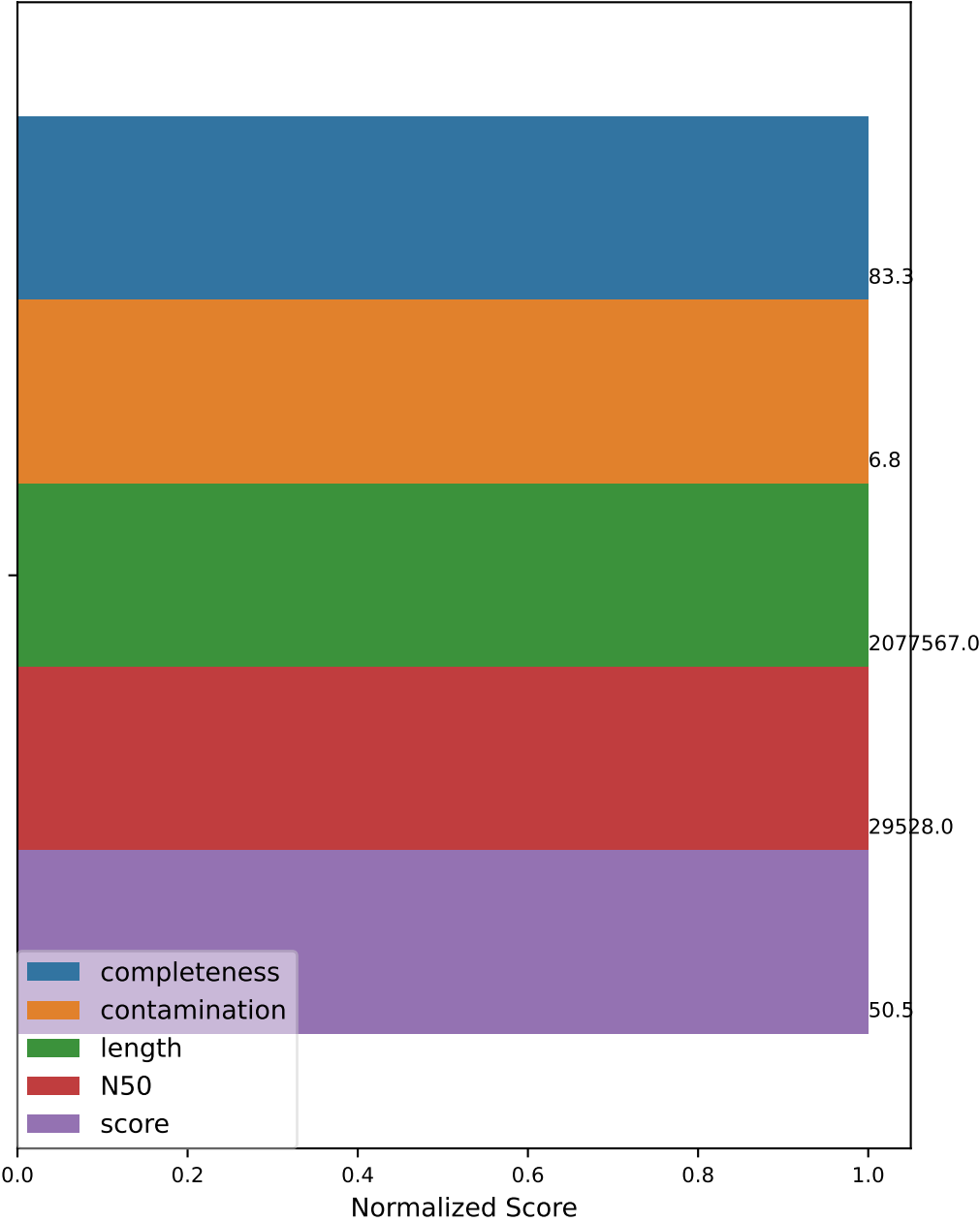
Scoring of cluster 909\_1



Scoring of cluster 910\_0

genome

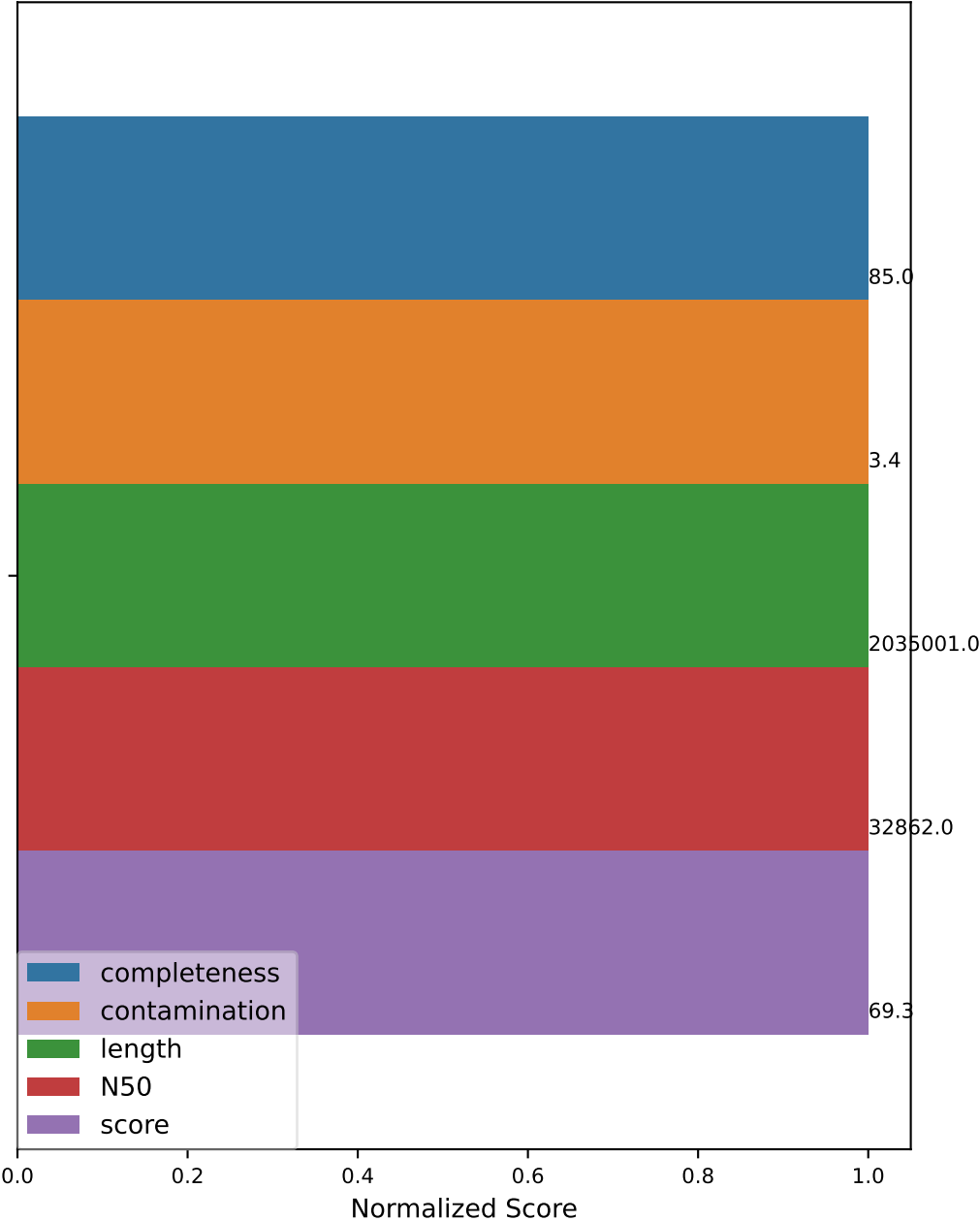
TOBG\_MED-1227.fna \*



Scoring of cluster 911\_0

genome

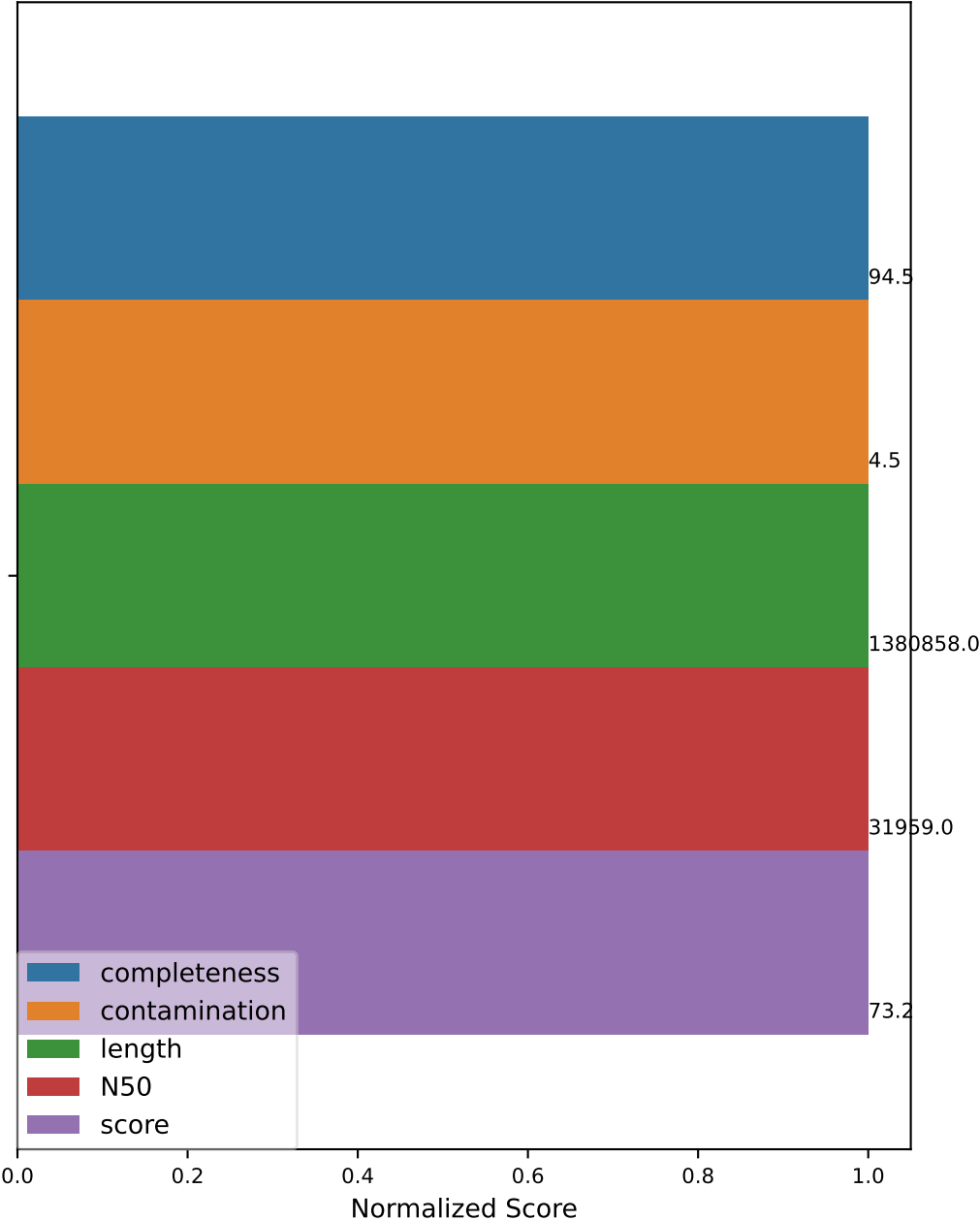
TOBG\_MED-585.fna \*



Scoring of cluster 912\_0

genome

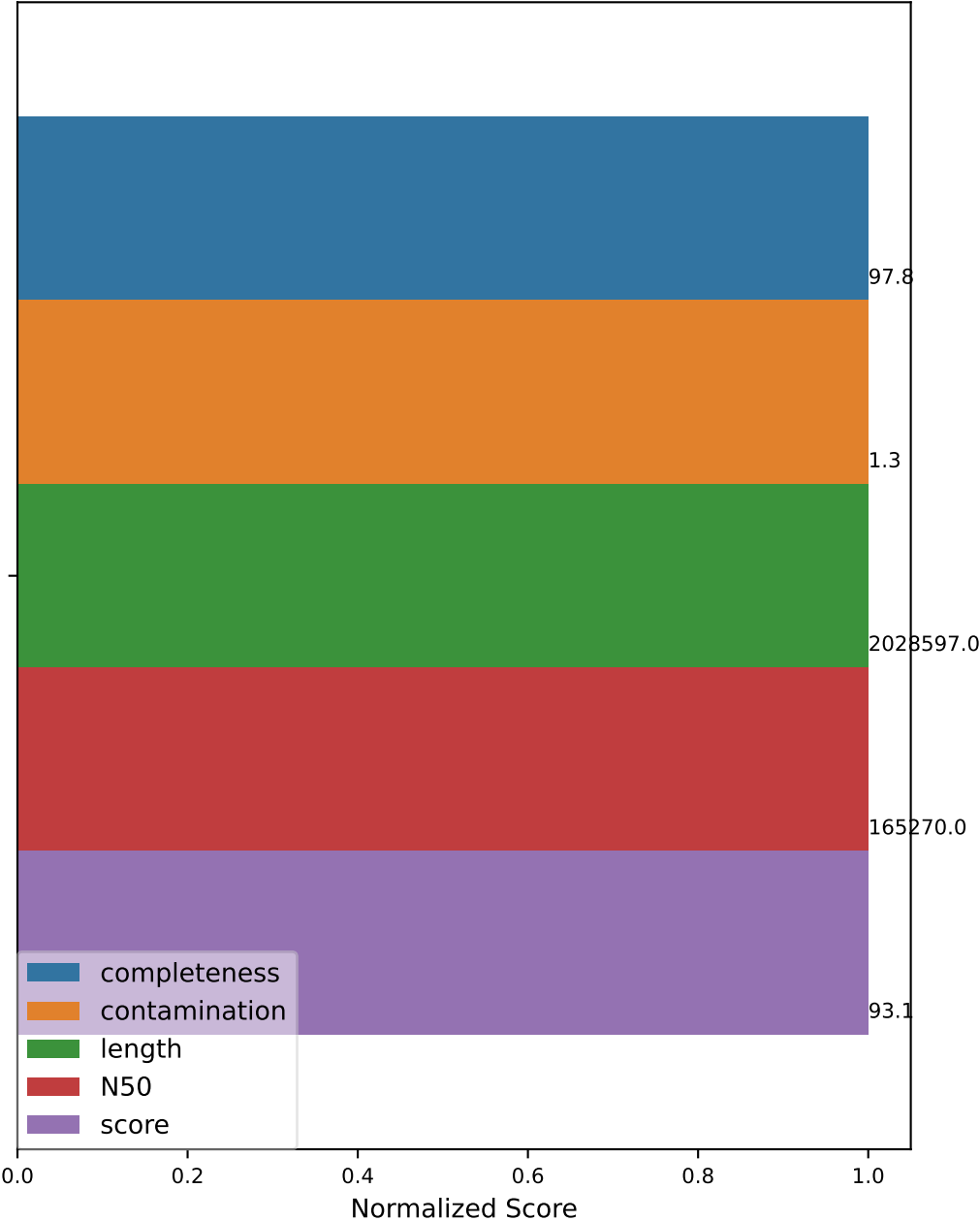
TOBG\_MED-617.fna \*



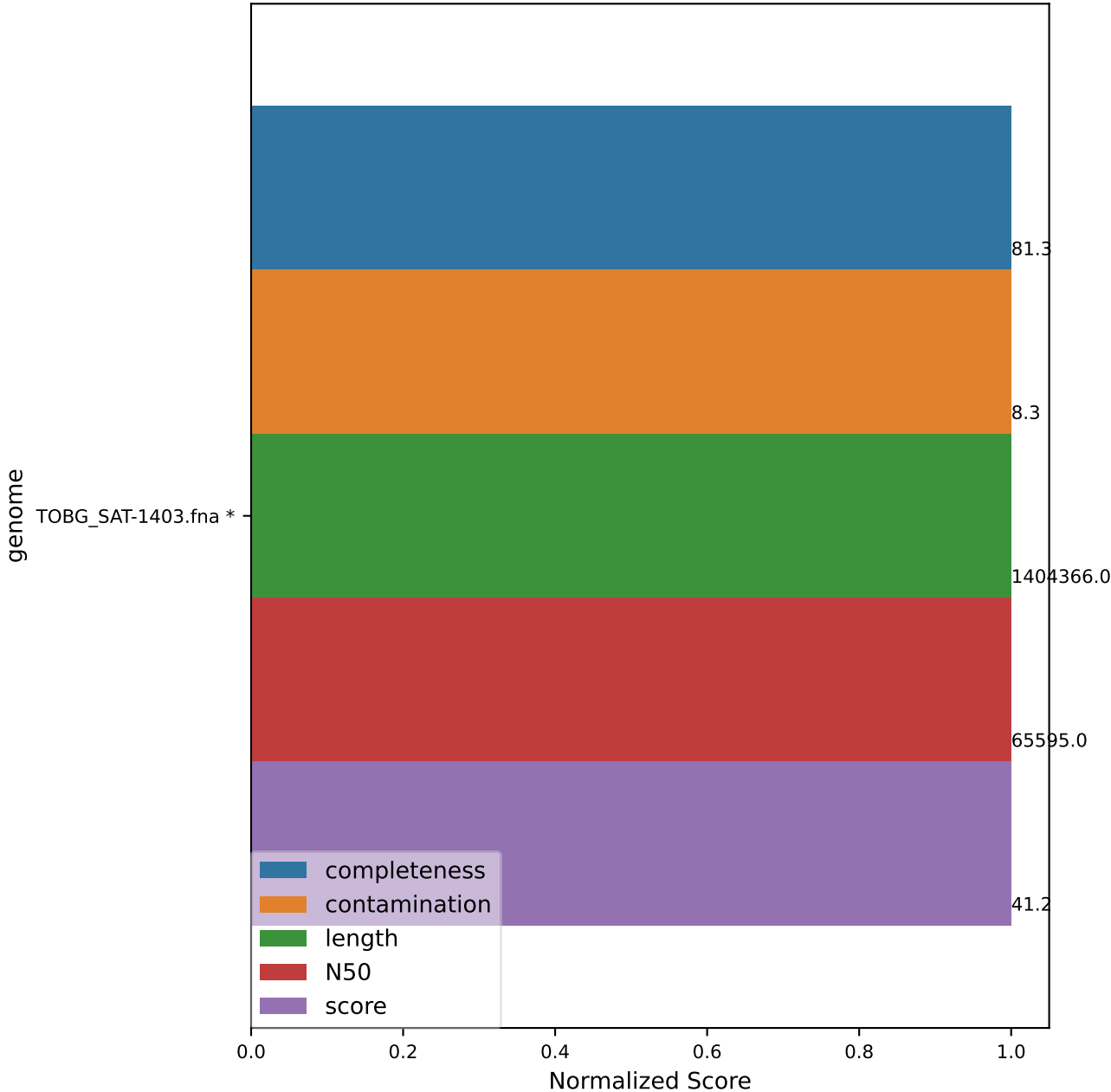
Scoring of cluster 913\_0

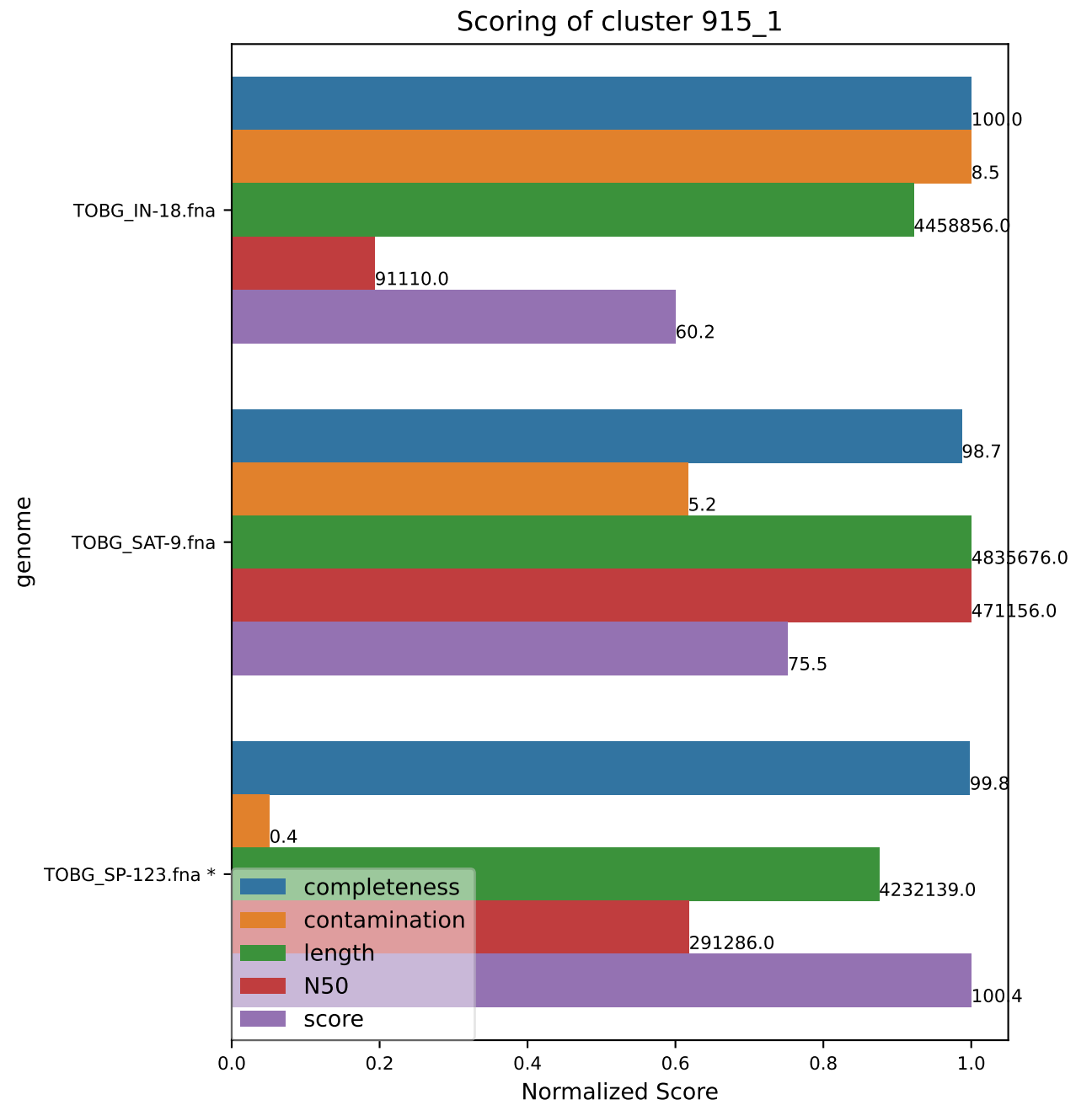
genome

TOBG\_MED-657.fna \*



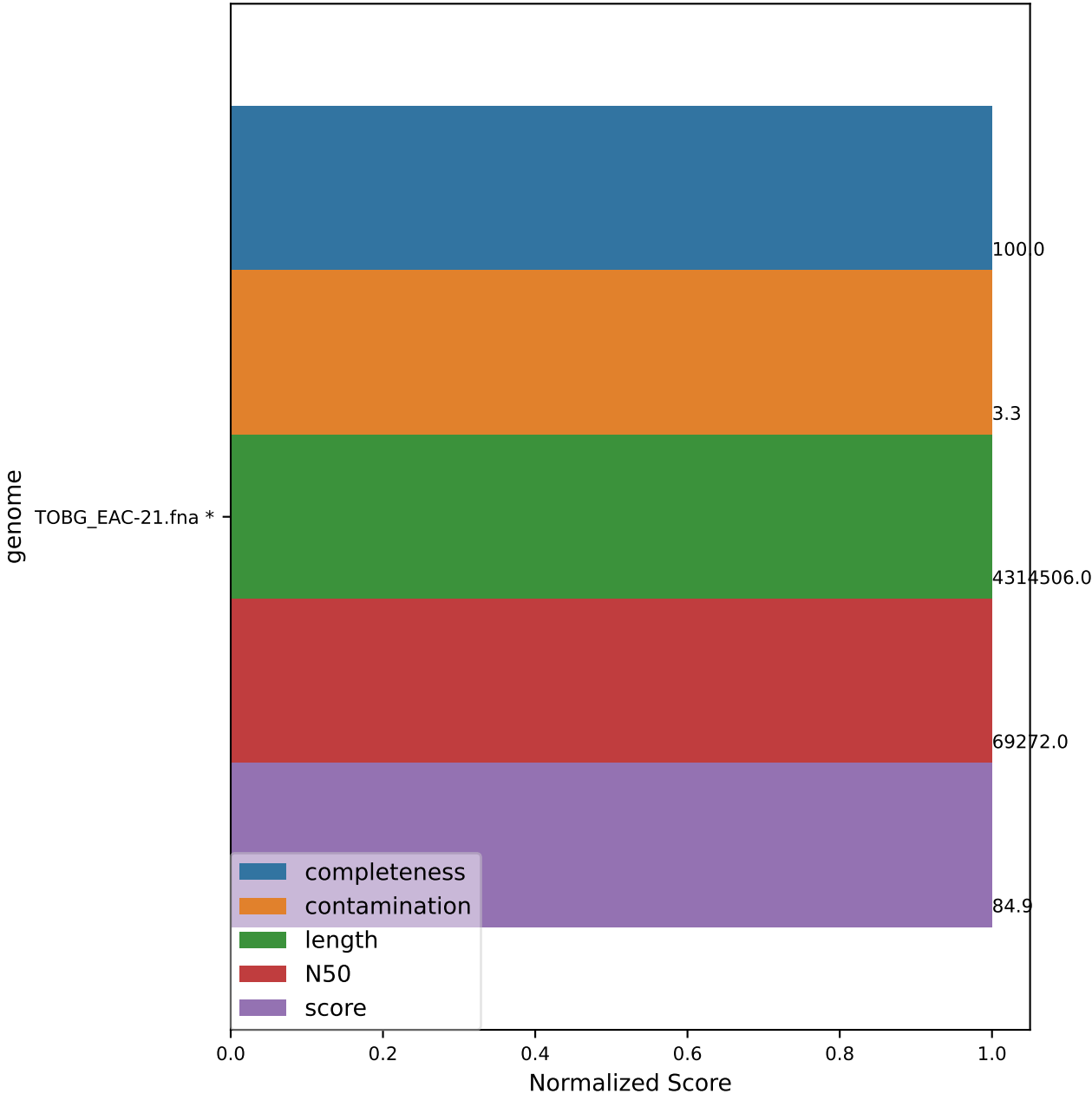
Scoring of cluster 914\_0



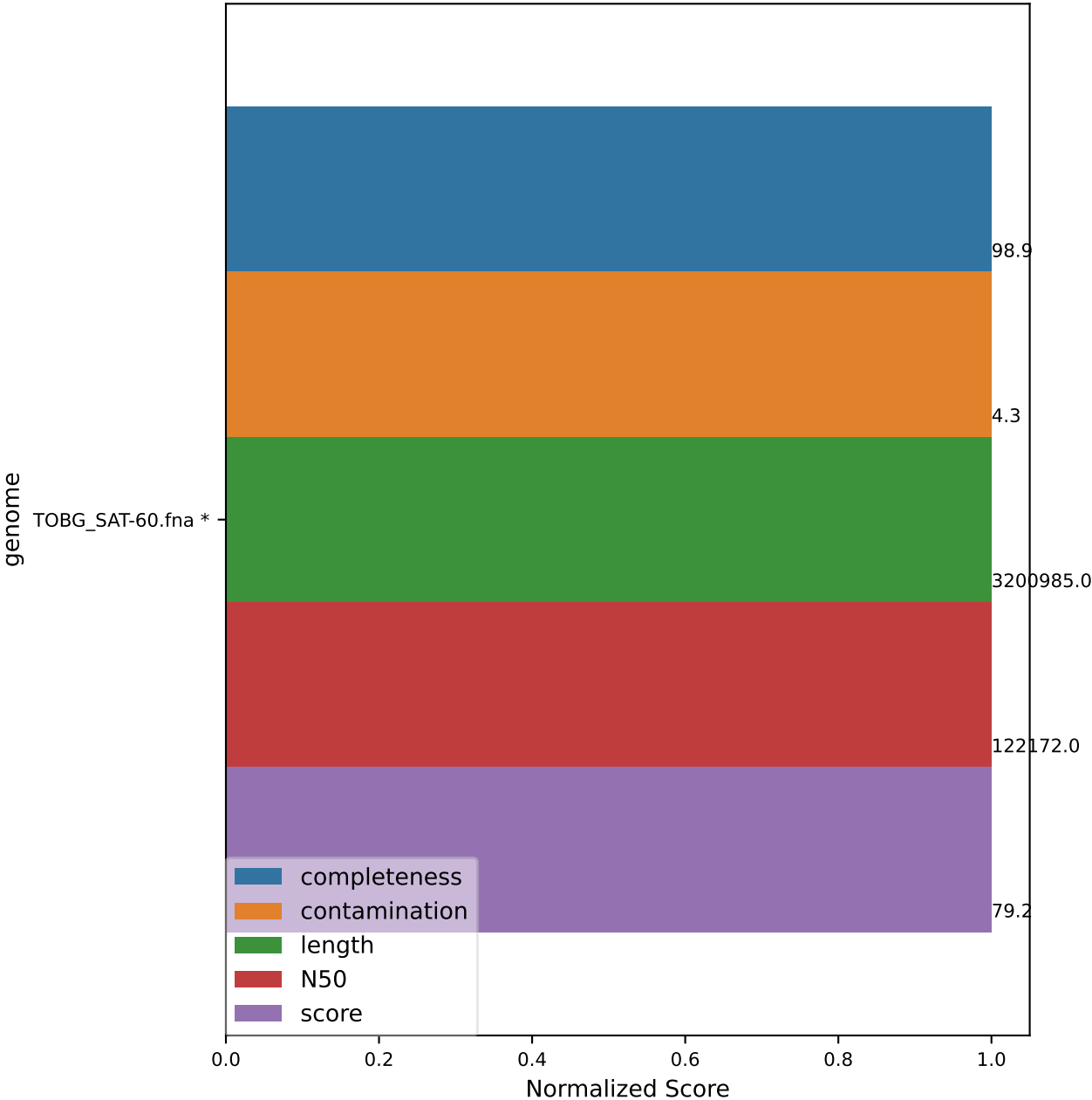




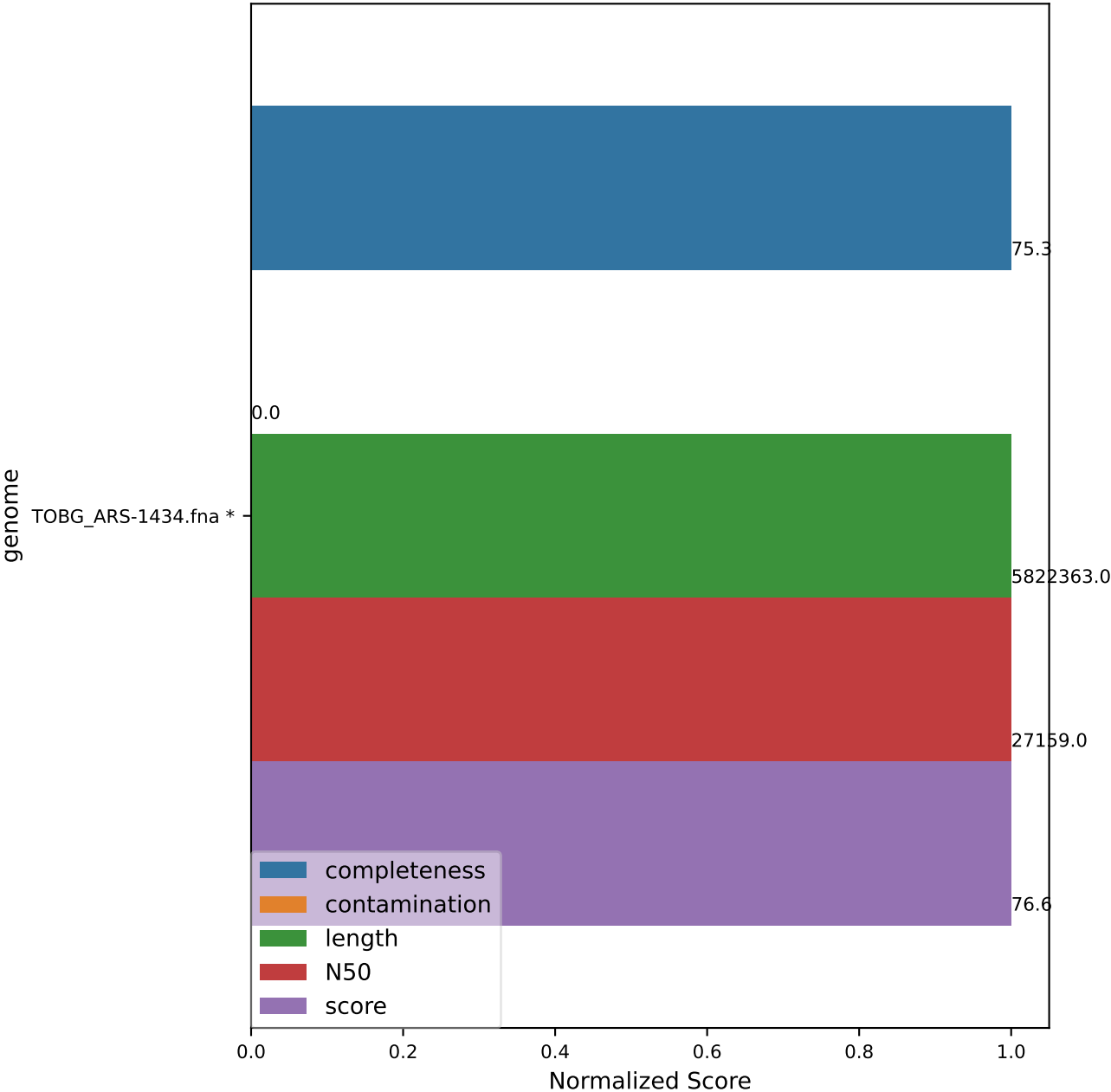
Scoring of cluster 915\_2



Scoring of cluster 916\_0



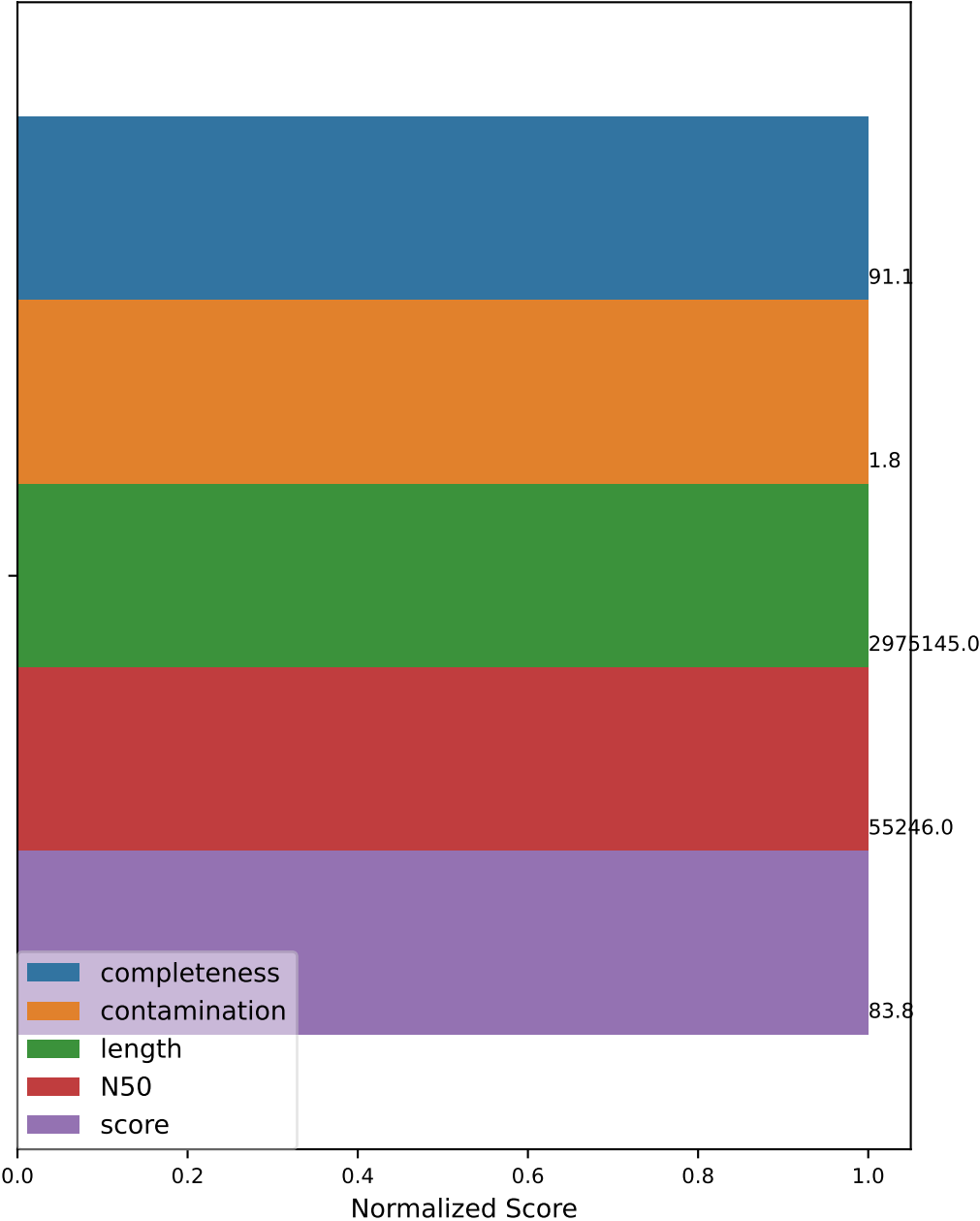
Scoring of cluster 917\_0



Scoring of cluster 918\_0

genome

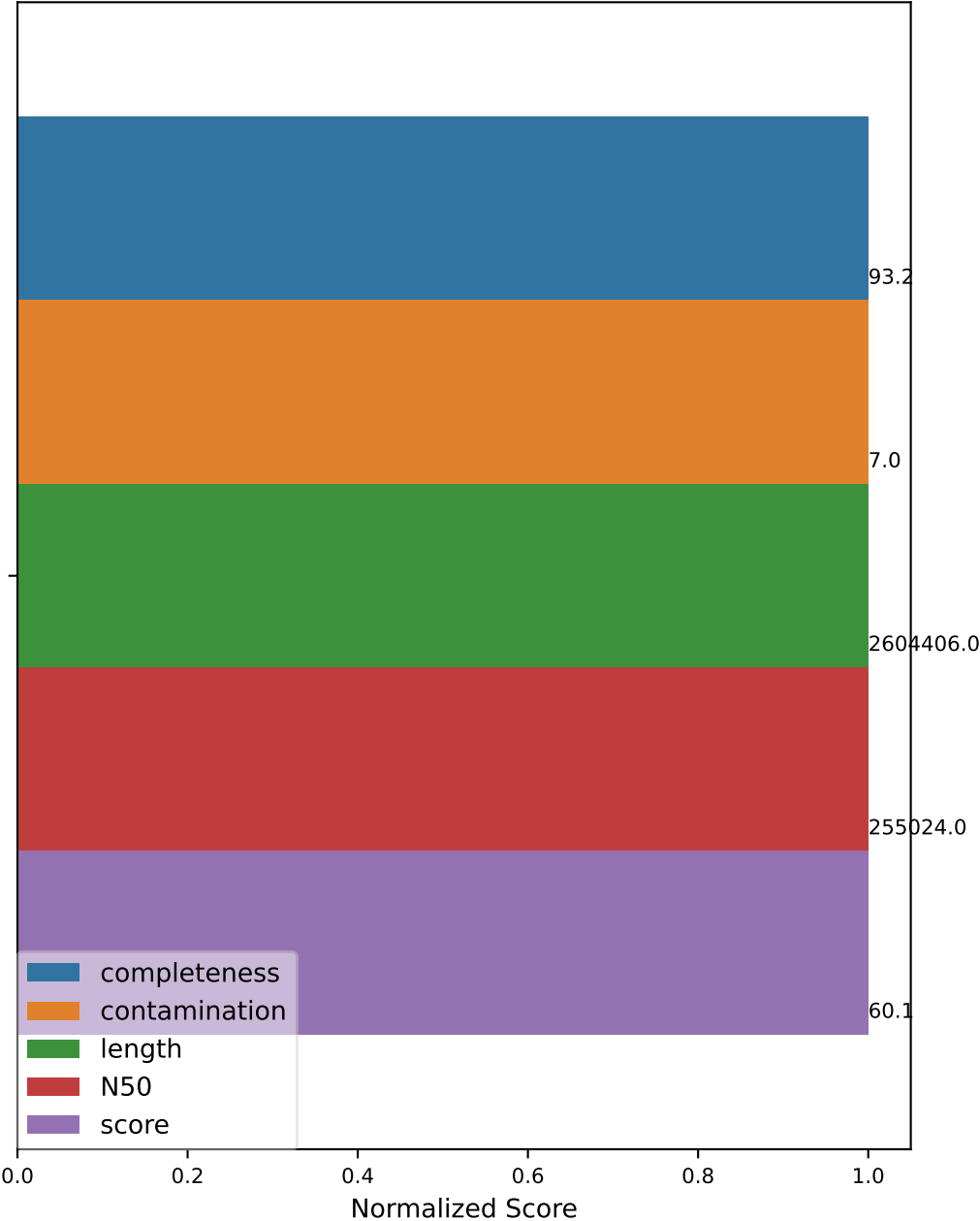
TOBG\_MED-620.fna \*



Scoring of cluster 919\_0

genome

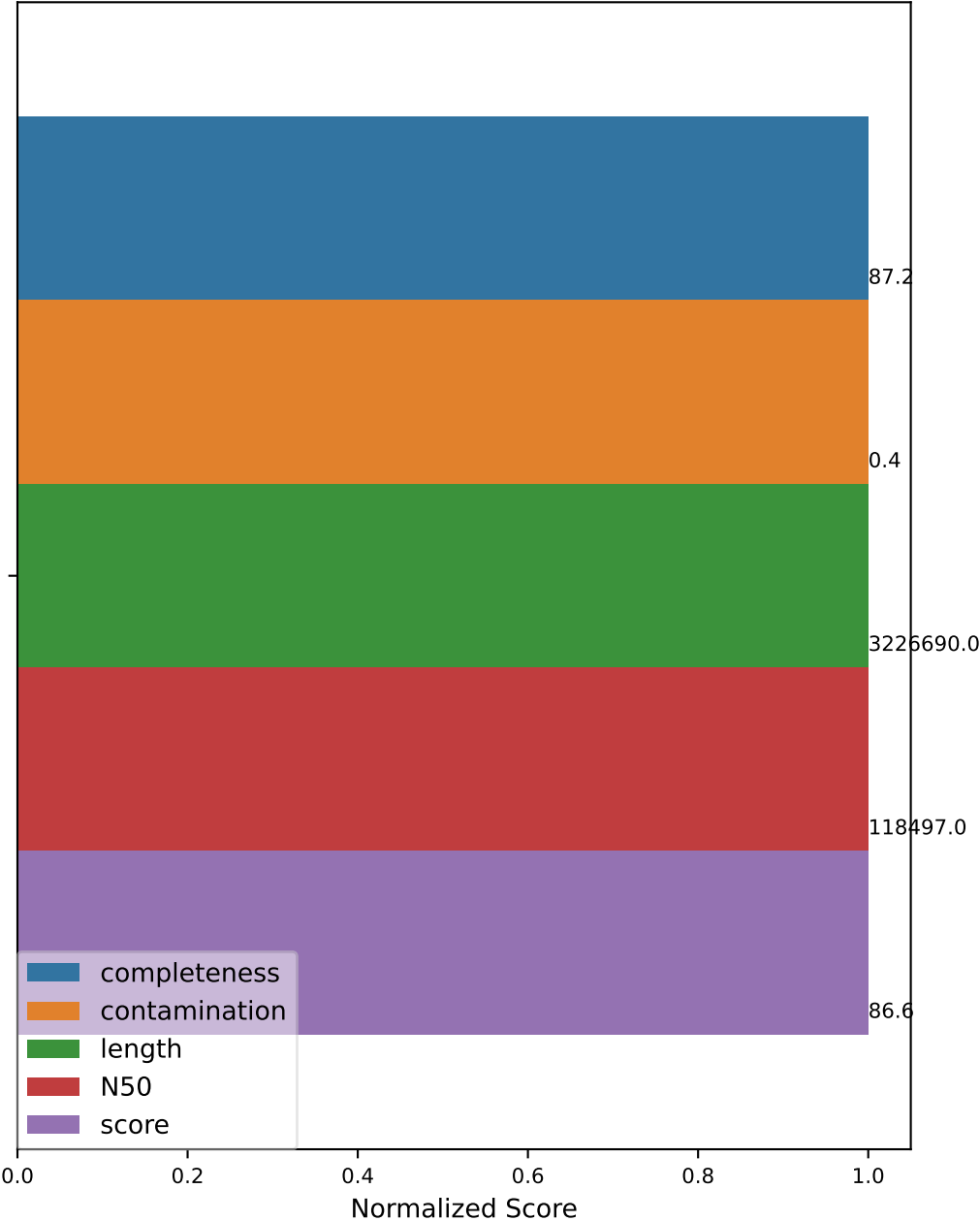
