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5 29918 0.153911 MedGastrula1028_19O10
6 82515 0.153530 MedGastrula1015_320N24
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9 64136 0.147017 MedGastrula2000_12M13
10 32417 0.146342 MedGastrula1028_19O5
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13 110250 0.141921 MedGastrula1029_06M15
14 116069 0.141802 MedGastrula1029_60G2
15 28175 0.141316 MedGastrula1030_11I14
16 69964 0.139708 MedGastrula1015_026K24
17 57333 0.138903 MedGastrula2000_41P3
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26 110738 0.133958 MedGastrula1029_60P14
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28 110751 0.132685 MedGastrula1030_47O14
29 58933 0.132478 MedGastrula2000_03I24
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43 111230 0.125187 MedGastrula1029_60P13
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10 10381 0.071986 MedGastrula_273N3
11 9336 0.071807 MedGastrula_284B5
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13 95531 0.067301 MedGastrula1029_22I19
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15 35330 0.074258 MedGastrula1030_38O23
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19 82365 0.073935 MedGastrula1015_323K24
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13 19458 0.000001 MedGastrula_270L7

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10 7215 0.073016 MedGastrula_275P10
11 114787 0.065785 MedGastrula1029_26P4
12 8709 0.063360 MedGastrula_261E7
13 13023 0.062513 MedGastrula_226P21
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26 5291 0.000001 MedGastrula_275P14
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29 17098 0.000001 MedGastrula_253P13
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8 84096 0.112674 MedGastrula1015_027C21
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15 76160 0.088846 MedGastrula1015_351E12
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8 70006 0.082480 MedGastrula1015_346H24
9 13971 0.077269 MedGastrula_282H19
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7 54989 0.070815 MedGastrula1015_312N7
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10 11775 0.078329 MedGastrula_271J24
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19 88891 0.000001 MedGastrula1015_314C10
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23 102440 0.000001 MedGastrula1029_13M6

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3 588 0.104333 MedGastrula_230J23
4 5200 0.088134 MedGastrula_242H14
5 10059 0.087298 MedGastrula_230P3
6 20271 0.084960 MedGastrula_247A6
7 10662 0.079158 MedGastrula_239L2
8 114099 0.075041 MedGastrula1029_42I6

9 8931 0.071715 MedGastrula_251O6
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11 6382 0.067109 MedGastrula_257E12
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666 23 0.095396

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6 98735 0.123450 MedGastrula1029_52L13
7 107640 0.117956 MedGastrula1029_14G20
8 102023 0.117489 MedGastrula1029_13D7
9 103371 0.115751 MedGastrula1029_22F4
10 101520 0.107915 MedGastrula1029_55D8
11 26875 0.106924 MedGastrula1028_04C16
12 27926 0.106515 MedGastrula1028_04A14
13 95750 0.105572 MedGastrula1029_31F19
14 100905 0.104381 MedGastrula1029_13O9
15 97176 0.102633 MedGastrula1029_34G16
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20 95231 0.000001 MedGastrula1029_61E20
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22 98468 0.000001 MedGastrula1029_55E14
23 96745 0.000001 MedGastrula1029_55N17

667 23 0.062802

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6 64359 0.083328 MedGastrula2000_15D13
7 48197 0.082653 MedGastrula1015_307M21
8 68106 0.074116 MedGastrula2000_45I4
9 48300 0.071289 MedGastrula2000_23C21
10 33726 0.069572 MedGastrula1030_23E3
11 75818 0.069464 MedGastrula1015_348D13
12 59376 0.066524 MedGastrula1015_290B23
13 78396 0.064361 MedGastrula1015_340E8
14 37604 0.062594 MedGastrula1028_30C19
15 26228 0.062019 MedGastrula1030_05C18
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21 97858 0.000001 MedGastrula1029_31K15
22 77144 0.000001 MedGastrula1015_321E10
23 48189 0.000001 MedGastrula2000_17M21

668 23 0.065946

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5 92693 0.081380 MedGastrula1015_344I1
6 92734 0.079038 MedGastrula1015_314E1
7 92779 0.078329 MedGastrula1015_022A1
8 92776 0.074038 MedGastrula1015_357B1
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10 92668 0.071986 MedGastrula1015_320K1
11 92328 0.071986 MedGastrula1015_319I1
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14 92784 0.069464 MedGastrula1015_332A1
15 92773 0.067516 MedGastrula1015_338B1
16 92767 0.064576 MedGastrula1015_022B1
17 92761 0.064542 MedGastrula1015_338C1
18 92574 0.062707 MedGastrula1015_353D1
19 92550 0.062200 MedGastrula1015_353F1
20 92507 0.060365 MedGastrula1015_019I1
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669 23 0.050264

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5 78069 0.071592 MedGastrula1015_327F8
6 108454 0.071592 MedGastrula1029_09N19
7 93412 0.071388 MedGastrula1029_52F23
8 65032 0.069825 MedGastrula2000_24L11
9 51914 0.066885 MedGastrula2000_23I14
10 101712 0.066524 MedGastrula1029_40P7
11 84791 0.064542 MedGastrula1015_022C20
12 40007 0.062707 MedGastrula1030_03B14
13 95960 0.062234 MedGastrula1029_17C19
14 84787 0.062200 MedGastrula1015_350D20
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16 23382 0.058416 MedGastrula1028_01L23
17 63410 0.000001 MedGastrula1015_311F15
18 103119 0.000001 MedGastrula1030_52O5
19 65836 0.000001 MedGastrula2000_24L9
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21 94295 0.000001 MedGastrula1029_41G22
22 62870 0.000001 MedGastrula1015_305K16
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4 76678 0.111482 MedGastrula1015_321E11
5 87399 0.109938 MedGastrula1015_031K14
6 100852 0.085773 MedGastrula1029_58D9
7 75101 0.081221 MedGastrula1015_023D14
8 71572 0.080490 MedGastrula1015_334O21
9 82633 0.078363 MedGastrula1015_326D24
10 15978 0.071915 MedGastrula_262N15
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12 28038 0.071807 MedGastrula1030_19G14
13 42196 0.069644 MedGastrula1030_21O9
14 79279 0.069644 MedGastrula1015_340O6

15 101787 0.069464 MedGastrula1029_28I7
16 57198 0.066998 MedGastrula2000_31L3
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21 101644 0.000001 MedGastrula1029_35F8
22 111795 0.000001 MedGastrula1029_24F12
23 64319 0.000001 MedGastrula1015_305I13

671 23 0.050656

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5 11569 0.090745 MedGastrula_232L24
6 88644 0.083590 MedGastrula1015_319I10
7 62366 0.082709 MedGastrula2000_09M17
8 62176 0.076883 MedGastrula2000_32C17
9 67590 0.074404 MedGastrula2000_15O5
10 5086 0.073420 MedGastrula_225C15
11 78853 0.069696 MedGastrula1015_346H7
12 11030 0.067909 MedGastrula_218C1
13 87980 0.064708 MedGastrula1015_319I12
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16 4404 0.000001 MedGastrula_275E16
17 46828 0.000001 MedGastrula2000_22F23
18 14939 0.000001 MedGastrula_228F17
19 92349 0.000001 MedGastrula1015_029G1
20 18081 0.000001 MedGastrula_229H11
21 92528 0.000001 MedGastrula1015_353H1
22 46256 0.000001 MedGastrula2000_16H24
23 99676 0.000001 MedGastrula1029_11F12

672 23 0.055206

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4 9581 0.089373 MedGastrula_261E5
5 10526 0.084781 MedGastrula_272M2
6 7387 0.078363 MedGastrula_267J10
7 18825 0.077197 MedGastrula_262D9
8 10702 0.076206 MedGastrula_233H2
9 10771 0.074258 MedGastrula_249N2
10 8505 0.071807 MedGastrula_221M7
11 20011 0.069825 MedGastrula_286N6
12 21455 0.067301 MedGastrula_250L3
13 9825 0.064656 MedGastrula_275L4
14 19644 0.064542 MedGastrula_250E7
15 8030 0.062234 MedGastrula_266C8
16 9821 0.062200 MedGastrula_251L4
17 20159 0.000001 MedGastrula_253L6
18 17837 0.000001 MedGastrula_234D11
19 9894 0.000001 MedGastrula_263C4
20 11104 0.000001 MedGastrula_239K1
21 11075 0.000001 MedGastrula_227N1
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4 48594 0.084428 MedGastrula1015_297I20
5 68082 0.083170 MedGastrula2000_21K4

