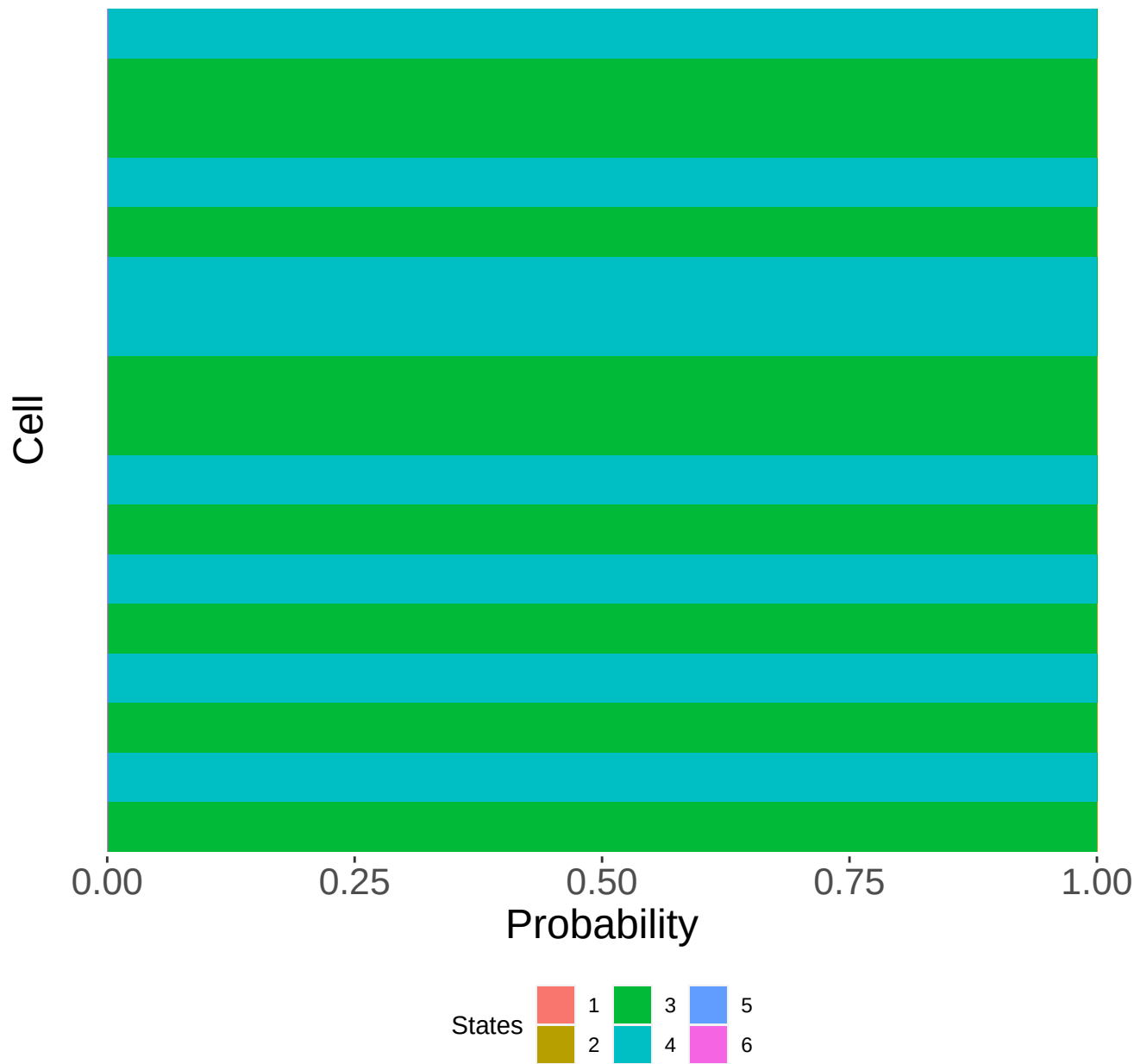
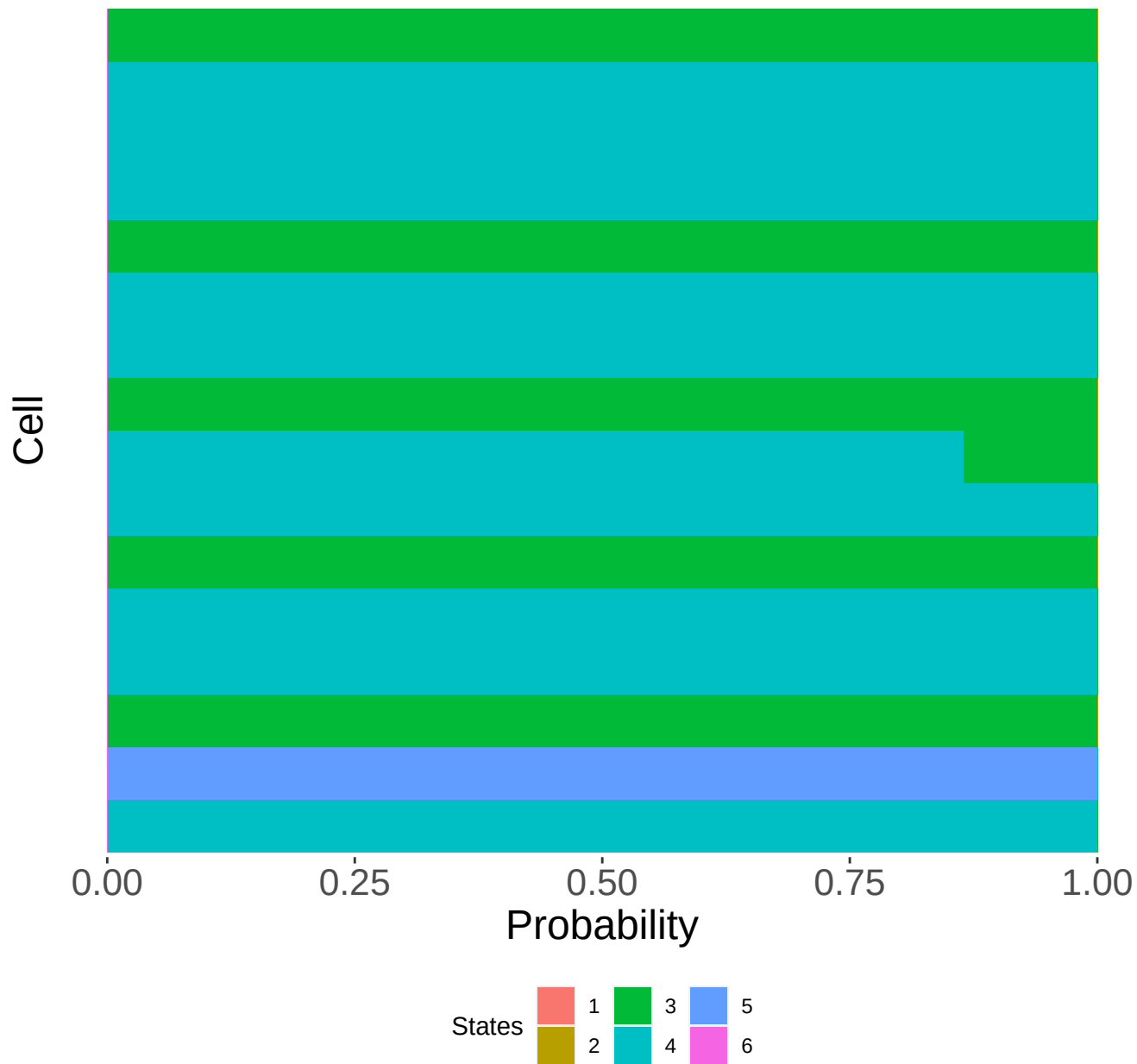