TOBG\_MED-797.fna \*



Scoring of cluster 920\_0

genome

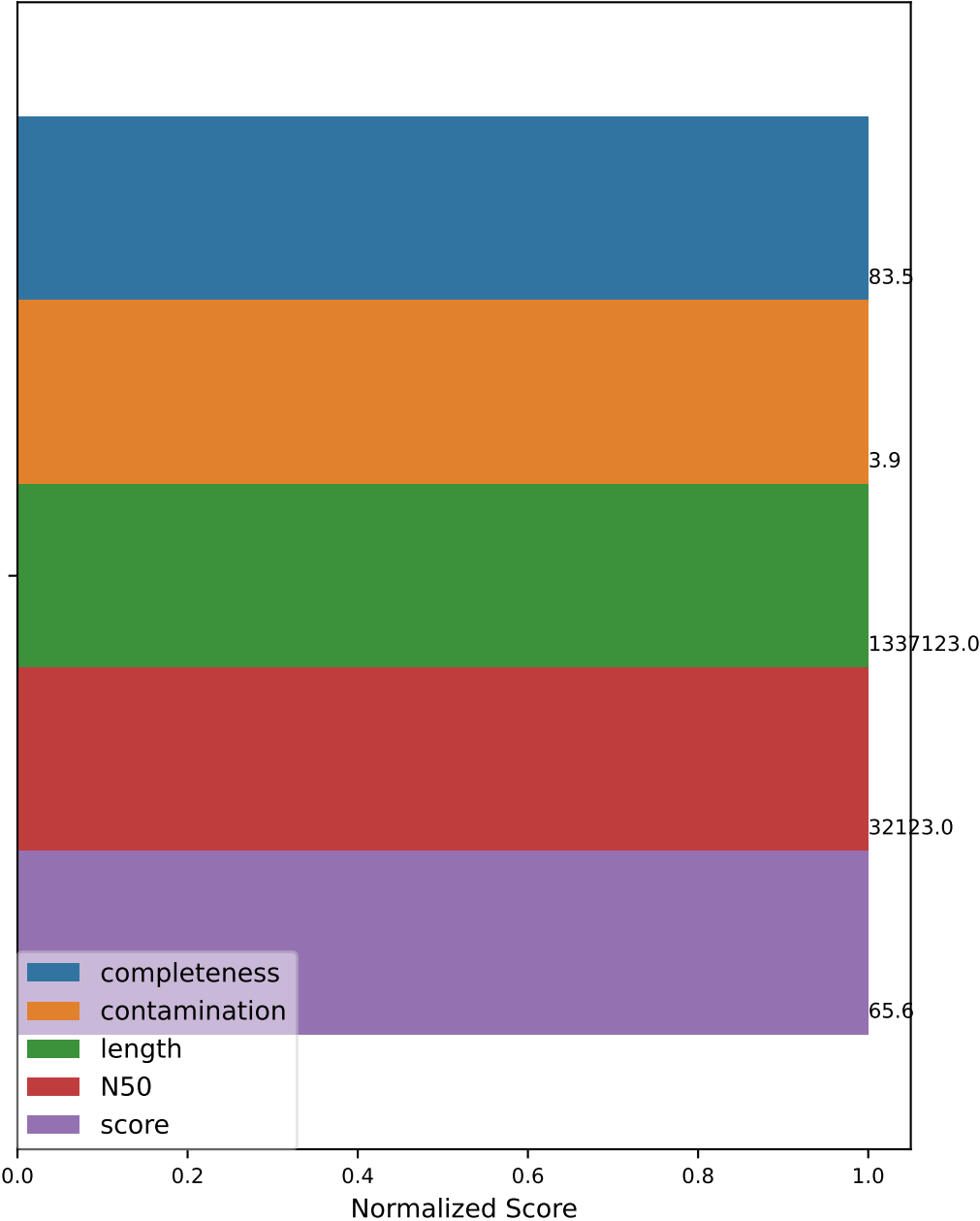
TOBG\_SAT-2755.fna \*



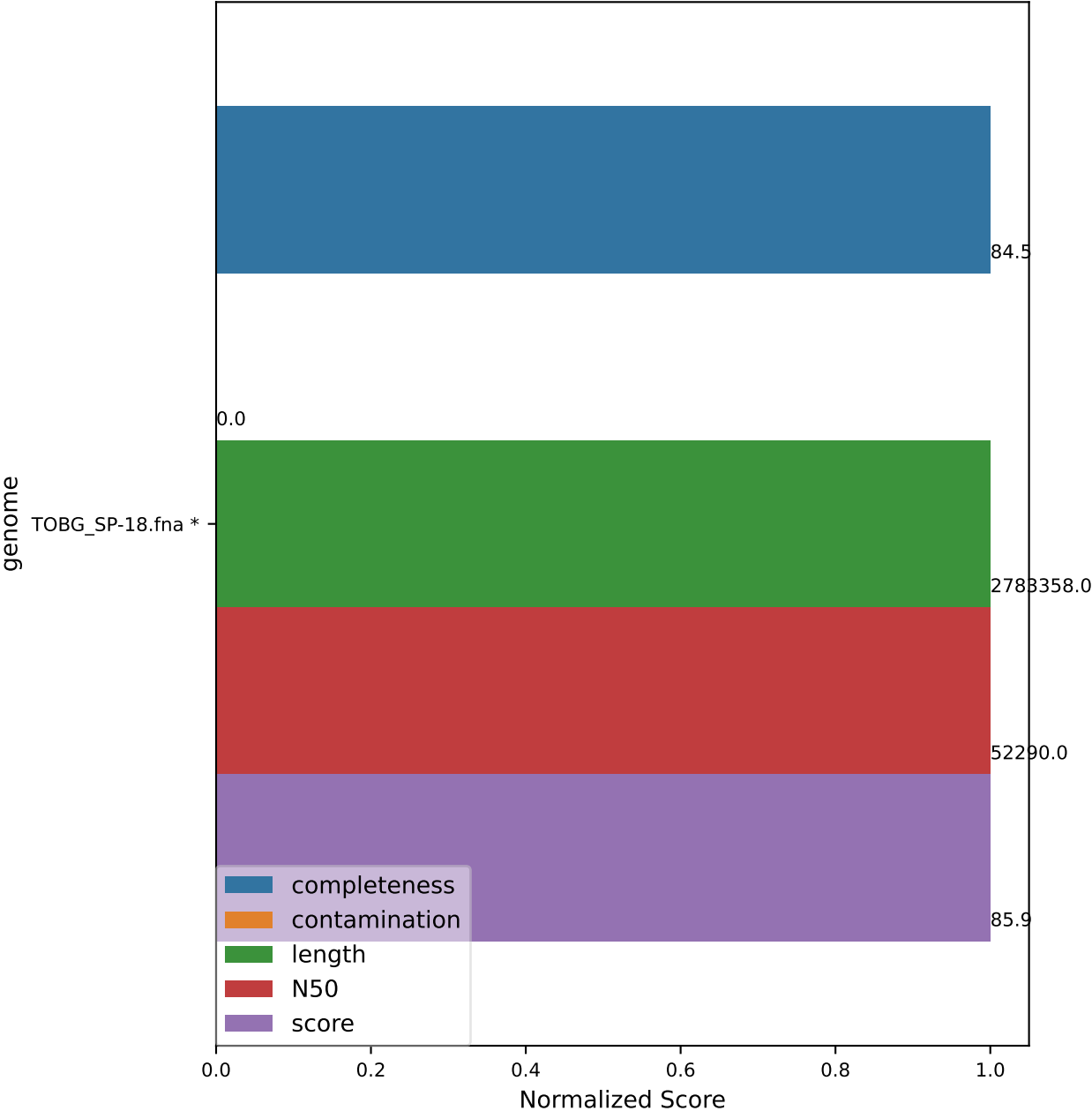
Scoring of cluster 921\_0

genome

TOBG\_SP-101.fna \*



Scoring of cluster 922\_0

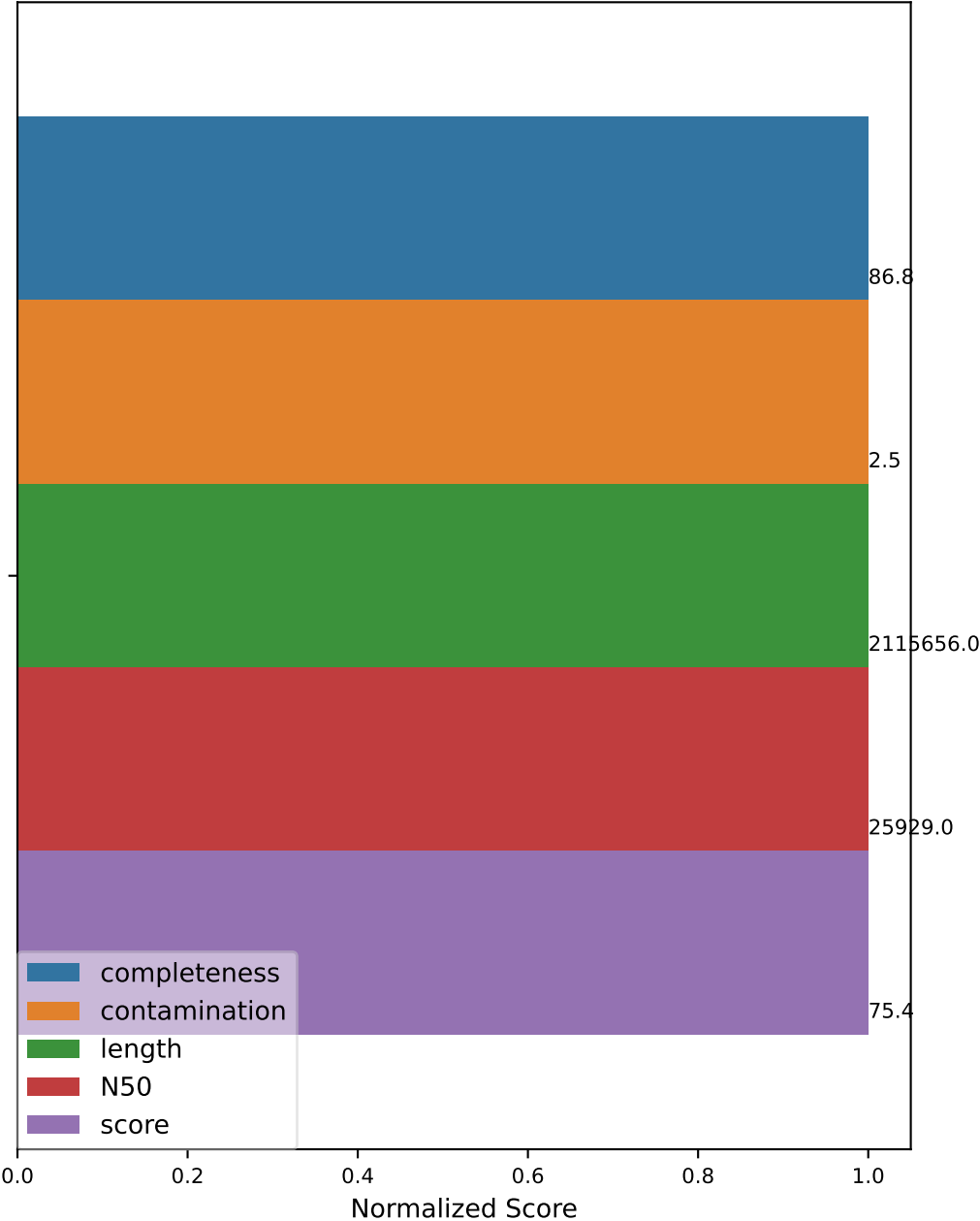




Scoring of cluster 923\_0

genome

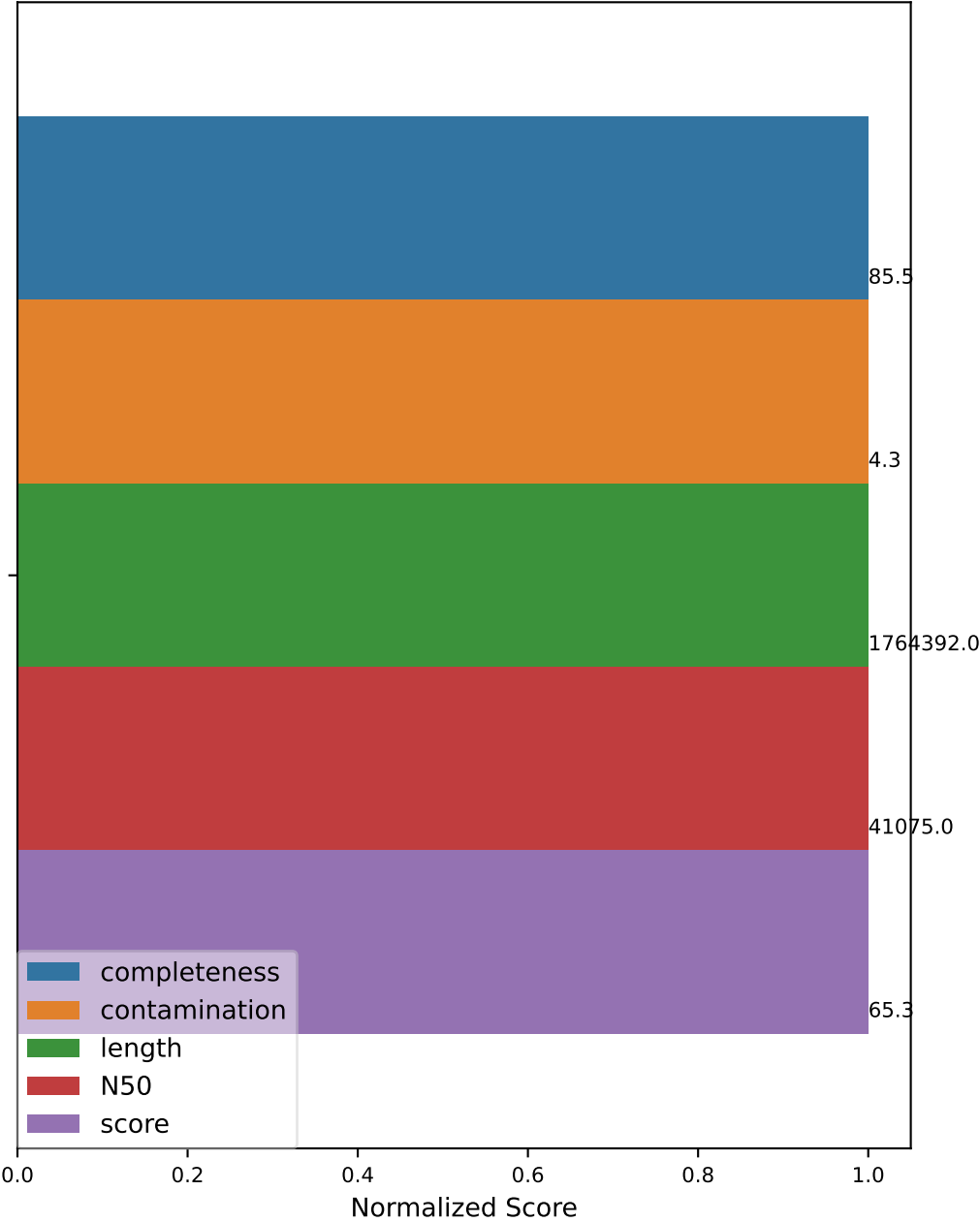
TOBG\_NAT-72.fna \*



Scoring of cluster 924\_0

genome

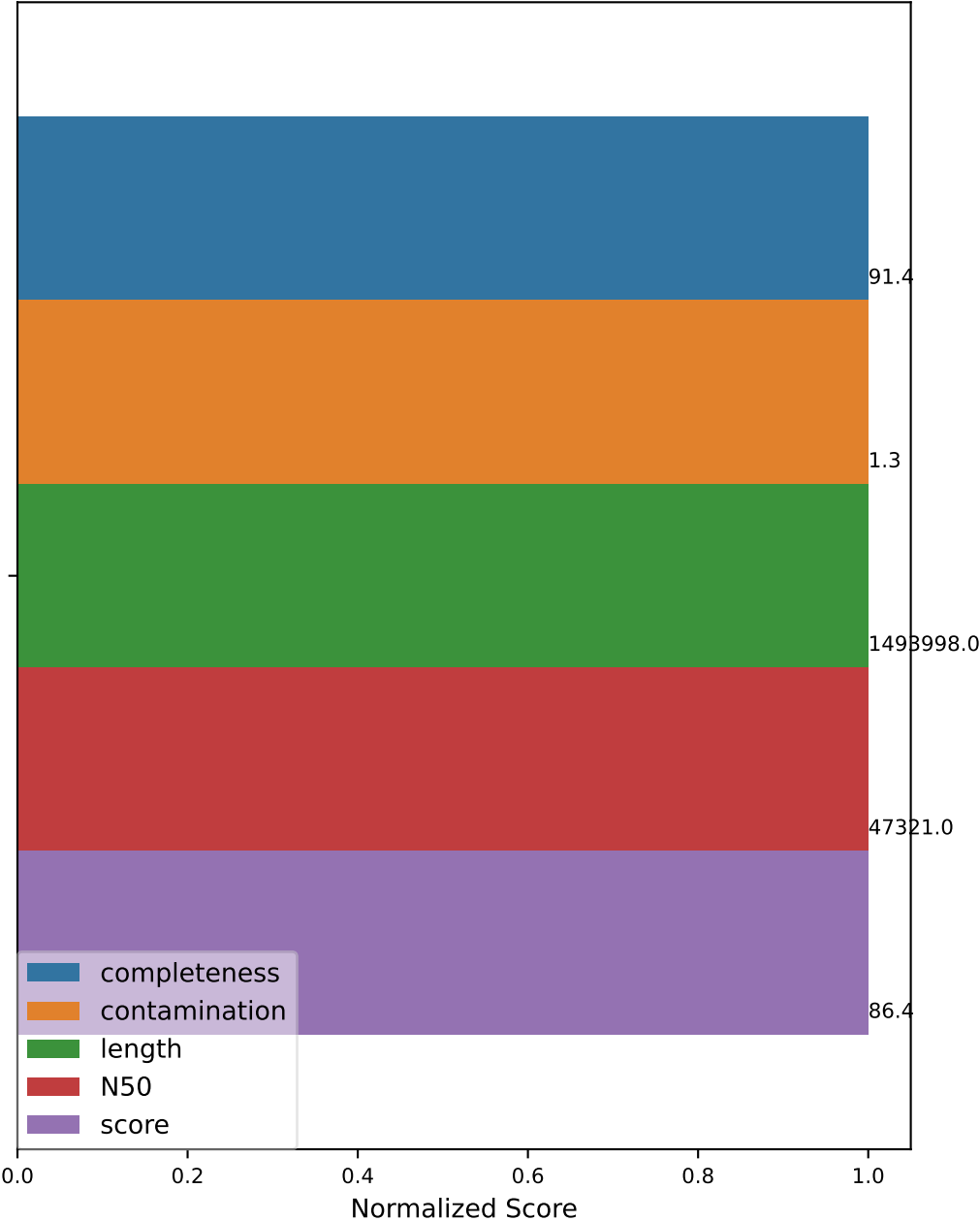
TOBG\_SP-285.fna \*



Scoring of cluster 925\_0

genome

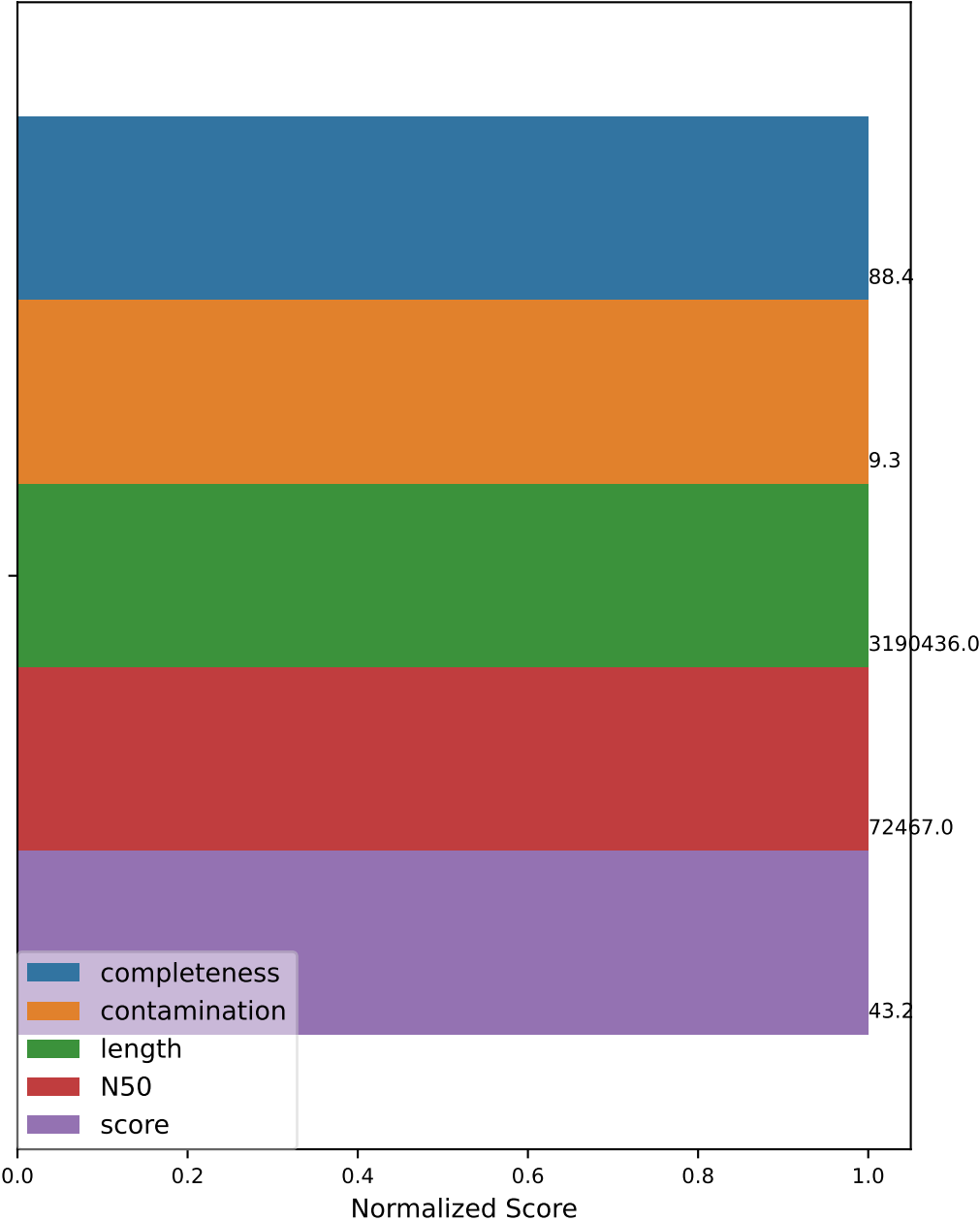
TOBG\_EAC-13.fna \*



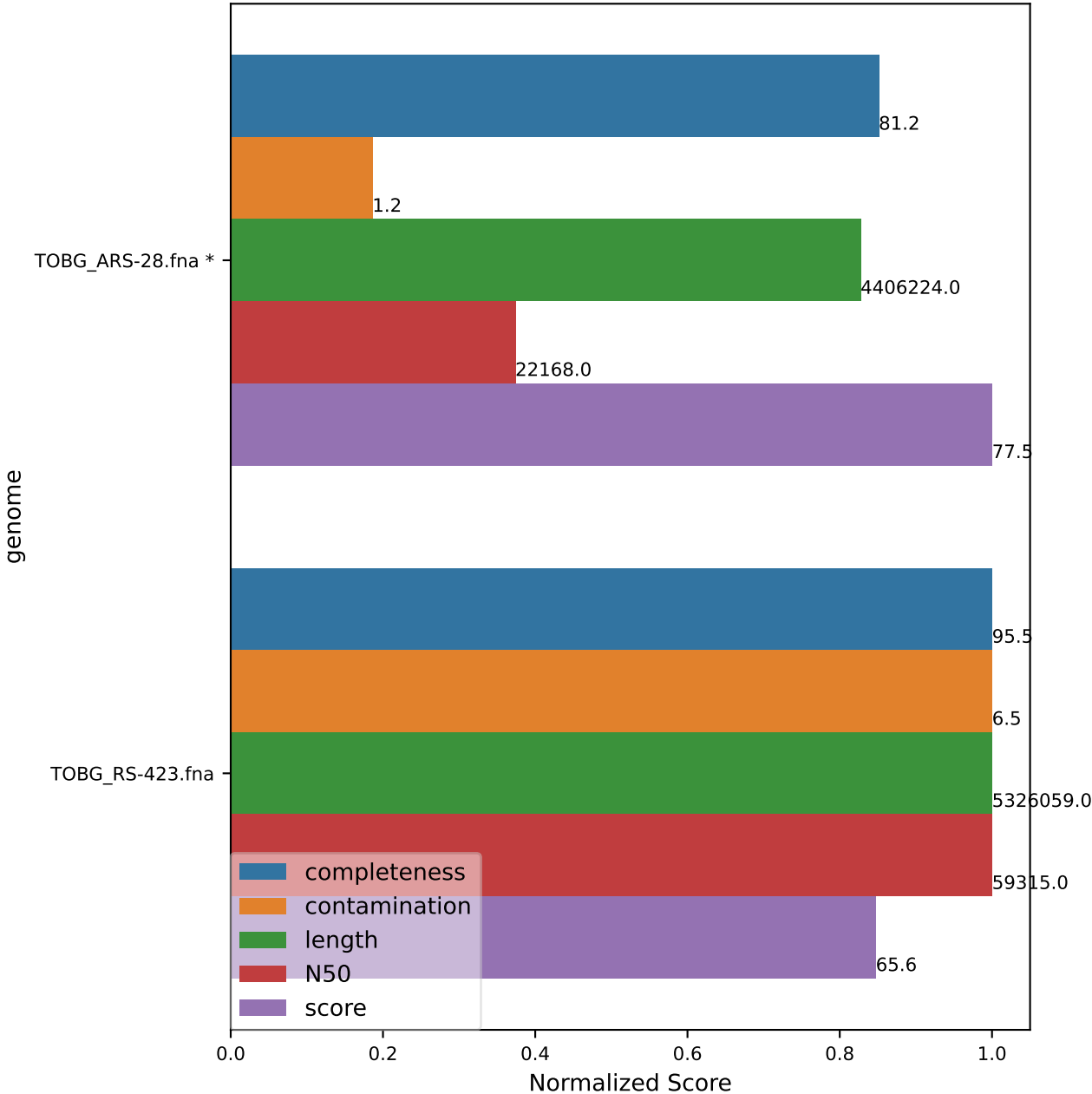
Scoring of cluster 926\_0

genome

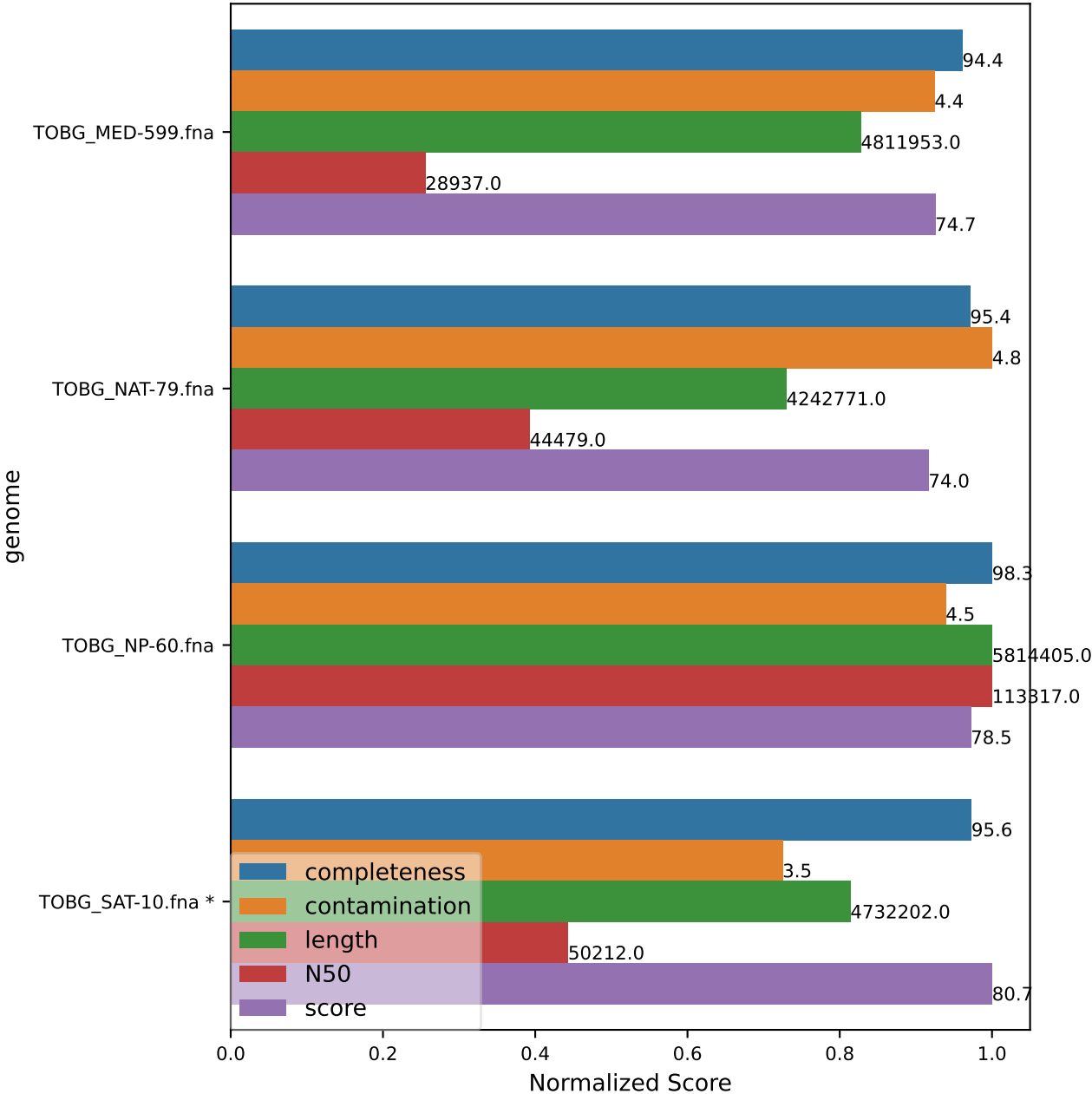
TOBG\_SP-4027.fna \*



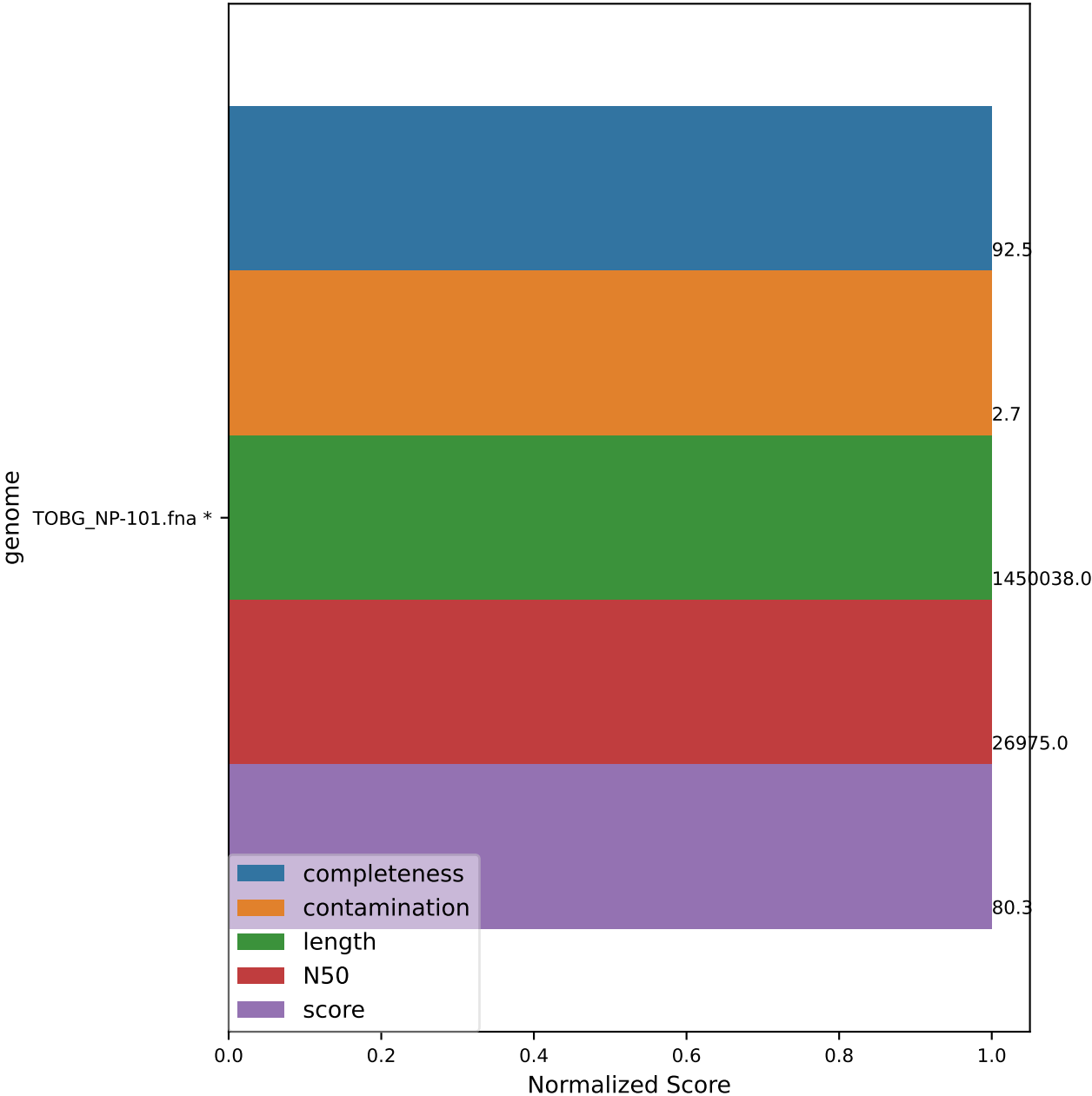
Scoring of cluster 927\_1



Scoring of cluster 927\_2



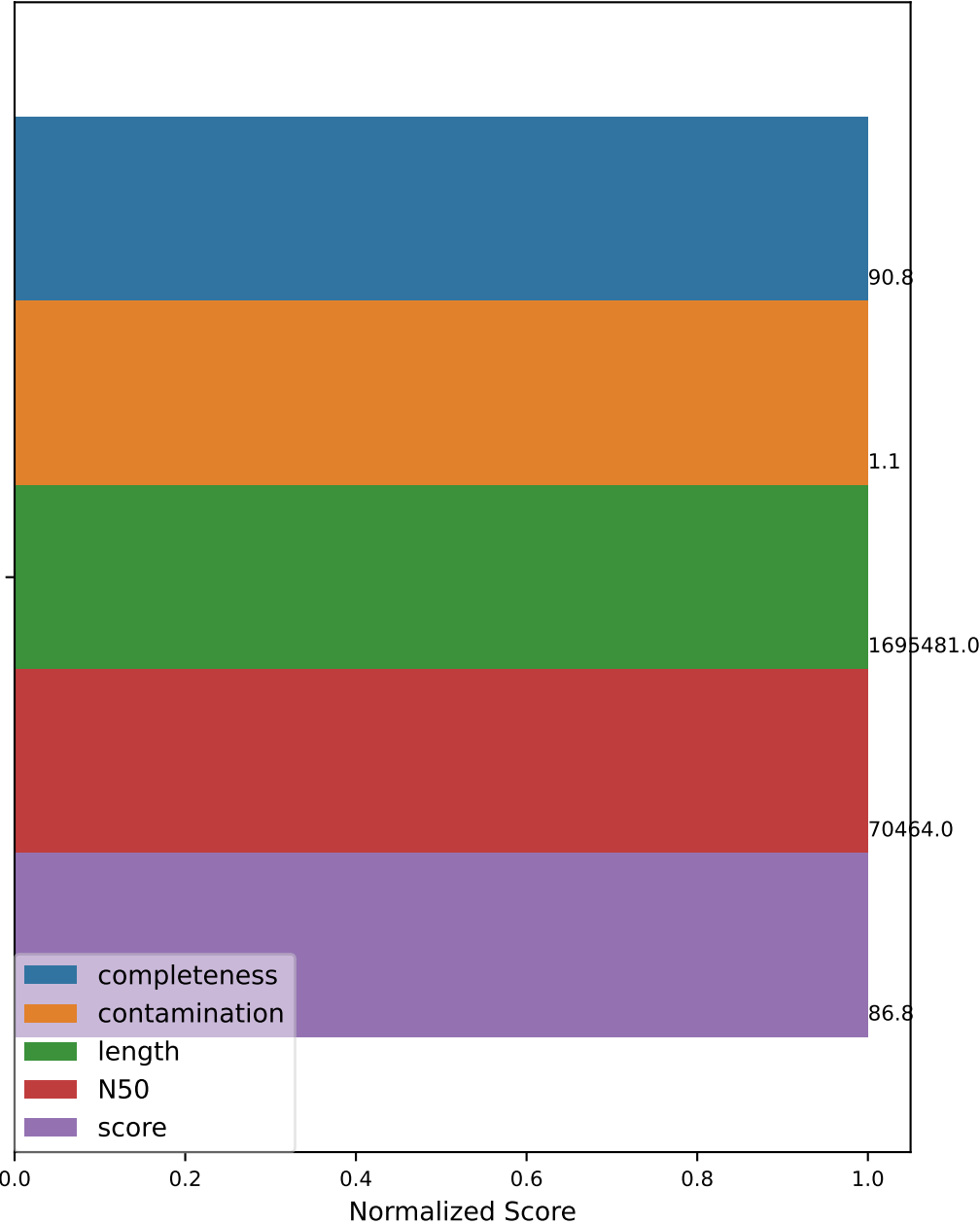
Scoring of cluster 928\_0



Scoring of cluster 929\_0

genome

TOBG\_SP-81.fna \*