6 64537 0.082619 MedGastrula1015_310D12
7 47808 0.082480 MedGastrula2000_04O21
8 104203 0.082157 MedGastrula1030_46J3
9 55021 0.076098 MedGastrula1015_306K7
10 28626 0.074116 MedGastrula1028_11M13
11 65769 0.071986 MedGastrula1015_304D9
12 52666 0.066524 MedGastrula1015_294C12
13 82837 0.066490 MedGastrula1015_355C23
14 112239 0.062594 MedGastrula1029_30A11
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16 88909 0.000001 MedGastrula1015_031A10
17 99451 0.000001 MedGastrula1029_01K12
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19 100033 0.000001 MedGastrula1029_49E11
20 51773 0.000001 MedGastrula1015_297G14
21 3737 0.000001 MedGastrula_266E17
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5 19656 0.115412 MedGastrula_286D7
6 106128 0.113898 MedGastrula1029_30N23
7 75692 0.105336 MedGastrula1015_336P13
8 17241 0.104266 MedGastrula_241B13
9 12572 0.101325 MedGastrula_238L22
10 97303 0.101126 MedGastrula1029_19L16
11 60401 0.091890 MedGastrula1015_296E21
12 18087 0.089384 MedGastrula_271H11
13 60075 0.080205 MedGastrula1015_299C22
14 2454 0.079063 MedGastrula_273L20
15 20550 0.078901 MedGastrula_280E5
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17 19530 0.073314 MedGastrula_246C7
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5 73012 0.085701 MedGastrula1015_358A18
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7 74066 0.081488 MedGastrula1015_032A16
8 84479 0.080490 MedGastrula1015_331A20
9 85459 0.077197 MedGastrula1015_313A18
10 84138 0.074116 MedGastrula1015_344P21
11 84984 0.073935 MedGastrula1015_319A19
12 83944 0.073755 MedGastrula1015_337A21
13 72459 0.071915 MedGastrula1015_339A19
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15 72461 0.069644 MedGastrula1015_351A19
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5 27358 0.076613 MedGastrula1030_34G15
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7 33195 0.073386 MedGastrula1030_05F4
8 39000 0.069974 MedGastrula1028_27J16
9 84701 0.065969 MedGastrula1015_031L20
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13 37831 0.000001 MedGastrula1030_32M18
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15 34010 0.000001 MedGastrula1030_01J2
16 33057 0.000001 MedGastrula1030_01C4
17 26778 0.000001 MedGastrula1028_16L16
18 89491 0.000001 MedGastrula1015_031I8
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9 95585 0.064542 MedGastrula1029_04D19
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7 38725 0.075522 MedGastrula1028_20E16
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20 49714 0.000001 MedGastrula2000_01C18
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679 23 0.064211

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4 92464 0.090576 MedGastrula1015_035M1
5 92453 0.090040 MedGastrula1015_027N1
6 92497 0.087375 MedGastrula1015_027J1
7 92504 0.085198 MedGastrula1015_347J1
8 92488 0.083540 MedGastrula1015_317K1
9 92508 0.073961 MedGastrula1015_027I1
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16 92516 0.059005 MedGastrula1015_353I1
17 92681 0.058649 MedGastrula1015_338J1
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20 59349 0.000001 MedGastrula1015_308E23
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23 97514 0.000001 MedGastrula1029_23I16

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6 48670 0.081488 MedGastrula1015_291B20
7 48544 0.080490 MedGastrula1015_309N20
8 47775 0.080490 MedGastrula1015_307C22
9 48852 0.078442 MedGastrula1015_307A20
10 48251 0.071915 MedGastrula1015_307H21
11 48733 0.071773 MedGastrula1015_289L20
12 47784 0.068867 MedGastrula1015_289B22
13 47791 0.067301 MedGastrula2000_29A22
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15 46644 0.064576 MedGastrula2000_17F24
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682 23 0.054542

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4 113926 0.085593 MedGastrula1029_20L6
5 100510 0.082619 MedGastrula1029_25E10
6 109126 0.080490 MedGastrula1029_38L17
7 37964 0.078329 MedGastrula1028_12L18
8 112886 0.071986 MedGastrula1029_24O9
9 107599 0.069644 MedGastrula1029_20K20
10 46748 0.066704 MedGastrula2000_28M23
11 99665 0.064576 MedGastrula1029_11G12
12 56542 0.064576 MedGastrula2000_28K4
13 113329 0.064542 MedGastrula1029_18F8
14 100980 0.064542 MedGastrula1029_49H9
15 115667 0.064542 MedGastrula1029_39L3
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17 56317 0.057909 MedGastrula2000_31A5
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19 102634 0.000001 MedGastrula1029_29J6
20 64040 0.000001 MedGastrula2000_26F13
21 102172 0.000001 MedGastrula1029_17E7
22 113887 0.000001 MedGastrula1029_02P6
23 66325 0.000001 MedGastrula2000_27O8

683 23 0.096171

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5 51220 0.135833 MedGastrula1015_309J15
6 30579 0.118443 MedGastrula1030_23M9
7 111145 0.115614 MedGastrula1030_43H13
8 49016 0.114759 MedGastrula1015_312C19
9 91219 0.112079 MedGastrula1015_325P3
10 5277 0.111066 MedGastrula_260A14
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12 48030 0.101233 MedGastrula1015_309L21
13 44305 0.100220 MedGastrula1030_38K4
14 19971 0.097475 MedGastrula_228A6
15 73372 0.097350 MedGastrula1015_333P17
16 15323 0.090457 MedGastrula_270O16
17 15829 0.089057 MedGastrula_258M15

18 39911 0.089057 MedGastrula1030_09M14
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23 85212 0.000001 MedGastrula1015_320K19

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5 41832 0.147338 MedGastrula1028_21E10
6 16103 0.142457 MedGastrula_232B15
7 2709 0.136633 MedGastrula_278E19
8 51331 0.131209 MedGastrula1015_295P15
9 37209 0.128786 MedGastrula1028_15K20
10 18353 0.127606 MedGastrula_220I10
11 106054 0.117693 MedGastrula1029_20E23
12 94919 0.115885 MedGastrula1029_22P20
13 39090 0.110182 MedGastrula1028_09A16
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15 87748 0.101172 MedGastrula1015_323D13
16 13503 0.101050 MedGastrula_240C20
17 80136 0.097043 MedGastrula1015_336N4
18 12988 0.088817 MedGastrula_234D21
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6 4608 0.096677 MedGastrula_249A16
7 1324 0.095742 MedGastrula_239E22
8 4867 0.090155 MedGastrula_263I15
9 18076 0.089164 MedGastrula_265I11
10 30801 0.082371 MedGastrula1028_10G8
11 73045 0.080919 MedGastrula1015_336N18
12 81842 0.079405 MedGastrula1015_001G1
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19 18209 0.000001 MedGastrula_222J10
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686 23 0.092152

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5 100292 0.106656 MedGastrula1030_45I10
6 108372 0.104645 MedGastrula1030_53F19
7 25642 0.103832 MedGastrula1030_35K19
8 43501 0.101638 MedGastrula1030_18I6

9 69761 0.094481 MedGastrula1015_348M24
10 51681 0.091664 MedGastrula1015_303P14
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12 31153 0.090630 MedGastrula1030_41F8
13 32391 0.086492 MedGastrula1030_40B5
14 114538 0.084771 MedGastrula1029_30J5
15 42752 0.083737 MedGastrula1030_39E8
16 27354 0.079840 MedGastrula1030_10G15
17 36916 0.077398 MedGastrula1030_14H20
18 45192 0.062175 MedGastrula1030_09F3
19 49701 0.062118 MedGastrula1015_297E18
20 57245 0.054099 MedGastrula1015_309H3
21 105490 0.051757 MedGastrula1030_43I24
22 32335 0.039156 MedGastrula1030_40G5
23 110224 0.035210 MedGastrula1030_47P15

687 23 0.086423

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5 99485 0.114422 MedGastrula1029_07H12
6 67653 0.112280 MedGastrula2000_39H5
7 78633 0.106586 MedGastrula1015_001N7
8 47127 0.106586 MedGastrula2000_05L23
9 57453 0.097350 MedGastrula2000_35C3
10 32635 0.097280 MedGastrula1028_29J5
11 53622 0.093397 MedGastrula2000_04D10
12 38967 0.088115 MedGastrula1028_27M16
13 8174 0.086110 MedGastrula_275B8
14 47777 0.082762 MedGastrula2000_05B22
15 103294 0.082762 MedGastrula1029_46M4
16 29123 0.073935 MedGastrula1028_17M12
17 47044 0.069644 MedGastrula1015_309D23
18 9639 0.068867 MedGastrula_266O4
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20 36452 0.066704 MedGastrula1028_26D21
21 13577 0.000001 MedGastrula_238L20
22 54435 0.000001 MedGastrula2000_05C9
23 17951 0.000001 MedGastrula_244H11