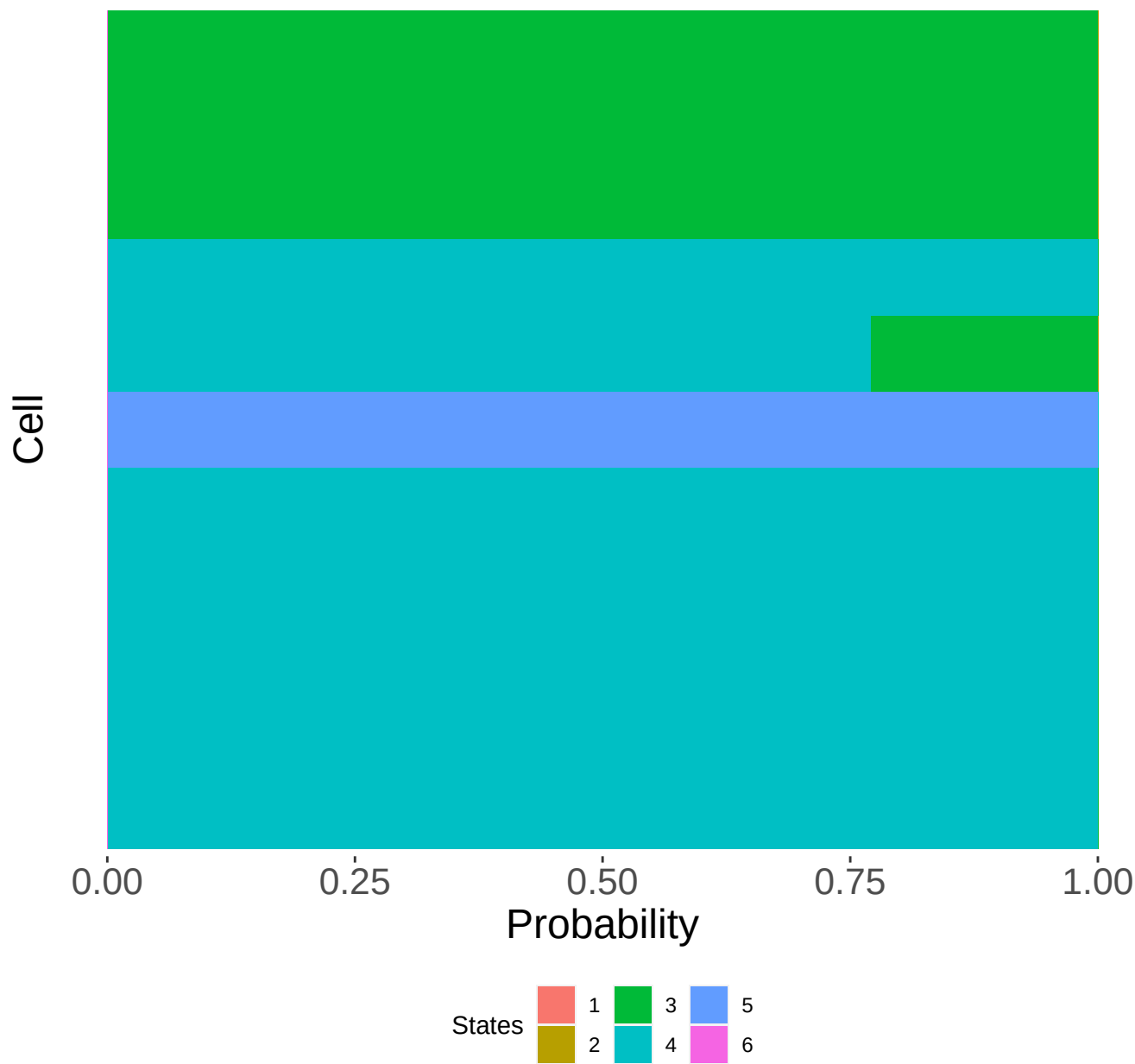
chr5-region_6



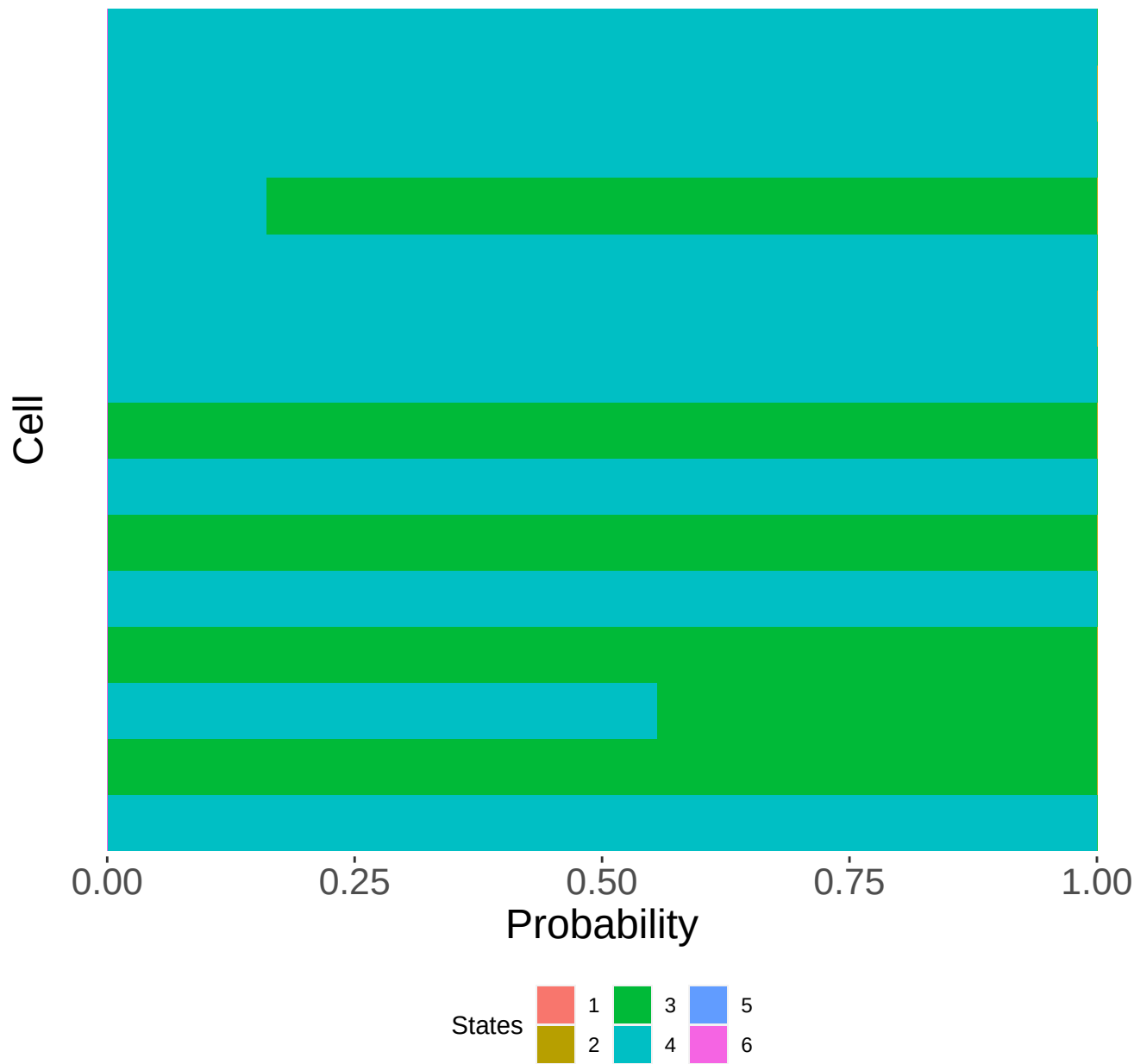