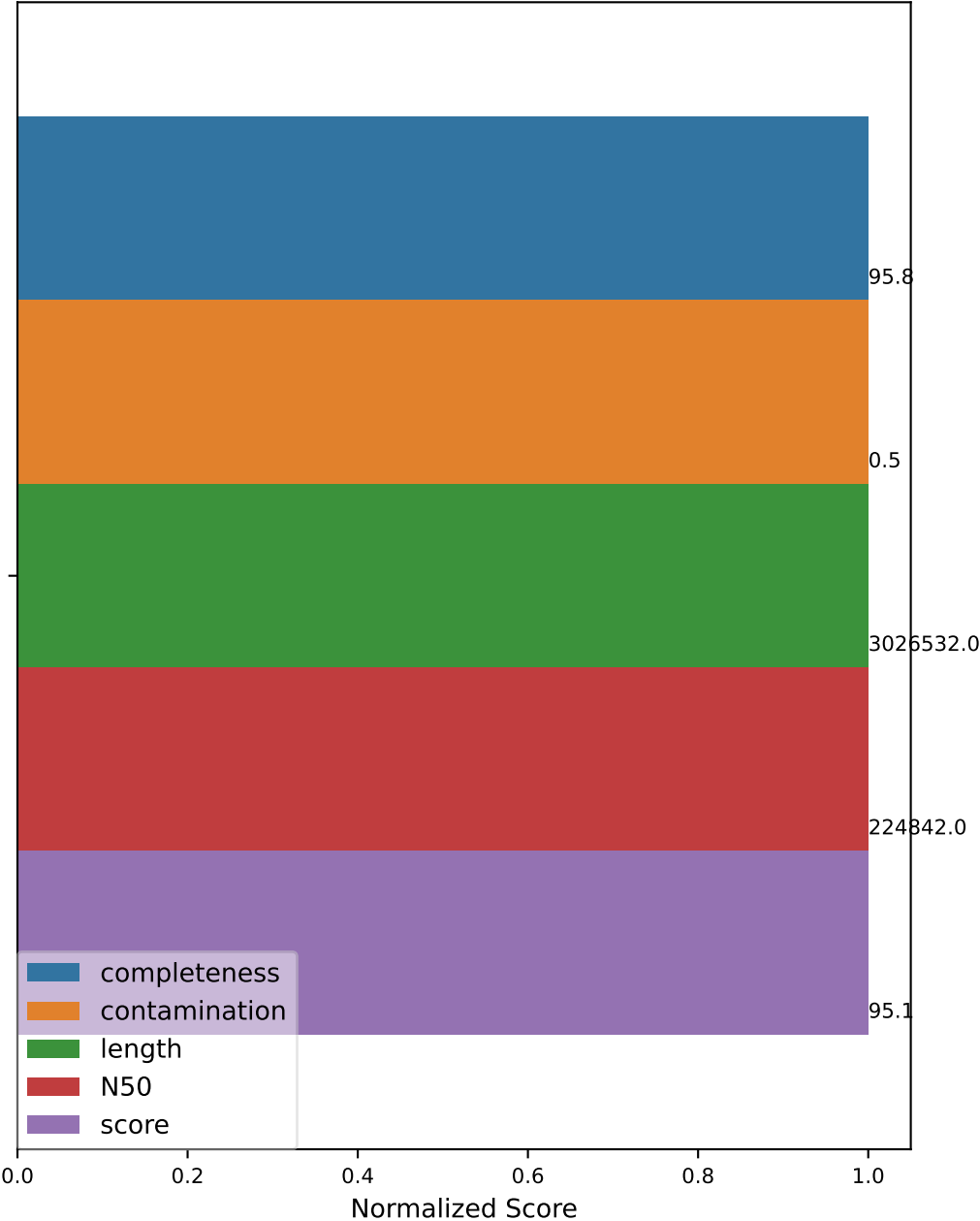




Scoring of cluster 930\_0

genome

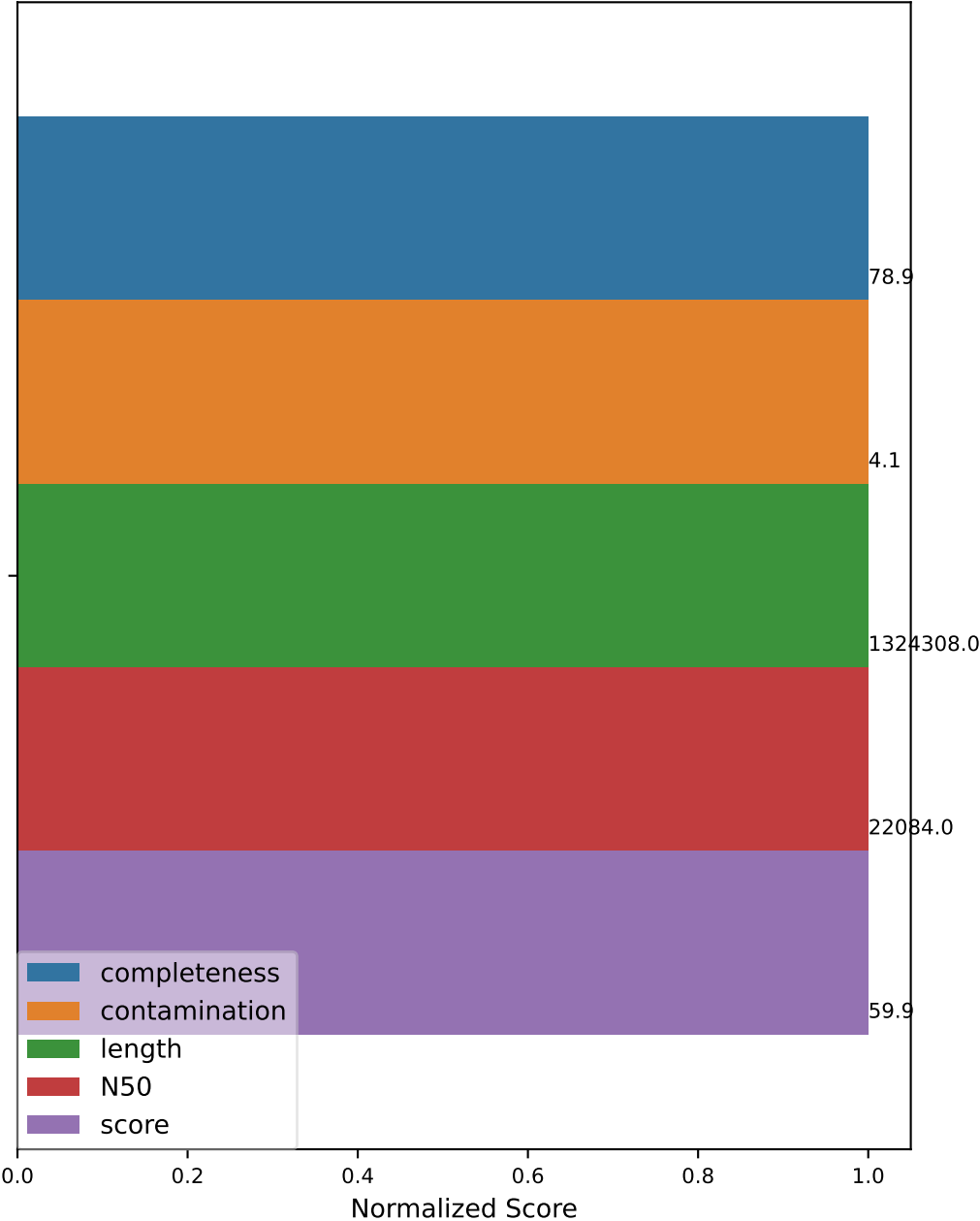
TOBG\_MED-716.fna \*



Scoring of cluster 931\_0

genome

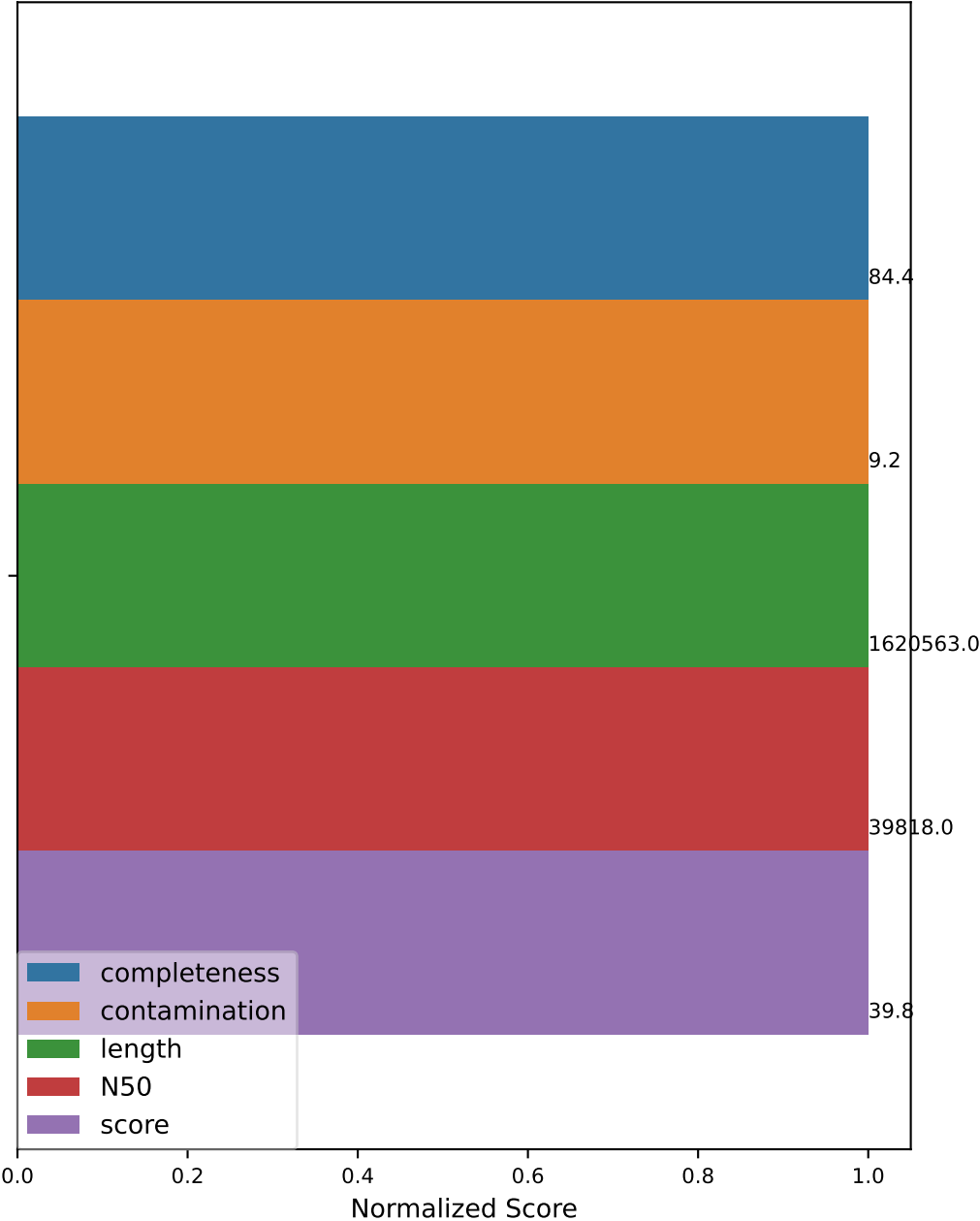
TOBG\_MED-1261.fna \*



Scoring of cluster 932\_0

genome

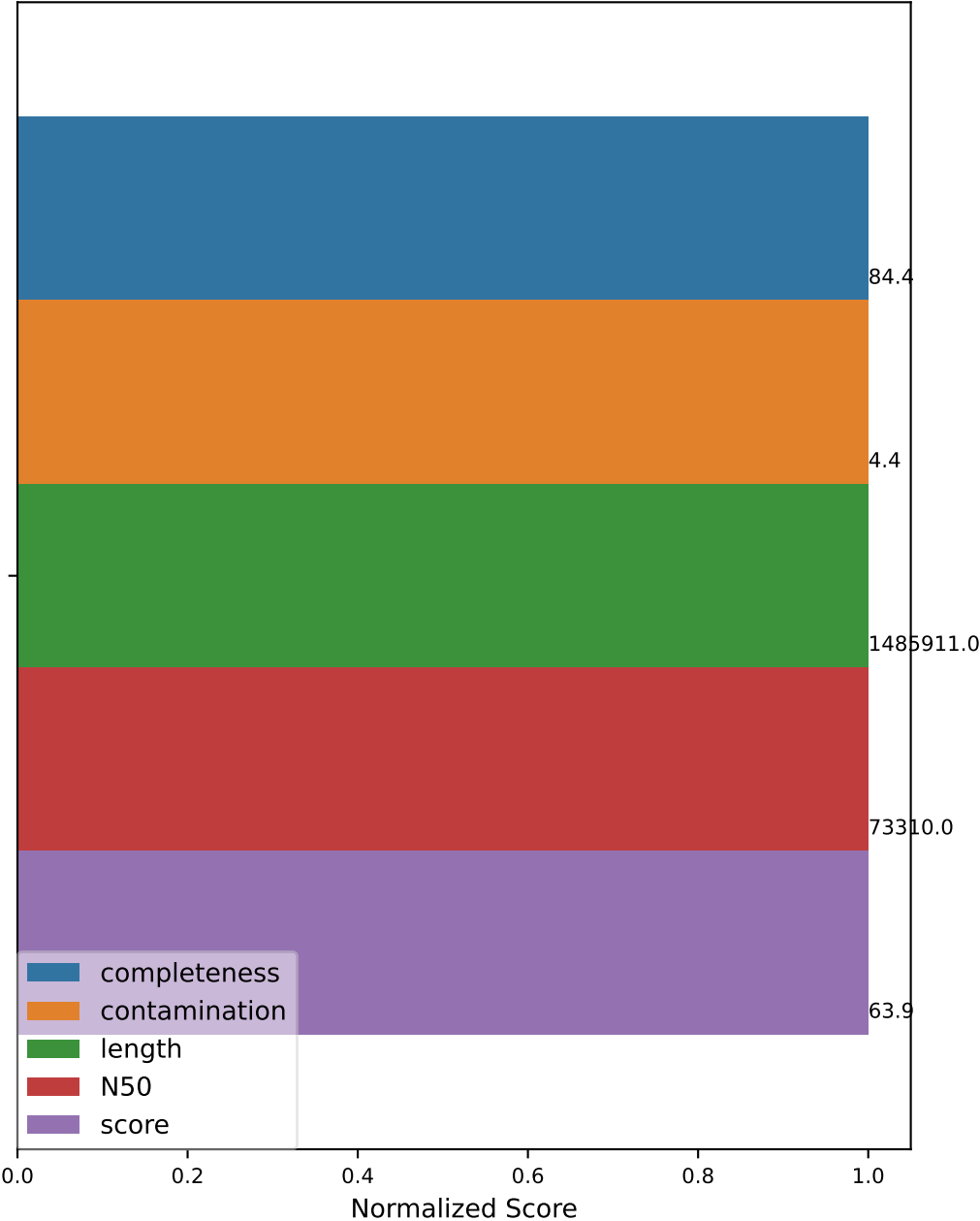
TOBG\_SP-3029.fna \*



Scoring of cluster 933\_0

genome

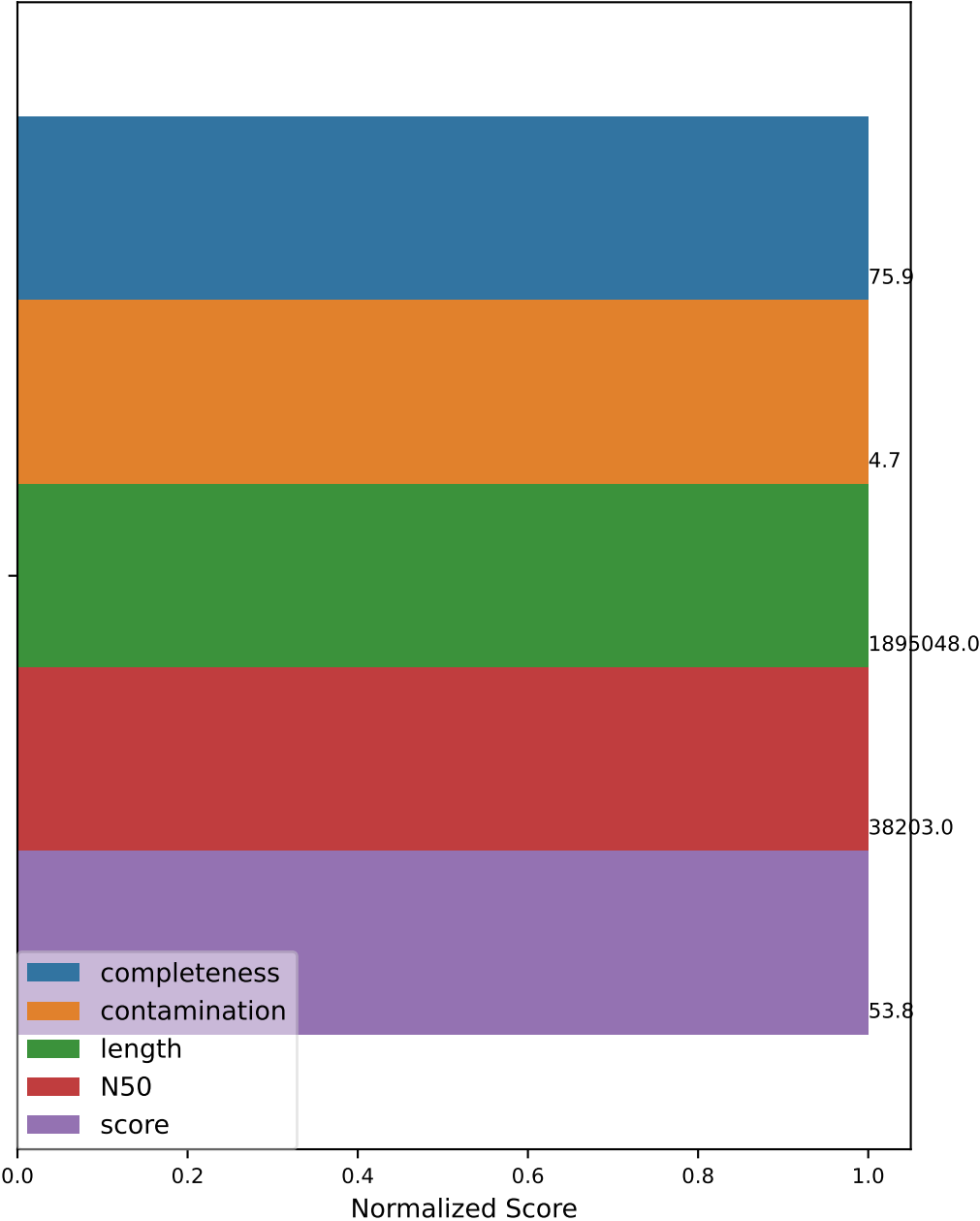
TOBG\_SP-289.fna \*



Scoring of cluster 934\_0

genome

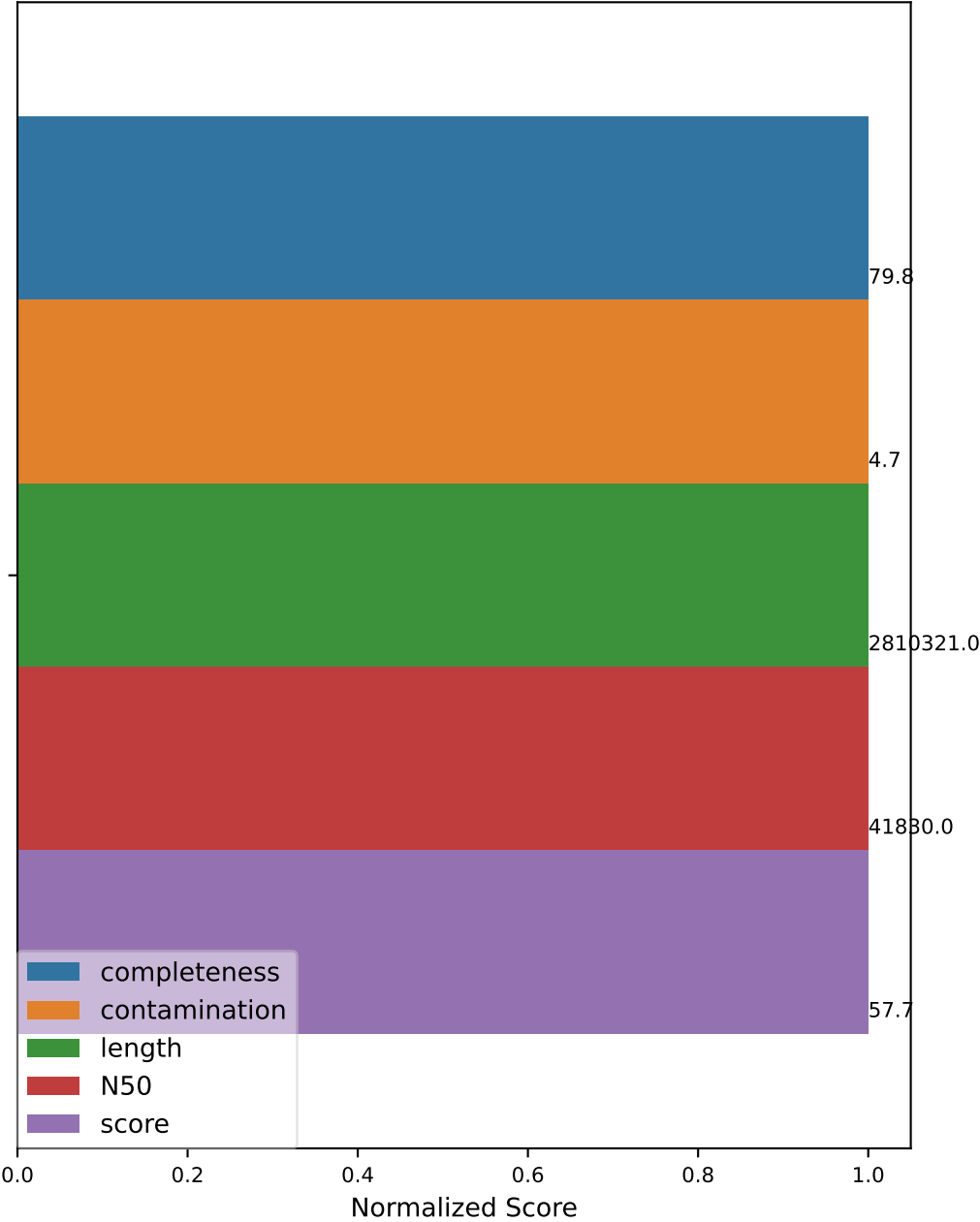
TOBG\_CPC-1399.fna \*



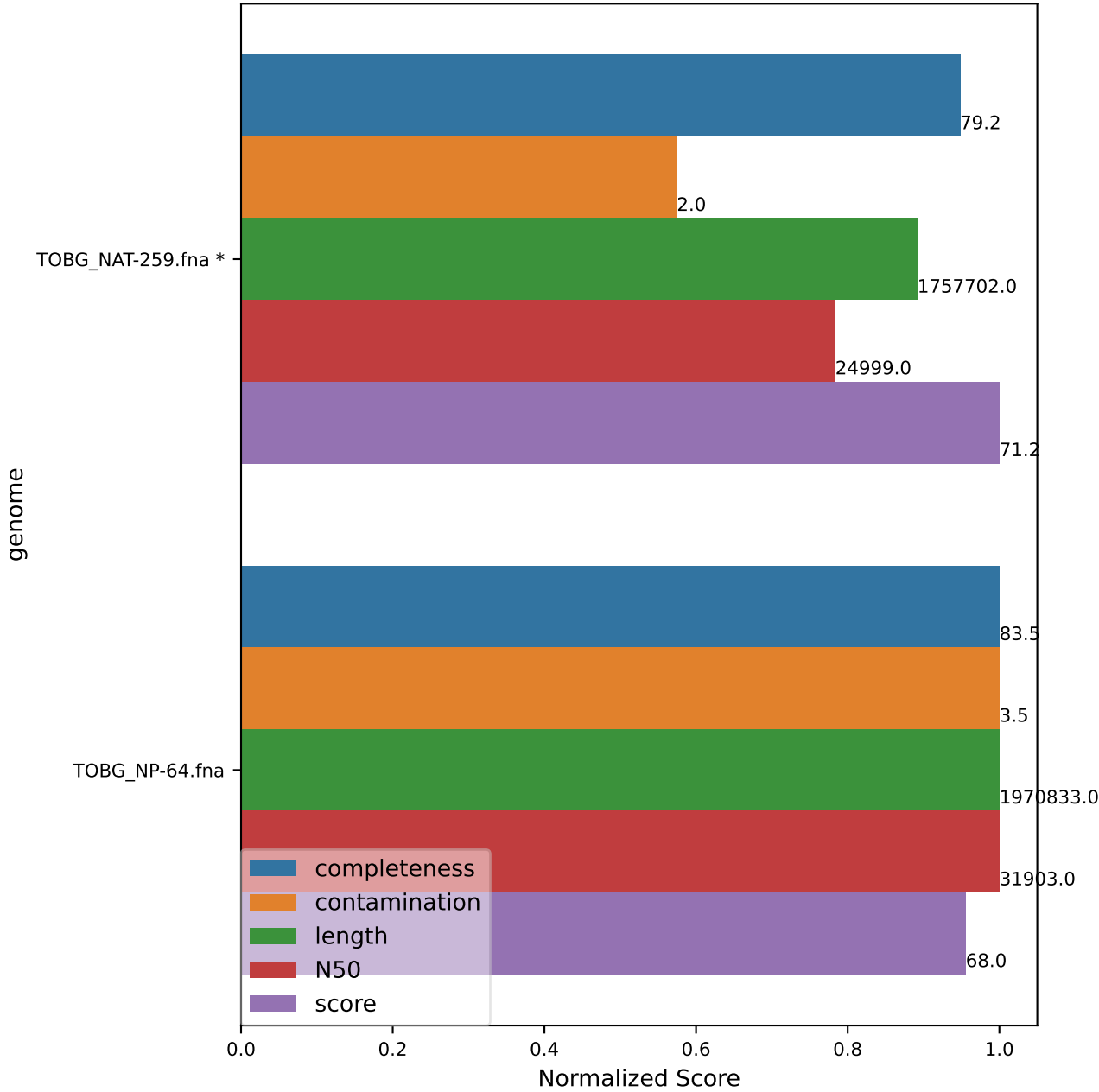
Scoring of cluster 935\_0

genome

TOBG\_NAT-686.fna \*



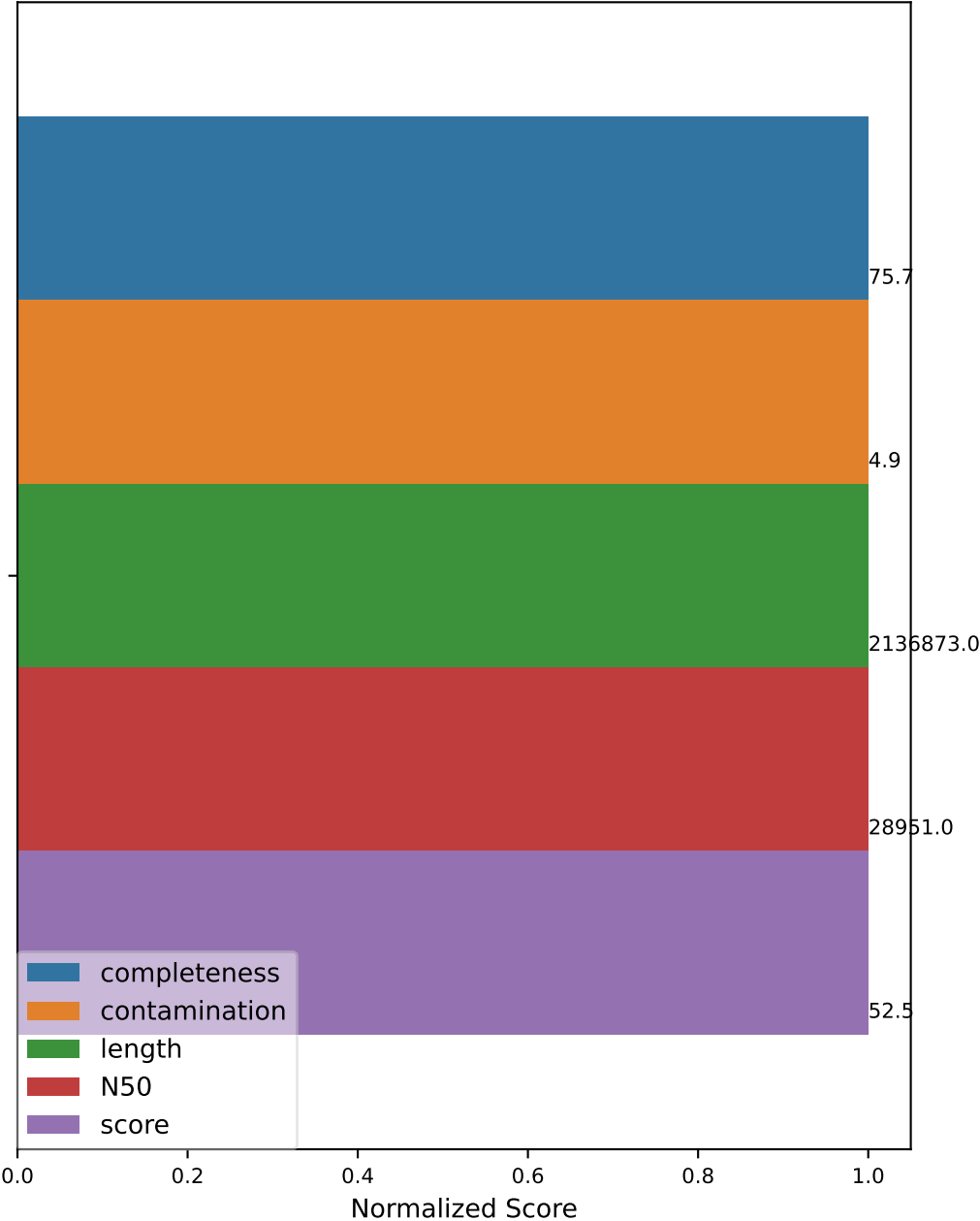
Scoring of cluster 936\_1



Scoring of cluster 937\_0

genome

TOBG\_MED-828.fna \*

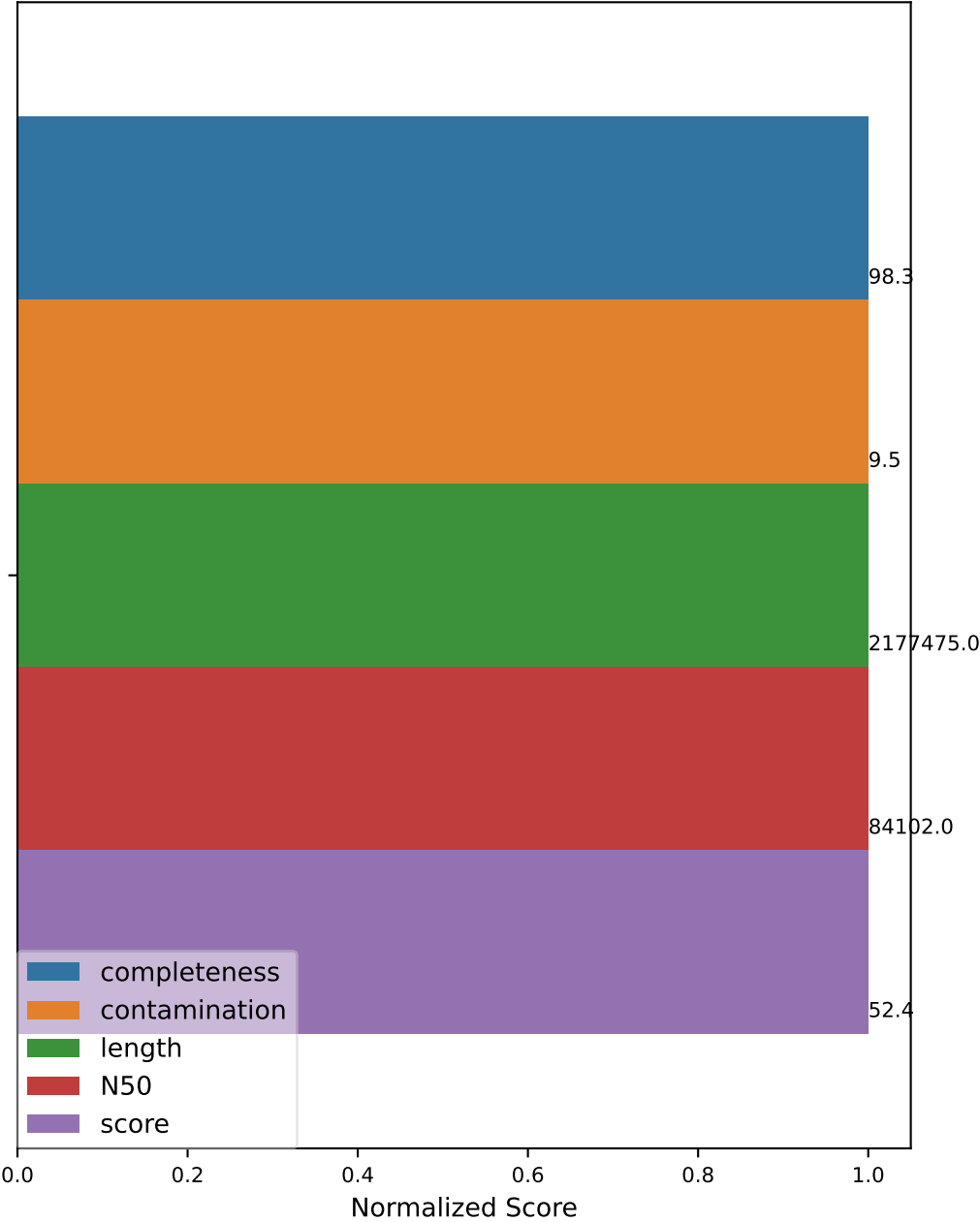




Scoring of cluster 938\_0

genome

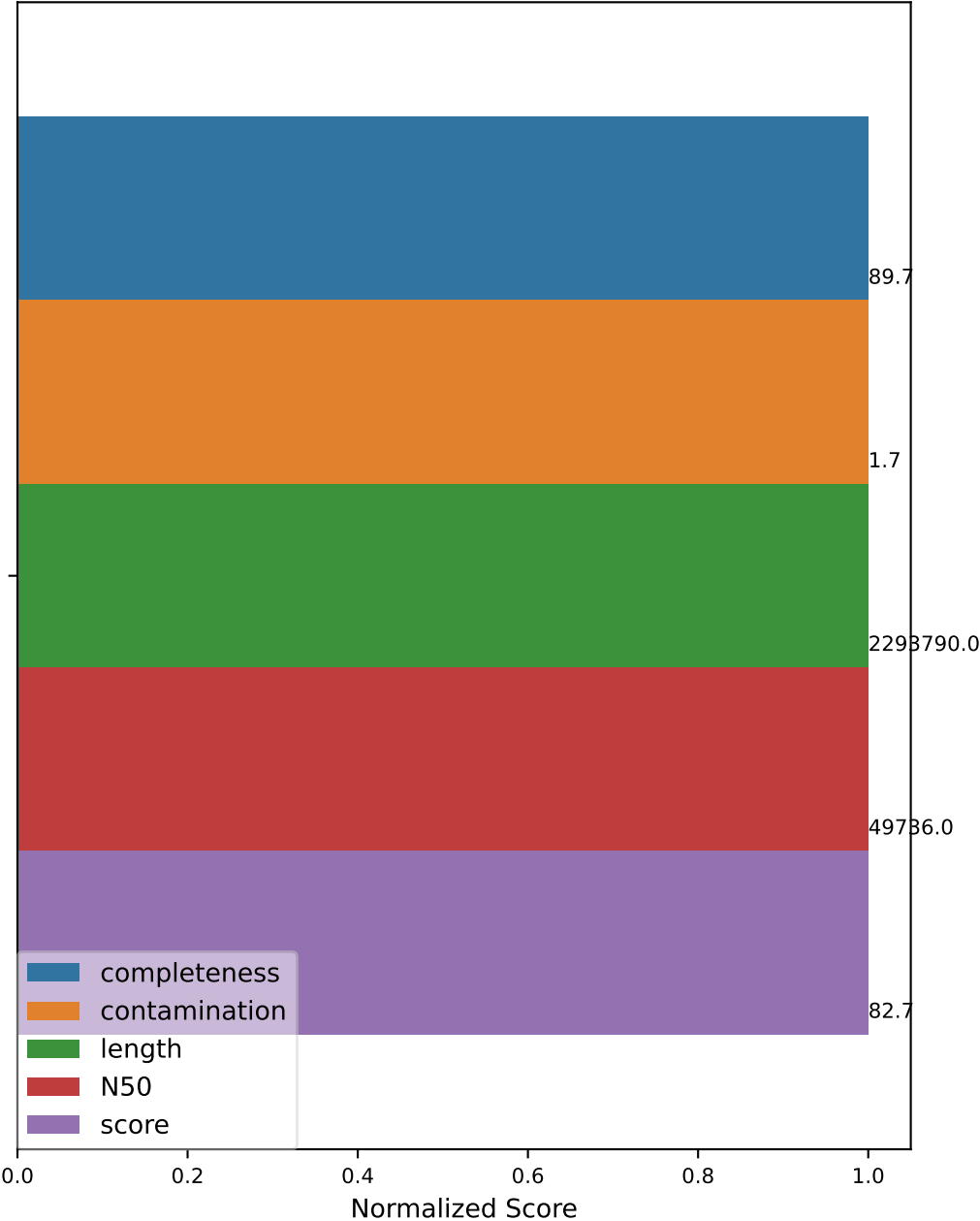
TOBG\_SAT-17.fna \*



Scoring of cluster 939\_0

genome

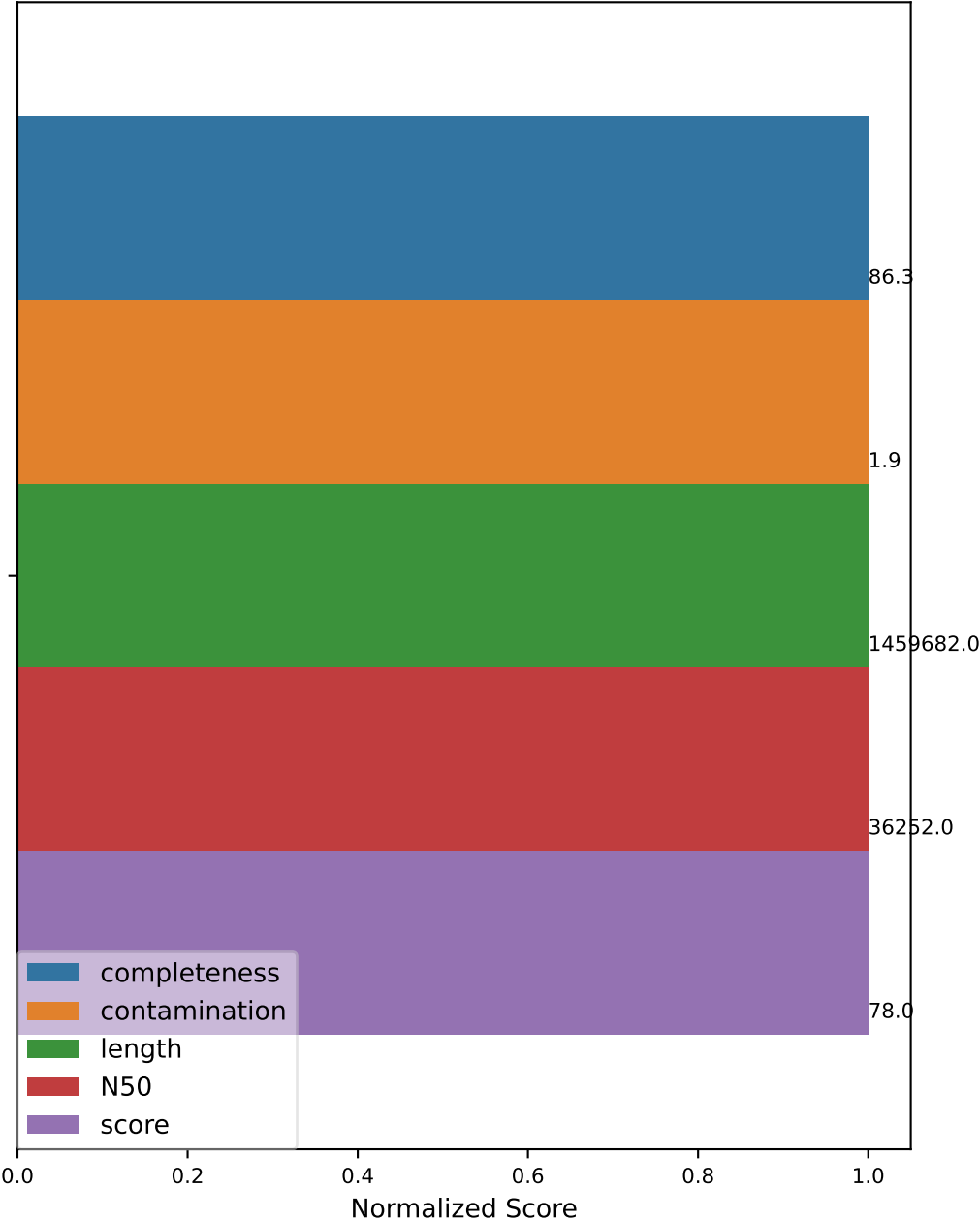