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4 108183 0.119059 MedGastrula1030_49G19
5 102802 0.117955 MedGastrula1030_45K5
6 100953 0.110870 MedGastrula1029_61K9
7 113975 0.106027 MedGastrula1030_49G6
8 111188 0.105643 MedGastrula1030_49D13
9 112379 0.090476 MedGastrula1029_08L10
10 97637 0.089111 MedGastrula1030_45O15
11 110068 0.088113 MedGastrula1030_43O15
12 111770 0.087792 MedGastrula1030_47I12
13 110091 0.085834 MedGastrula1030_49M15
14 109290 0.085121 MedGastrula1030_47M17
15 113162 0.083782 MedGastrula1030_43J8
16 112171 0.081825 MedGastrula1030_47I11
17 113541 0.079215 MedGastrula1030_49M17
18 110596 0.074184 MedGastrula1030_49M14
19 113891 0.000001 MedGastrula1029_26P6
20 115912 0.000001 MedGastrula1029_26E2
21 53518 0.000001 MedGastrula2000_22N10
22 112036 0.000001 MedGastrula1029_44K11
23 109099 0.000001 MedGastrula1030_49O17

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5 7730 0.102633 MedGastrula_239D9
6 22480 0.098293 MedGastrula_244A1
7 1821 0.097617 MedGastrula_281G21
8 10301 0.092227 MedGastrula_275H3
9 6314 0.087517 MedGastrula_263L12
10 12630 0.085773 MedGastrula_274G22
11 11293 0.083099 MedGastrula_255H1
12 6316 0.081151 MedGastrula_275L12
13 21162 0.068975 MedGastrula_217I4
14 11839 0.000001 MedGastrula_265D24
15 14479 0.000001 MedGastrula_282F18
16 14734 0.000001 MedGastrula_253K18
17 18178 0.000001 MedGastrula_276N10
18 6113 0.000001 MedGastrula_284O12
19 19657 0.000001 MedGastrula_220C7
20 12020 0.000001 MedGastrula_264B23
21 21500 0.000001 MedGastrula_250H3
22 8347 0.000001 MedGastrula_242M7
23 11152 0.000001 MedGastrula_227F1

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3 47471 0.085593 MedGastrula2000_07N22
4 9388 0.082833 MedGastrula_233L5
5 13445 0.082653 MedGastrula_258I20
6 8881 0.082653 MedGastrula_272E6
7 194 0.080311 MedGastrula_251O24
8 22287 0.080311 MedGastrula_246F1
9 3808 0.080311 MedGastrula_281N17
10 21995 0.078363 MedGastrula_226F2
11 21633 0.078329 MedGastrula_277L3
12 20732 0.074038 MedGastrula_271D5
13 8000 0.067301 MedGastrula_260F8
14 10723 0.064542 MedGastrula_227E2
15 7855 0.064361 MedGastrula_243D9
16 6460 0.064361 MedGastrula_219L12
17 13719 0.062234 MedGastrula_247O20
18 6648 0.062234 MedGastrula_266K11
19 12034 0.062019 MedGastrula_232P23
20 20200 0.059891 MedGastrula_241H6
21 104 0.059891 MedGastrula_248G24
22 3488 0.057909 MedGastrula_255L18
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4 39076 0.095740 MedGastrula1030_33C16
5 99718 0.088044 MedGastrula1029_11B12
6 78659 0.085773 MedGastrula1015_336L7
7 40600 0.083901 MedGastrula1028_08F12
8 12209 0.082550 MedGastrula_235O23
9 109356 0.079611 MedGastrula1029_30F17
10 96233 0.077268 MedGastrula1029_01K18
11 29167 0.077197 MedGastrula1030_29I12
12 22348 0.071915 MedGastrula_274P1
13 105581 0.071592 MedGastrula1030_47P24
14 48098 0.069644 MedGastrula2000_07E21

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20 62802 0.000001 MedGastrula2000_12A16
21 109932 0.000001 MedGastrula1029_03L16
22 67467 0.000001 MedGastrula2000_18O5
23 37577 0.000001 MedGastrula1028_24F19

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3 13781 0.128335 MedGastrula_217I20
4 11500 0.098679 MedGastrula_276D24
5 930 0.096957 MedGastrula_261J23
6 17302 0.088044 MedGastrula_246L12
7 94058 0.084428 MedGastrula1029_31L22
8 59868 0.083611 MedGastrula1015_296F22
9 91795 0.082991 MedGastrula1015_002I2
10 52766 0.081165 MedGastrula1015_303J12
11 14213 0.079038 MedGastrula_223O19
12 91931 0.071986 MedGastrula1015_013M2
13 84452 0.071807 MedGastrula1015_021C20
14 30777 0.069644 MedGastrula1028_04I8
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16 36871 0.062234 MedGastrula1028_08L20
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6 24711 0.090387 MedGastrula1028_11B21
7 112018 0.090064 MedGastrula1030_49N11
8 101231 0.087124 MedGastrula1029_04N8
9 65695 0.086944 MedGastrula1015_310K9
10 78083 0.079217 MedGastrula1015_351E8
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14 49977 0.066524 MedGastrula1015_300K17
15 27911 0.064542 MedGastrula1030_22C14
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5 99781 0.101693 MedGastrula1029_58M11