chr12-region_71



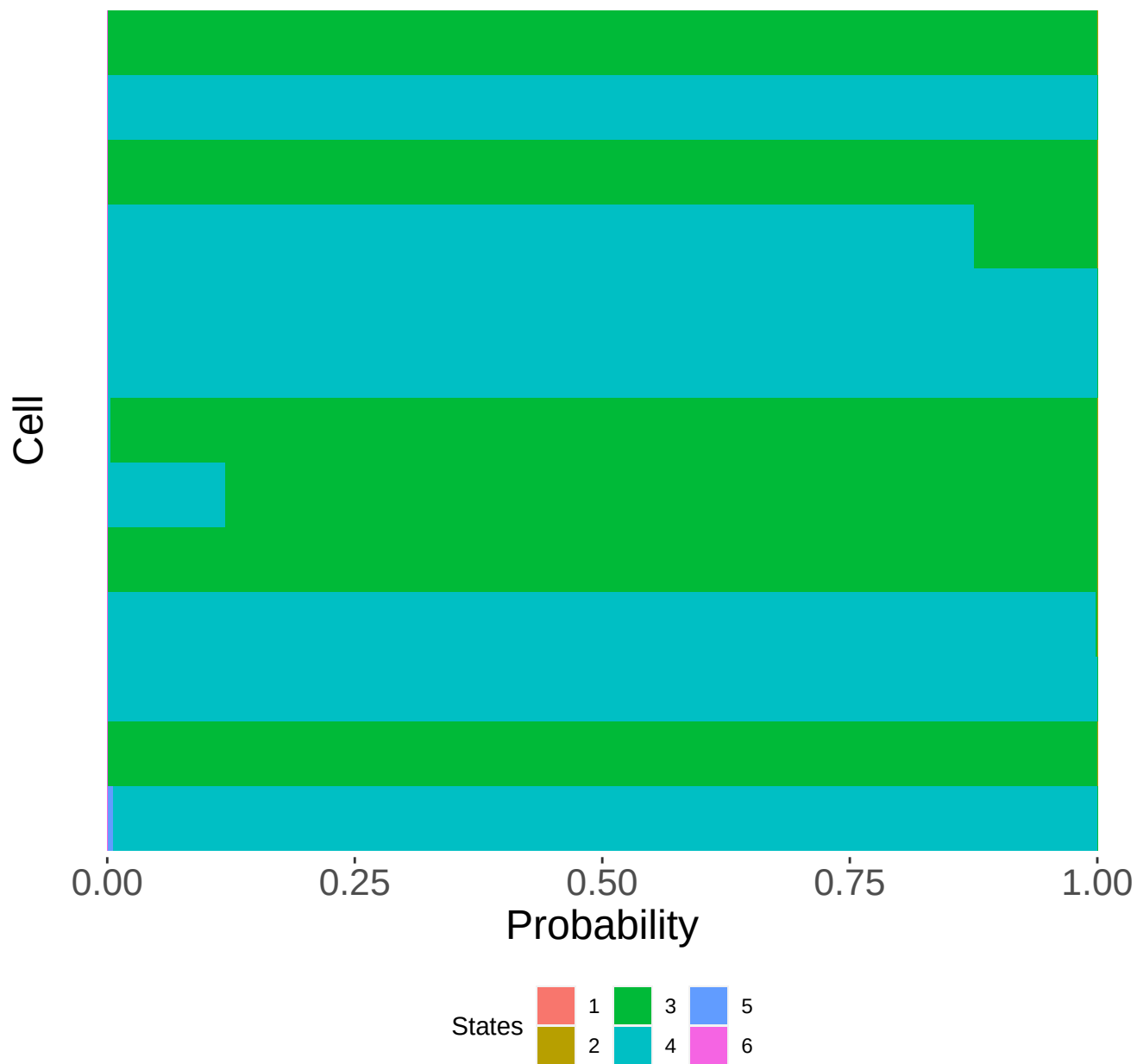
chr17-region_134