TOBG\_SP-362.fna \*



Scoring of cluster 940\_0

genome

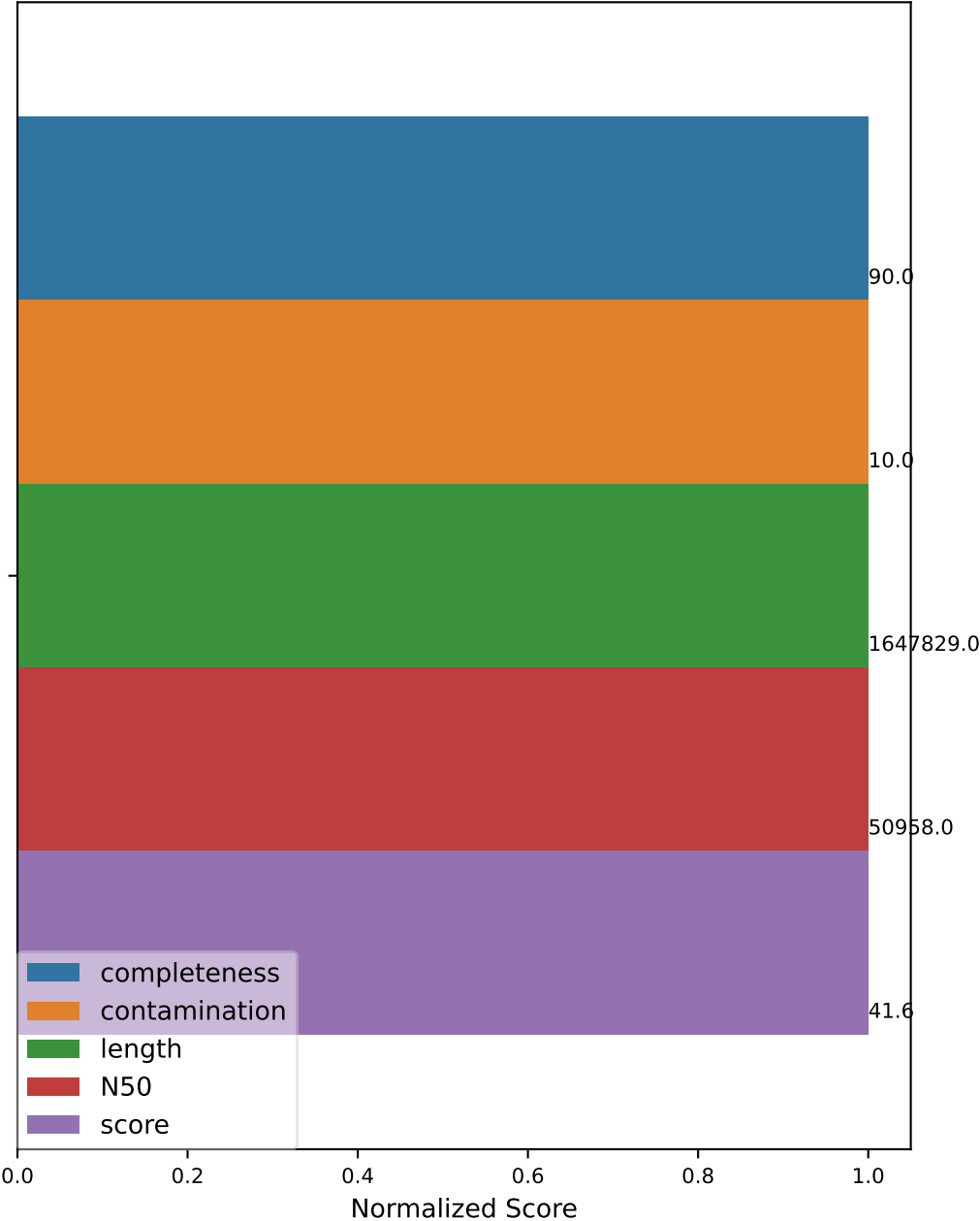
TOBG\_SAT-137.fna \*



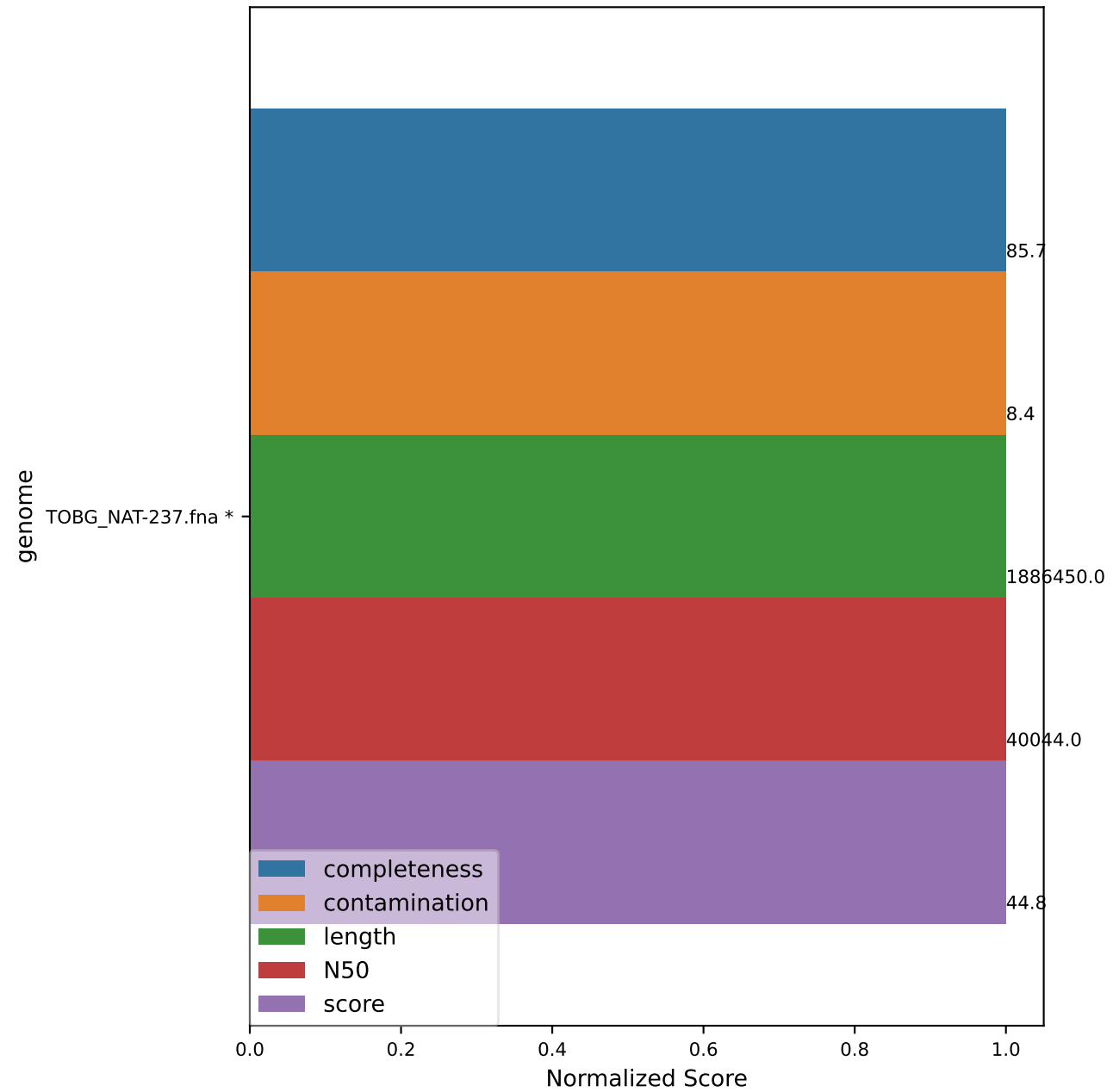
Scoring of cluster 941\_0

genome

TOBG\_MED-809.fna \*



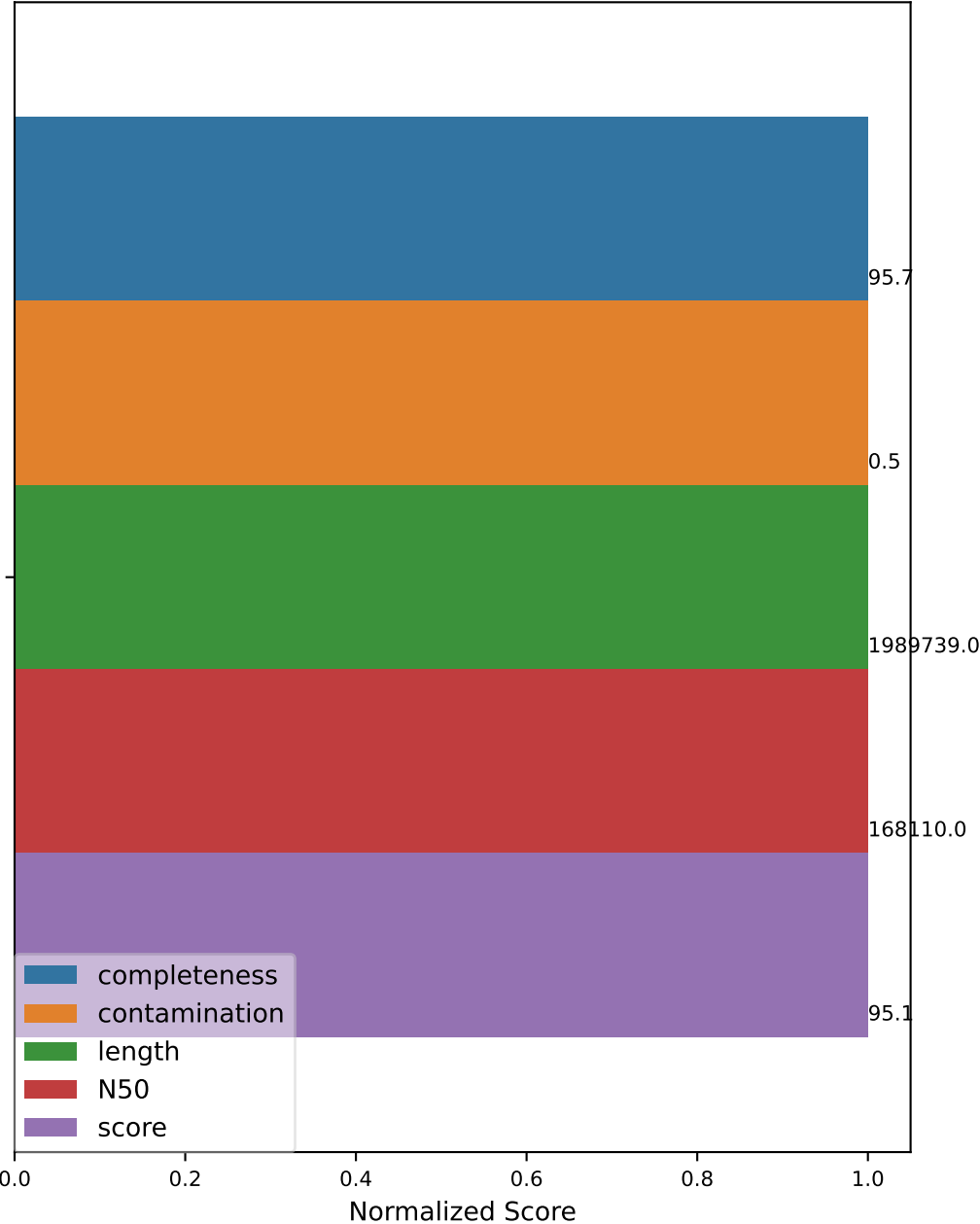
Scoring of cluster 942\_0



Scoring of cluster 943\_0

genome

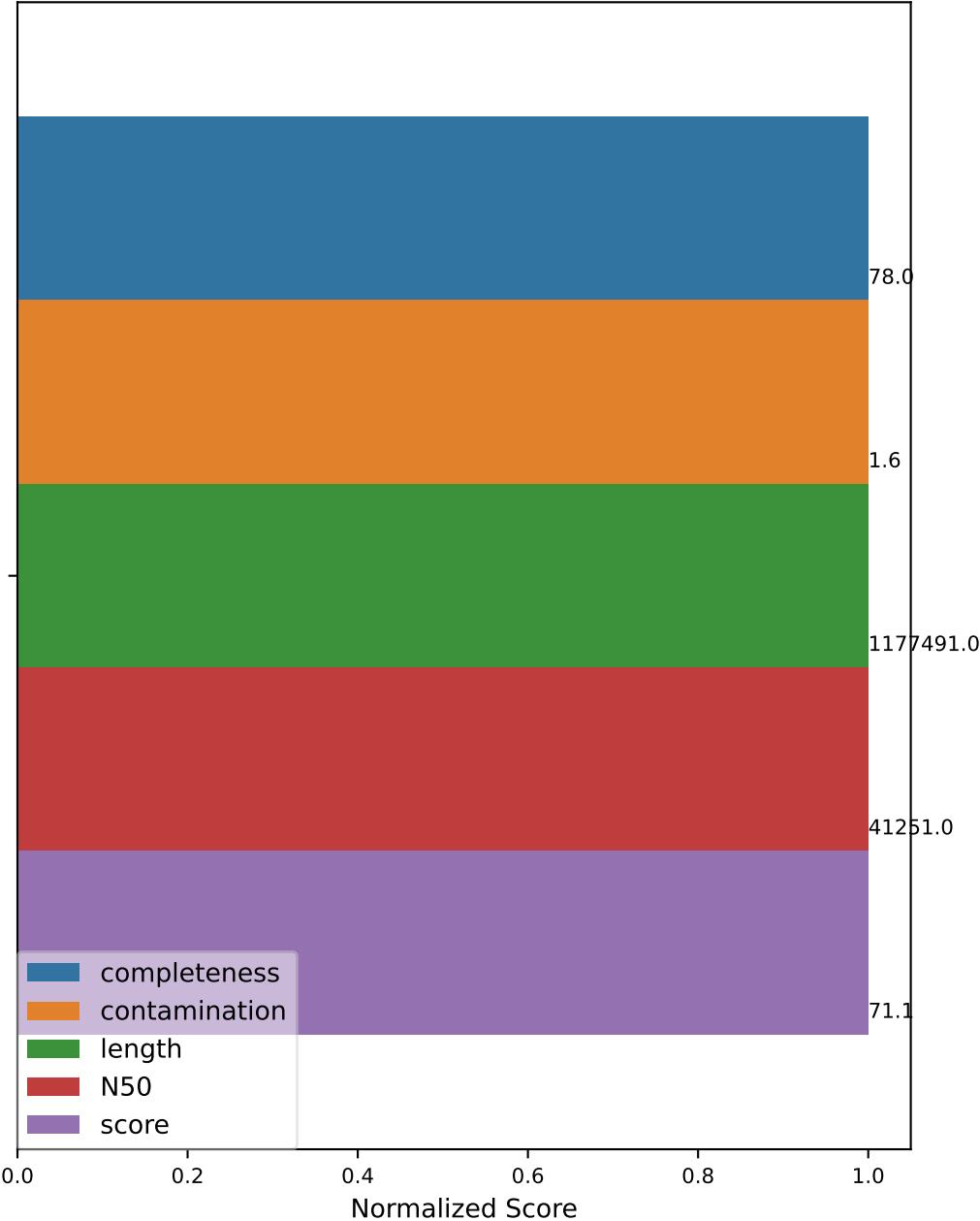
TOBG\_MED-765.fna \*



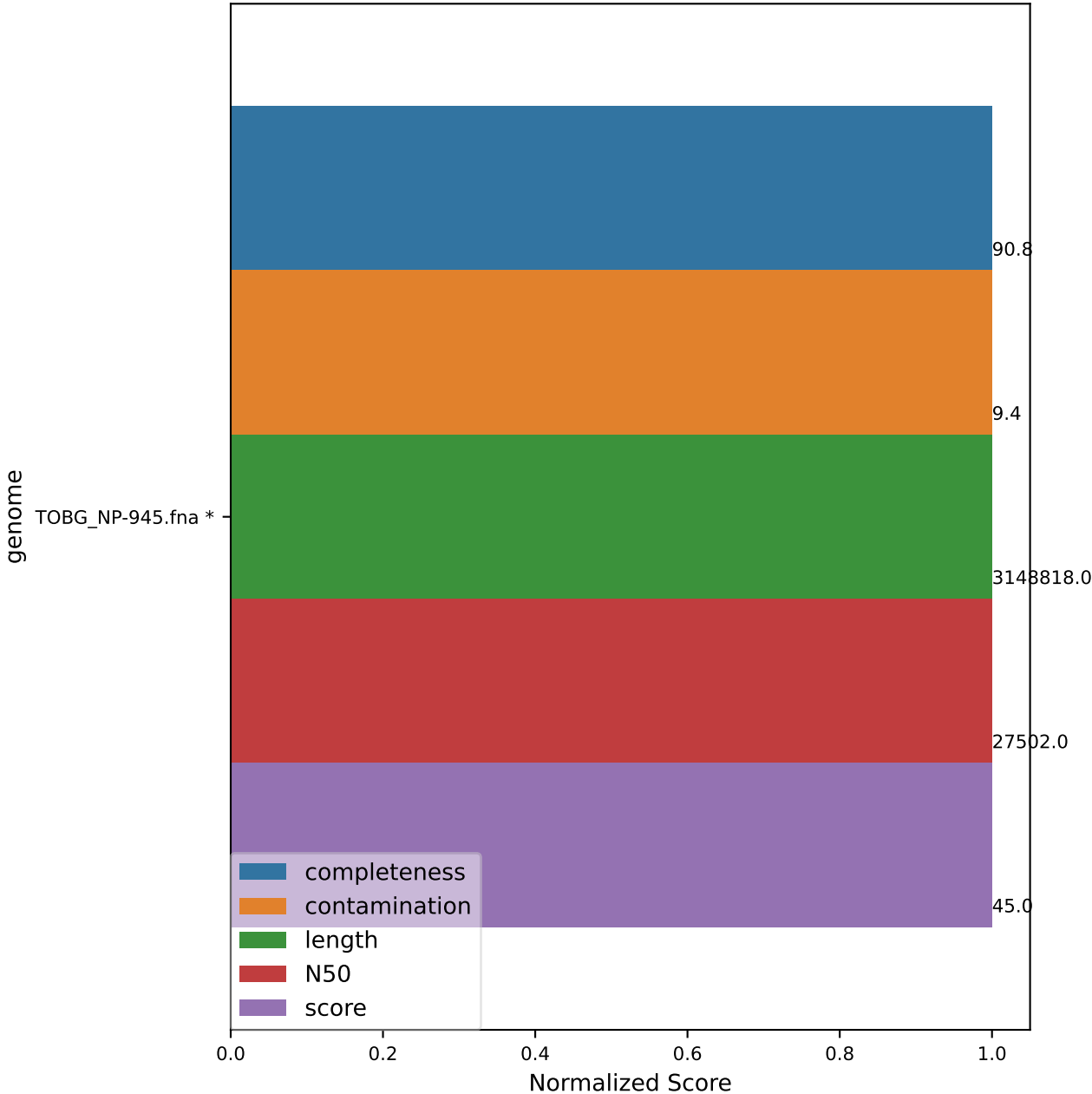
Scoring of cluster 944\_0

genome

TOBG\_SAT-197.fna \*

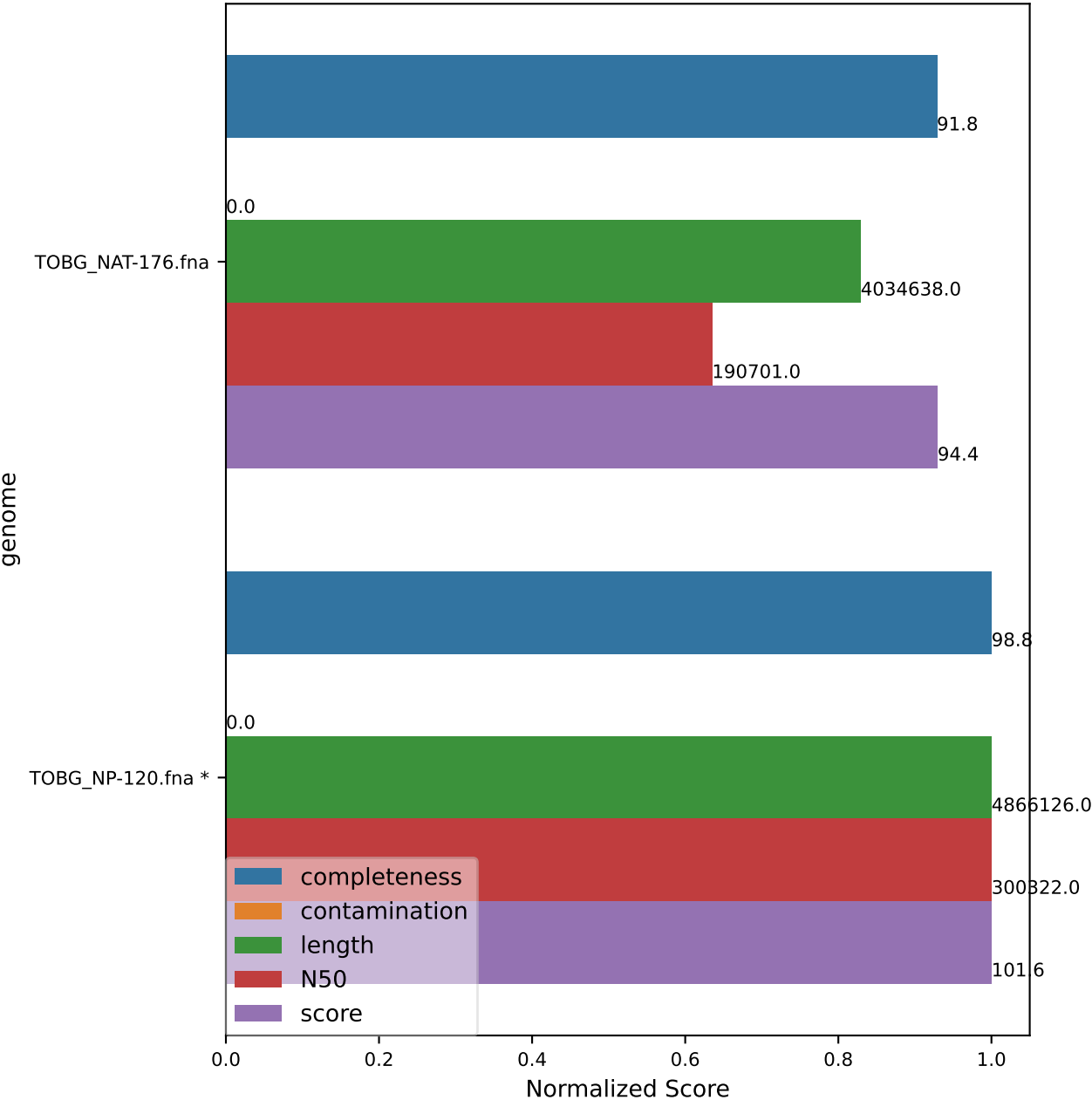


Scoring of cluster 945\_0





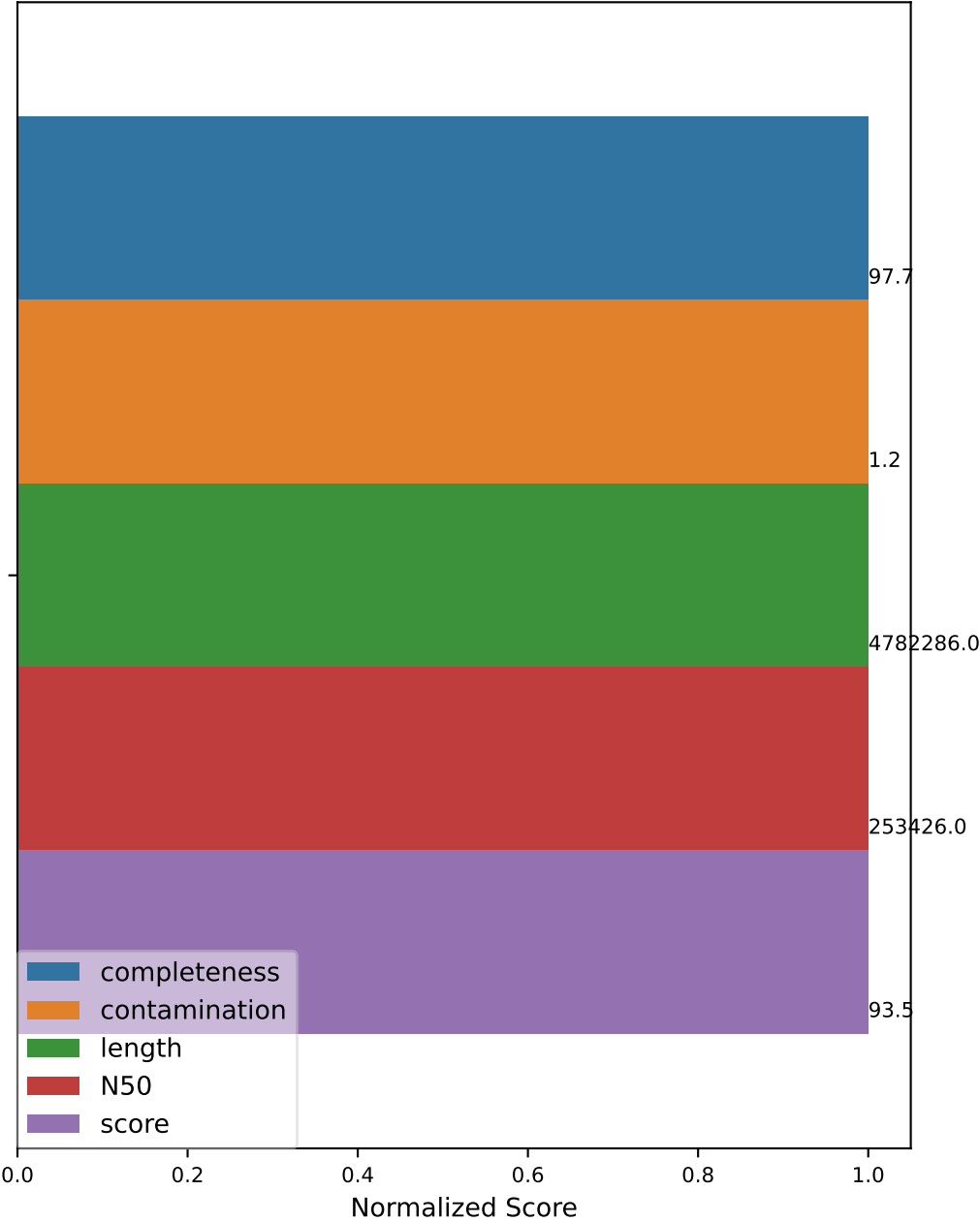
Scoring of cluster 946\_1



Scoring of cluster 947\_0

genome

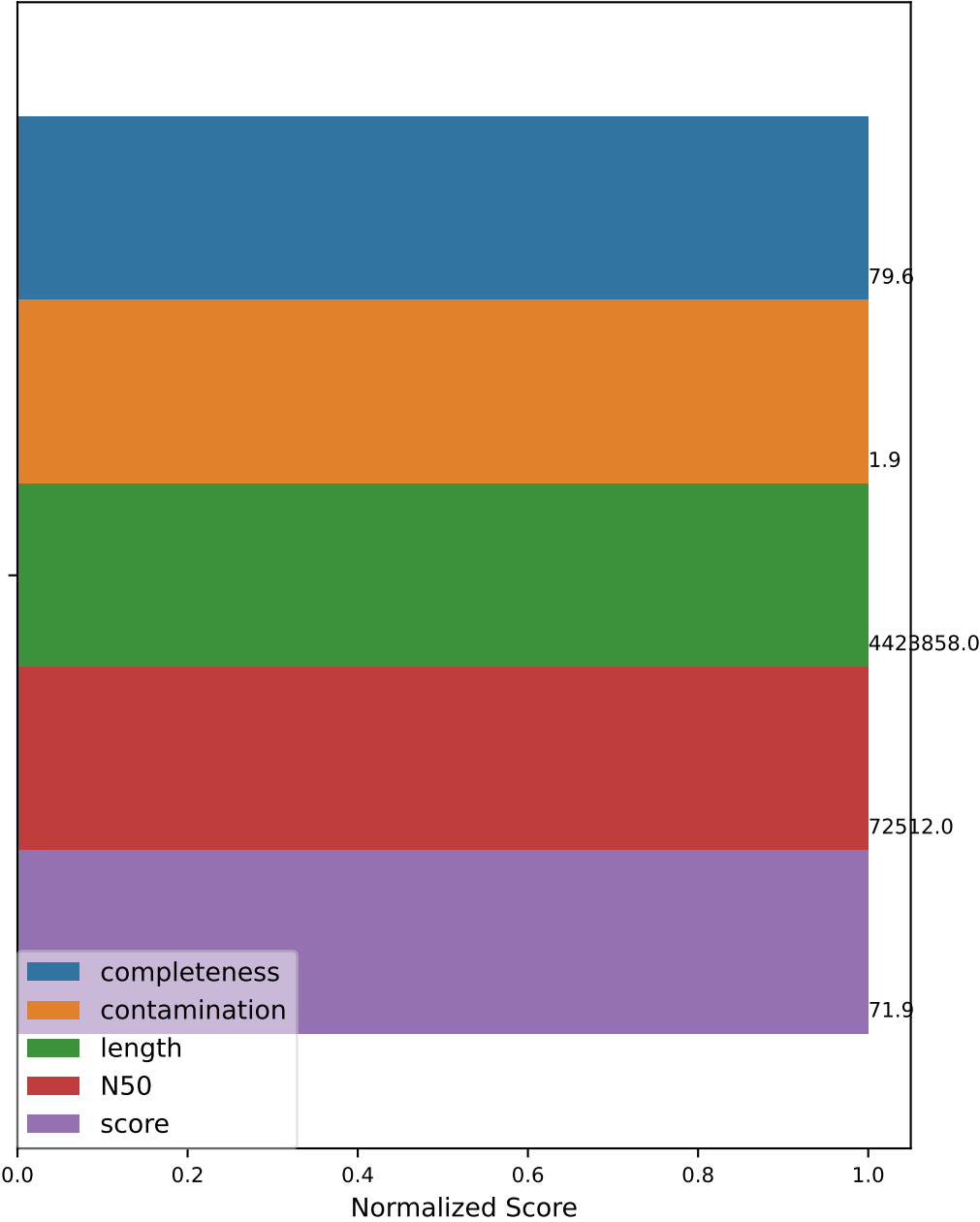
TOBG\_NP-47.fna \*



Scoring of cluster 948\_0

genome

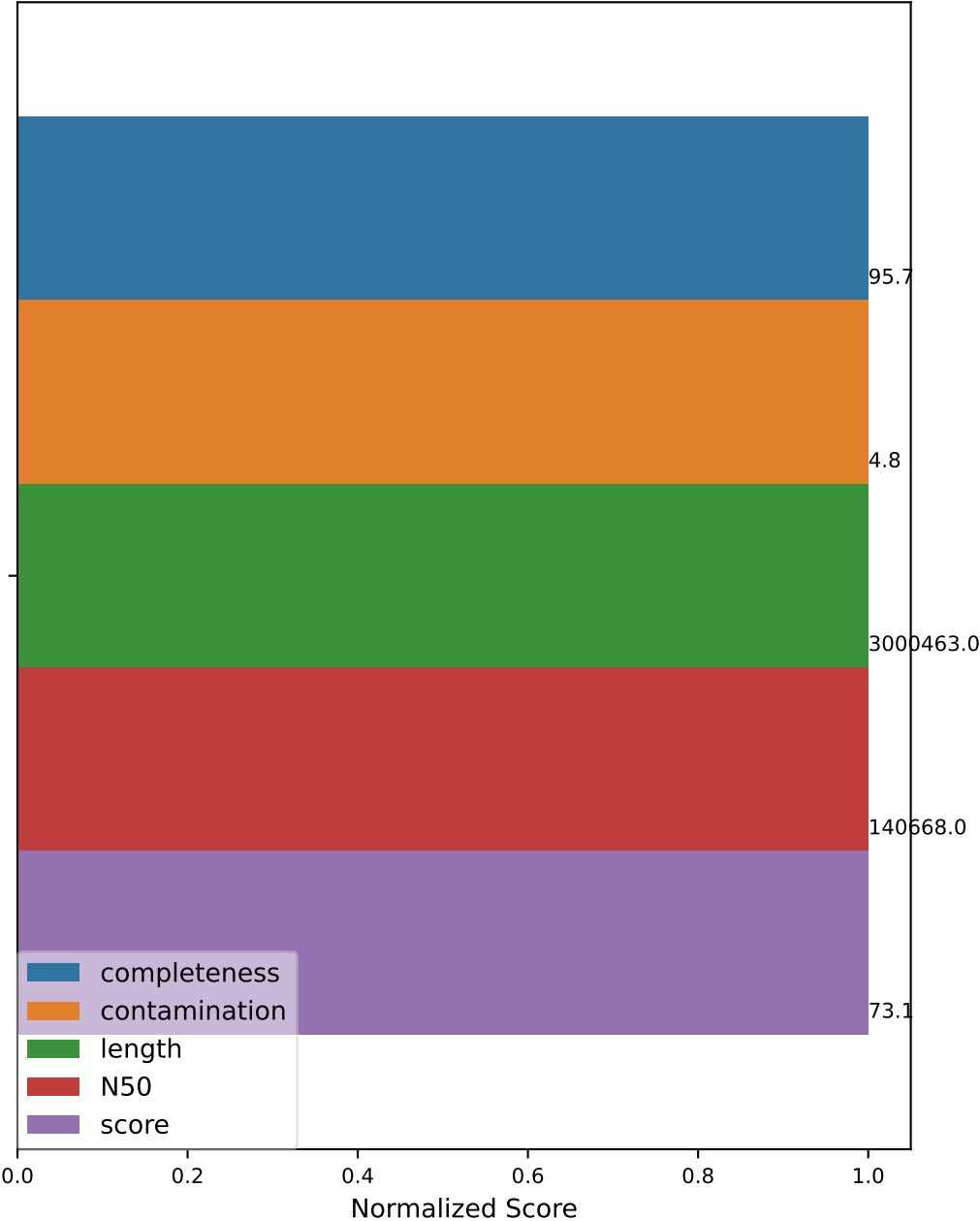
TOBG\_SP-332.fna \*



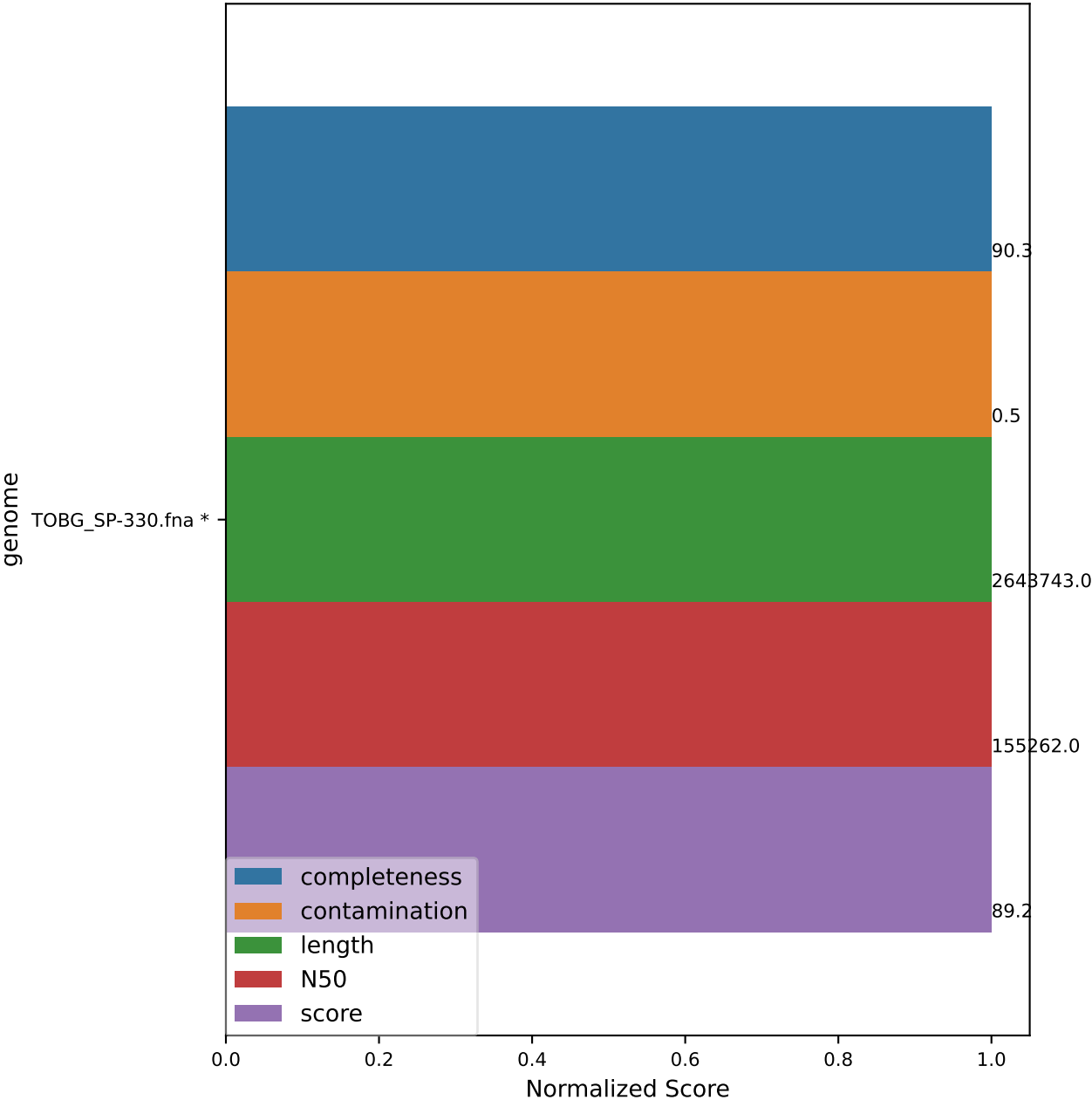
Scoring of cluster 949\_0

genome

TOBG\_SP-250.fna \*



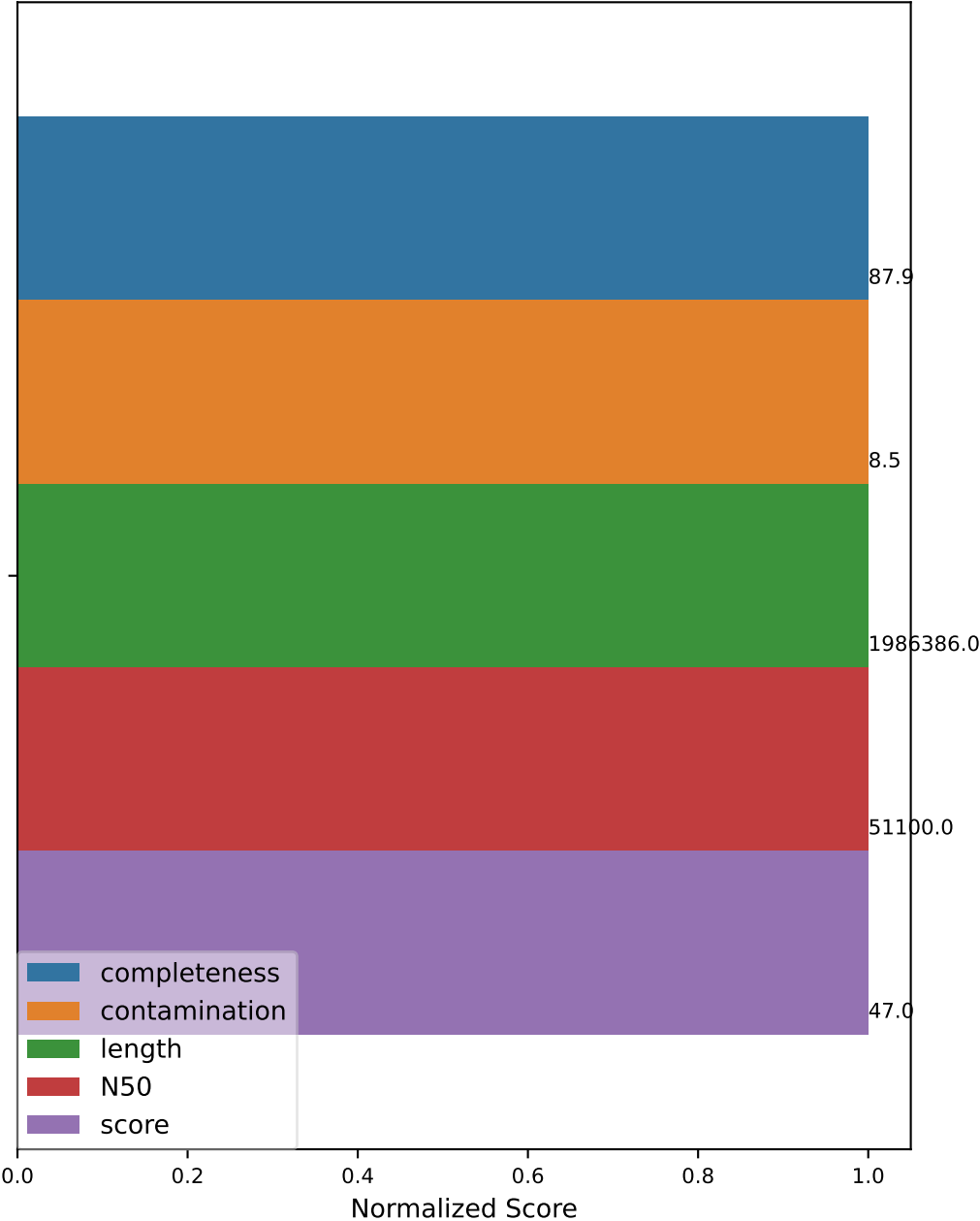