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7 28271 0.095471 MedGastrula1030_40P13
8 79982 0.094929 MedGastrula1015_017K4
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13 88098 0.076409 MedGastrula1015_013L12
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7 83513 0.106681 MedGastrula1015_341G22
8 8075 0.106547 MedGastrula_257N8
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10 77783 0.092146 MedGastrula1015_036C9
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15 83832 0.078571 MedGastrula1015_355K21
16 74270 0.078421 MedGastrula1015_334O16
17 14210 0.076823 MedGastrula_259P19
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19 8139 0.070093 MedGastrula_269G8
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7 14527 0.102268 MedGastrula_268P18
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15 35821 0.069041 MedGastrula1028_20P22
16 25962 0.000001 MedGastrula1028_07L18
17 8859 0.000001 MedGastrula_278G6
18 1770 0.000001 MedGastrula_221K21
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11 35447 0.066524 MedGastrula1030_26D23
12 94277 0.064576 MedGastrula1029_05H22
13 101328 0.064576 MedGastrula1030_51F8
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7 109703 0.081488 MedGastrula1029_32B16
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10 82822 0.077269 MedGastrula1015_337D23
11 110009 0.076098 MedGastrula1029_09D16
12 43990 0.071986 MedGastrula1030_42J5
13 84080 0.071986 MedGastrula1015_329E21
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15 108116 0.064576 MedGastrula1029_50M19
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20 78621 0.000001 MedGastrula1015_354P7
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4 103254 0.085887 MedGastrula1030_46A5
5 111528 0.080614 MedGastrula1030_44A13
6 103221 0.077549 MedGastrula1030_46D5
7 107538 0.075300 MedGastrula1030_44A21
8 103199 0.068698 MedGastrula1030_46F5
9 109835 0.064671 MedGastrula1029_48E16
10 113352 0.064671 MedGastrula1029_60D8
11 108368 0.063703 MedGastrula1029_48F19
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6 29640 0.101233 MedGastrula1030_35J11
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5 95957 0.072583 MedGastrula1030_52D19
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7 104302 0.069859 MedGastrula1030_46A3
8 105347 0.069644 MedGastrula1029_23E1
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9 14369 0.094848 MedGastrula_217A19
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12 14279 0.089637 MedGastrula_223I19
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11 113349 0.068833 MedGastrula1029_36D8
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7 9159 0.104077 MedGastrula_261D6
8 16745 0.102532 MedGastrula_241C14
9 114978 0.101742 MedGastrula1029_12N4
10 12661 0.099785 MedGastrula_274D22
11 89881 0.092143 MedGastrula1015_022C7
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8 35629 0.101360 MedGastrula1028_24B23
9 96993 0.096337 MedGastrula1029_17G17
10 85740 0.091349 MedGastrula1015_029O17
11 115482 0.071731 MedGastrula1029_36M3
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6 84518 0.071289 MedGastrula1015_013M20
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14 87135 0.000001 MedGastrula1015_002H14
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5 54183 0.096997 MedGastrula2000_31M9
6 57915 0.094454 MedGastrula1015_295E2
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8 68438 0.086150 MedGastrula2000_30H3
9 8009 0.085137 MedGastrula_266E8
10 33831 0.084145 MedGastrula1028_28K2
11 102649 0.083159 MedGastrula1029_05H6
12 102153 0.068592 MedGastrula1029_23G7
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5 102107 0.069060 MedGastrula1030_46M7
6 105330 0.067580 MedGastrula1029_59G1
7 103255 0.065793 MedGastrula1030_52A5
8 102169 0.064047 MedGastrula1030_46F7
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8 6620 0.078549 MedGastrula_218M11
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5 94773 0.082619 MedGastrula1029_11M21
6 26593 0.071807 MedGastrula1030_41O17
7 1092 0.068833 MedGastrula_236K22
8 39741 0.067301 MedGastrula1030_42P14
9 30246 0.066998 MedGastrula1030_34N9
10 17087 0.064542 MedGastrula_256A13
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12 75806 0.062594 MedGastrula1015_342E13
13 11100 0.062234 MedGastrula_257L1
14 71791 0.062234 MedGastrula1015_351L20
15 3987 0.060251 MedGastrula_243L17
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5 14449 0.075485 MedGastrula_264I18
6 21103 0.075117 MedGastrula_283P4
7 33439 0.067630 MedGastrula1030_31P3
8 15028 0.065881 MedGastrula_226L17
9 101660 0.064143 MedGastrula1029_05D8
10 23300 0.059560 MedGastrula1030_10D23
11 41429 0.057660 MedGastrula1030_02P10
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6 40097 0.104510 MedGastrula1028_14I13
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8 22916 0.099228 MedGastrula1030_37G24
9 26249 0.098214 MedGastrula1030_05A18
10 74228 0.097294 MedGastrula1015_014B16
11 41692 0.083170 MedGastrula1030_24D10
12 81150 0.079217 MedGastrula1015_327C2
13 22514 0.068975 MedGastrula_259M1
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5 8228 0.068833 MedGastrula_285K8
6 9335 0.064542 MedGastrula_278B5
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8 8599 0.062234 MedGastrula_251B7
9 9849 0.000001 MedGastrula_275I4
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12 10269 0.000001 MedGastrula_257K3
13 9798 0.000001 MedGastrula_257O4
14 10455 0.000001 MedGastrula_285F3
15 8550 0.000001 MedGastrula_269I7
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5 60753 0.087124 MedGastrula1015_310E20
6 75662 0.086944 MedGastrula1015_023B13
7 6914 0.085593 MedGastrula_231N11
8 78336 0.082653 MedGastrula1015_033J8
9 76600 0.082653 MedGastrula1015_009L11
10 16277 0.080311 MedGastrula_271C15
11 83678 0.078329 MedGastrula1015_314H22
12 14935 0.069572 MedGastrula_264G17
13 12346 0.068867 MedGastrula_223B23
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15 409 0.060251 MedGastrula_219J24
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6 107355 0.071289 MedGastrula1029_42A21
7 109619 0.071176 MedGastrula1029_44K16
8 44181 0.071176 MedGastrula1028_09F5
9 45447 0.068833 MedGastrula1028_12J2
10 22636 0.066885 MedGastrula1030_22P24

11 101398 0.066524 MedGastrula1029_25O8
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13 39740 0.000001 MedGastrula1030_36P14
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5 5332 0.071807 MedGastrula_275L14
6 20219 0.071807 MedGastrula_217F6
7 17436 0.069644 MedGastrula_232N12
8 8903 0.067516 MedGastrula_236B6
9 4477 0.066704 MedGastrula_231M16
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12 10119 0.000001 MedGastrula_254K3
13 11566 0.000001 MedGastrula_286M24
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5 81612 0.104510 MedGastrula1015_333K1
6 85938 0.101571 MedGastrula1015_347J17
7 106216 0.098679 MedGastrula1030_53G23
8 22638 0.095740 MedGastrula1030_34P24
9 83687 0.082991 MedGastrula1015_016G22
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7 65779 0.066998 MedGastrula1015_292C9
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7 105755 0.075919 MedGastrula1029_09O24
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5 22355 0.104510 MedGastrula_250O1
6 20671 0.093003 MedGastrula_217I5
7 60552 0.090984 MedGastrula2000_03F21
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9 62563 0.088712 MedGastrula2000_20J16
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12 115645 0.069859 MedGastrula1029_45N3
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5 58530 0.066998 MedGastrula1015_292M24
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7 58488 0.066524 MedGastrula2000_14P24
8 54568 0.064542 MedGastrula2000_34G8
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7 91462 0.074150 MedGastrula1015_347I3
8 9538 0.074116 MedGastrula_279K5
9 10327 0.074116 MedGastrula_251D3
10 9208 0.074116 MedGastrula_266N5
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4 32757 0.078880 MedGastrula1030_34O4
5 103845 0.078520 MedGastrula1029_58J3
6 75262 0.076098 MedGastrula1015_348F14
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8 104906 0.071807 MedGastrula1029_04K1
9 107171 0.071552 MedGastrula1029_32A21
10 97144 0.066998 MedGastrula1029_52J16

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5 63773 0.074229 MedGastrula1015_305P14
6 67552 0.074150 MedGastrula2000_12C5
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8 75266 0.071289 MedGastrula1015_028E14
9 75448 0.071176 MedGastrula1015_346E14
10 98597 0.068867 MedGastrula1029_59I14
11 74682 0.066998 MedGastrula1015_028J15
12 22573 0.064576 MedGastrula_241G1
13 103439 0.062234 MedGastrula1029_07P4
14 107413 0.062234 MedGastrula1029_51L21
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5 97072 0.101407 MedGastrula1029_34P16
6 114877 0.101088 MedGastrula1029_08G4
7 115370 0.099230 MedGastrula1029_32G3
8 114921 0.095180 MedGastrula1029_14C4
9 112802 0.093139 MedGastrula1029_14G9
10 115298 0.089223 MedGastrula1029_26N3
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14 111068 0.073744 MedGastrula1029_38P13
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6 22038 0.082833 MedGastrula_280B2
7 6549 0.082619 MedGastrula_219D12
8 10727 0.078363 MedGastrula_269E2
9 3413 0.077197 MedGastrula_245C18
10 2153 0.073935 MedGastrula_248H20
11 18412 0.070995 MedGastrula_238B10
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7 4202 0.067301 MedGastrula_272I16
8 81138 0.066704 MedGastrula1015_321D2
9 108854 0.066490 MedGastrula1029_24H18
10 89190 0.062970 MedGastrula1015_022E9
11 17843 0.062707 MedGastrula_276D11
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5 12390 0.088602 MedGastrula_246N22
6 14435 0.081522 MedGastrula_222J18
7 96934 0.079231 MedGastrula1029_53M17
8 5055 0.078999 MedGastrula_237F15
9 4118 0.076656 MedGastrula_248P16
10 22294 0.069088 MedGastrula_234E1
11 83110 0.061410 MedGastrula1015_022J23
12 64174 0.000001 MedGastrula2000_36I13
13 17143 0.000001 MedGastrula_277L13
14 75832 0.000001 MedGastrula1015_028B13
15 16428 0.000001 MedGastrula_246C14
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5 75319 0.075884 MedGastrula1015_336A14
6 108192 0.068147 MedGastrula1030_43F19
7 52865 0.065961 MedGastrula2000_23P12
8 19867 0.064924 MedGastrula_222L6
9 5149 0.063466 MedGastrula_242M14
10 106595 0.060188 MedGastrula1030_43D22