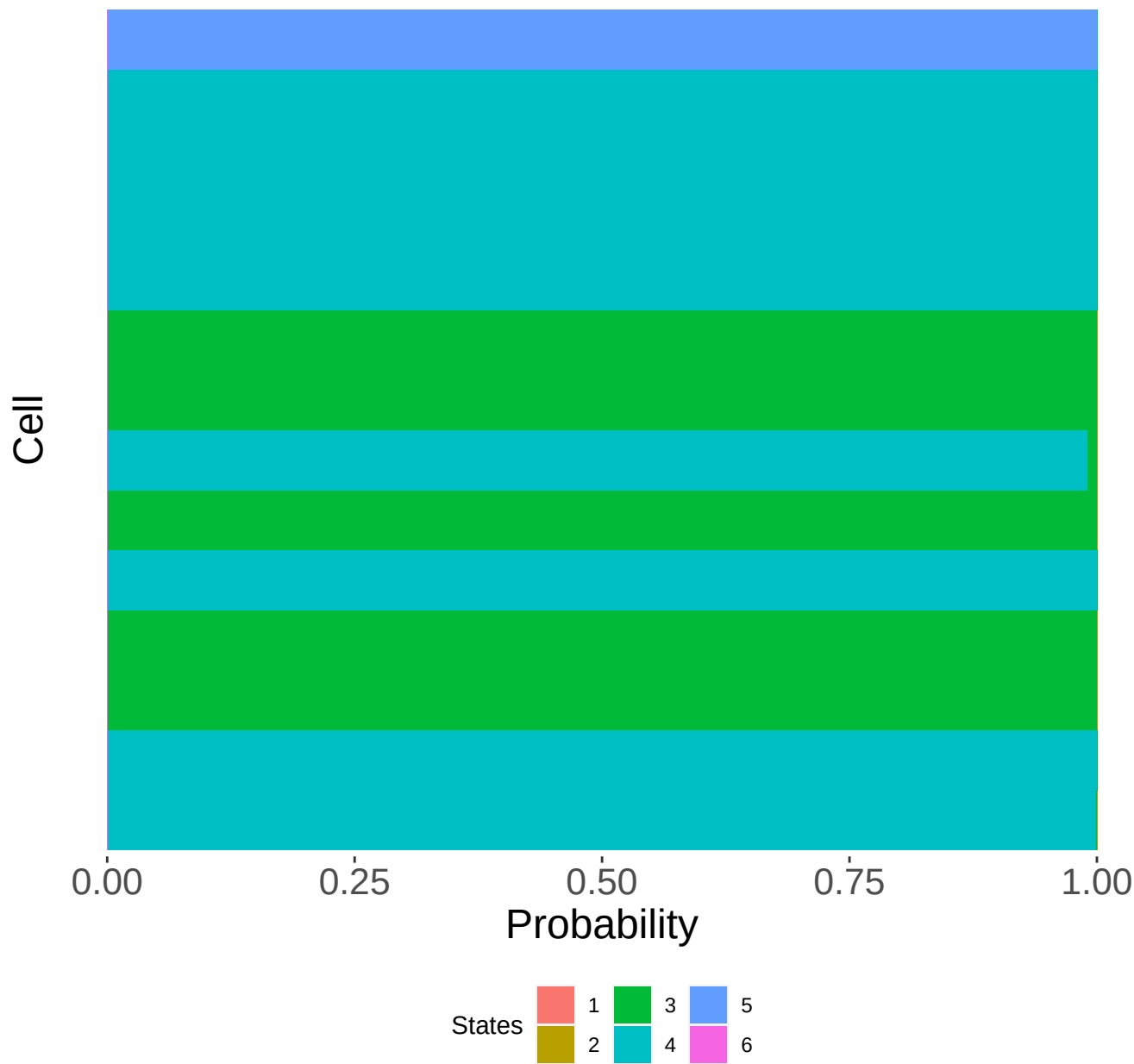
chr15-region_172