Scoring of cluster 950\_0



Scoring of cluster 951\_0

genome

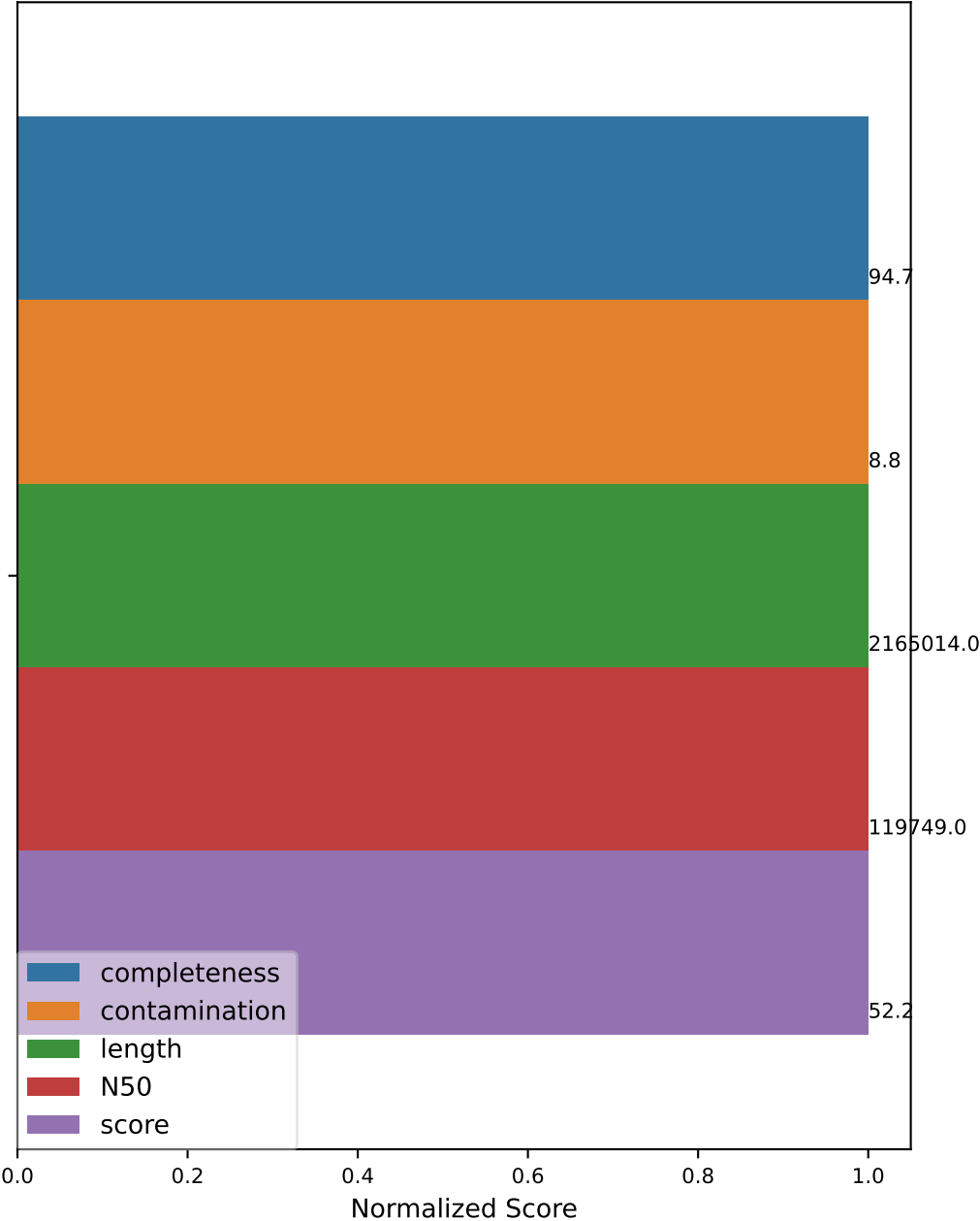
TOBG\_NAT-197.fna \*



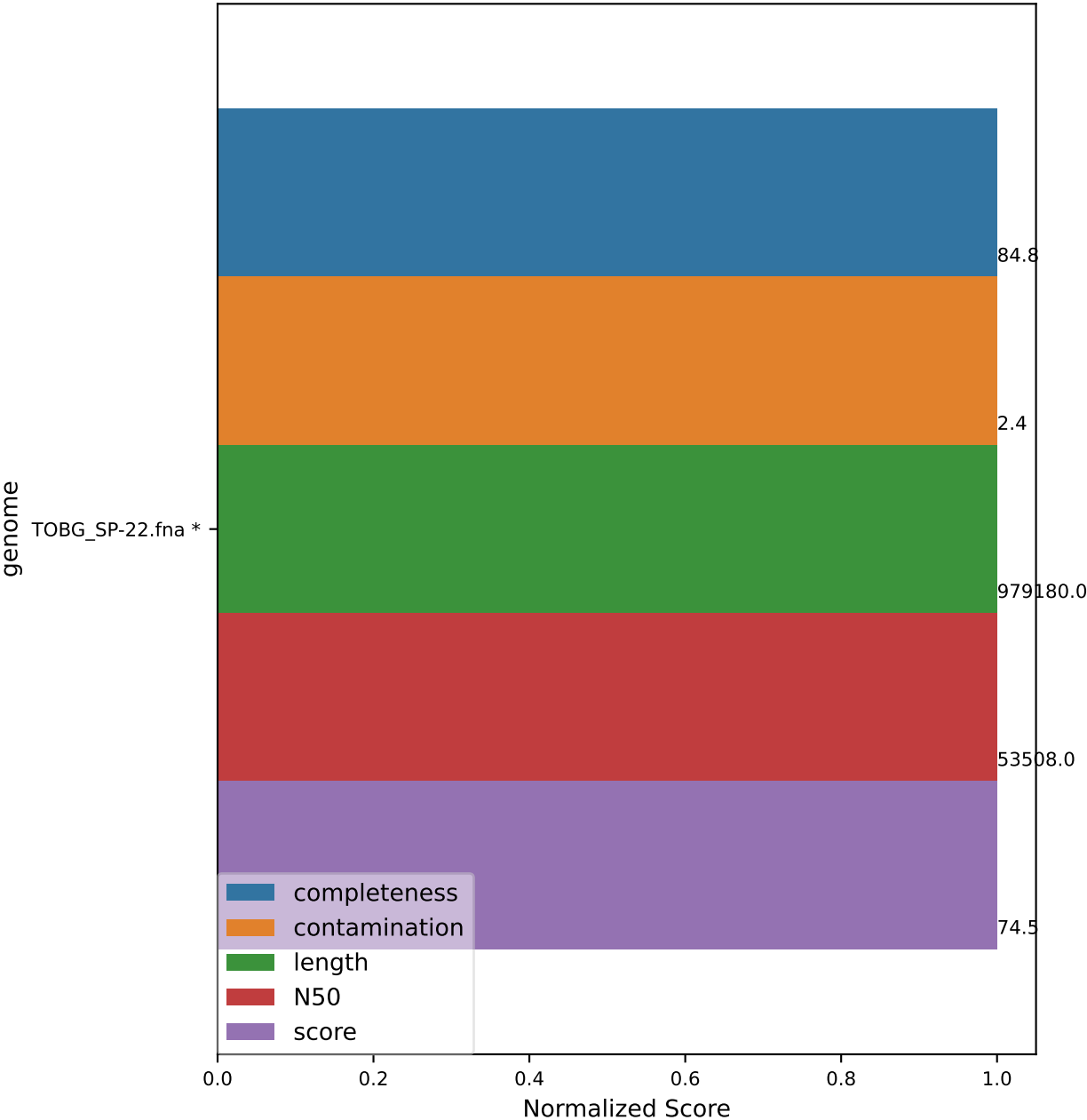
Scoring of cluster 952\_0

genome

TOBG\_MED-792.fna \*



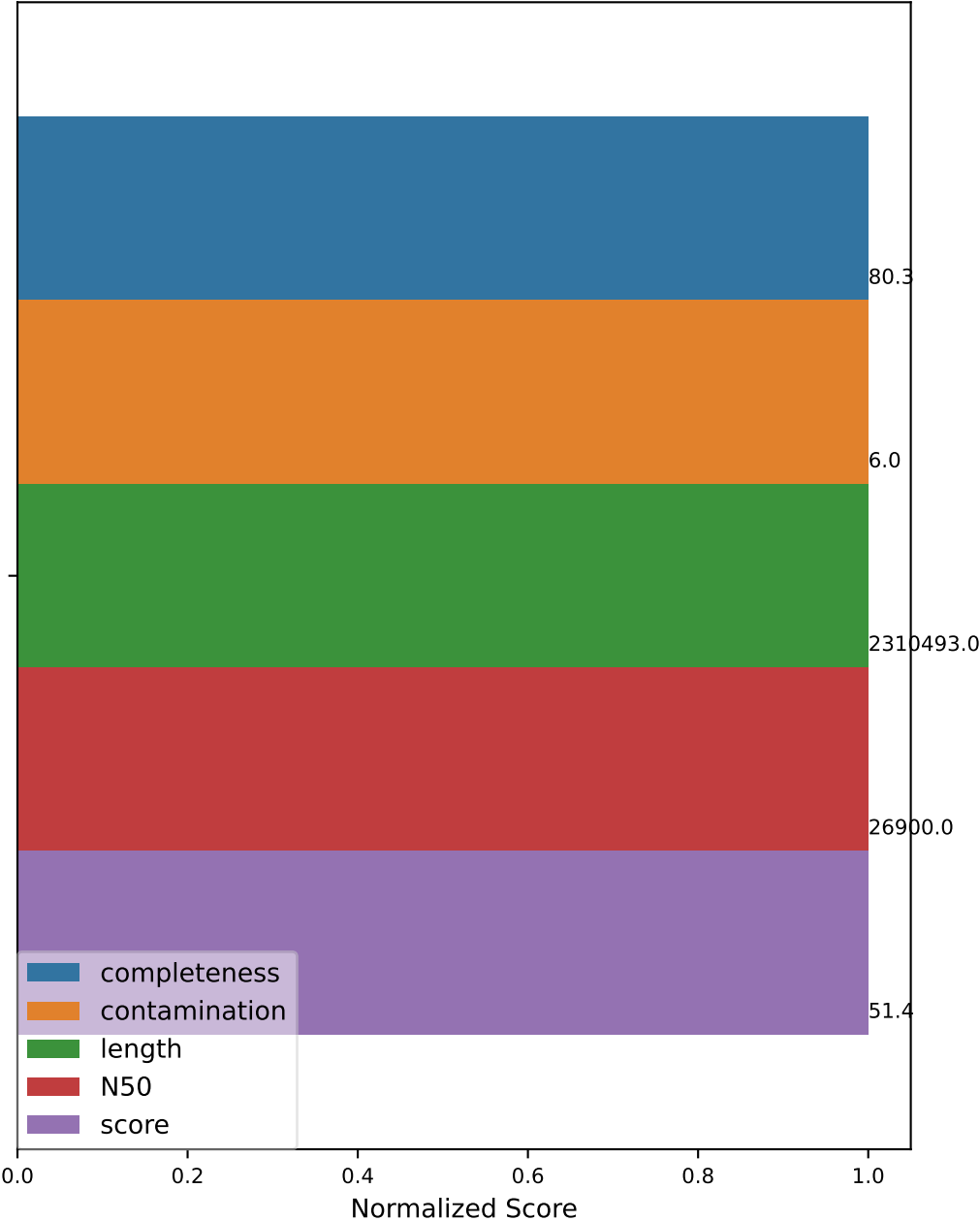
Scoring of cluster 953\_0





Scoring of cluster 954\_0

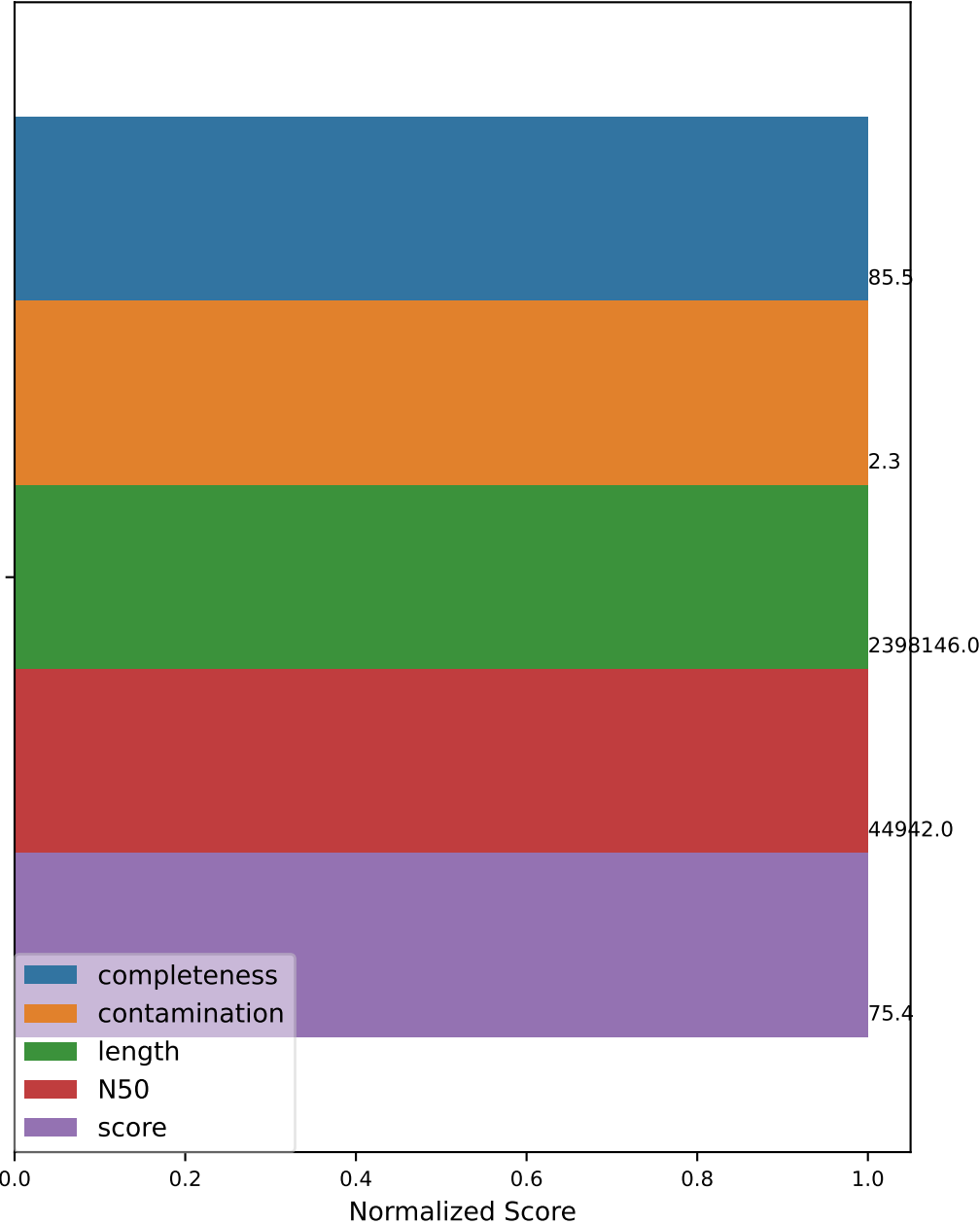
genome TOBG\_NP-150.fna \*

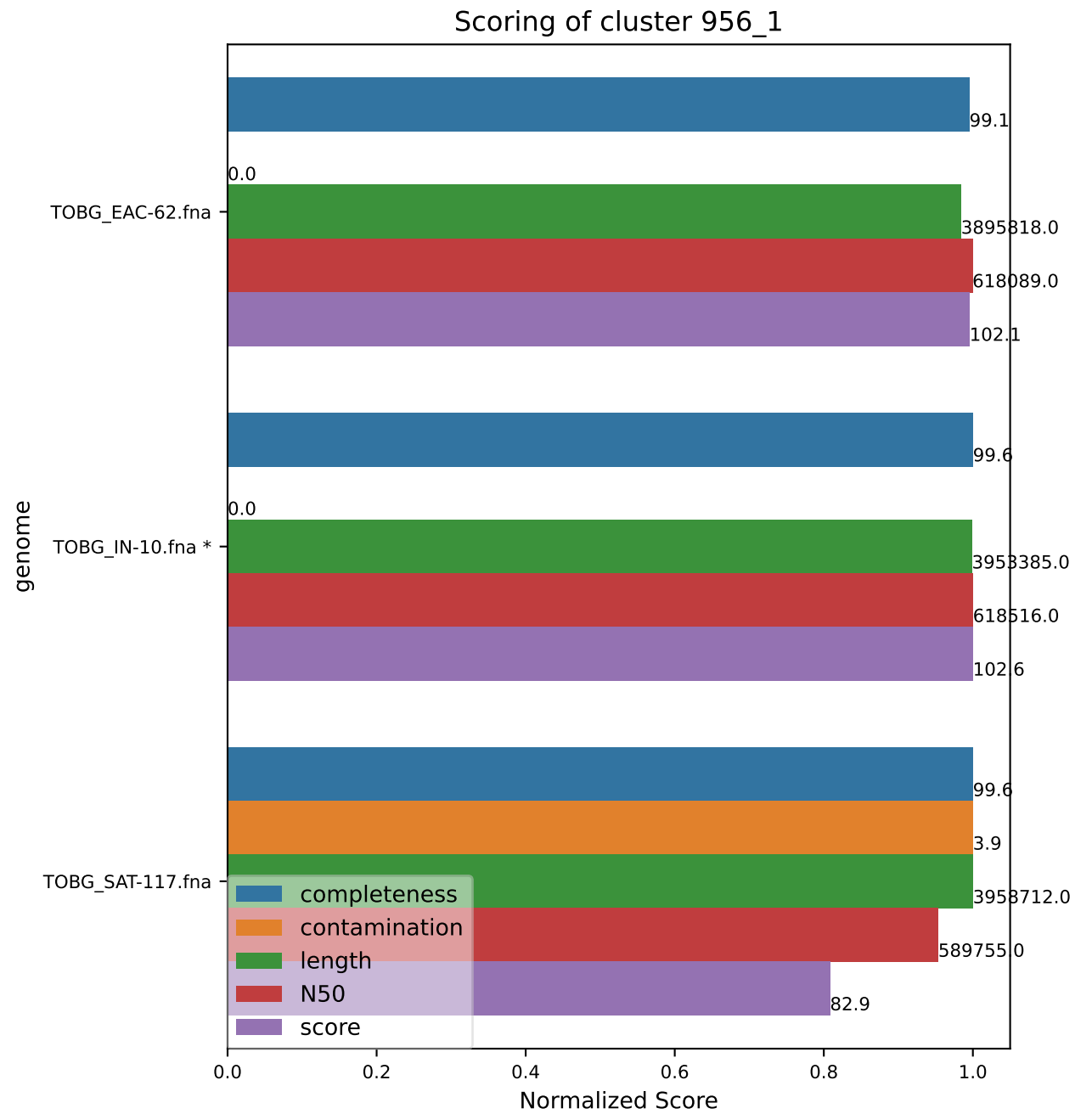


Scoring of cluster 955\_0

genome

TOBG\_RS-373.fna \*

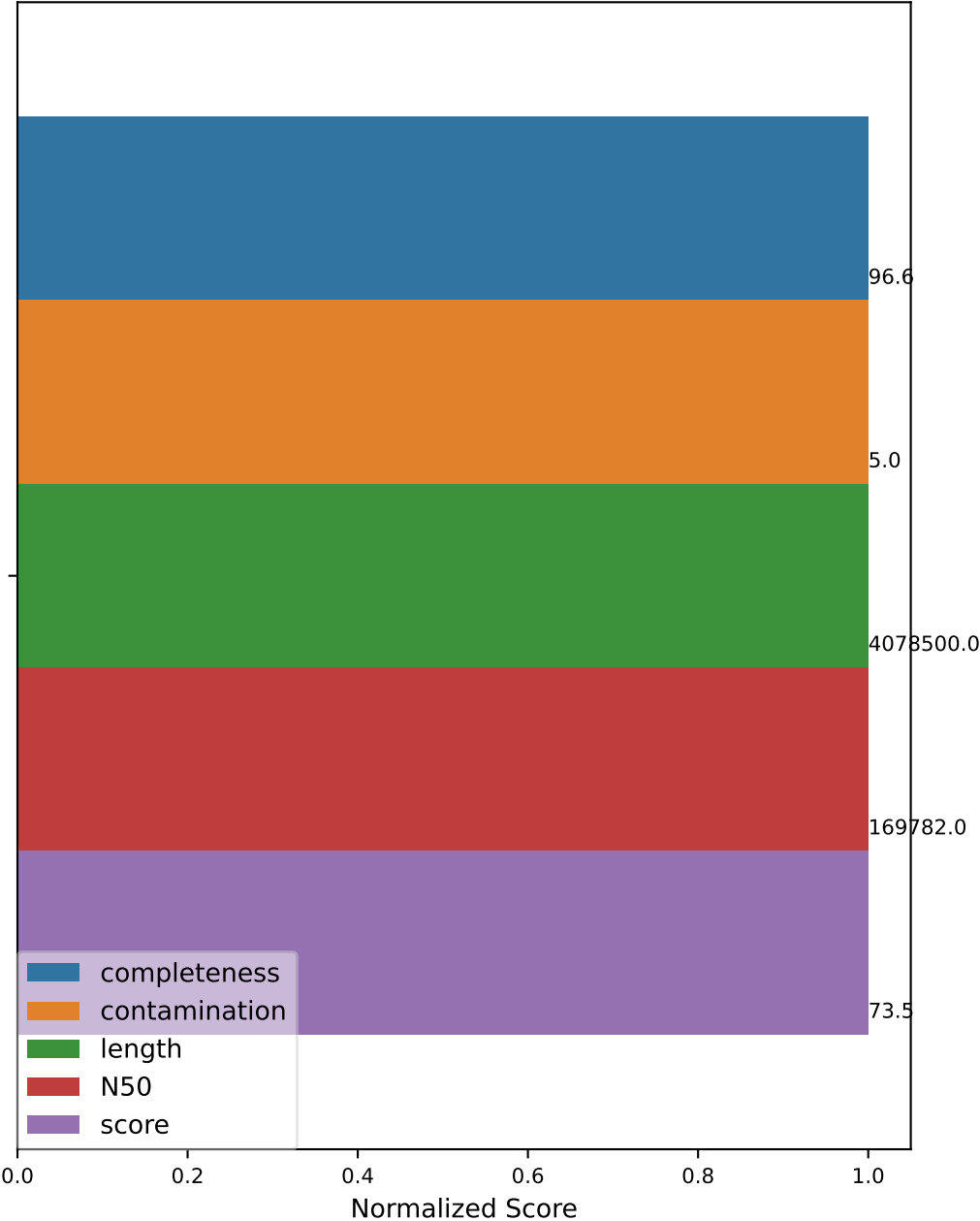




Scoring of cluster 957\_0

genome

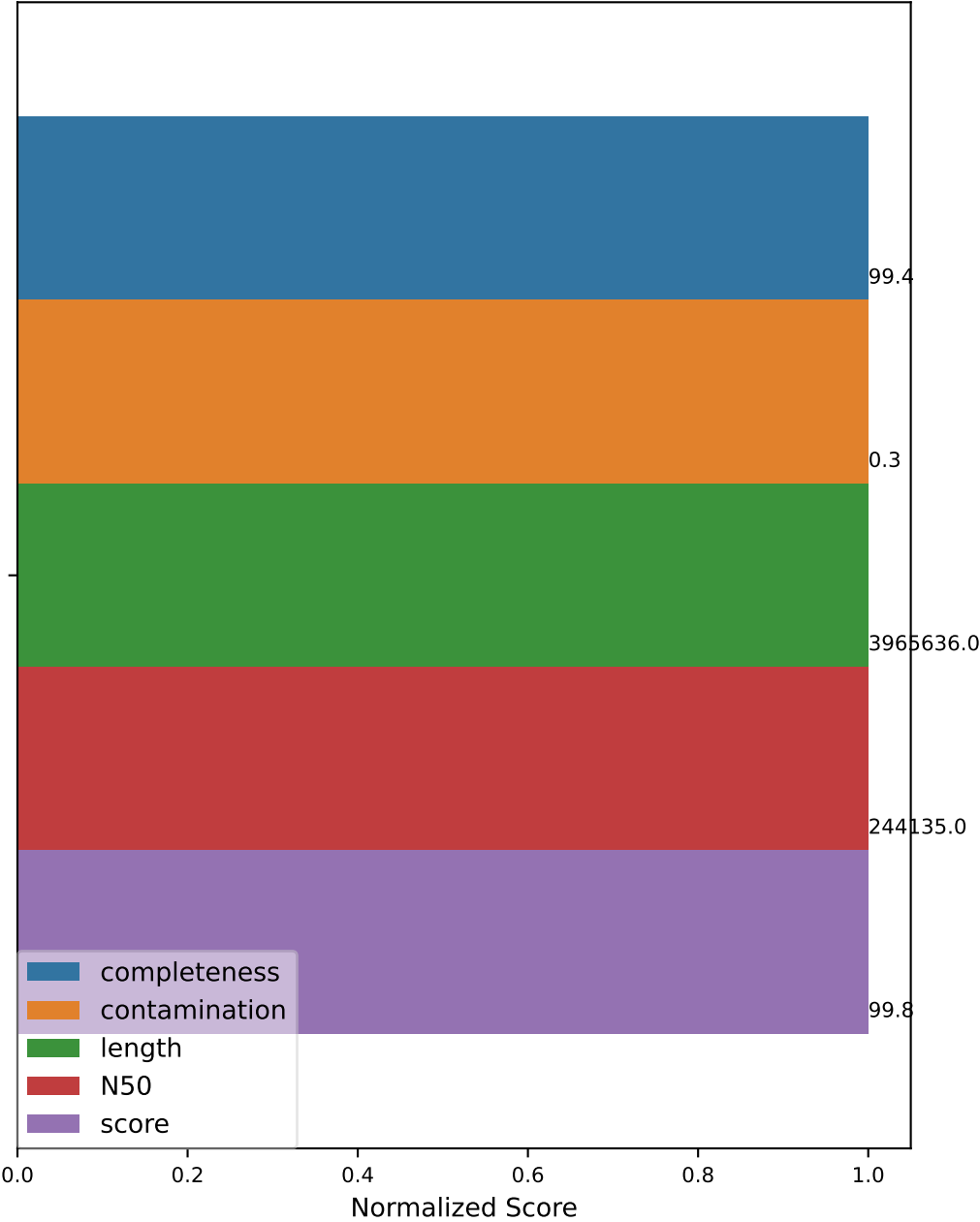
TOBG\_CPC-79.fna \*



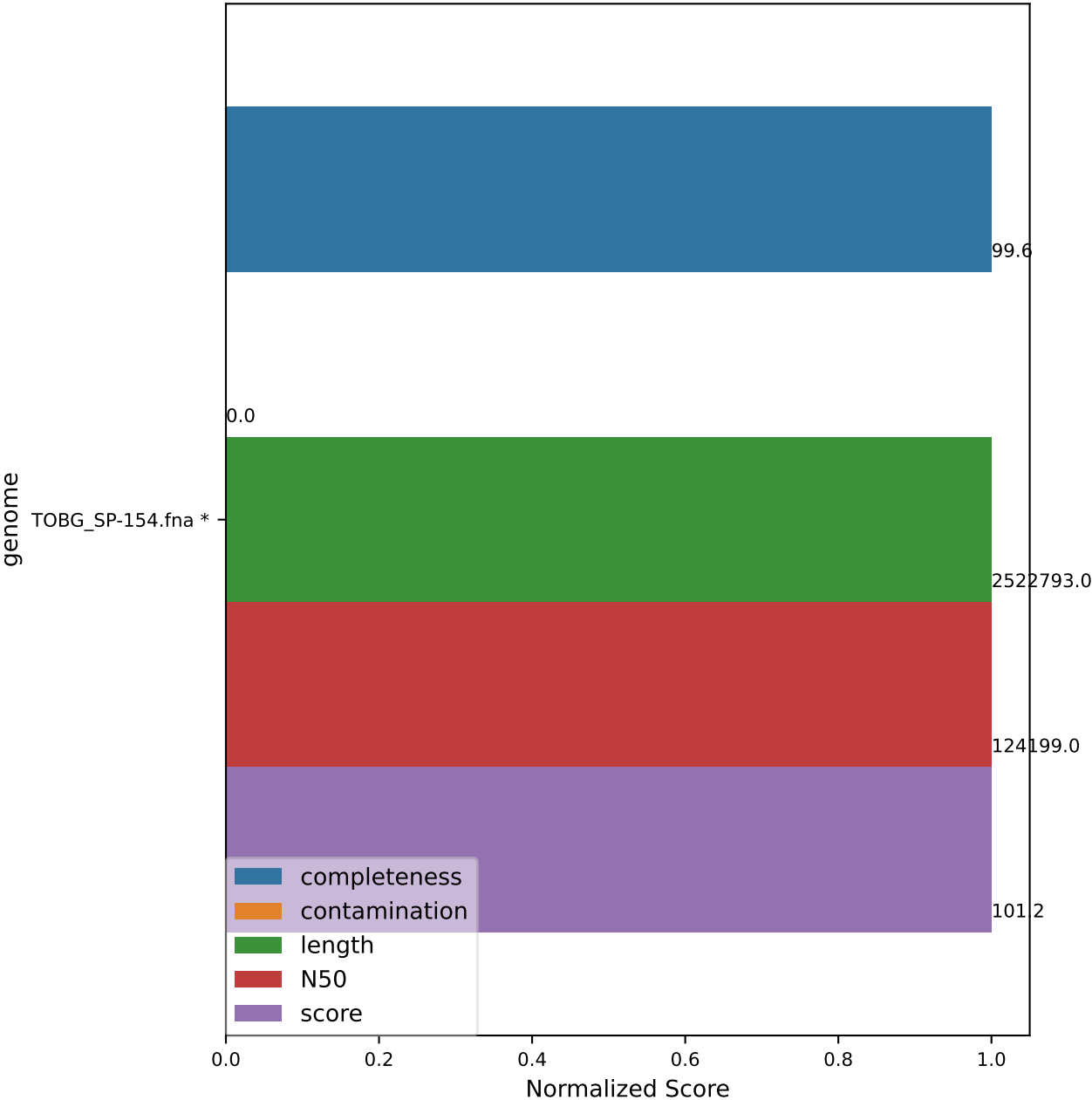
Scoring of cluster 958\_0

genome

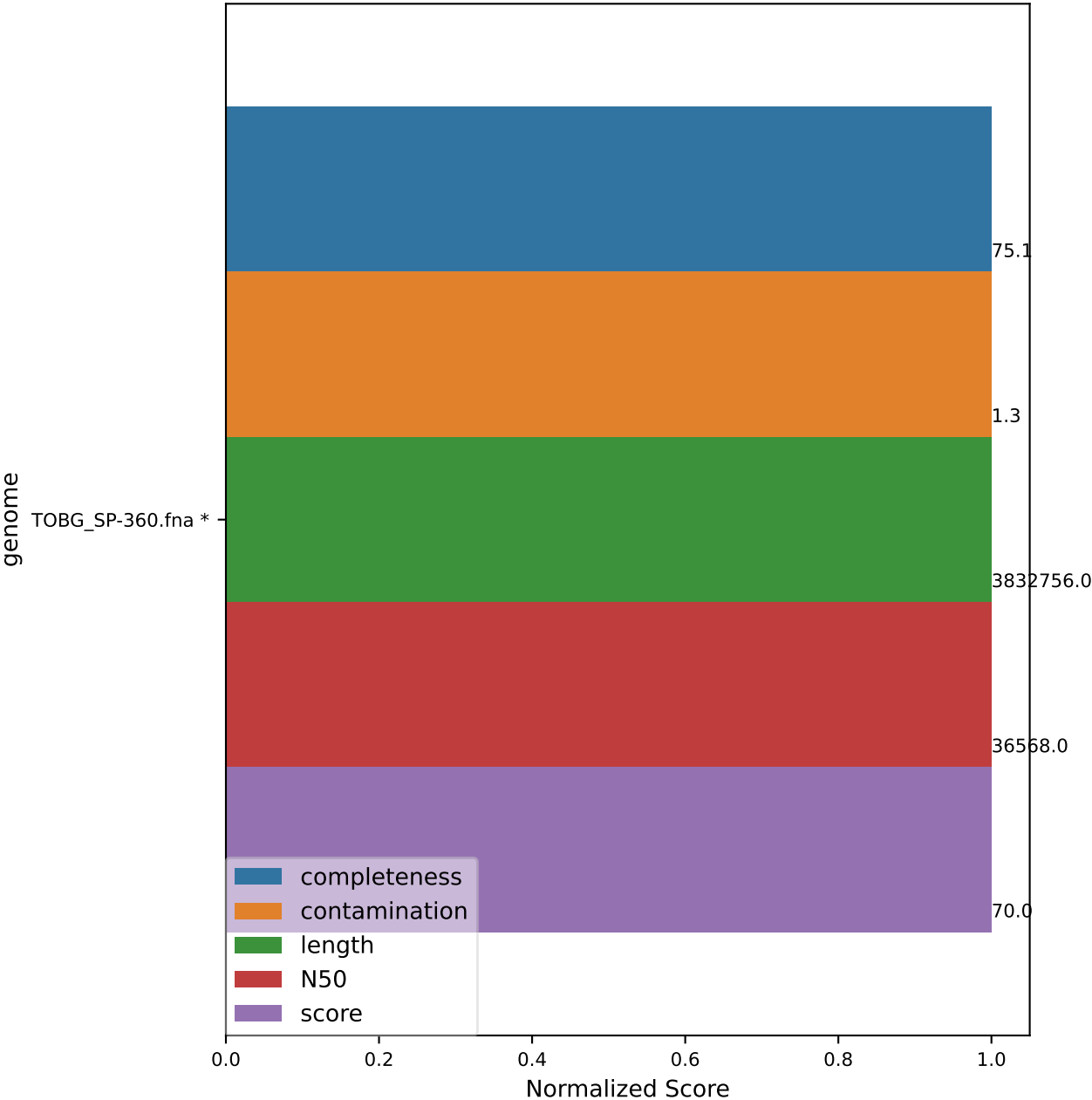
TOBG\_EAC-52.fna \*



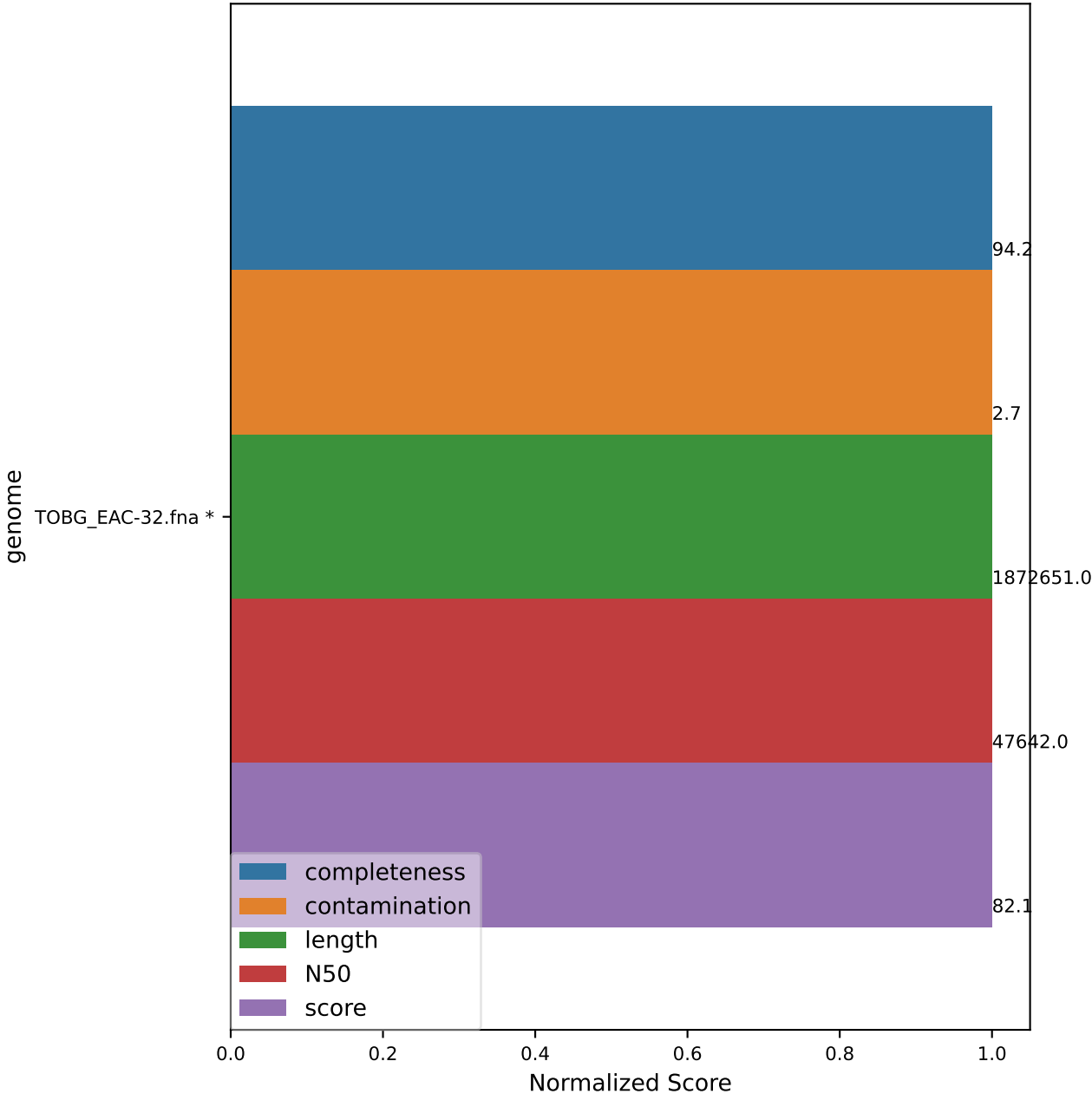
Scoring of cluster 959\_0



Scoring of cluster 960\_0

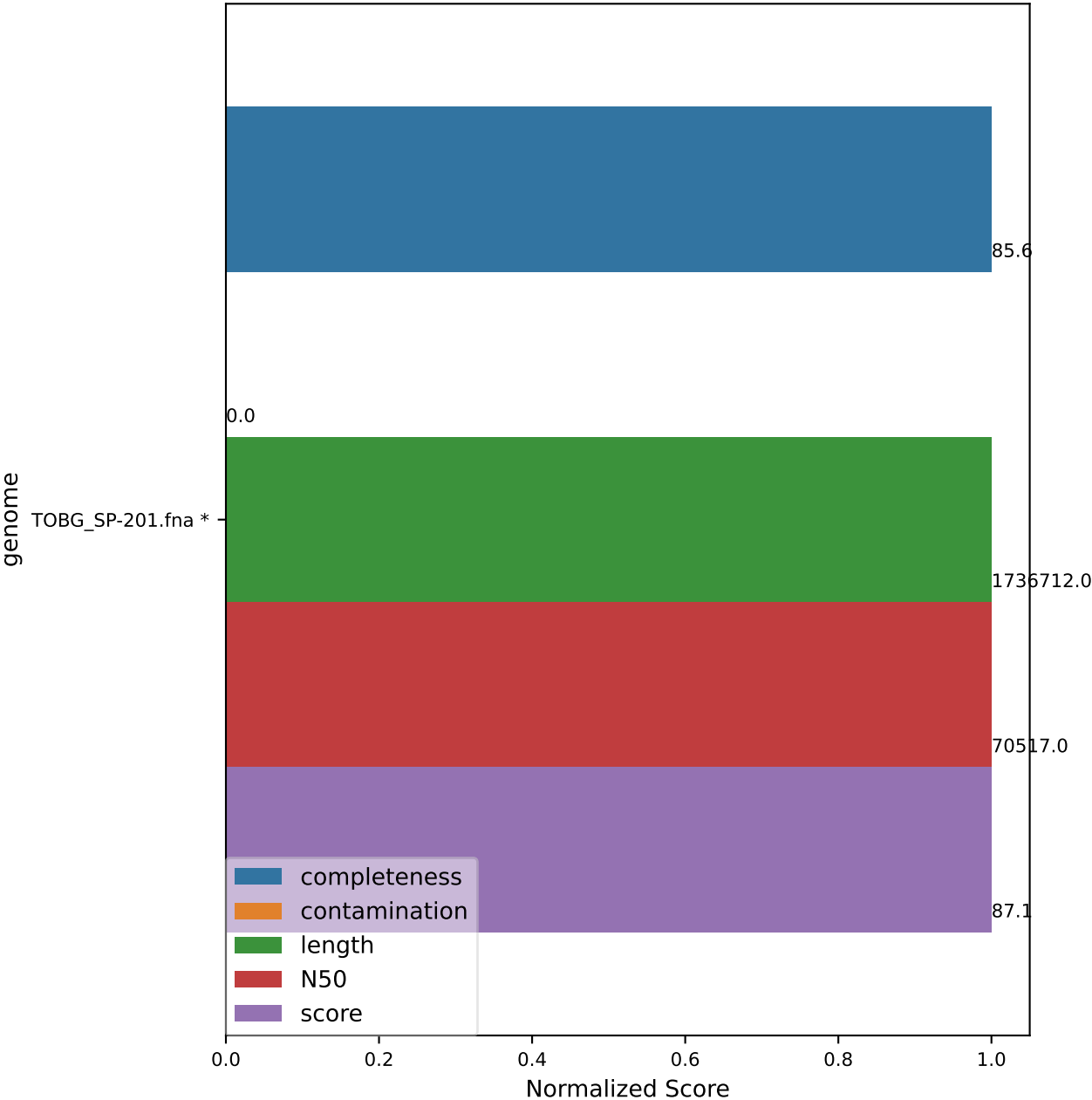


Scoring of cluster 961\_0