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12 6741 0.000001 MedGastrula_272B11
13 32530 0.000001 MedGastrula1030_37E5
14 13615 0.000001 MedGastrula_268I20
15 18190 0.000001 MedGastrula_228L10
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4 5728 0.084893 MedGastrula_218D13
5 15758 0.082085 MedGastrula_253D16
6 15260 0.081488 MedGastrula_235E17
7 18424 0.081165 MedGastrula_217P10
8 16678 0.069644 MedGastrula_235I14
9 3050 0.067516 MedGastrula_279E19
10 4110 0.066704 MedGastrula_267A17
11 14336 0.066524 MedGastrula_229D19
12 5458 0.000001 MedGastrula_285N14
13 3933 0.000001 MedGastrula_233A17
14 20268 0.000001 MedGastrula_217A6
15 16048 0.000001 MedGastrula_226G15
16 3863 0.000001 MedGastrula_227H17
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5 75723 0.083430 MedGastrula1015_330M13
6 5271 0.082619 MedGastrula_278B14
7 13223 0.076098 MedGastrula_265N21
8 15467 0.074038 MedGastrula_250P16
9 86544 0.072583 MedGastrula1015_314F16
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4 15263 0.093003 MedGastrula_265E17
5 99697 0.088044 MedGastrula1029_17D12
6 3418 0.084781 MedGastrula_281C18
7 17324 0.082653 MedGastrula_264J12
8 12536 0.082619 MedGastrula_280P22
9 52575 0.081151 MedGastrula1015_300K12
10 41250 0.000001 MedGastrula1030_18C11
11 13826 0.000001 MedGastrula_283F20
12 64967 0.000001 MedGastrula1015_292D11
13 65211 0.000001 MedGastrula1015_293D11
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4 27192 0.077754 MedGastrula1028_11E16
5 57336 0.076261 MedGastrula1015_301P3
6 21252 0.073848 MedGastrula_222P3
7 114222 0.070372 MedGastrula1030_50N6
8 108630 0.069814 MedGastrula1029_02M18
9 60915 0.064086 MedGastrula1015_308D20
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13 61153 0.000001 MedGastrula1015_304N19
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4 7690 0.093091 MedGastrula_281J9
5 70 0.090938 MedGastrula_260J24
6 750 0.077467 MedGastrula_251K23
7 846 0.075823 MedGastrula_275B23
8 15763 0.070682 MedGastrula_283D16
9 13369 0.068490 MedGastrula_265A21
10 35 0.067754 MedGastrula_236M24
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13 4634 0.056055 MedGastrula_278O15
14 13858 0.000001 MedGastrula_283C20
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5 3025 0.087936 MedGastrula_267G19
6 5081 0.084091 MedGastrula_267D15
7 4038 0.082991 MedGastrula_279H17
8 16650 0.082653 MedGastrula_247L14
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5 115959 0.088774 MedGastrula1029_26A2
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4 87328 0.076020 MedGastrula1015_347C14
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7 77239 0.066998 MedGastrula1015_354L10
8 52085 0.062234 MedGastrula1015_300I13
9 5110 0.062234 MedGastrula_237A15
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13 91384 0.000001 MedGastrula1015_355A3
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8 19189 0.081488 MedGastrula_280L8
9 82662 0.076874 MedGastrula1015_003A24
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6 7804 0.081009 MedGastrula_225J9
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8 10544 0.076498 MedGastrula_260K2
9 7924 0.074198 MedGastrula_266M8
10 20217 0.073698 MedGastrula_277G6
11 20726 0.067656 MedGastrula_277E5
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13 8648 0.064450 MedGastrula_225L7
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4 39707 0.111360 MedGastrula1030_08C14
5 27818 0.110593 MedGastrula1030_40L14
6 23935 0.108214 MedGastrula1030_25J22
7 105990 0.107228 MedGastrula1030_43K23
8 111255 0.104168 MedGastrula1030_47N13
9 28455 0.098978 MedGastrula1030_13N13
10 26620 0.094475 MedGastrula1030_17L17

11 31042 0.087044 MedGastrula1030_23P8
12 27534 0.086136 MedGastrula1030_37G15
13 24505 0.067067 MedGastrula1030_01E21
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5 114850 0.088044 MedGastrula1029_32J4
6 91906 0.086433 MedGastrula1015_341P2
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8 71120 0.125395 MedGastrula1015_018G22
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9 16458 0.000001 MedGastrula_262P14
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6 58345 0.095353 MedGastrula2000_05M1
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4 67520 0.097242 MedGastrula2000_36H5
5 52185 0.095621 MedGastrula2000_43P13
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8 60916 0.084067 MedGastrula2000_48D20
9 99107 0.079808 MedGastrula1029_59J13
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9 20592 0.094340 MedGastrula_274A5
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3 83456 0.099886 MedGastrula1015_335L22
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5 15511 0.077733 MedGastrula_250L16

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9 4493 0.064431 MedGastrula_261L16
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11 15484 0.063067 MedGastrula_220N16
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11 46336 0.071807 MedGastrula2000_04A24
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9 34658 0.066524 MedGastrula1030_23L1
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6 78290 0.077197 MedGastrula1015_334P8
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6 73902 0.071552 MedGastrula1015_327P16
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11 16589 0.000001 MedGastrula_238B14
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7 36407 0.074328 MedGastrula1030_38I21
8 31881 0.069464 MedGastrula1030_28B6
9 41657 0.066704 MedGastrula1030_42I10
10 32945 0.066524 MedGastrula1030_19N4
11 27551 0.066524 MedGastrula1030_07E15
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5 58294 0.132685 MedGastrula1015_303C1
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11 61473 0.078880 MedGastrula1015_305M19
12 61471 0.078700 MedGastrula1015_293M19
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8 60308 0.057507 MedGastrula2000_18N21
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8 51517 0.081094 MedGastrula1015_312O14
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 6 75273 0.077197 MedGastrula1015_348E14
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 9 86229 0.000001 MedGastrula1015_349H16
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 5 111685 0.093003 MedGastrula1029_20A12
 6 59823 0.084091 MedGastrula2000_30J22
 7 39303 0.069825 MedGastrula1030_12L15
 8 40324 0.069644 MedGastrula1030_30A13
 9 29177 0.067516 MedGastrula1030_29H12
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 5 83452 0.093326 MedGastrula1015_019L22
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 9 89751 0.000001 MedGastrula1015_341G7
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 5 8140 0.074150 MedGastrula_275G8
 6 13114 0.071176 MedGastrula_256H21

7 19090 0.069644 MedGastrula_234G8
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6 51495 0.095683 MedGastrula2000_10P14
7 60184 0.093397 MedGastrula2000_32I21
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5 53068 0.068833 MedGastrula2000_22K11
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7 56533 0.000001 MedGastrula2000_34L4
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9 55542 0.000001 MedGastrula2000_40J6
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4 53517 0.074855 MedGastrula2000_10N10
5 53094 0.071915 MedGastrula1015_312I11
6 63221 0.071915 MedGastrula2000_36H15
7 65261 0.071915 MedGastrula2000_20O10
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6 13810 0.083983 MedGastrula_259G20
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4 61865 0.082833 MedGastrula1015_290C18
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 5 4658 0.062234 MedGastrula_242L15
 6 6400 0.000001 MedGastrula_251C12
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 4 31801 0.068867 MedGastrula1030_10I6
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5 79177 0.069825 MedGastrula1015_342I6
6 36116 0.000001 MedGastrula1028_30D22
7 77133 0.000001 MedGastrula1015_321F10
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4 53894 0.074328 MedGastrula2000_29I10
5 67111 0.071915 MedGastrula2000_48C6
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3 53300 0.062707 MedGastrula2000_43E11
4 51204 0.000001 MedGastrula2000_37K15
5 63838 0.000001 MedGastrula2000_03I14
6 53794 0.000001 MedGastrula2000_43D10
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3 46573 0.082157 MedGastrula1015_301M24
4 67602 0.081165 MedGastrula2000_27N5
5 81229 0.077197 MedGastrula1015_028L2
6 76130 0.076874 MedGastrula1015_017G12
7 73776 0.069644 MedGastrula1015_026K17
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2 50589 0.080311 MedGastrula2000_40D16
3 47314 0.069644 MedGastrula1015_294L22
4 65253 0.062234 MedGastrula2000_44P10
5 38173 0.062234 MedGastrula1030_27D18
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7 66519 0.059891 MedGastrula2000_26H7
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9 63459 0.000001 MedGastrula1015_293A15
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3 59555 0.086504 MedGastrula1015_293B23
4 51891 0.083645 MedGastrula1015_307L14
5 56937 0.076098 MedGastrula2000_11D4
6 39866 0.069644 MedGastrula1030_36B14
7 27164 0.068975 MedGastrula1030_17H16
8 115730 0.066524 MedGastrula1029_09E3
9 63613 0.000001 MedGastrula1015_310C14
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2 115668 0.082619 MedGastrula1029_45L3
3 37622 0.000001 MedGastrula1028_06A19