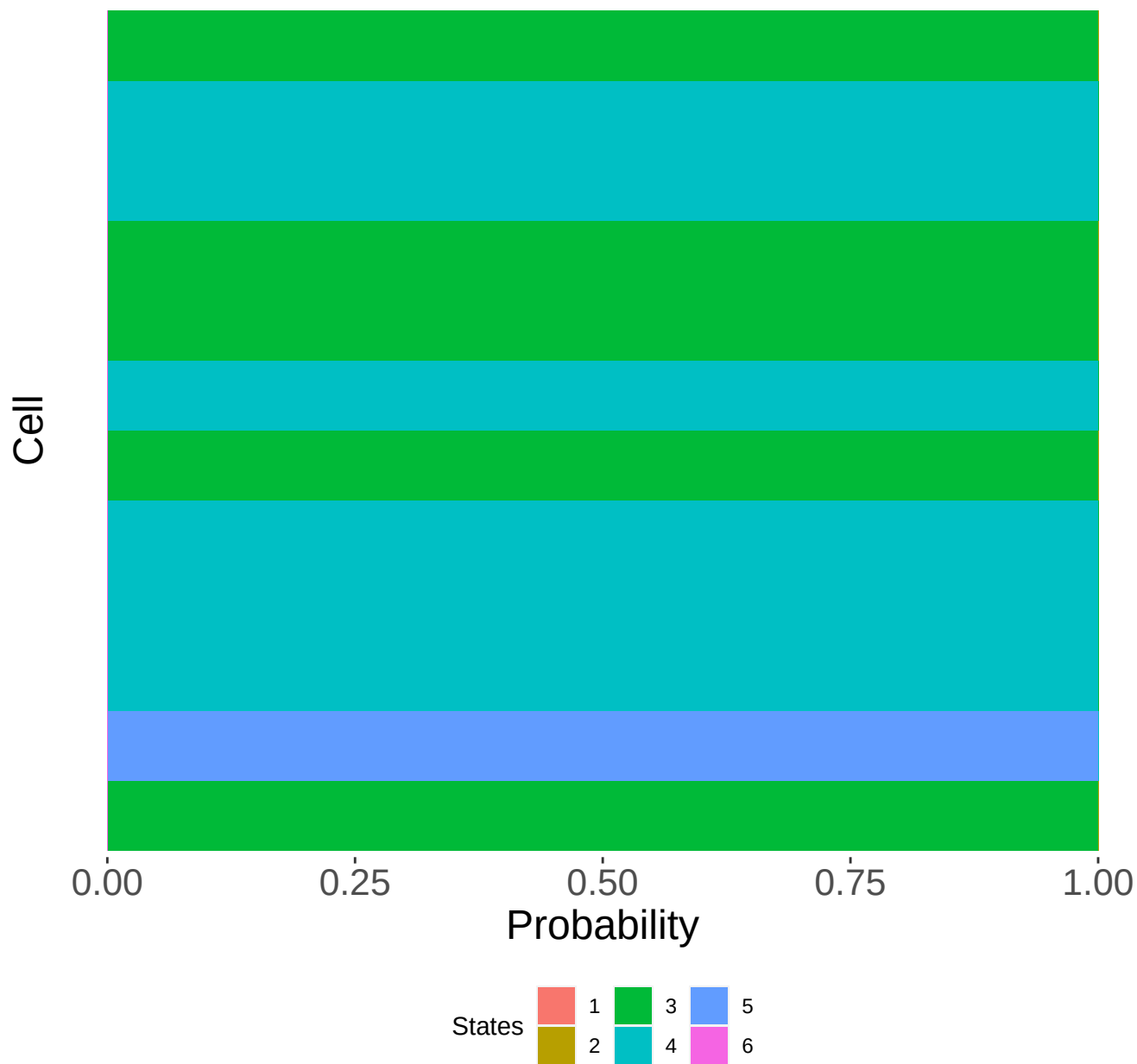
chr1-region_198



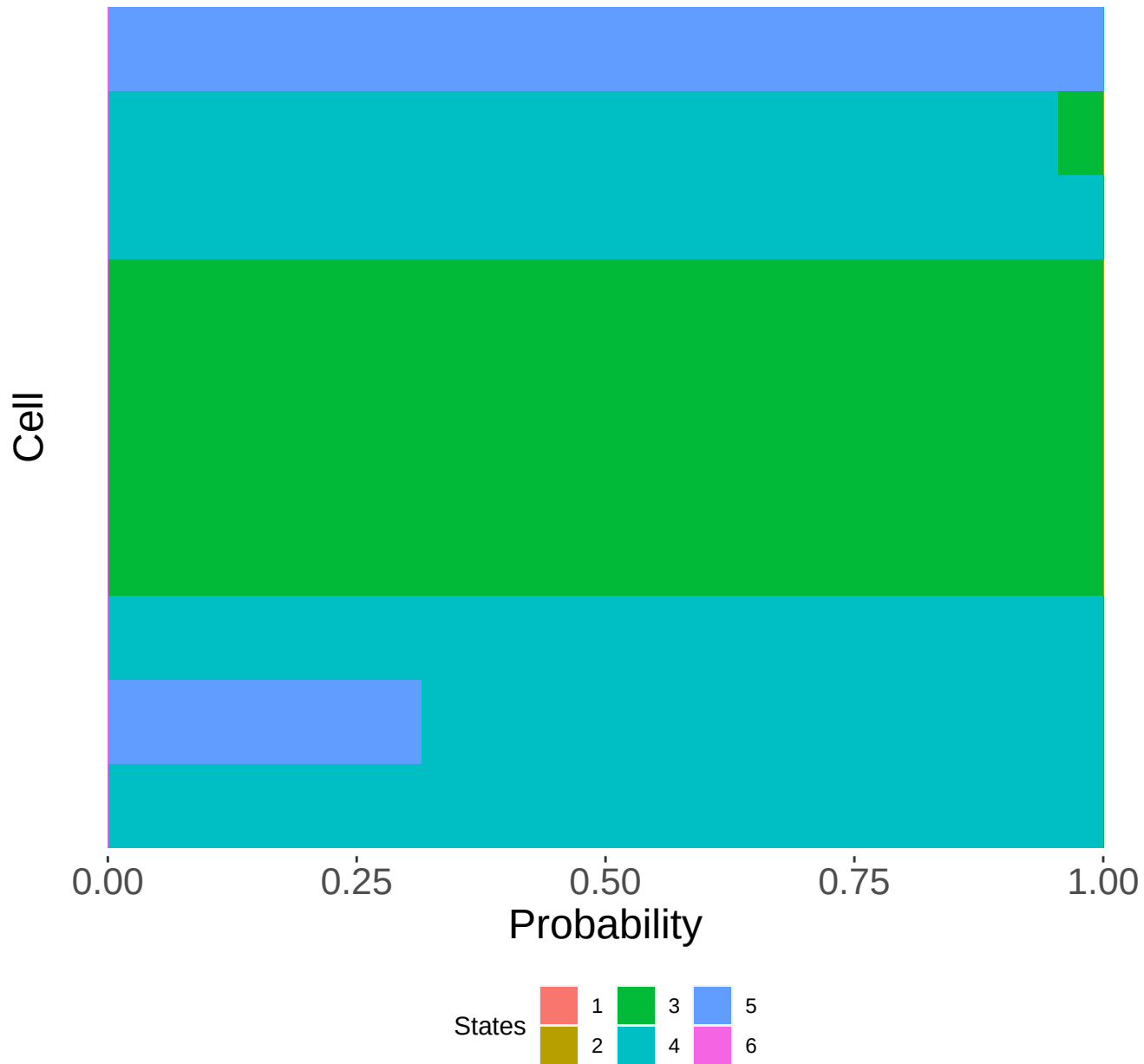