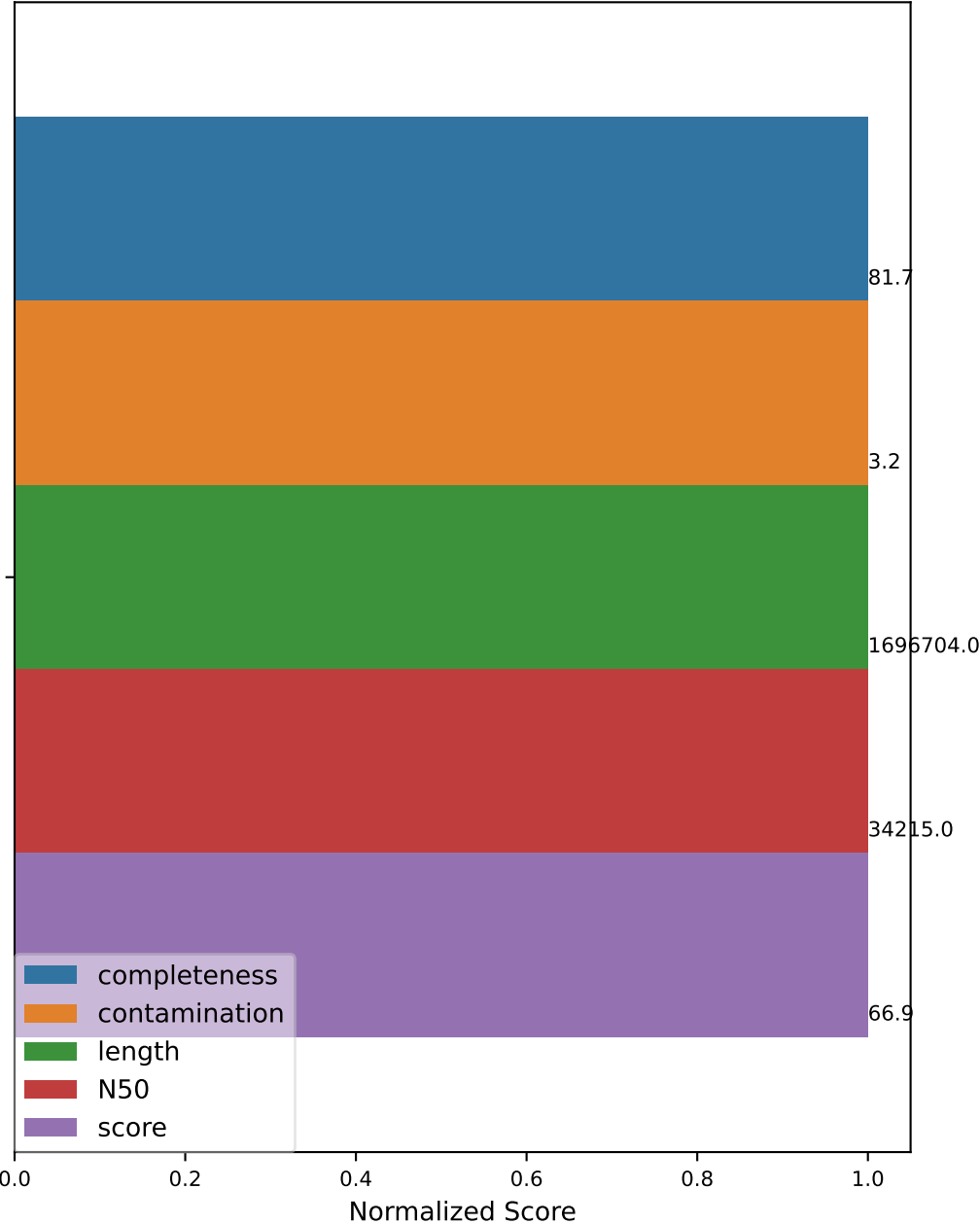
Scoring of cluster 962\_0



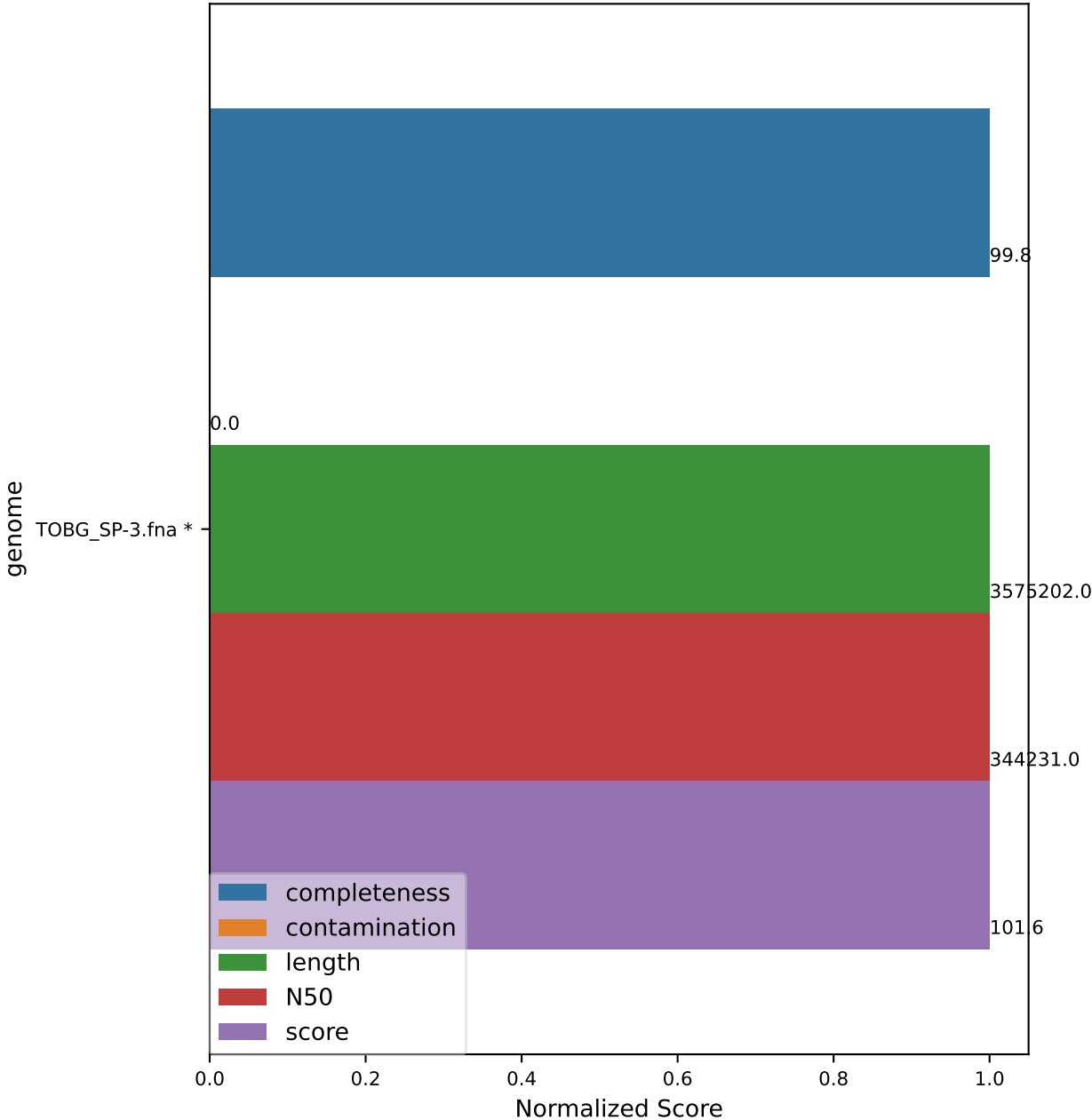
Scoring of cluster 963\_0

genome

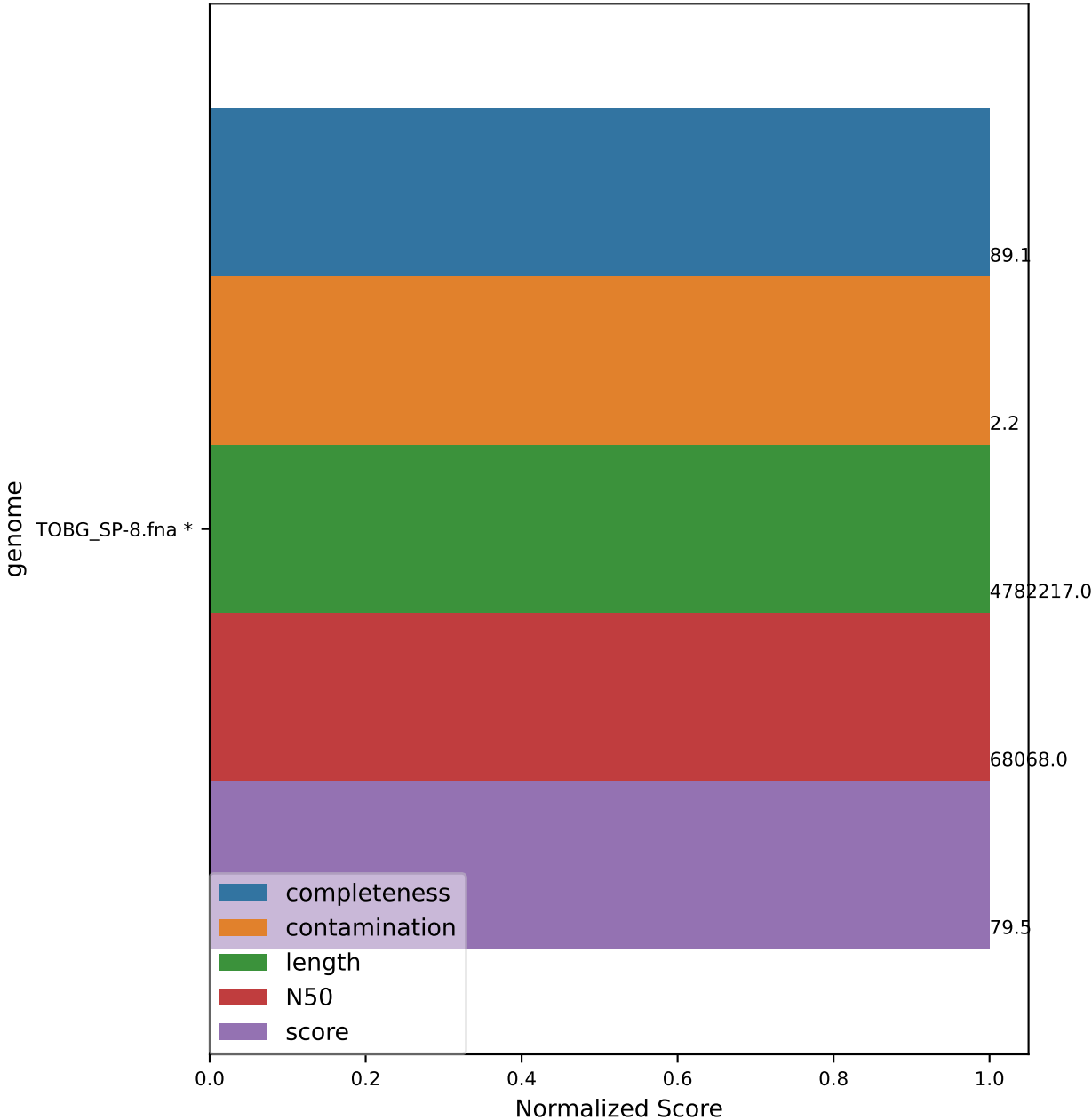
TOBG\_SP-189.fna \*



Scoring of cluster 964\_0



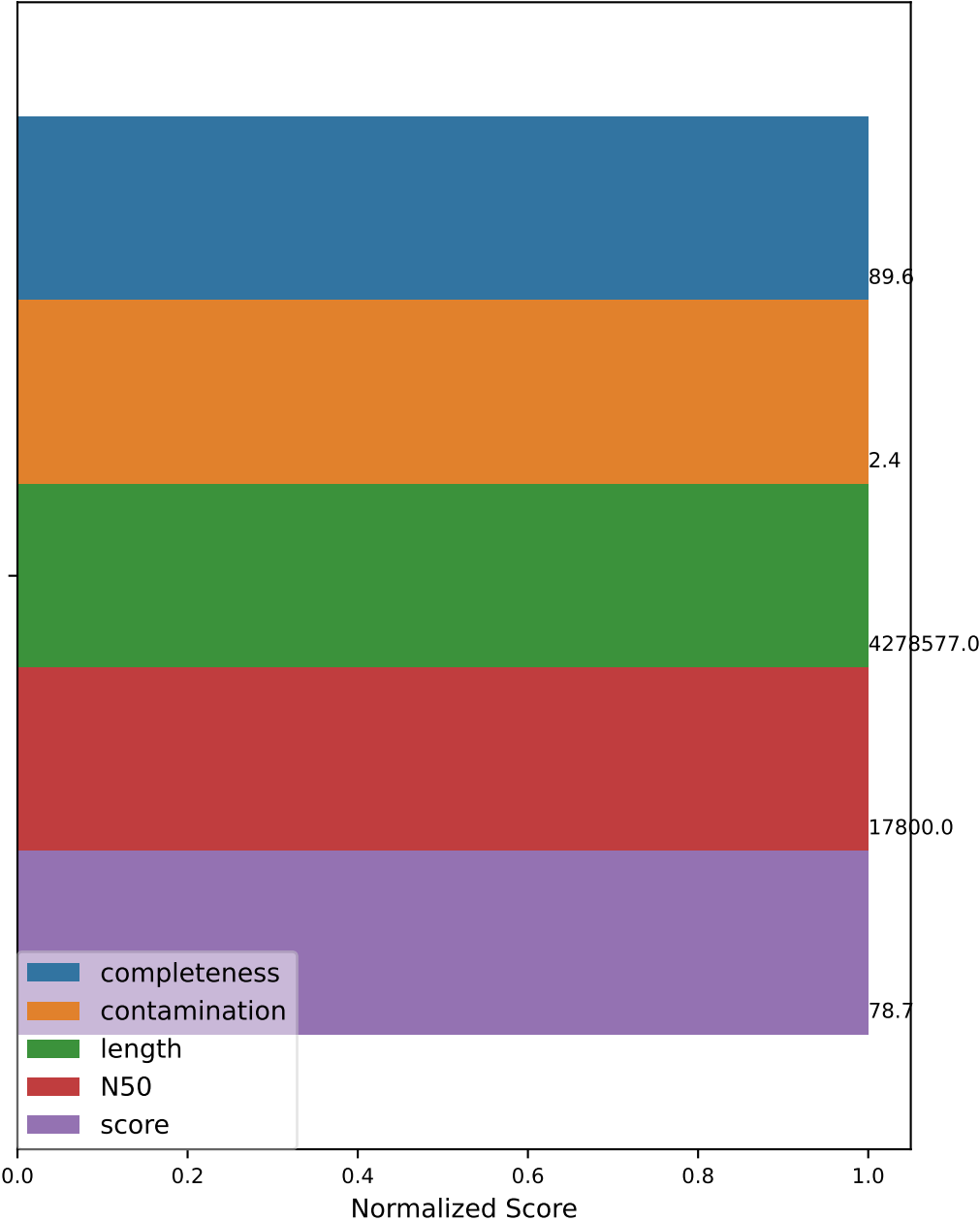
Scoring of cluster 965\_0



Scoring of cluster 966\_0

genome

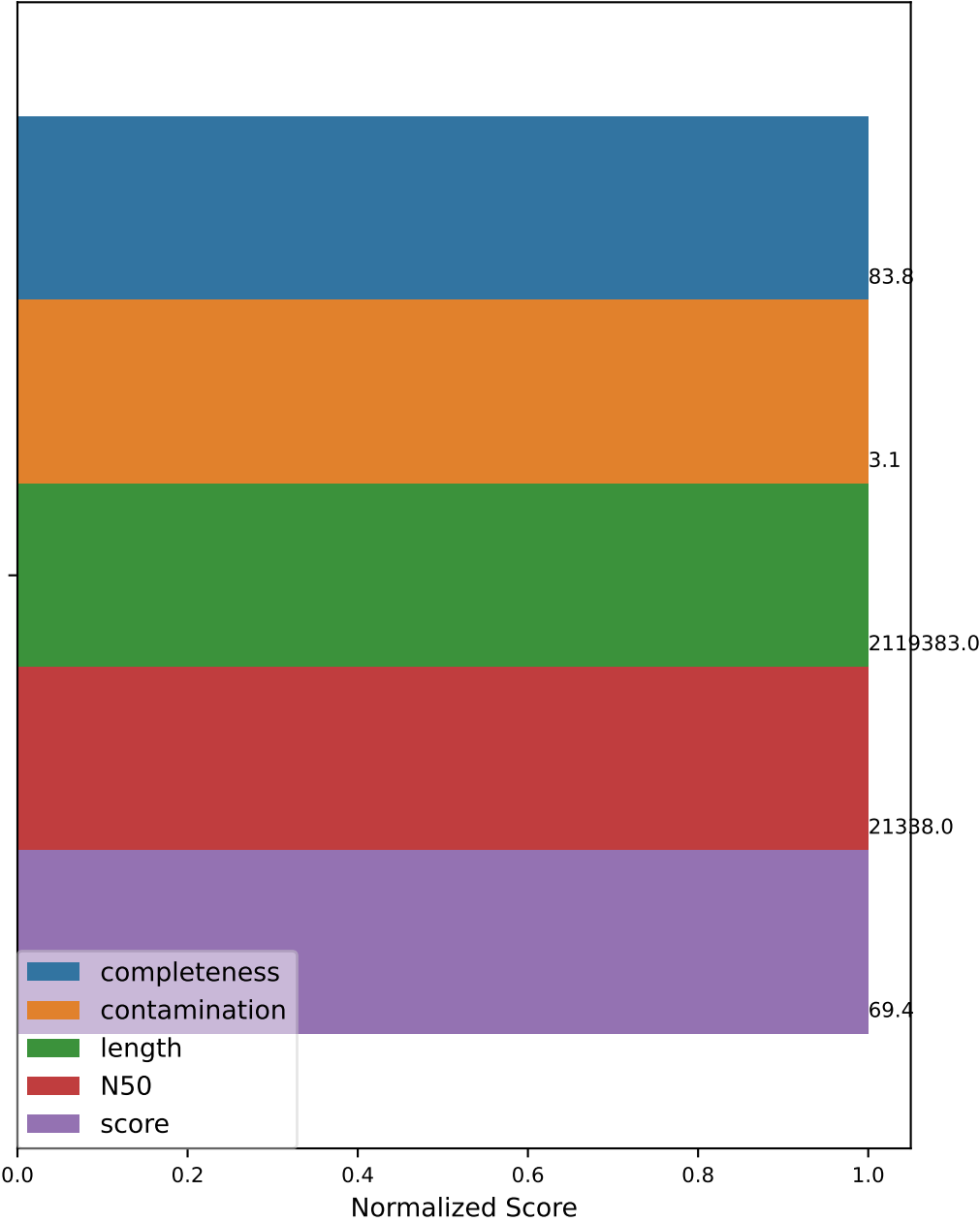
TOBG\_ARS-67.fna \*



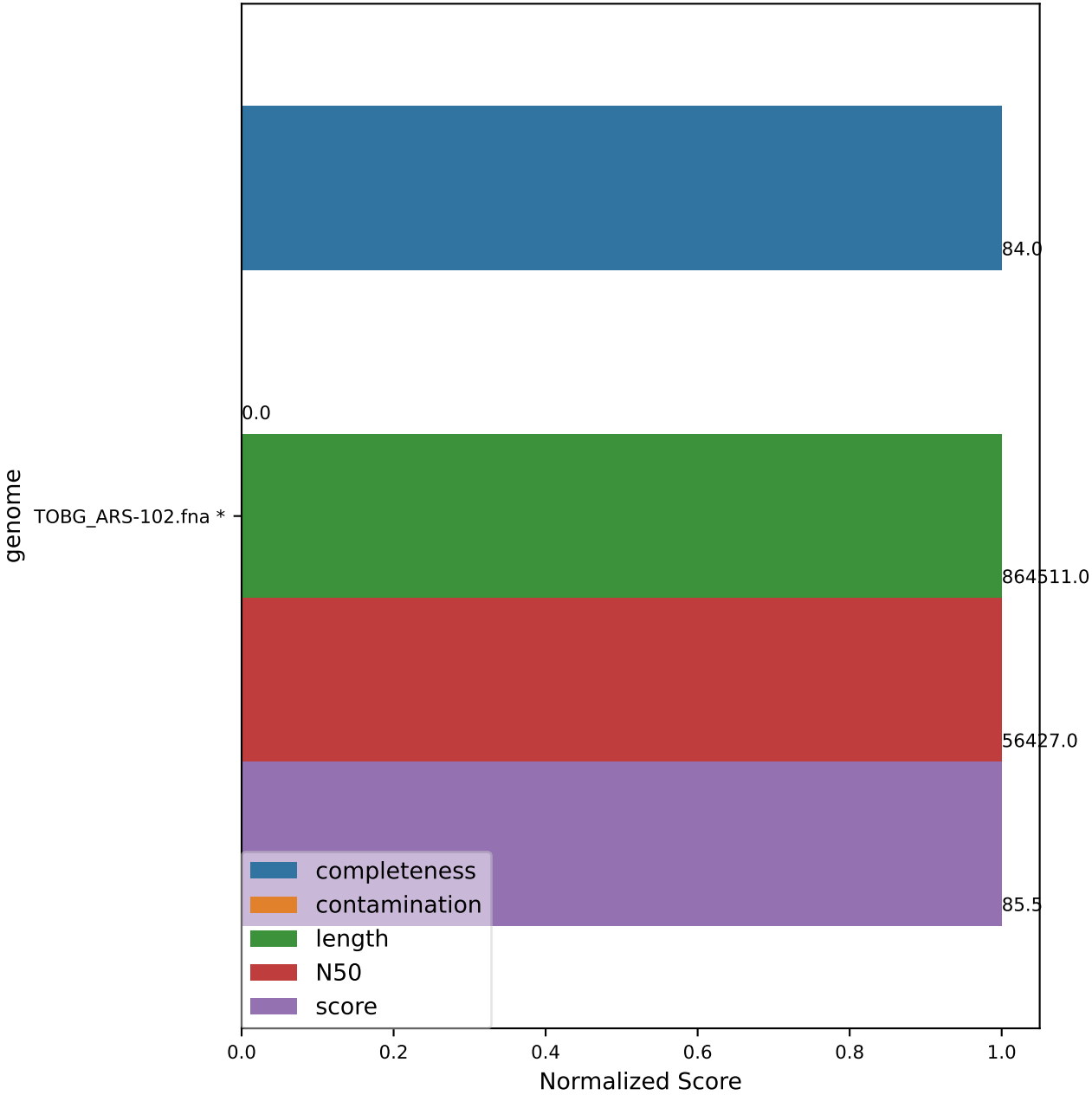
Scoring of cluster 967\_0

genome

TOBG\_NAT-102.fna \*



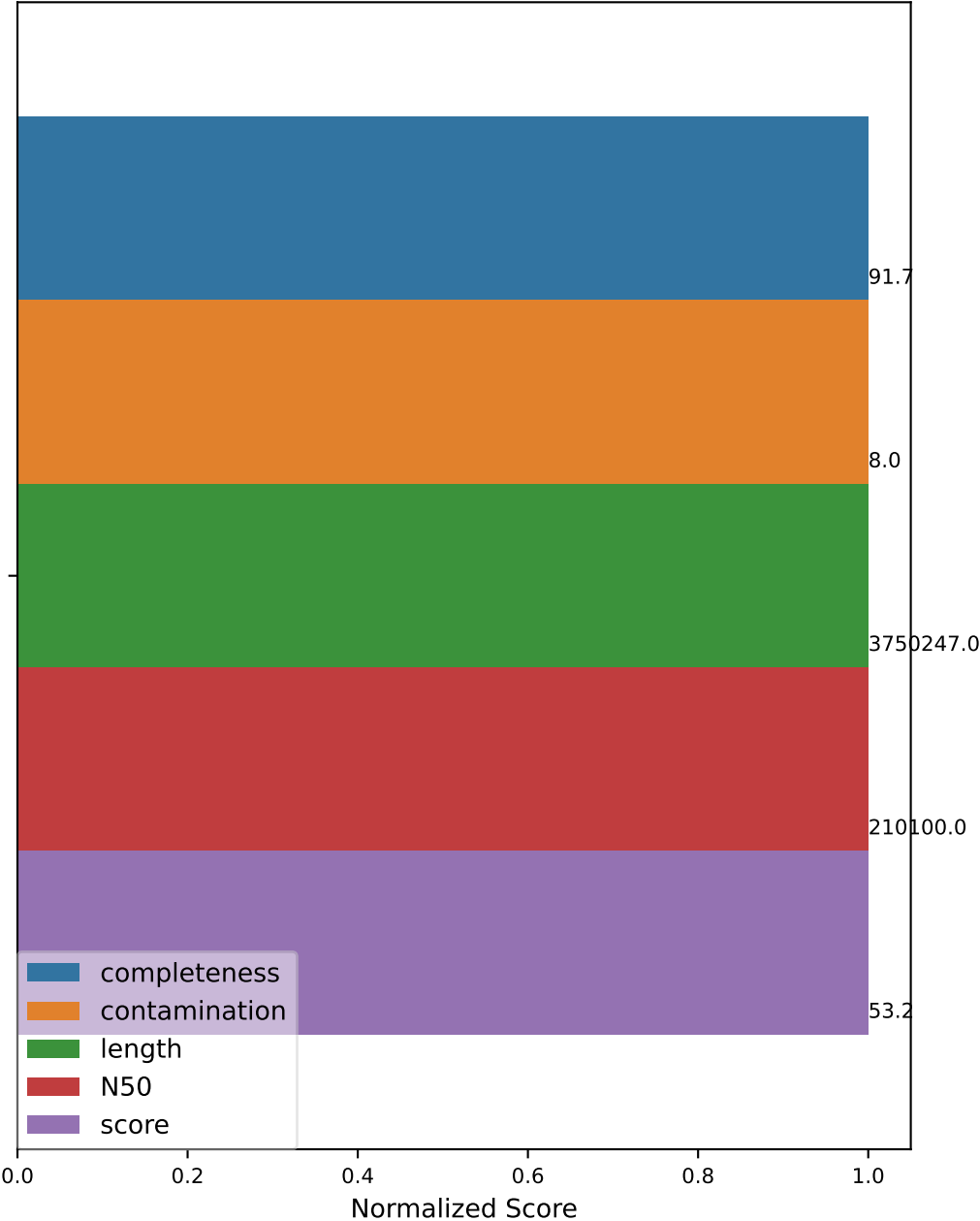
Scoring of cluster 968\_0



Scoring of cluster 969\_0

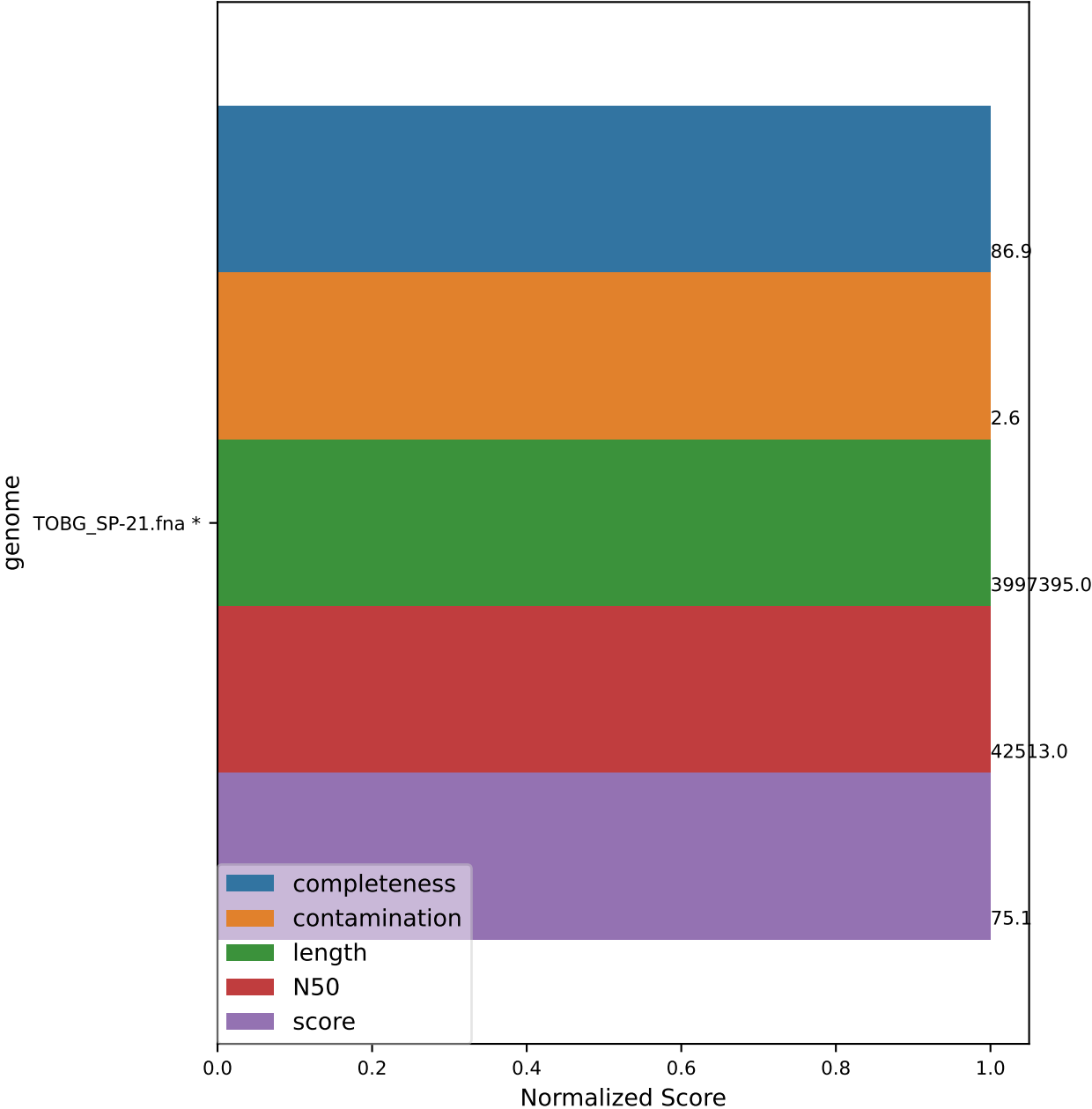
genome

TOBG\_SAT-1401.fna \*

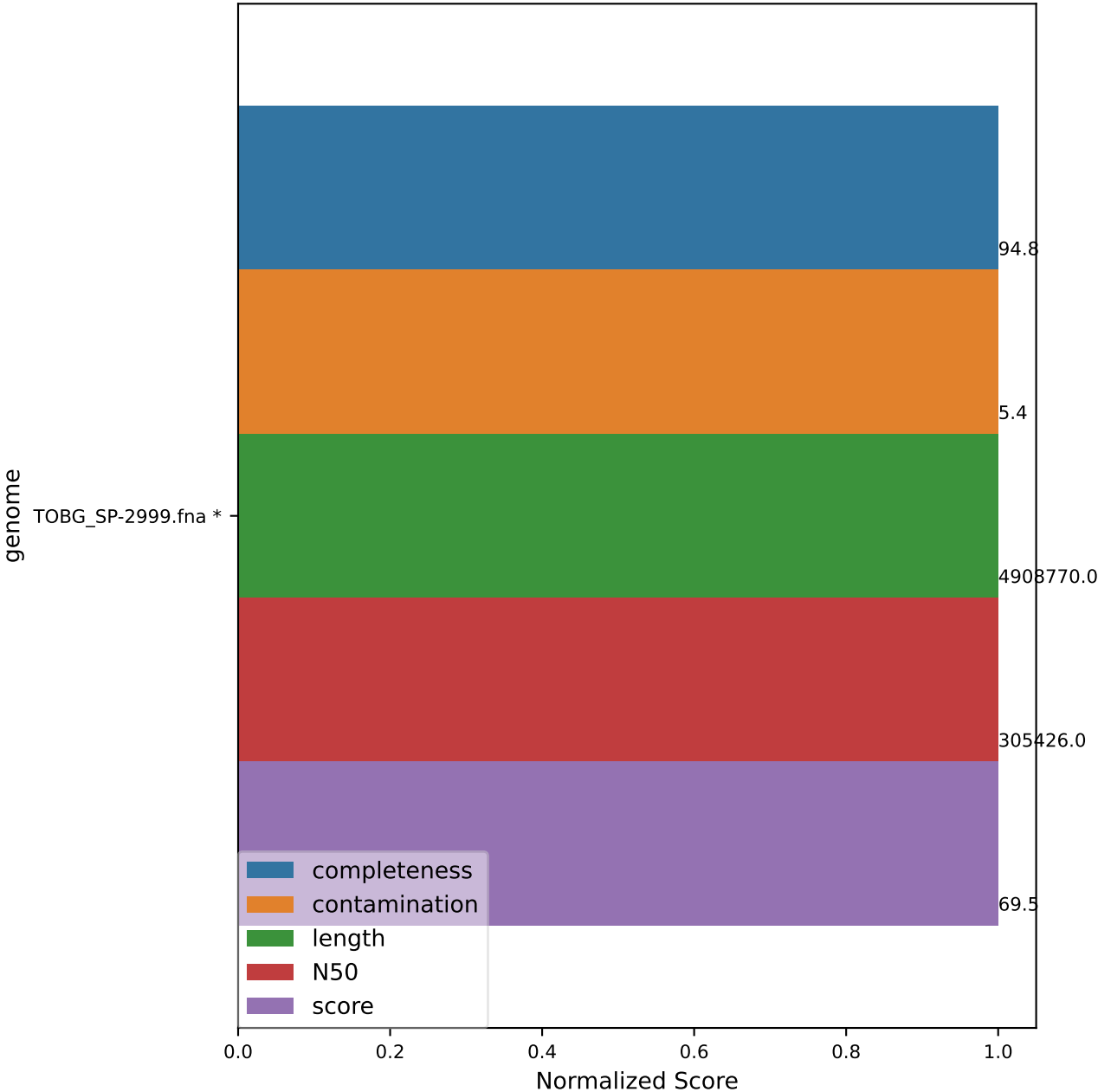




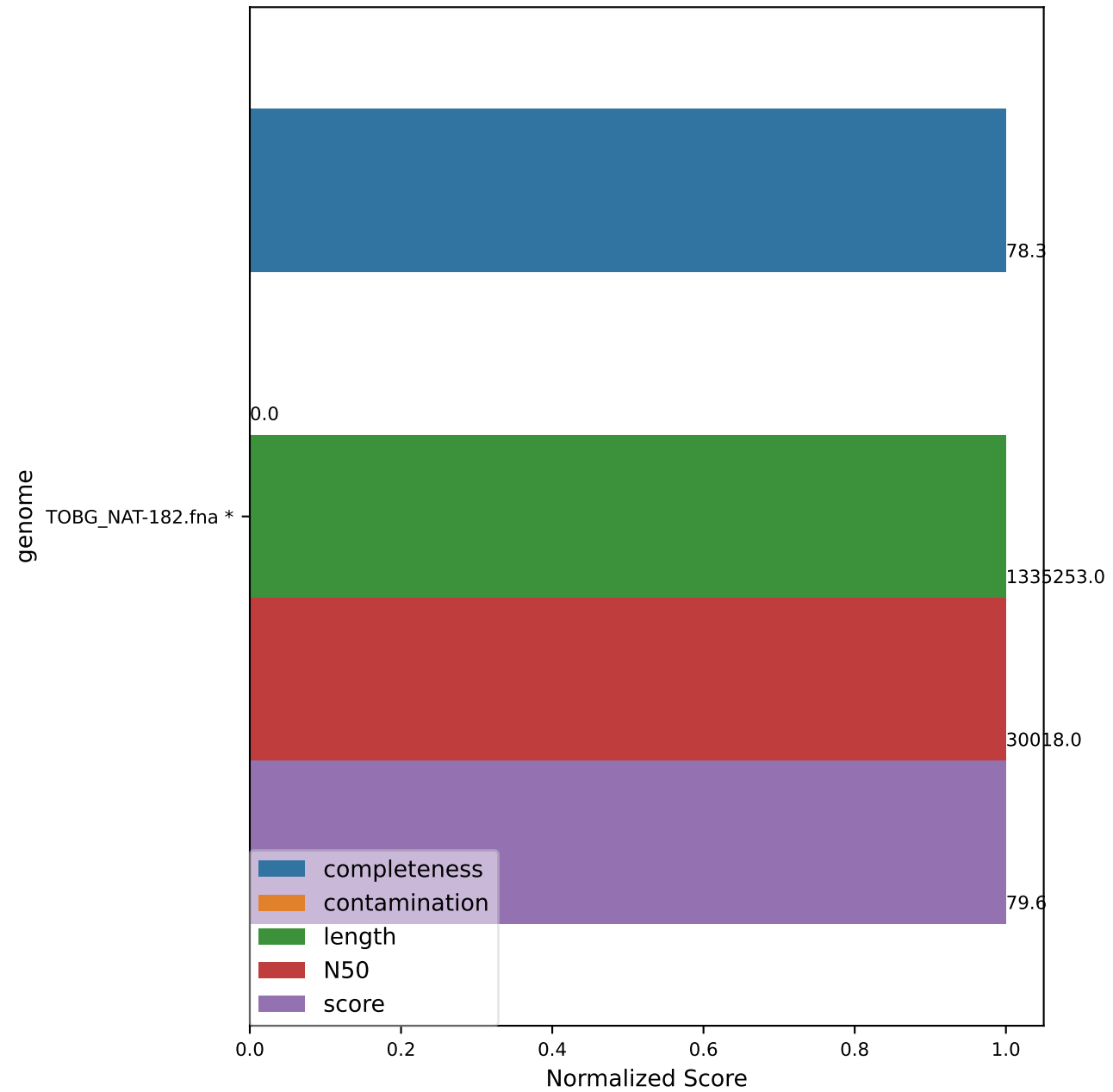
Scoring of cluster 970\_0



Scoring of cluster 971\_0



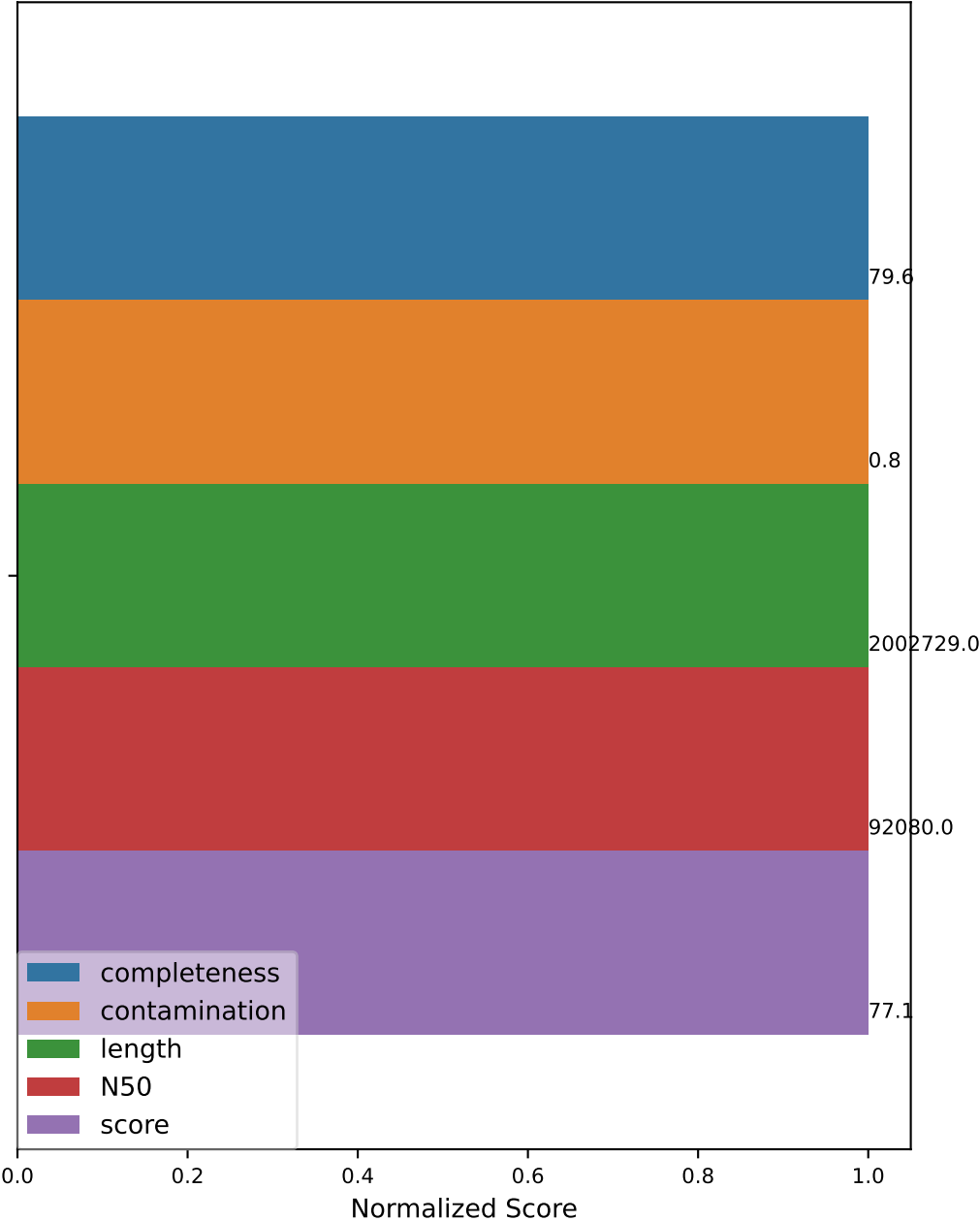
Scoring of cluster 972\_0



Scoring of cluster 973\_0

genome

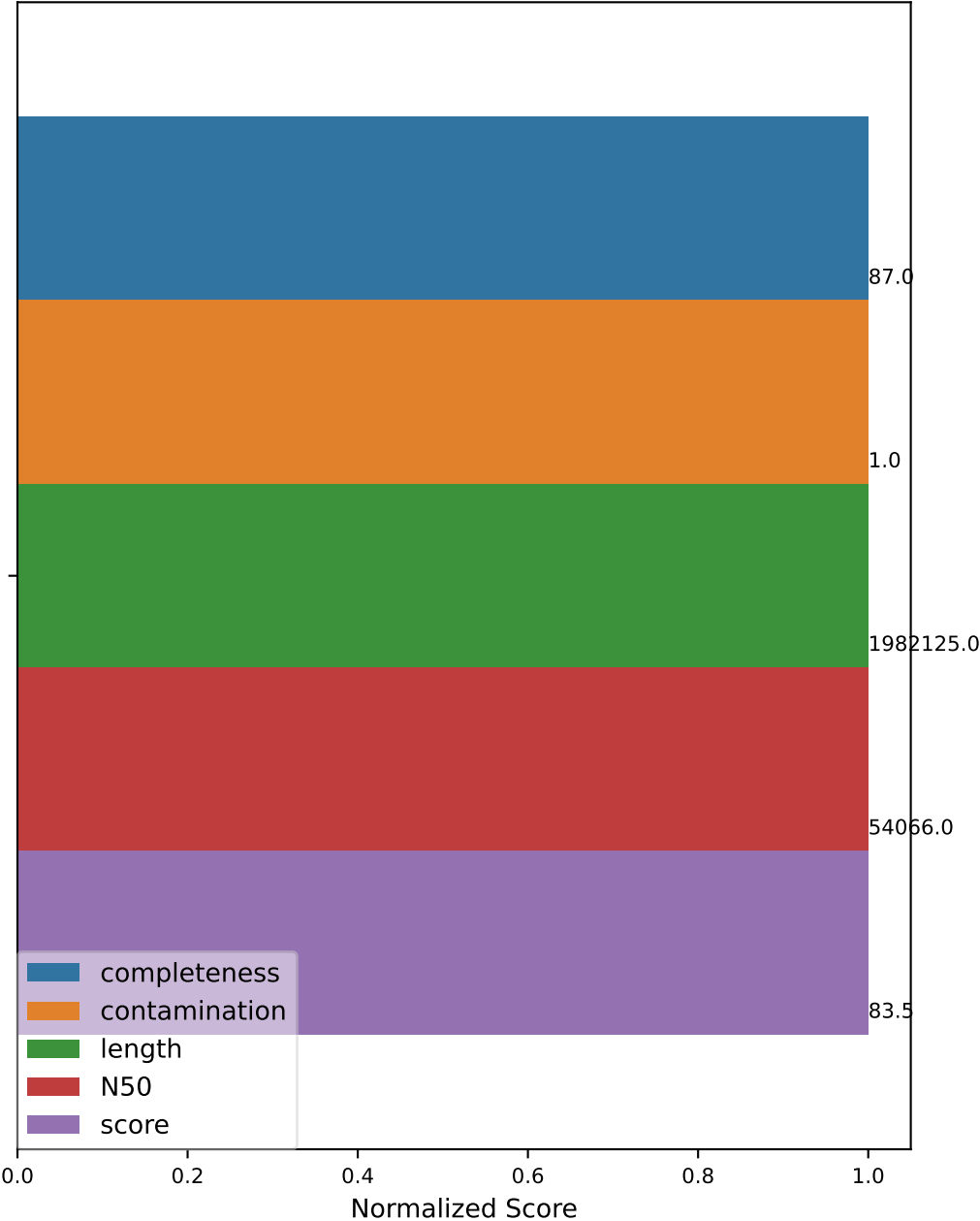