4 1556 0.000001 MedGastrula_218O21
5 68427 0.000001 MedGastrula2000_18I3
6 110285 0.000001 MedGastrula1030_53K15
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8 31993 0.000001 MedGastrula1030_01G6
9 104079 0.000001 MedGastrula1029_37E3
1938 9 0.041664
1 86969 0.095346 MedGastrula1015_332J15
2 106806 0.075580 MedGastrula1029_12A22
3 81096 0.069825 MedGastrula1015_339H2
4 84692 0.069644 MedGastrula1015_320M20
5 79558 0.064576 MedGastrula1015_339D5
6 80182 0.000001 MedGastrula1015_318I4
7 75392 0.000001 MedGastrula1015_340J14
8 75064 0.000001 MedGastrula1015_351H14
9 87425 0.000001 MedGastrula1015_320H14
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3 42990 0.095346 MedGastrula1028_18L7
4 37235 0.088381 MedGastrula1030_39I20
5 37691 0.079146 MedGastrula1028_21J19
6 40392 0.074855 MedGastrula1028_09J13
7 40833 0.060251 MedGastrula1028_15N12
8 43658 0.000001 MedGastrula1030_33I6
9 37861 0.000001 MedGastrula1028_08I18
1940 9 0.089594
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2 88755 0.127442 MedGastrula1015_013J10
3 41386 0.109680 MedGastrula1028_15D11
4 81506 0.109425 MedGastrula1015_334D2
5 84844 0.094358 MedGastrula1015_343O19
6 89672 0.083131 MedGastrula1015_325C7
7 41425 0.081512 MedGastrula1030_39A11
8 110169 0.068470 MedGastrula1030_49E15
9 109323 0.000001 MedGastrula1030_47J17
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2 49716 0.117621 MedGastrula2000_13C18
3 49739 0.111547 MedGastrula2000_13A18
4 58231 0.090937 MedGastrula2000_37H1
5 48632 0.085699 MedGastrula2000_13E20
6 47569 0.080417 MedGastrula2000_13E22
7 48620 0.079696 MedGastrula2000_13F20
8 50749 0.077059 MedGastrula2000_13E16
9 48654 0.066936 MedGastrula2000_13C20
1942 9 0.057327
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2 95844 0.088692 MedGastrula1029_53N19
3 748 0.070531 MedGastrula_233K23
4 98042 0.066770 MedGastrula1029_53K15
5 90296 0.065202 MedGastrula1015_357A6
6 68008 0.063873 MedGastrula2000_12C4
7 105748 0.054676 MedGastrula1029_27P24
8 61866 0.000001 MedGastrula1015_296C18
9 16410 0.000001 MedGastrula_258E14
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4 27363 0.071807 MedGastrula1028_22F15
5 43675 0.062200 MedGastrula1030_15G6
6 27423 0.000001 MedGastrula1030_40A15

7 32510 0.000001 MedGastrula1028_01F5
8 27264 0.000001 MedGastrula1030_16O15
9 28473 0.000001 MedGastrula1028_13L13
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2 114267 0.118510 MedGastrula1029_45F6
3 106336 0.098366 MedGastrula1029_09K23
4 109536 0.064311 MedGastrula1029_33C17
5 113871 0.059811 MedGastrula1029_45B7
6 110378 0.047253 MedGastrula1030_47B15
7 110531 0.036025 MedGastrula1030_50C15
8 113005 0.000001 MedGastrula1029_09O9
9 94335 0.000001 MedGastrula1029_29C22
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2 39200 0.102633 MedGastrula1028_08F15
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4 59696 0.085773 MedGastrula1015_292F22
5 59358 0.085773 MedGastrula1015_296D23
6 107223 0.074258 MedGastrula1030_53M21
7 49781 0.069464 MedGastrula1015_307N18
8 64680 0.000001 MedGastrula2000_18C12
9 63526 0.000001 MedGastrula2000_44K14
1946 9 0.068535
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2 53406 0.077056 MedGastrula2000_23I11
3 59367 0.074294 MedGastrula1015_296C23
4 53467 0.074245 MedGastrula2000_35C11
5 51342 0.066716 MedGastrula1015_295O15
6 59951 0.062901 MedGastrula1015_305N22
7 50304 0.059040 MedGastrula2000_35N17
8 54921 0.053817 MedGastrula2000_05D8
9 13443 0.039879 MedGastrula_246I20
1947 9 0.094203
1 31800 0.108384 MedGastrula1030_04I6
2 40218 0.105157 MedGastrula1030_30M13
3 30961 0.105027 MedGastrula1030_25H8
4 34927 0.101910 MedGastrula1030_20D24
5 101770 0.095403 MedGastrula1030_51K7
6 30845 0.092176 MedGastrula1028_28C8
7 32591 0.087778 MedGastrula1030_29O5
8 111618 0.079615 MedGastrula1030_43H12
9 35619 0.072379 MedGastrula1030_06C23
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2 66149 0.117570 MedGastrula2000_26G8
3 107584 0.112674 MedGastrula1029_02L20
4 65327 0.112674 MedGastrula2000_20H10
5 63603 0.090064 MedGastrula2000_08C14
6 64890 0.082762 MedGastrula1015_292M11
7 115650 0.072512 MedGastrula1029_03M3
8 58611 0.071915 MedGastrula2000_32F24
9 62595 0.000001 MedGastrula2000_14G16
1949 9 0.076639
1 69285 0.113207 MedGastrula2000_06M1
2 63615 0.093135 MedGastrula2000_08B14
3 61741 0.077780 MedGastrula2000_38B18
4 59689 0.077447 MedGastrula2000_08F22
5 64867 0.071484 MedGastrula2000_08O11
6 65789 0.070447 MedGastrula2000_38B9
7 55060 0.068156 MedGastrula2000_40G7
8 53561 0.060844 MedGastrula2000_46J10
9 61724 0.057252 MedGastrula2000_08C18

1950 9 0.106069
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2 24398 0.134572 MedGastrula1028_25O21
3 103865 0.127192 MedGastrula1029_46H3
4 23728 0.114422 MedGastrula1028_04L22
5 26823 0.099559 MedGastrula1028_28H16
6 42392 0.090984 MedGastrula1028_08K8
7 39018 0.074926 MedGastrula1028_09H16
8 45807 0.071915 MedGastrula1030_26D1
9 29830 0.066524 MedGastrula1028_10H10

1951 9 0.055975
1 62648 0.090876 MedGastrula1015_304C16
2 11730 0.082545 MedGastrula_277N24
3 78727 0.077263 MedGastrula1015_348D7
4 15239 0.070806 MedGastrula_229G17
5 16868 0.069785 MedGastrula_246G13
6 64046 0.059480 MedGastrula1015_310F13
7 78532 0.053014 MedGastrula1015_345H7
8 12905 0.000001 MedGastrula_252M21
9 62123 0.000001 MedGastrula2000_38H17

1952 9 0.116948
1 20413 0.169026 MedGastrula_222B5
2 7674 0.165281 MedGastrula_233K9
3 12488 0.159998 MedGastrula_270E22
4 5164 0.150214 MedGastrula_272L14
5 20827 0.134423 MedGastrula_252J4
6 2315 0.109266 MedGastrula_245I20
7 9690 0.093326 MedGastrula_260J4
8 9701 0.070995 MedGastrula_254I4
9 10168 0.000001 MedGastrula_236F3

1953 9 0.062887
1 112807 0.141211 MedGastrula1030_43G9
2 107044 0.137258 MedGastrula1030_43M21
3 61832 0.106228 MedGastrula2000_48H18
4 111981 0.099631 MedGastrula1030_50B12
5 110808 0.081651 MedGastrula1030_53J14
6 111431 0.000001 MedGastrula1030_50K13
7 60319 0.000001 MedGastrula2000_24M21
8 65491 0.000001 MedGastrula2000_48C10
9 51022 0.000001 MedGastrula2000_22K15

1954 9 0.065576
1 111619 0.130343 MedGastrula1030_49H12
2 112775 0.120510 MedGastrula1030_43L9
3 107117 0.109526 MedGastrula1030_49F21
4 113939 0.078880 MedGastrula1030_43K6
5 112398 0.076695 MedGastrula1029_38J10
6 115950 0.074229 MedGastrula1029_44B2
7 110052 0.000001 MedGastrula1029_26P15
8 105413 0.000001 MedGastrula1029_26O24
9 116391 0.000001 MedGastrula1029_56J1

1955 9 0.031373
1 53419 0.079038 MedGastrula1015_295H11
2 108949 0.071773 MedGastrula1029_27O18
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4 26956 0.062707 MedGastrula1028_07L16
5 36086 0.000001 MedGastrula1028_30G22
6 12078 0.000001 MedGastrula_256L23
7 3637 0.000001 MedGastrula_284N17
8 16627 0.000001 MedGastrula_229N14
9 58947 0.000001 MedGastrula2000_21H24