chr15-region_271



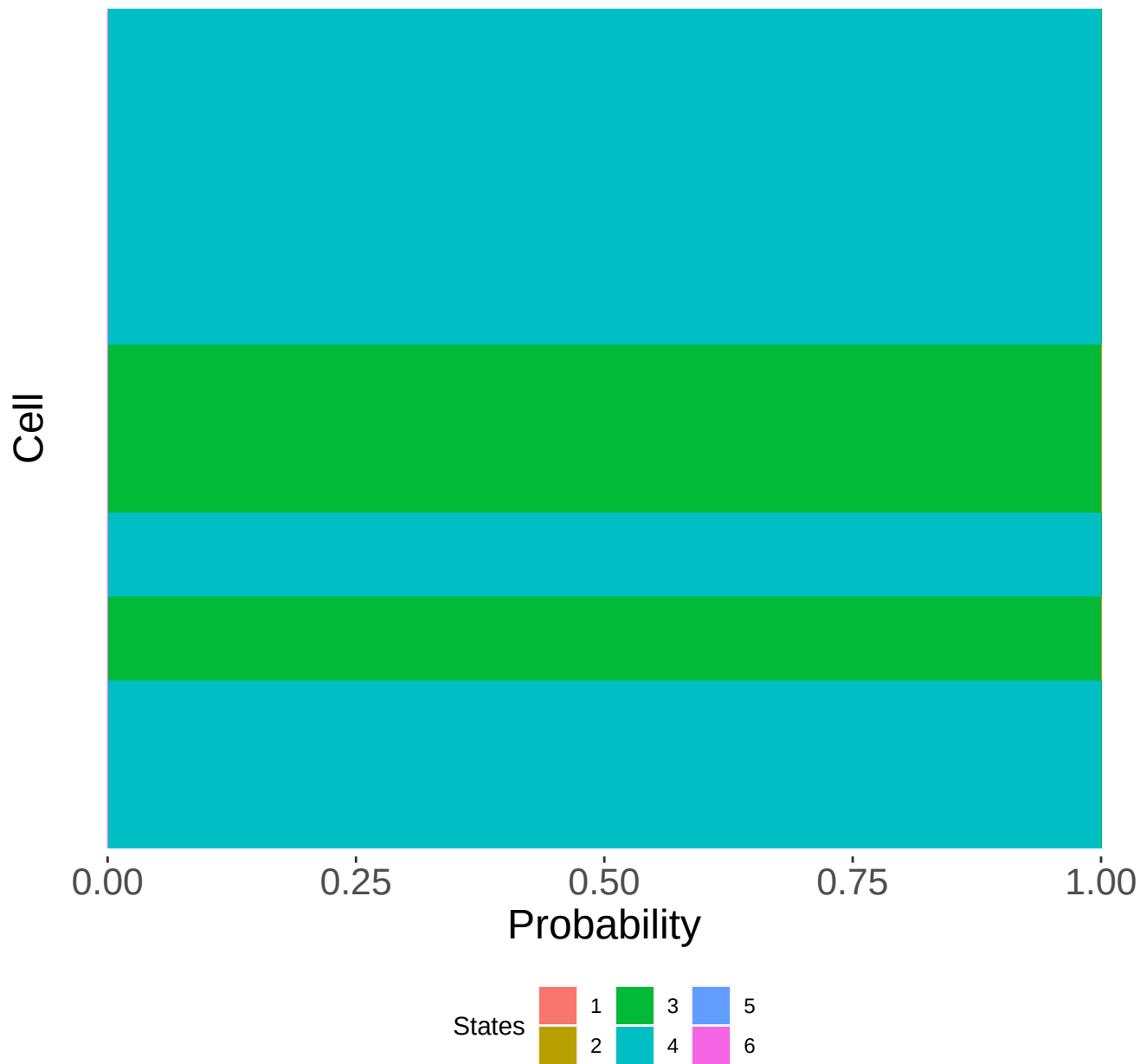
chr4-region_280