TOBG\_SAT-2766.fna \*



Scoring of cluster 974\_0

genome

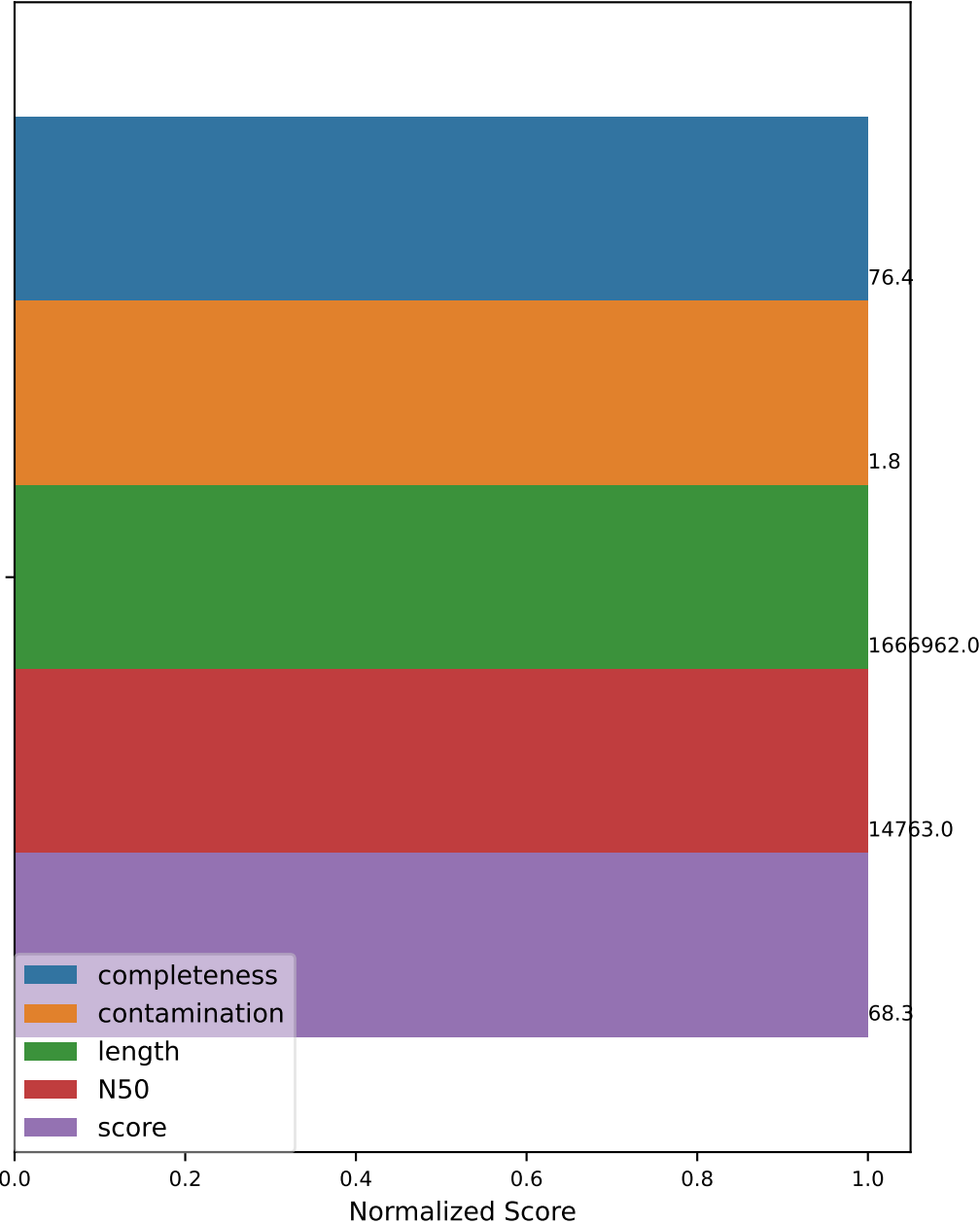
TOBG\_SP-157.fna \*



Scoring of cluster 975\_0

genome

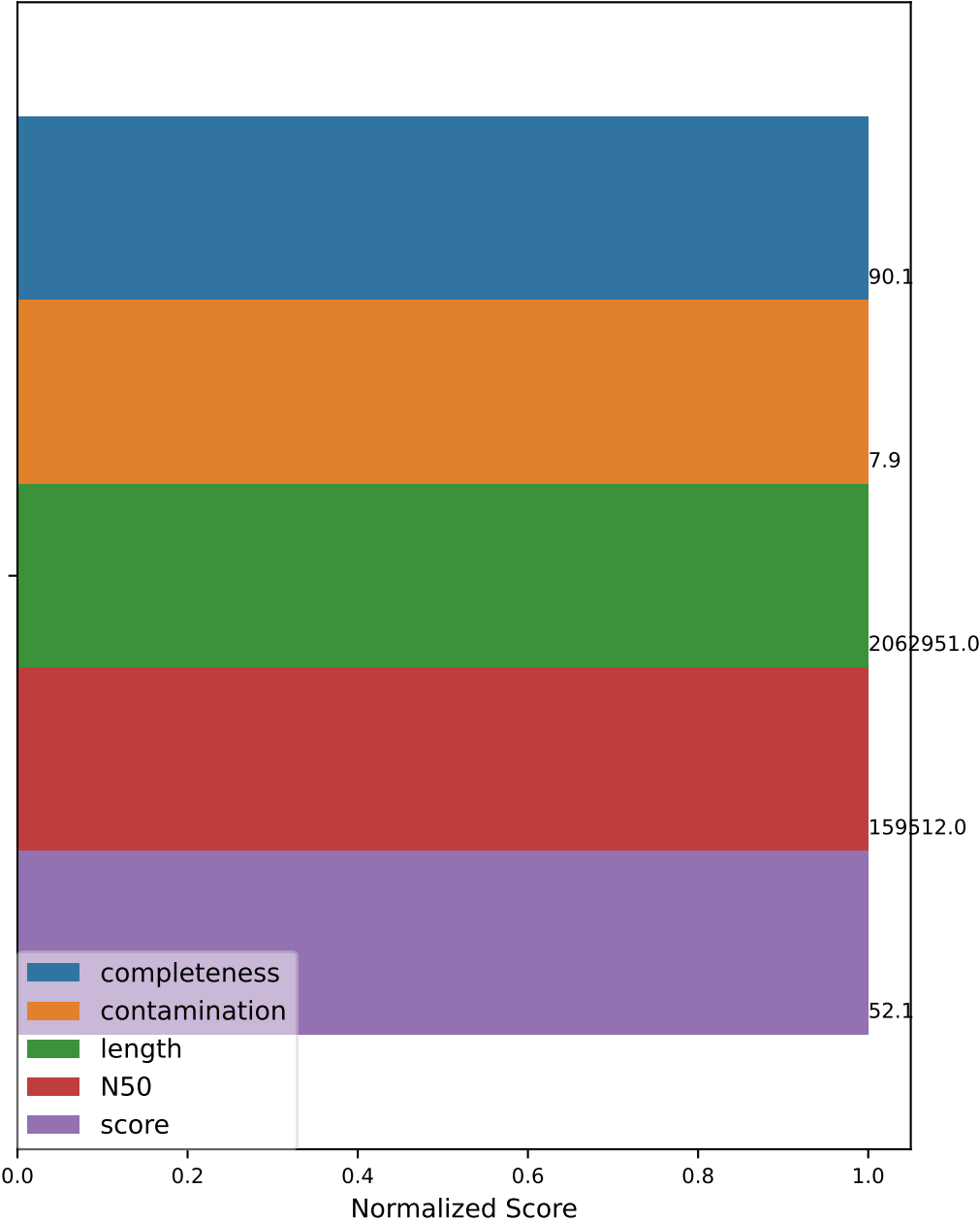
TOBG\_MED-768.fna \*



Scoring of cluster 976\_0

genome

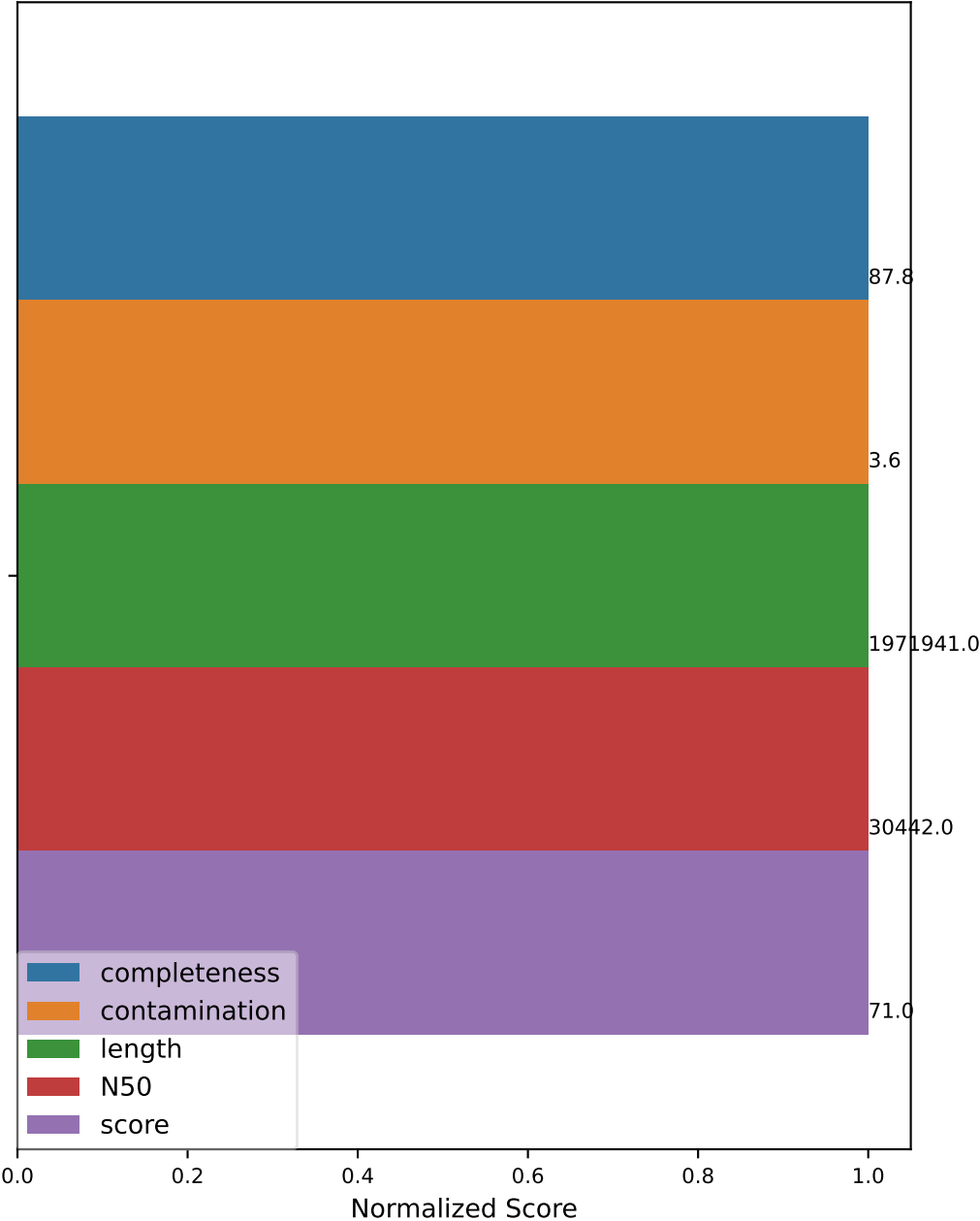
TOBG\_MED-820.fna \*



Scoring of cluster 977\_0

genome

TOBG\_MED-582.fna \*

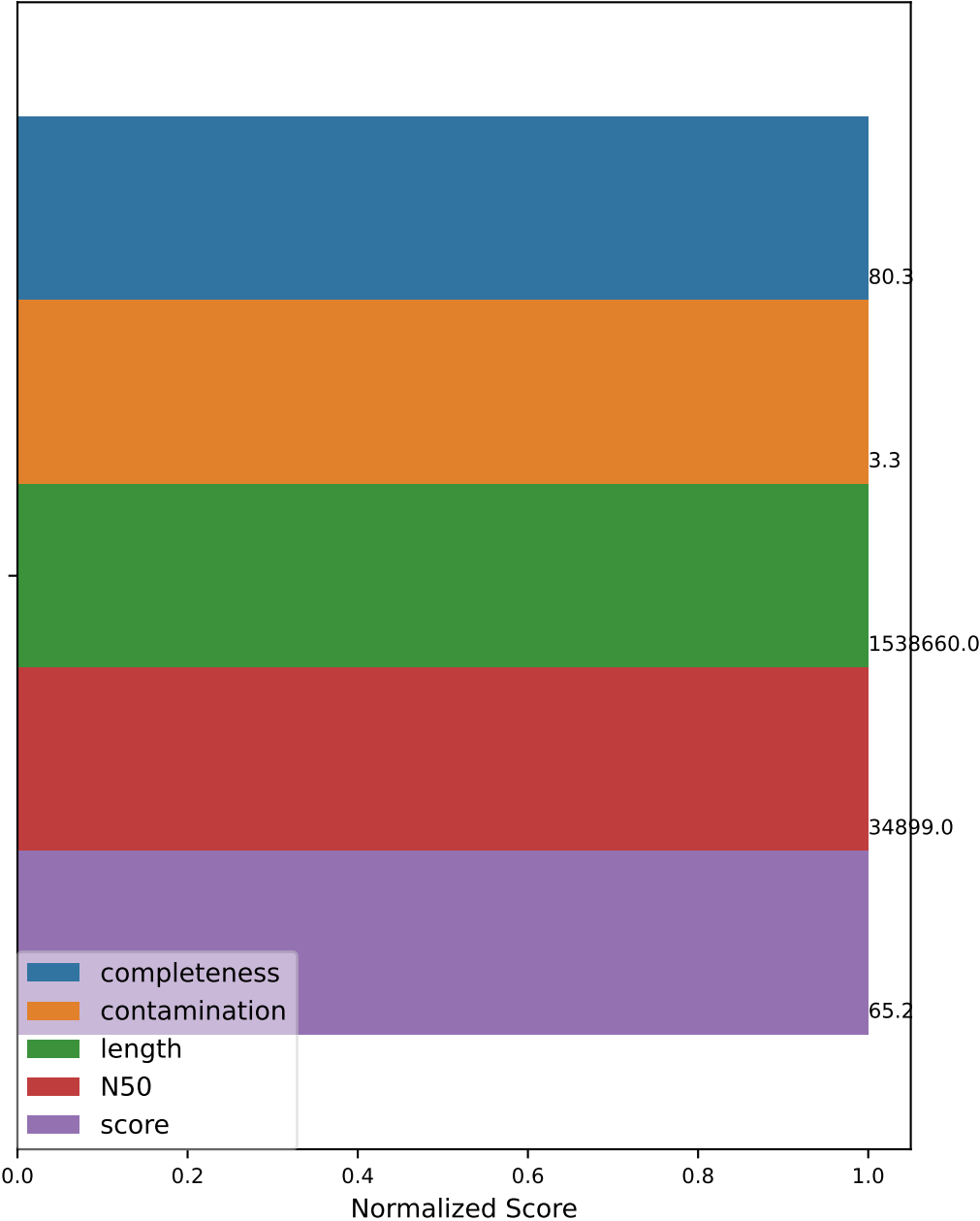




Scoring of cluster 978\_0

genome

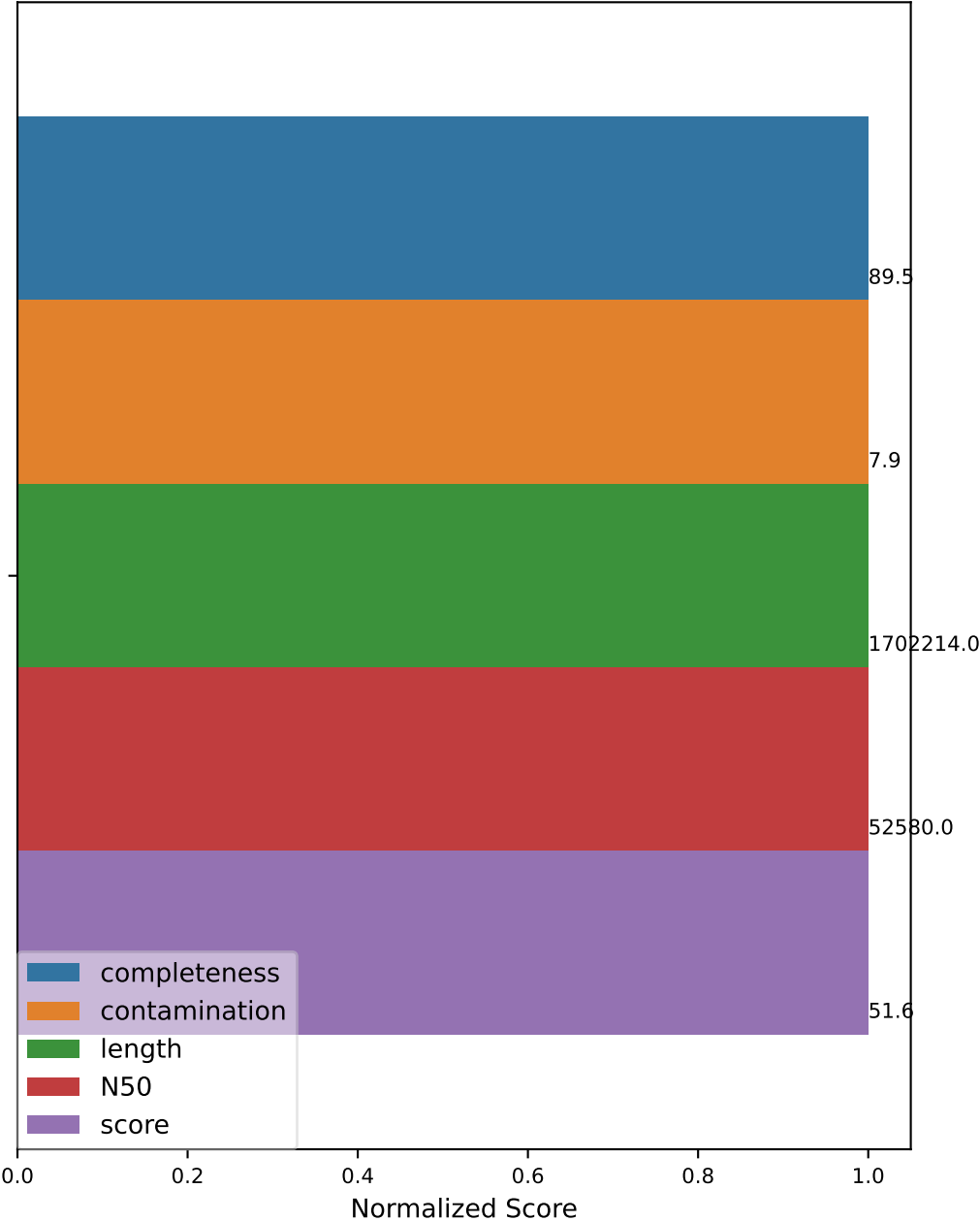
TOBG\_MED-729.fna \*



Scoring of cluster 979\_0

genome

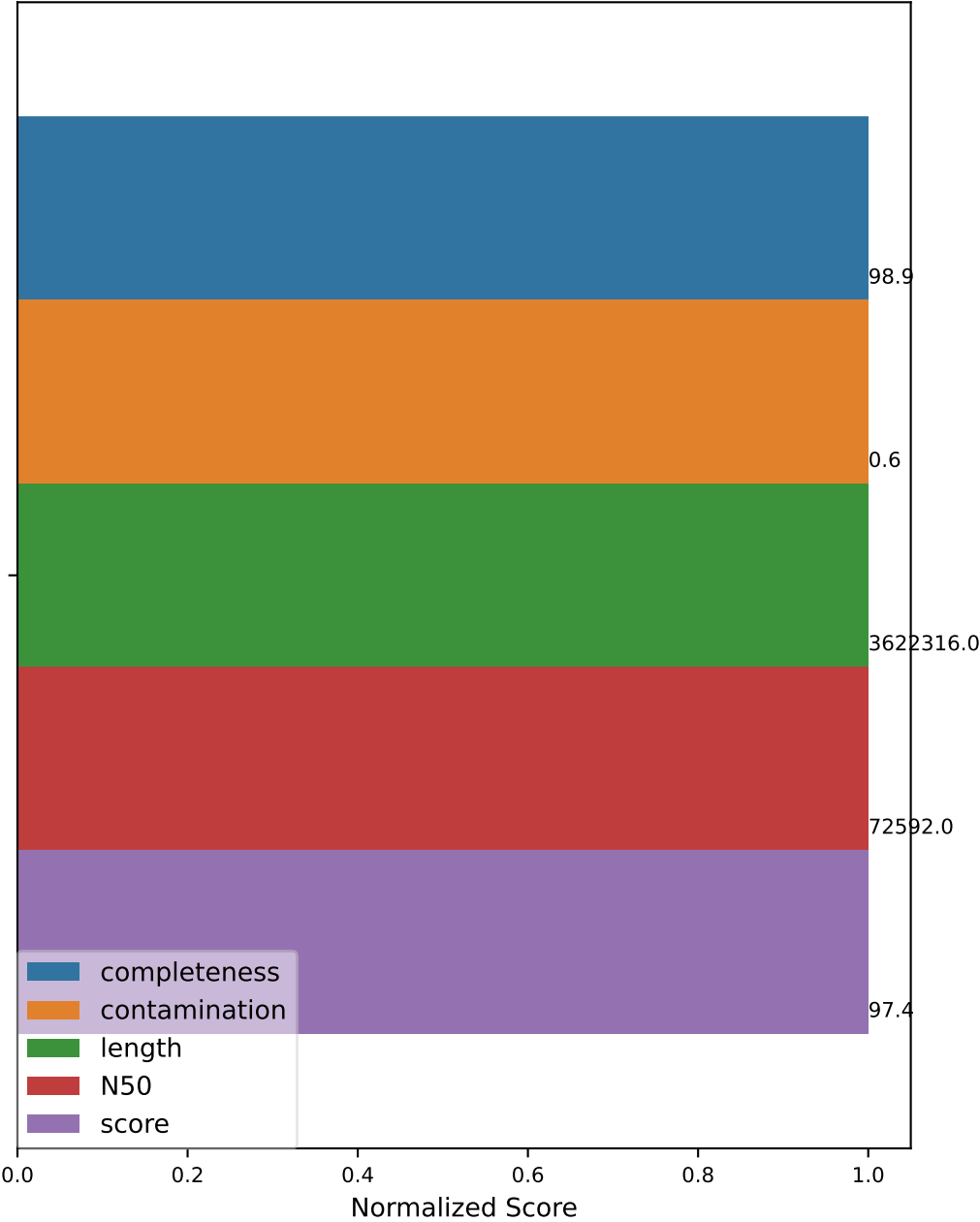
TOBG\_SP-3055.fna \*



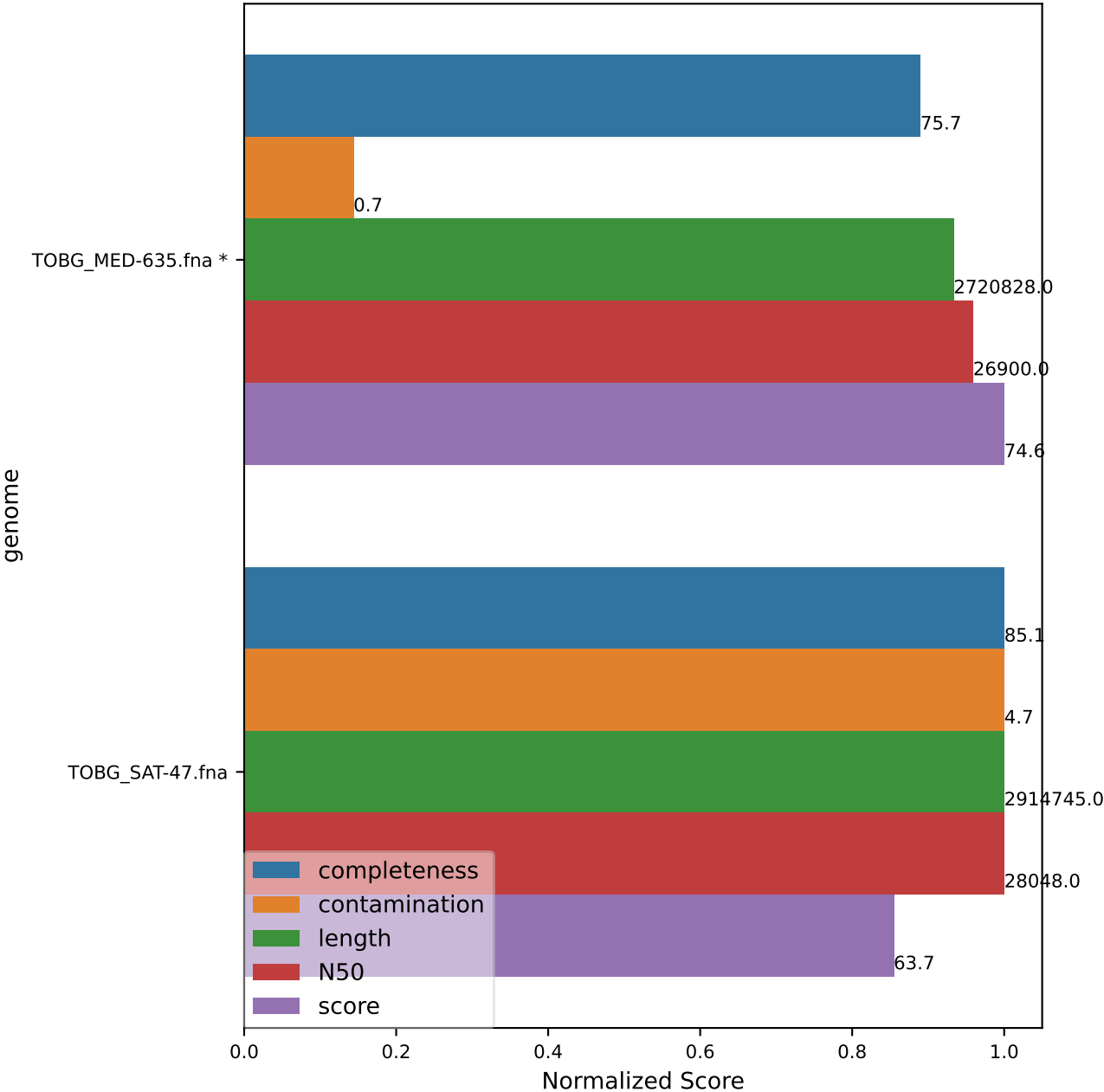
Scoring of cluster 980\_0

genome

TOBG\_NP-100.fna \*



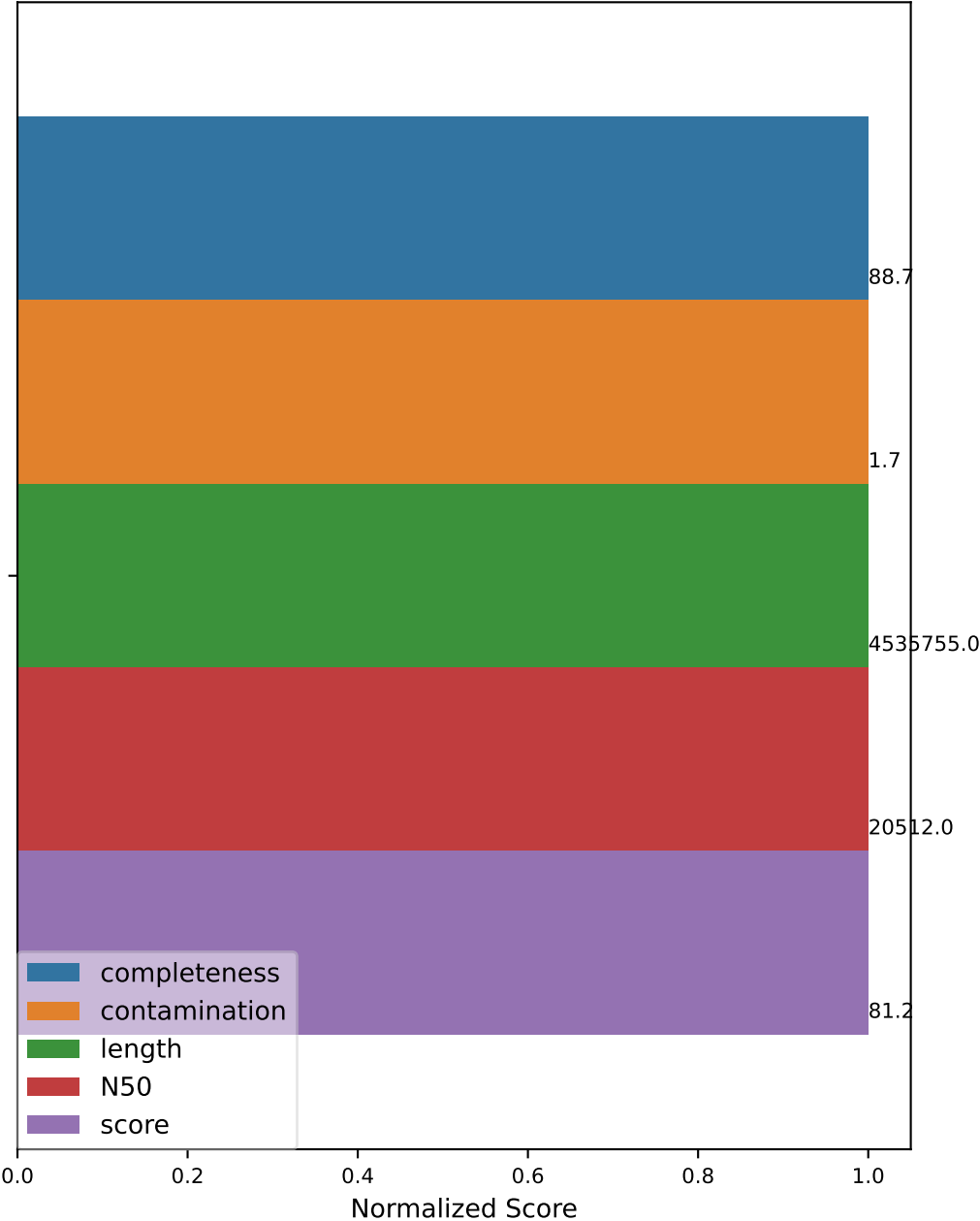
Scoring of cluster 981\_1



Scoring of cluster 982\_0

genome

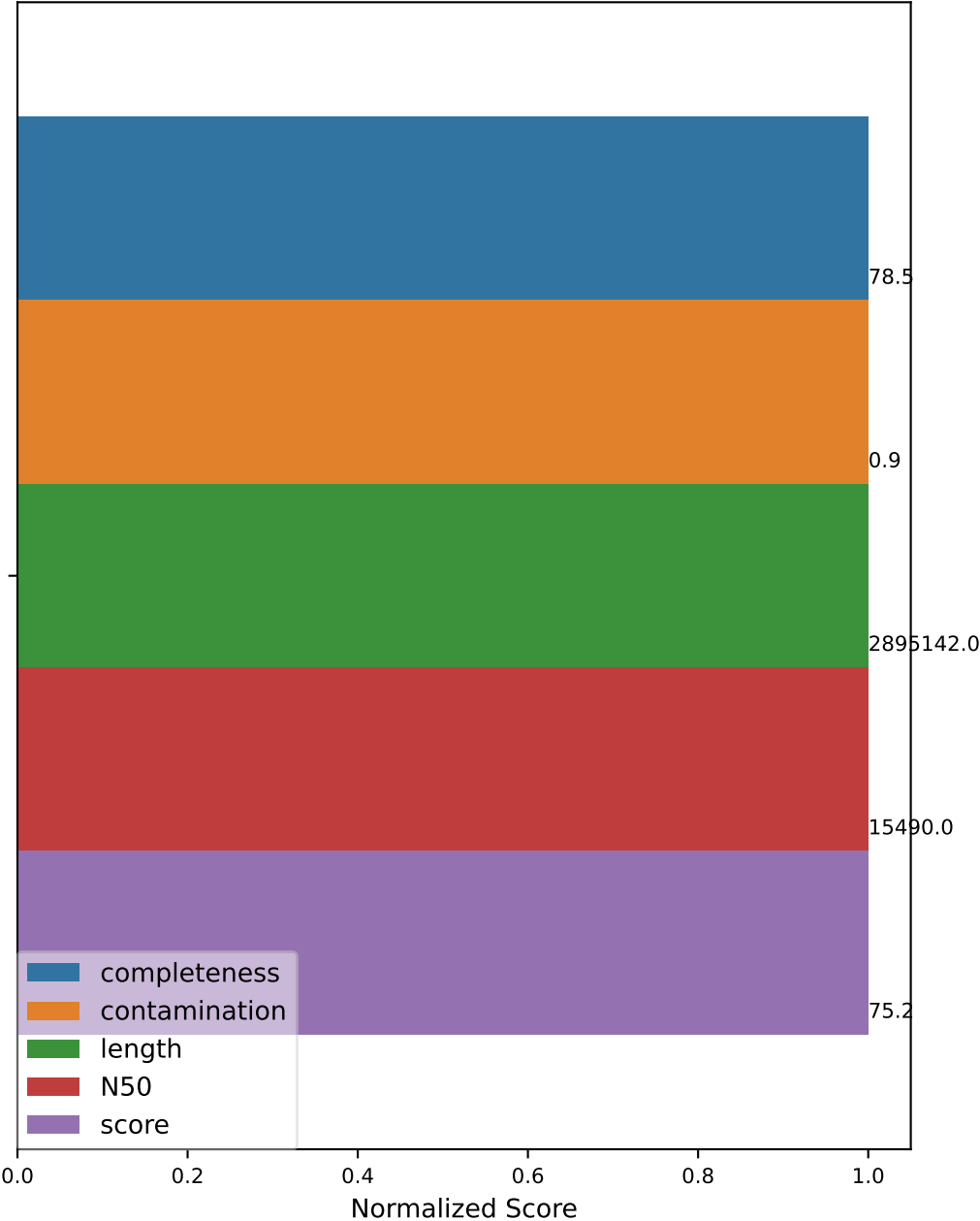
TOBG\_CPC-23.fna \*



Scoring of cluster 983\_0

genome

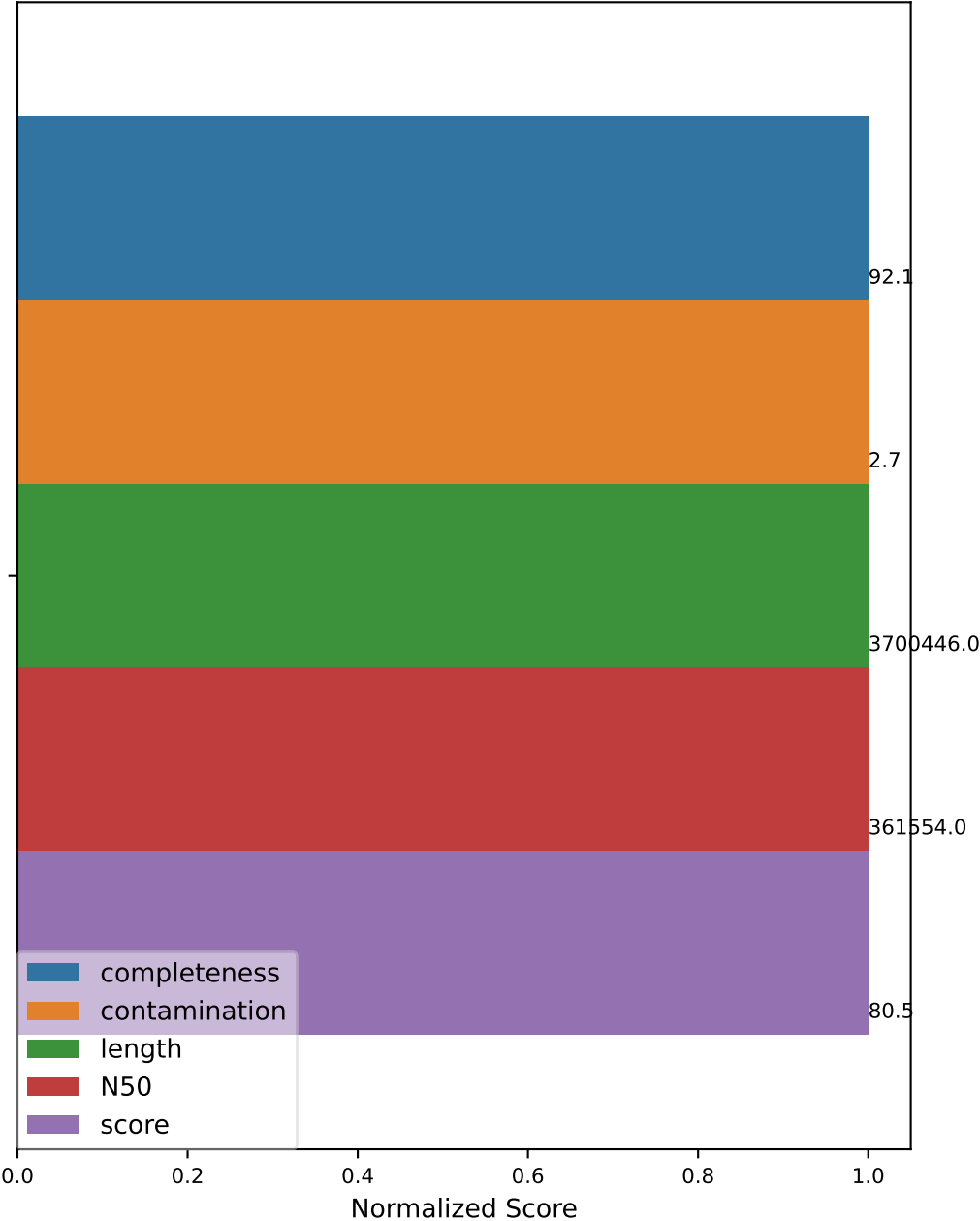
TOBG\_ARS-45.fna \*