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2 41137 0.078719 MedGastrula1030_36P11

3 45546 0.073729 MedGastrula1030_33P2
4 41134 0.072447 MedGastrula1030_12P11
5 42383 0.069265 MedGastrula1028_20L8
6 110328 0.068875 MedGastrula1029_24F15
7 107149 0.050696 MedGastrula1029_44C21
8 22529 0.000001 MedGastrula_229K1
9 16930 0.000001 MedGastrula_252A13
1957 9 0.061431
1 58121 0.115543 MedGastrula2000_34B1
2 16612 0.077089 MedGastrula_277P14
3 58133 0.077055 MedGastrula2000_40A1
4 62206 0.074855 MedGastrula2000_18P17
5 50635 0.074328 MedGastrula2000_31P16
6 5512 0.069644 MedGastrula_255H14
7 55600 0.064361 MedGastrula2000_10D6
8 58105 0.000001 MedGastrula2000_10C1
9 59904 0.000001 MedGastrula2000_18B22
1958 9 0.061258
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2 99345 0.108659 MedGastrula1029_04D12
3 104431 0.106530 MedGastrula1029_22E2
4 40307 0.074229 MedGastrula1028_30B13
5 31266 0.074150 MedGastrula1028_10K7
6 104533 0.071986 MedGastrula1029_07L2
7 36430 0.000001 MedGastrula1028_26F21
8 102884 0.000001 MedGastrula1029_04C5
9 106087 0.000001 MedGastrula1029_02B23
1959 9 0.068959
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2 49461 0.098293 MedGastrula2000_16J18
3 59677 0.081302 MedGastrula2000_08G22
4 60693 0.077197 MedGastrula2000_38J20
5 64495 0.067516 MedGastrula2000_08G12
6 64434 0.066704 MedGastrula2000_38M12
7 47874 0.066524 MedGastrula2000_16I21
8 48415 0.057909 MedGastrula2000_40I20
9 54015 0.000001 MedGastrula2000_10L9
1960 9 0.049723
1 46367 0.122801 MedGastrula1015_297O24
2 19926 0.098346 MedGastrula_264G6
3 15025 0.080664 MedGastrula_280M17
4 47387 0.074478 MedGastrula1015_300F22
5 2111 0.071215 MedGastrula_278L20
6 108833 0.000001 MedGastrula1029_24J18
7 22277 0.000001 MedGastrula_246G1
8 32181 0.000001 MedGastrula1028_23E6
9 48945 0.000001 MedGastrula1015_300I19
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4 64974 0.082833 MedGastrula2000_44C11
5 69127 0.069644 MedGastrula2000_32M1
6 28634 0.068867 MedGastrula1030_41M13
7 69277 0.062234 MedGastrula2000_06N1
8 65392 0.059891 MedGastrula2000_38B10
9 46374 0.000001 MedGastrula2000_37N24
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4 82706 0.069859 MedGastrula1015_349N23
5 72391 0.068867 MedGastrula1015_351G19

6 75424 0.068833 MedGastrula1015_334G14
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8 87613 0.000001 MedGastrula1015_349E13
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4 59381 0.088744 MedGastrula2000_06A23
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7 109442 0.065758 MedGastrula1029_03N17
8 97270 0.058190 MedGastrula1029_31O16
9 93759 0.000001 MedGastrula1030_52G23
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4 65351 0.066998 MedGastrula2000_44F10
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8 45010 0.000001 MedGastrula1030_24G3
9 37061 0.000001 MedGastrula1030_12J20
1965 9 0.074814
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4 40391 0.082833 MedGastrula1028_03J13
5 45945 0.082653 MedGastrula1028_12F1
6 56383 0.081151 MedGastrula2000_11J5
7 54751 0.079146 MedGastrula1015_291F8
8 56842 0.000001 MedGastrula2000_41O4
9 101120 0.000001 MedGastrula1030_46I9
1966 9 0.069243
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2 91353 0.090387 MedGastrula1015_313C3
3 41761 0.079540 MedGastrula1030_03L10
4 81207 0.074328 MedGastrula1015_028N2
5 43241 0.071915 MedGastrula1028_03B7
6 69930 0.069644 MedGastrula1015_316N24
7 84338 0.069644 MedGastrula1015_349N20
8 90175 0.069644 MedGastrula1015_335A6
9 82632 0.000001 MedGastrula1015_320D24
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4 49693 0.000001 MedGastrula2000_01E18
5 63789 0.000001 MedGastrula2000_27N14
6 53600 0.000001 MedGastrula2000_10F10
7 67846 0.000001 MedGastrula2000_02E4
8 60180 0.000001 MedGastrula2000_02I21
9 56875 0.000001 MedGastrula2000_11J4
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3 92465 0.066704 MedGastrula1015_317M1
4 92582 0.064656 MedGastrula1015_329C1
5 92451 0.064542 MedGastrula1015_013N1
6 92634 0.064361 MedGastrula1015_326N1
7 92600 0.000001 MedGastrula1015_027A1
8 92473 0.000001 MedGastrula1015_019L1

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4 100349 0.076874 MedGastrula1029_10C10
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8 99179 0.060365 MedGastrula1029_11C13
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3 32557 0.092012 MedGastrula1030_01B5
4 69113 0.090105 MedGastrula2000_08N1
5 69131 0.083212 MedGastrula1015_298M1
6 68213 0.079940 MedGastrula1015_292O3
7 68688 0.078328 MedGastrula1015_298N2
8 66067 0.074375 MedGastrula2000_26P8
9 68716 0.000001 MedGastrula2000_38K2
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3 12765 0.077058 MedGastrula_247J22
4 3410 0.070090 MedGastrula_227C18
5 16266 0.065430 MedGastrula_277D15
6 18517 0.000001 MedGastrula_283F10
7 37860 0.000001 MedGastrula1028_02I18
8 4592 0.000001 MedGastrula_279C16
9 22718 0.000001 MedGastrula1028_04H24
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3 63606 0.063717 MedGastrula2000_26C14
4 64527 0.057510 MedGastrula2000_08D12
5 63988 0.039927 MedGastrula2000_20K13
6 64028 0.000001 MedGastrula2000_14G13
7 63991 0.000001 MedGastrula2000_38K13
8 62542 0.000001 MedGastrula2000_26L16
9 64454 0.000001 MedGastrula2000_20K12
1973 9 0.023337
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2 33282 0.068833 MedGastrula1030_40O3
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4 31558 0.000001 MedGastrula1030_37A7
5 45108 0.000001 MedGastrula1030_21N3
6 58891 0.000001 MedGastrula2000_33M24
7 103584 0.000001 MedGastrula1030_48C4
8 67139 0.000001 MedGastrula1015_299P6
9 103418 0.000001 MedGastrula1029_22B4
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2 72407 0.085593 MedGastrula1015_023E19
3 72236 0.082762 MedGastrula1015_011D20
4 78538 0.069464 MedGastrula1015_321G7
5 73086 0.066885 MedGastrula1015_342J18
6 70326 0.062234 MedGastrula1015_036L23
7 73936 0.059891 MedGastrula1015_333M16
8 74523 0.057909 MedGastrula1015_009H15
9 73062 0.000001 MedGastrula1015_014L18
1975 9 0.081766
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2 65965 0.090724 MedGastrula1015_299L9
3 65164 0.085773 MedGastrula2000_09I11
4 55770 0.078225 MedGastrula2000_37D6
5 56965 0.076098 MedGastrula1015_307B4
6 48141 0.074328 MedGastrula1015_297B21
7 50253 0.071915 MedGastrula2000_01B17
8 55760 0.071807 MedGastrula2000_37E6
9 57081 0.071807 MedGastrula1015_300G3
1976 9 0.068230
1 57401 0.127192 MedGastrula2000_29H3
2 66733 0.095009 MedGastrula1015_311O7
3 106296 0.094129 MedGastrula1029_51O23
4 103958 0.088846 MedGastrula1029_37P3
5 32149 0.071807 MedGastrula1030_35I6
6 22781 0.069572 MedGastrula1030_16C24
7 23415 0.067516 MedGastrula1030_25J23
8 30262 0.000001 MedGastrula1028_16L9
9 114414 0.000001 MedGastrula1029_20G5
1977 9 0.048129
1 65101 0.082243 MedGastrula1015_290B11
2 23672 0.065562 MedGastrula1030_29B23
3 109400 0.052119 MedGastrula1029_30B17
4 51842 0.052119 MedGastrula2000_05P14
5 78066 0.049153 MedGastrula1015_032F8
6 65368 0.047206 MedGastrula2000_14D10
7 34230 0.047206 MedGastrula1028_05C2
8 77247 0.037551 MedGastrula1015_342K10
9 42556 0.000001 MedGastrula1028_12I8
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2 78654 0.065883 MedGastrula1015_014L7
3 83895 0.055334 MedGastrula1015_319E21
4 78902 0.054962 MedGastrula1015_018C7
5 74368 0.052351 MedGastrula1015_316F16
6 76886 0.043923 MedGastrula1015_011O11
7 78830 0.000001 MedGastrula1015_328J7
8 77373 0.000001 MedGastrula1015_018M10
9 73661 0.000001 MedGastrula1015_020E17
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4 3921 0.079217 MedGastrula_227B17