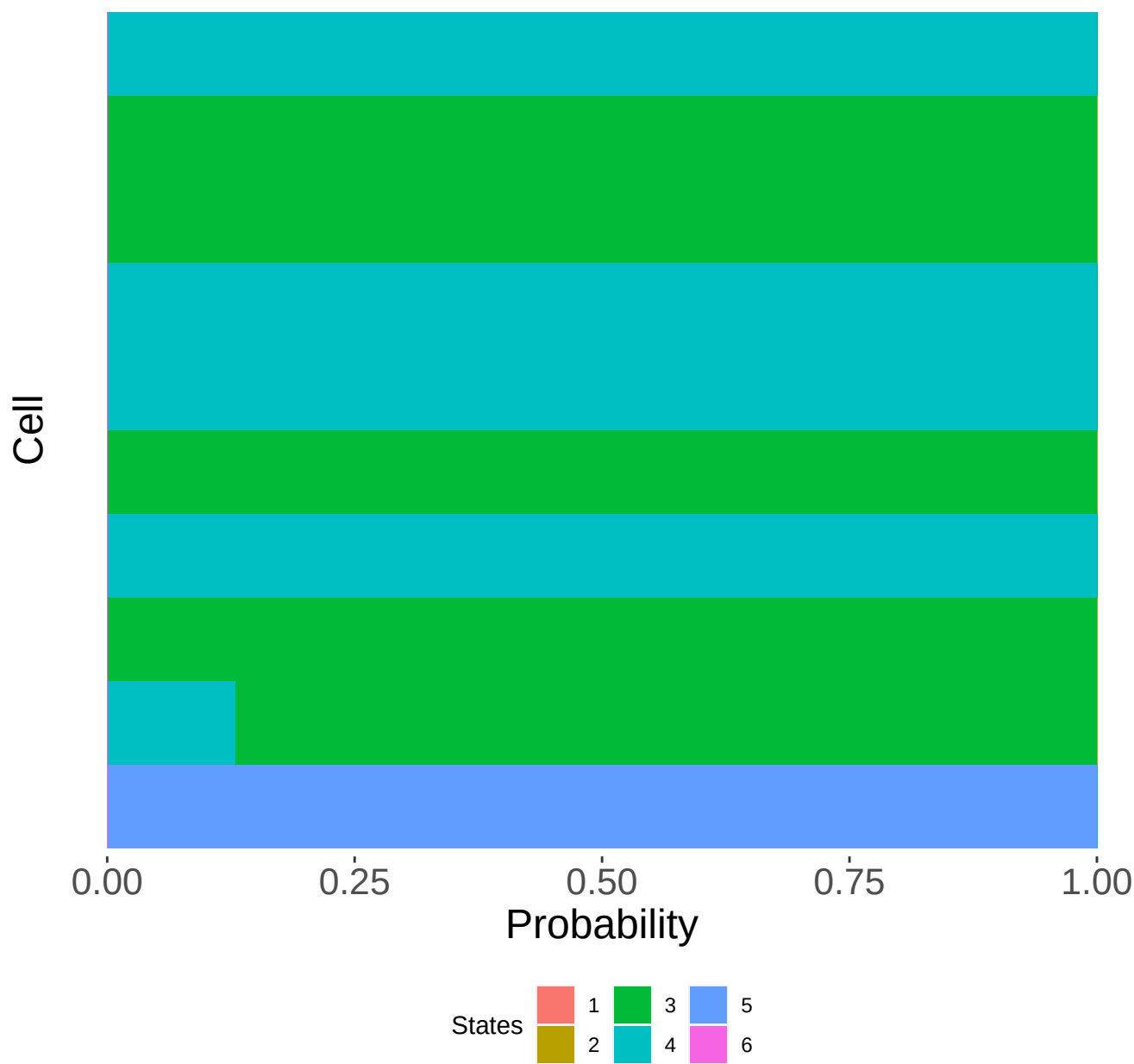
chr2-region_374



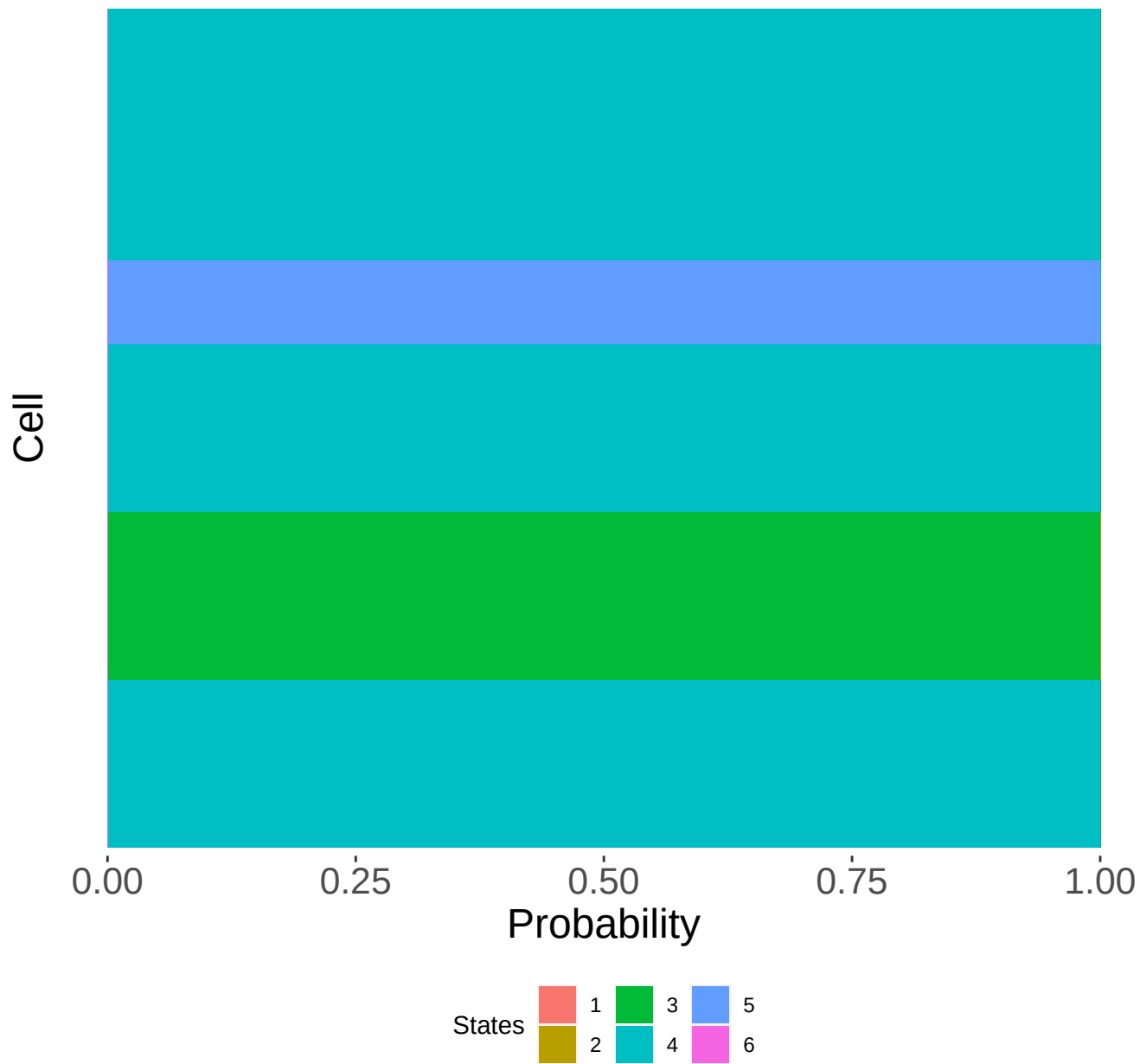