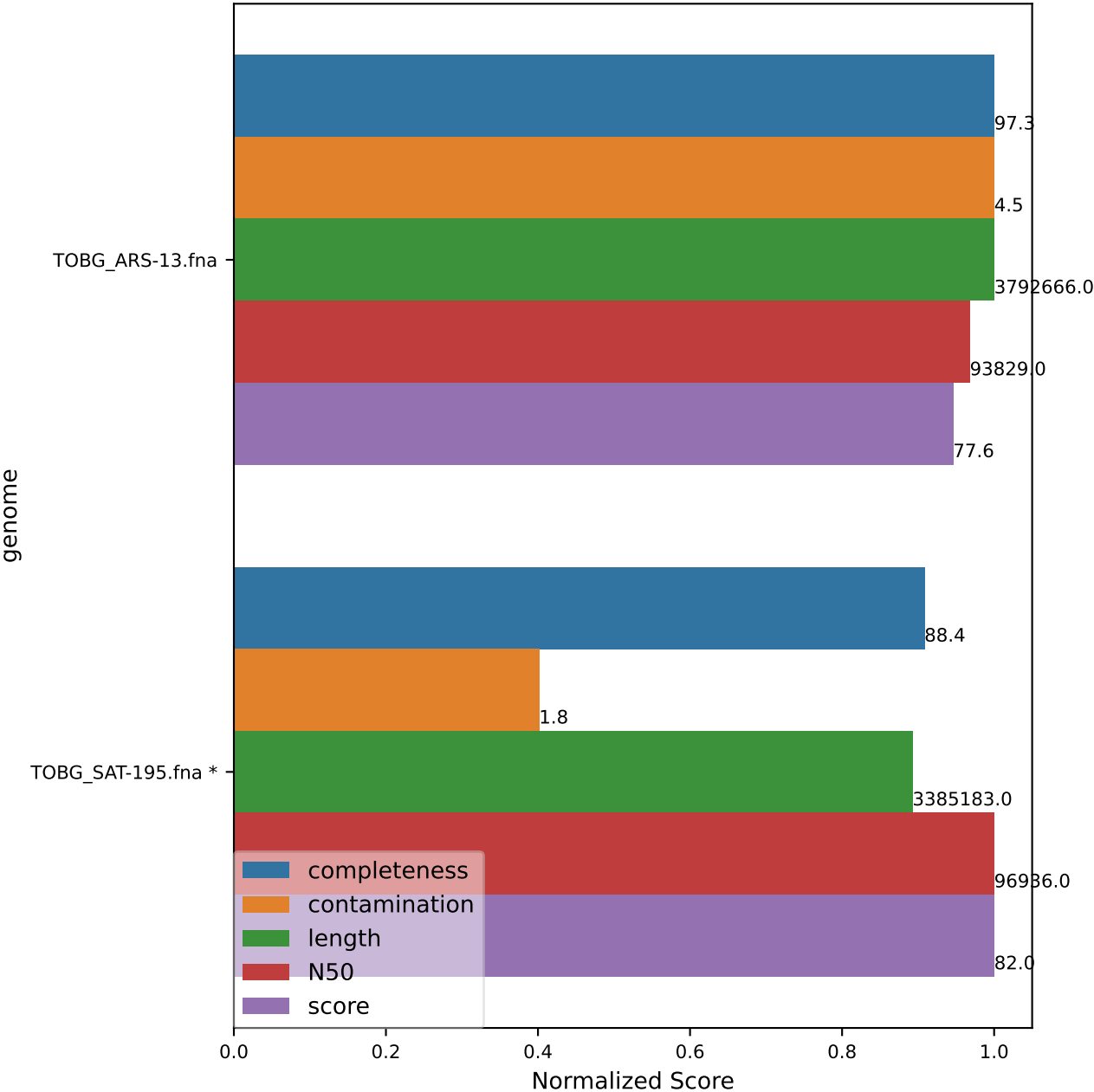
Scoring of cluster 984\_0

genome

TOBG\_SAT-180.fna \*



Scoring of cluster 985\_1

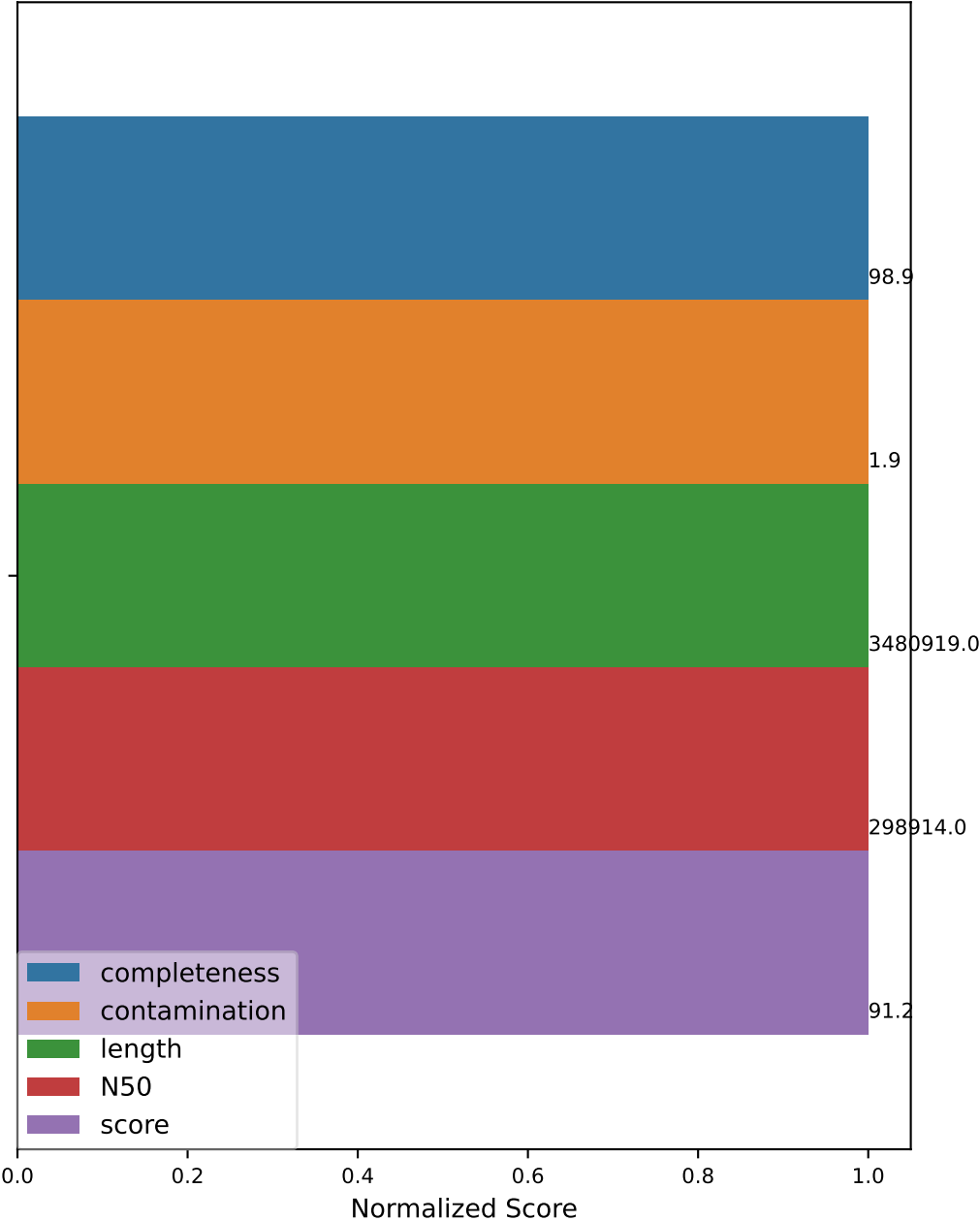




Scoring of cluster 986\_0

genome

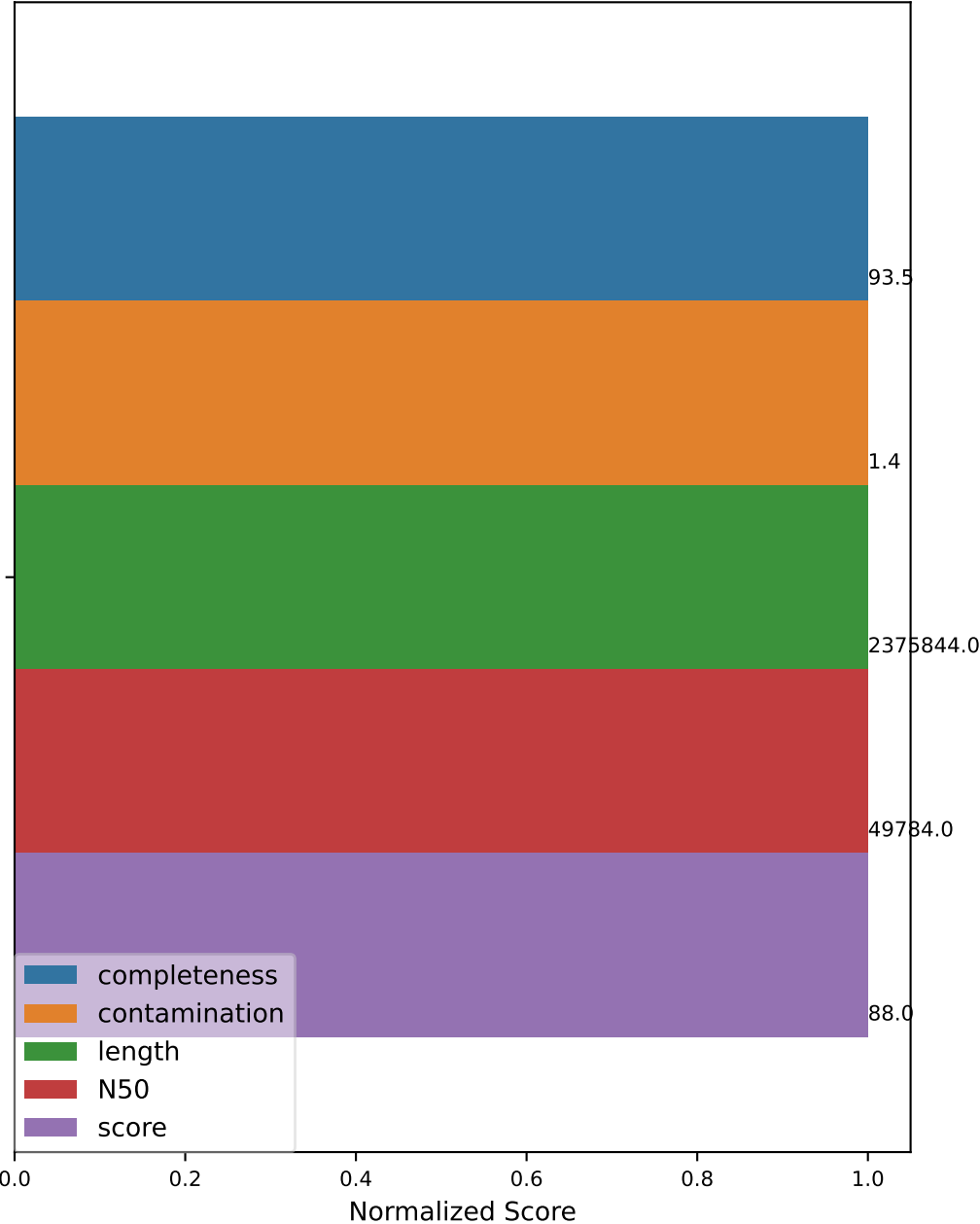
TOBG\_ARS-93.fna \*



Scoring of cluster 987\_0

genome

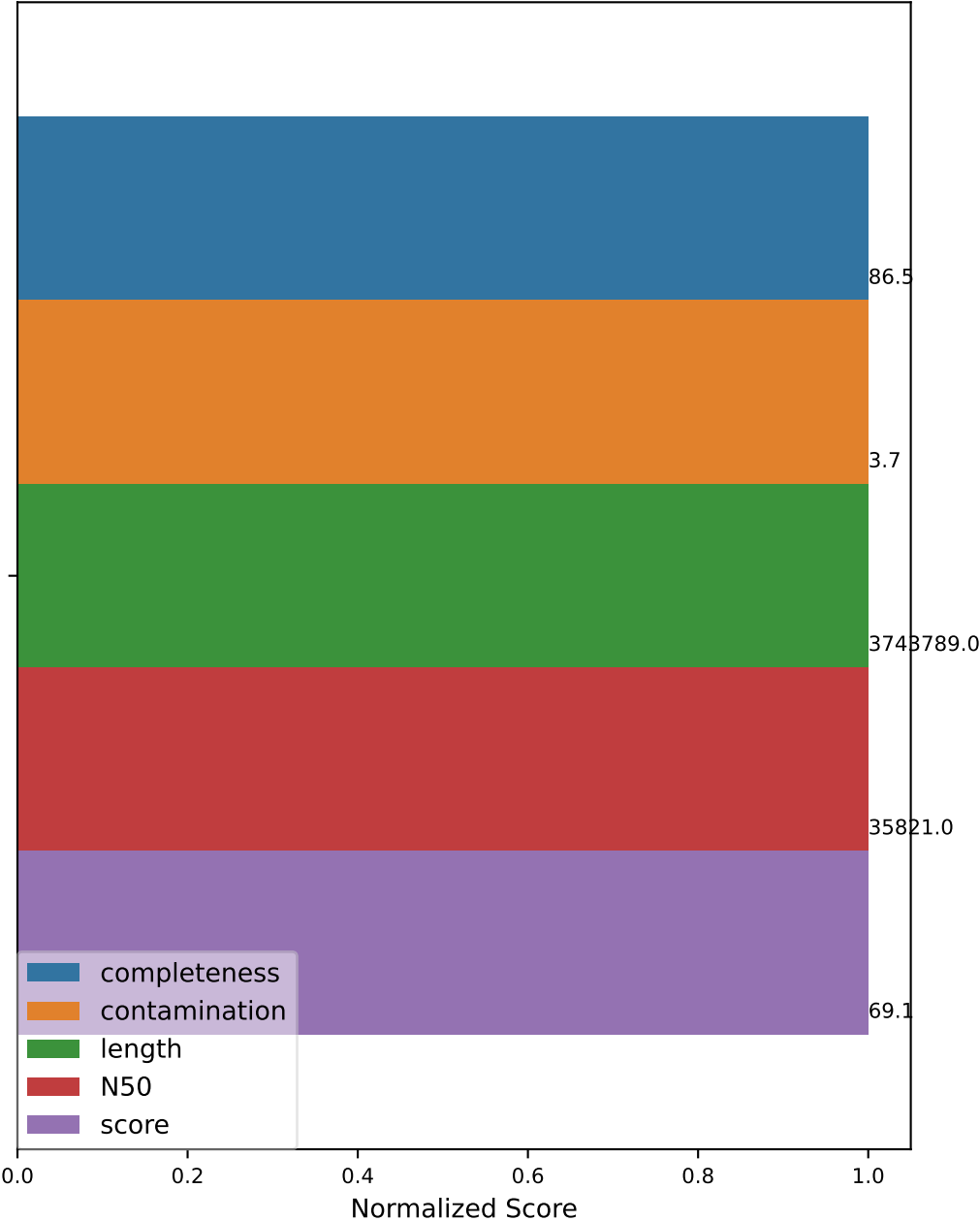
TOBG\_ARS-71.fna \*



Scoring of cluster 988\_0

genome

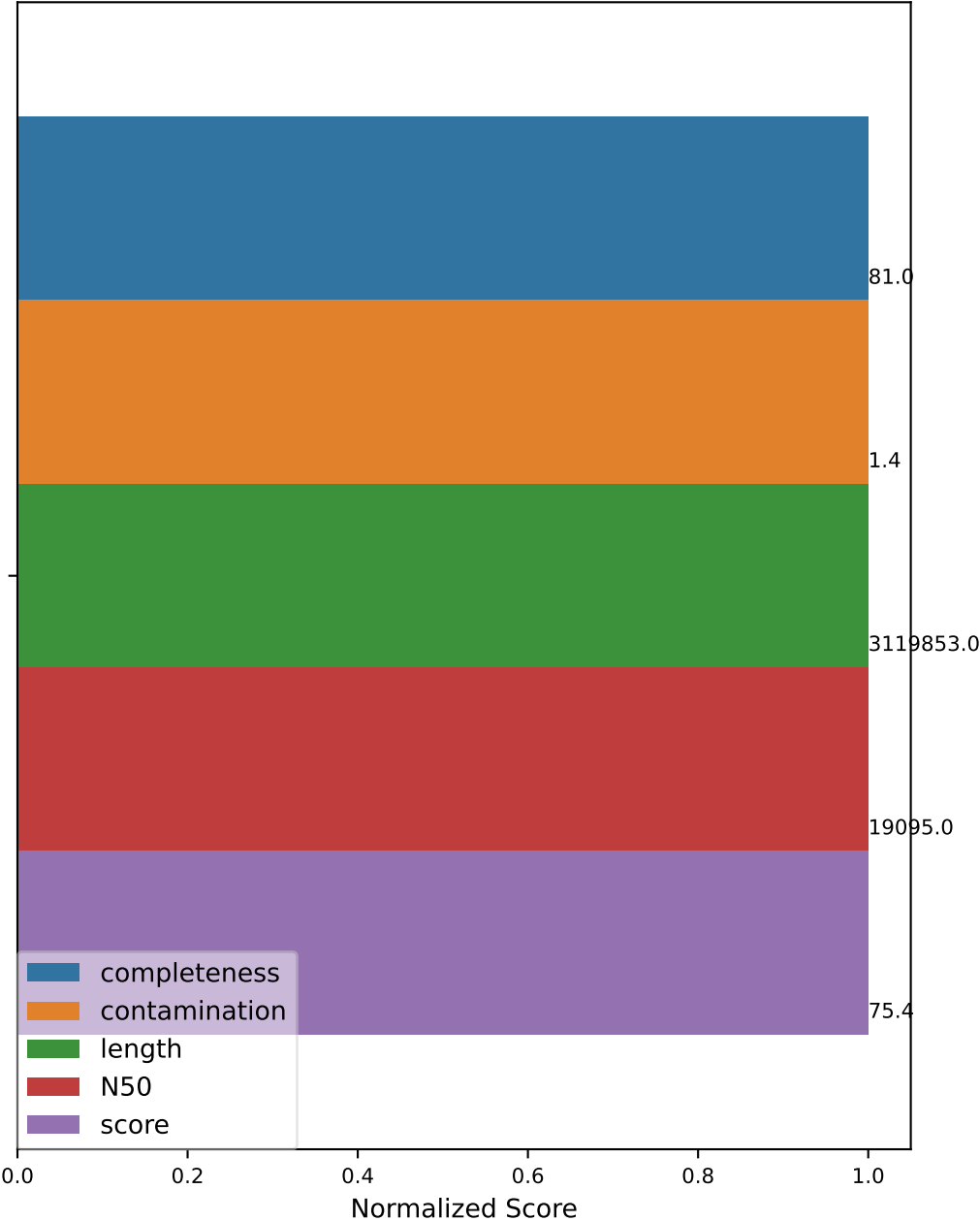
TOBG\_EAC-29.fna \*



Scoring of cluster 989\_0

genome

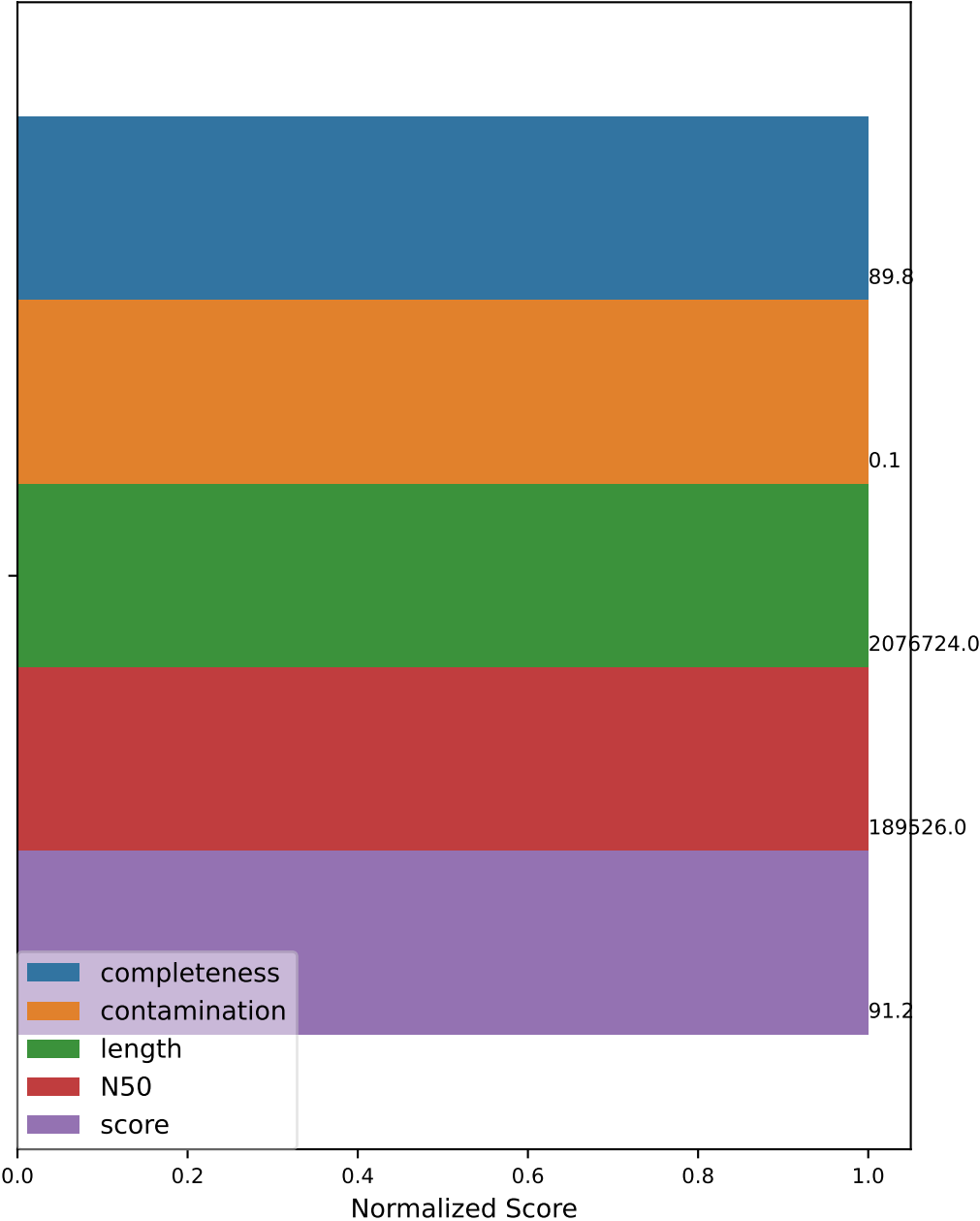
TOBG\_MED-597.fna \*



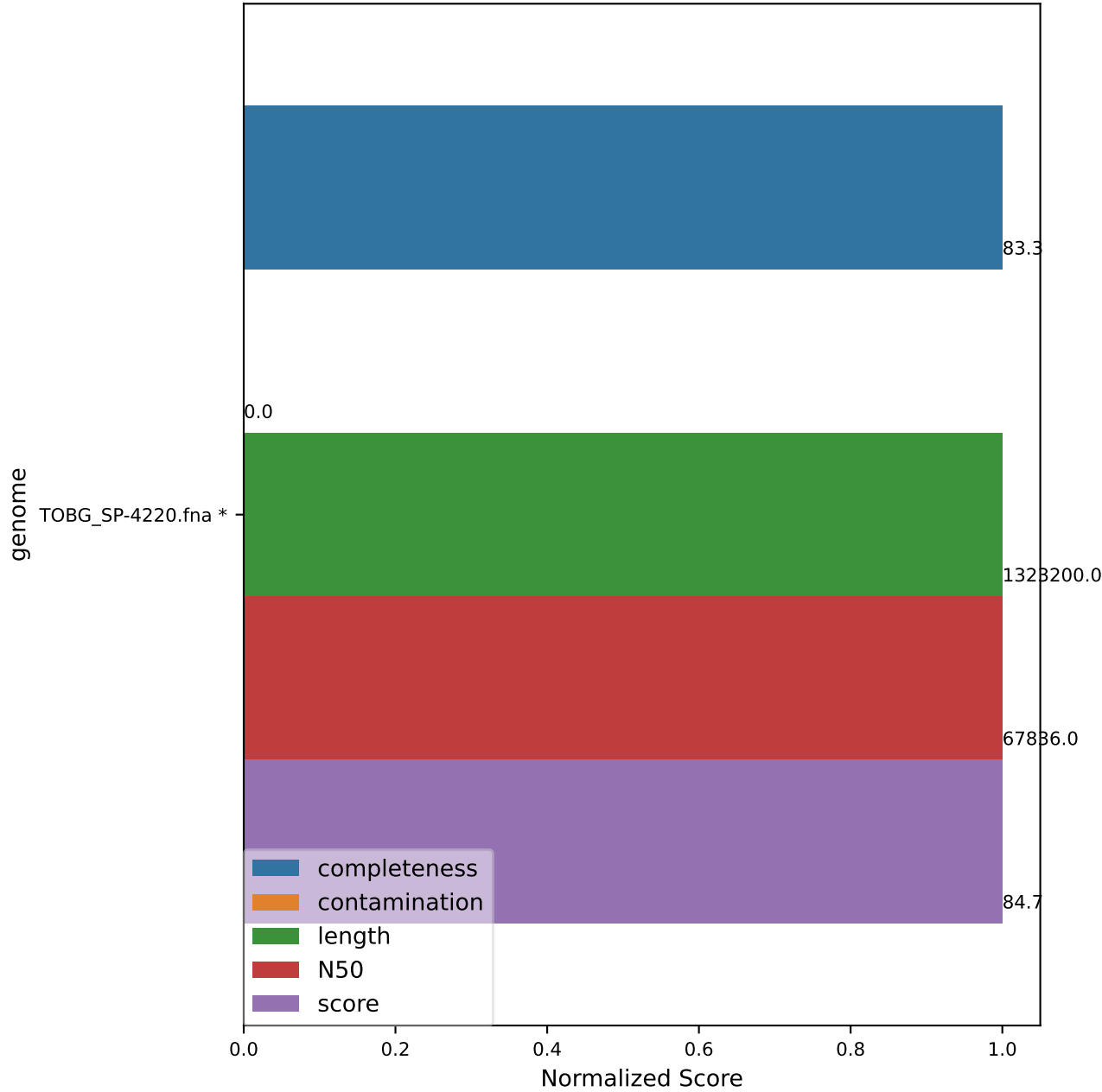
Scoring of cluster 990\_0

genome

TOBG\_SAT-2911.fna \*



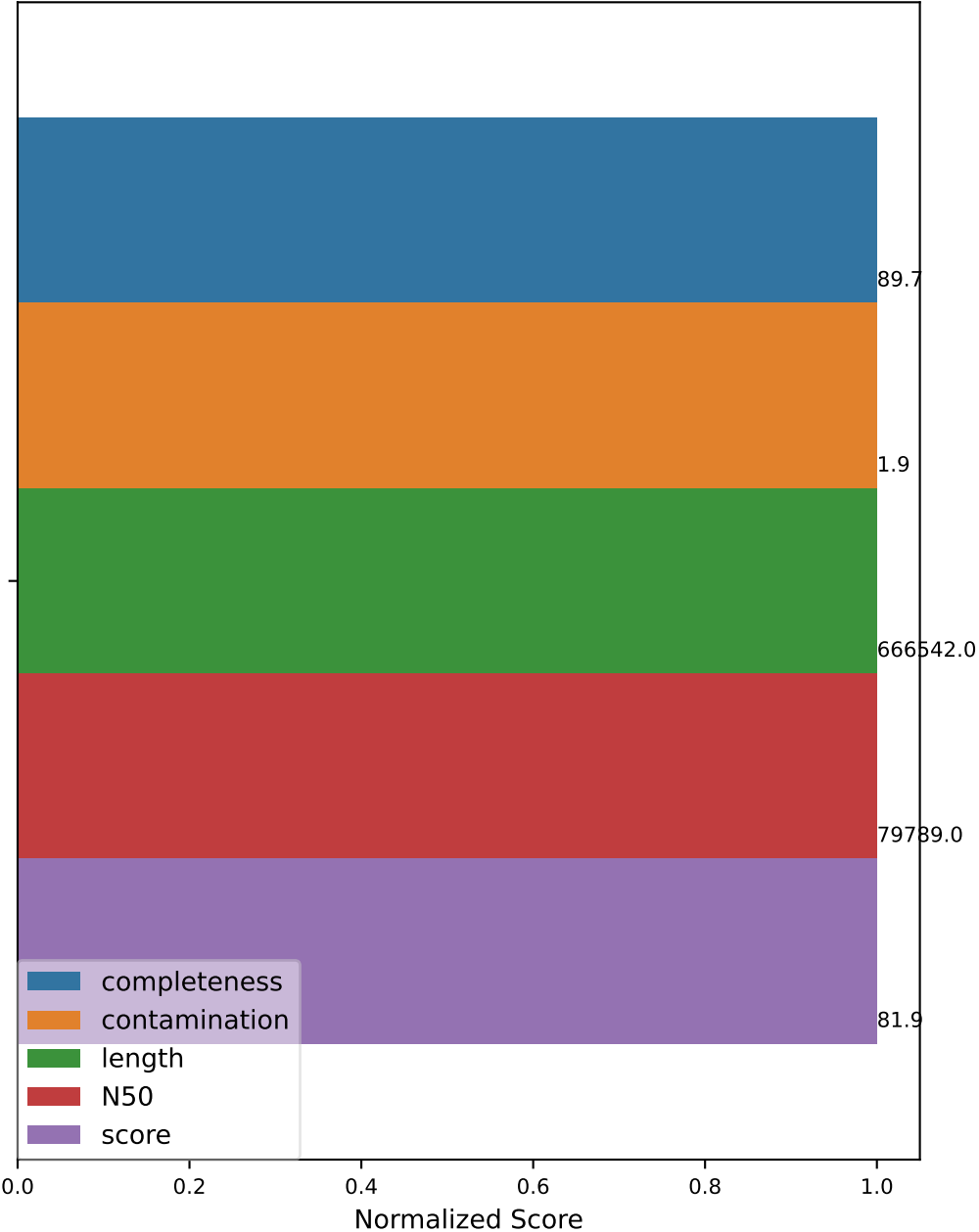
Scoring of cluster 991\_0



Scoring of cluster 992\_0

genome

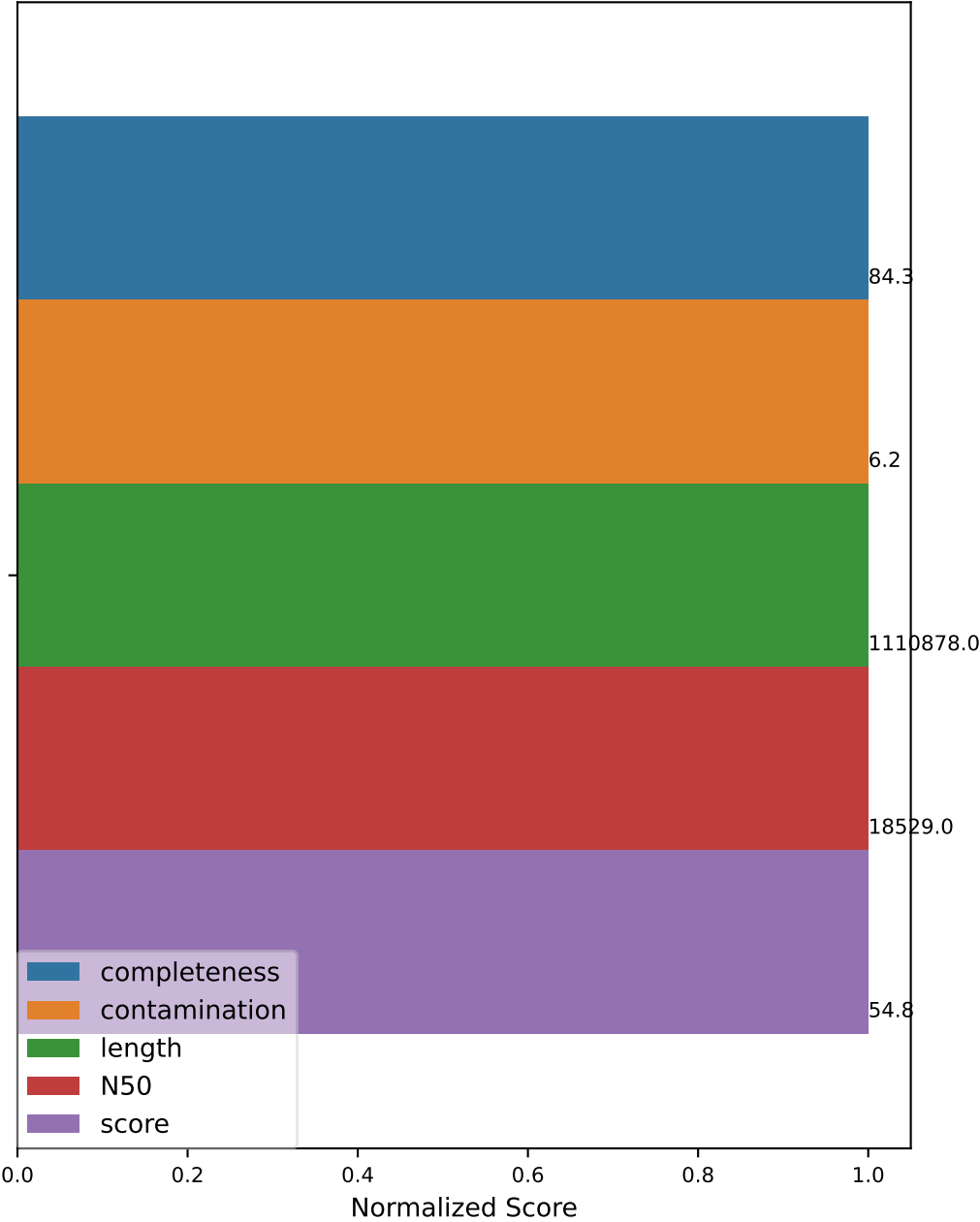
TOBG\_ARS-1358.fna \*



Scoring of cluster 993\_0

genome

TOBG\_MED-1017.fna \*





Scoring of cluster 994\_0

genome

TOBG\_MED-880.fna \*