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8 38321 0.000001 MedGastrula1028_14C17
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5 62044 0.072727 MedGastrula1015_310P17
6 67741 0.071994 MedGastrula1015_298P4
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9 106640 0.000001 MedGastrula1029_48P22
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4 43392 0.089606 MedGastrula1030_02D6
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8 107468 0.000001 MedGastrula1029_51G21
9 115712 0.000001 MedGastrula1029_39G3
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5 48609 0.069825 MedGastrula2000_07G20
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9 62912 0.000001 MedGastrula2000_39F16
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6 102646 0.069283 MedGastrula1029_59I6
7 102666 0.000001 MedGastrula1029_53G6
8 102179 0.000001 MedGastrula1030_46E7
9 101658 0.000001 MedGastrula1030_46E8
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1 60517 0.101248 MedGastrula1015_299J21
2 39535 0.093218 MedGastrula1028_03D15
3 26655 0.074150 MedGastrula1030_29I17
4 17791 0.074116 MedGastrula_246I11
5 28372 0.066524 MedGastrula1030_16F13
6 61460 0.064576 MedGastrula1015_299N19
7 90210 0.062200 MedGastrula1015_320J6
8 109032 0.060365 MedGastrula1030_44E18
9 27760 0.000001 MedGastrula1030_05A15
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3 45793 0.142727 MedGastrula1030_02E1
4 43240 0.127530 MedGastrula1030_33C7
5 44820 0.126350 MedGastrula1030_32I3
6 46053 0.125792 MedGastrula1030_03K1
7 22792 0.125792 MedGastrula1030_16B24
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6 37252 0.074116 MedGastrula1030_33G20
7 53682 0.071552 MedGastrula2000_13O10
8 69427 0.000001 MedGastrula2000_21L1
9 29900 0.000001 MedGastrula1030_10A10
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4 52603 0.066704 MedGastrula2000_28H12
5 57496 0.064576 MedGastrula2000_40O2
6 54077 0.062707 MedGastrula1015_312G9
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8 54047 0.062234 MedGastrula2000_16I9
9 58543 0.000001 MedGastrula1015_298L24
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4 57731 0.077089 MedGastrula2000_19H2
5 61947 0.074258 MedGastrula2000_33J18
6 66351 0.071592 MedGastrula2000_39J8
7 54359 0.066524 MedGastrula2000_05K9
8 68110 0.064542 MedGastrula2000_09H4
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1 39633 0.120150 MedGastrula1030_20K14
2 9830 0.090159 MedGastrula_245K4
3 91078 0.088308 MedGastrula1015_353A4
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5 7702 0.065132 MedGastrula_239H9
6 77086 0.065132 MedGastrula1015_345K10
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9 7655 0.000001 MedGastrula_233M9
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5 103057 0.082653 MedGastrula1029_37D5
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8 12555 0.000001 MedGastrula_268N22
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6 49320 0.062234 MedGastrula1015_295G19
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9 86677 0.000001 MedGastrula1015_343I15
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6 53453 0.072794 MedGastrula2000_17D11
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9 66336 0.000001 MedGastrula2000_15M8
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4 38233 0.077547 MedGastrula1030_38M17
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 5 89628 0.079630 MedGastrula1015_355H7
 6 87568 0.063196 MedGastrula1015_349J13
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 9 85385 0.000001 MedGastrula1015_337J18
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 4 57601 0.074747 MedGastrula1015_306E2
 5 11927 0.069825 MedGastrula_252K23
 6 79410 0.069825 MedGastrula1015_346B6
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 9 110805 0.000001 MedGastrula1029_54J14
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 4 80705 0.073935 MedGastrula1015_342J3
 5 19107 0.071915 MedGastrula_228E8
 6 8889 0.069644 MedGastrula_254D6
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 4 92066 0.064542 MedGastrula1015_027A2
 5 92065 0.000001 MedGastrula1015_019A2
 6 92052 0.000001 MedGastrula1015_013B2
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 8 87461 0.000001 MedGastrula1015_344D14
 9 92755 0.000001 MedGastrula1015_016C1
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 4 49974 0.071289 MedGastrula2000_40K17
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 6 56434 0.064656 MedGastrula2000_17E5
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4 72746 0.079217 MedGastrula1015_322H19
5 71603 0.077269 MedGastrula1015_026L21
6 72124 0.071986 MedGastrula1015_026N20
7 72172 0.000001 MedGastrula1015_322J20
8 72700 0.000001 MedGastrula1015_322L19
9 73047 0.000001 MedGastrula1015_348N18

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4 54301 0.066490 MedGastrula2000_37B9
5 44199 0.000001 MedGastrula1030_21E5
6 40683 0.000001 MedGastrula1030_24N12
7 72552 0.000001 MedGastrula1015_348I19
8 107742 0.000001 MedGastrula1029_12N20
9 88433 0.000001 MedGastrula1015_013O11

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5 28783 0.068833 MedGastrula1030_28O12
6 44321 0.067482 MedGastrula1030_02I4
7 33215 0.066524 MedGastrula1028_11D4
8 37295 0.062707 MedGastrula1028_09B20
9 67757 0.000001 MedGastrula2000_20N4

2016 9 0.053920
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4 61271 0.089884 MedGastrula1015_292C19
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9 99201 0.000001 MedGastrula1029_11A13

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5 70449 0.071807 MedGastrula1015_354B23
6 69618 0.069825 MedGastrula1015_358J24
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8 70549 0.000001 MedGastrula1015_322I23
9 48333 0.000001 MedGastrula2000_22P20

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6 91958 0.000001 MedGastrula1015_329K2
7 15573 0.000001 MedGastrula_238F16
8 11633 0.000001 MedGastrula_220F24
9 103869 0.000001 MedGastrula1030_51H3

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6 76137 0.064361 MedGastrula1015_345G12
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9 77849 0.000001 MedGastrula1015_011L9
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5 84055 0.082762 MedGastrula1015_323G21
6 76348 0.078148 MedGastrula1015_342D12
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9 48097 0.064576 MedGastrula2000_01E21
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8 19589 0.062234 MedGastrula_244L7
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5 61442 0.080311 MedGastrula2000_03O19
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3 15828 0.080490 MedGastrula_252M15
4 2847 0.080311 MedGastrula_281H19
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 5 73065 0.074116 MedGastrula1015_324L18
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 4 27420 0.069644 MedGastrula1030_22A15
 5 26316 0.066704 MedGastrula1030_40K17
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 7 37810 0.060251 MedGastrula1030_38O18
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4 57017 0.085773 MedGastrula2000_46M3
5 66125 0.081165 MedGastrula2000_02I8

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 4 13399 0.069825 MedGastrula_282N20
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 4 44143 0.000001 MedGastrula1028_21J5
 5 60615 0.000001 MedGastrula1015_311A21
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 7 26641 0.000001 MedGastrula1030_17J17
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 6 62028 0.071915 MedGastrula2000_39A18
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5 27778 0.000001 MedGastrula1028_16O14

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5 2738 0.082550 MedGastrula_248B19

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5 103625 0.000001 MedGastrula1029_41O4

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5 13490 0.000001 MedGastrula_228D20

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5 363 0.000001 MedGastrula_279O24

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5 48847 0.000001 MedGastrula2000_35A20

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5 5652 0.000001 MedGastrula_254K13

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5 57261 0.000001 MedGastrula2000_25F3
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5 60164 0.073935 MedGastrula2000_44K21

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5 23252 0.059891 MedGastrula1028_04H23

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4 84339 0.000001 MedGastrula1015_355N20
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5 3919 0.062234 MedGastrula_281C17

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