chr7-region_381



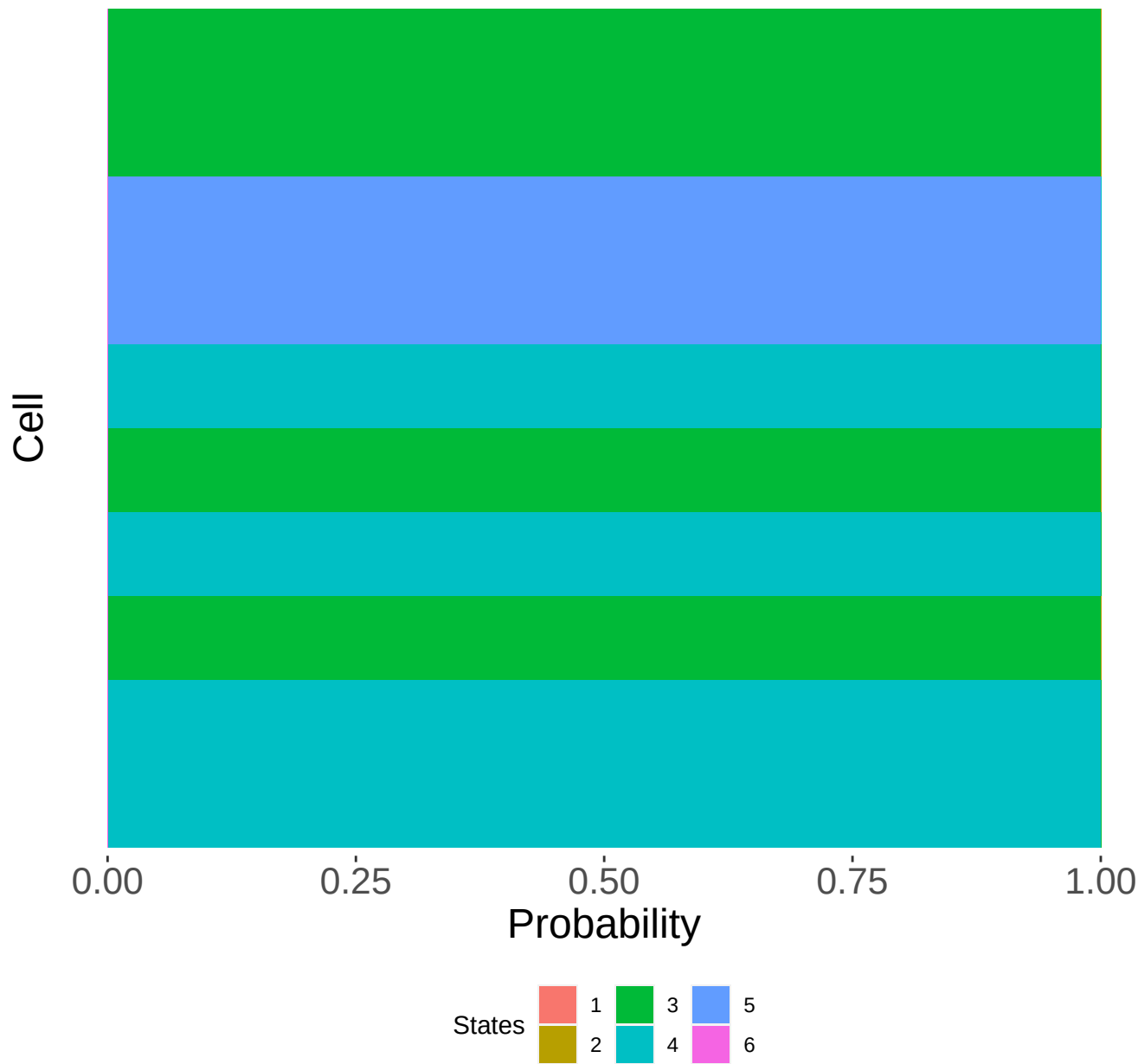
chr11-region_387



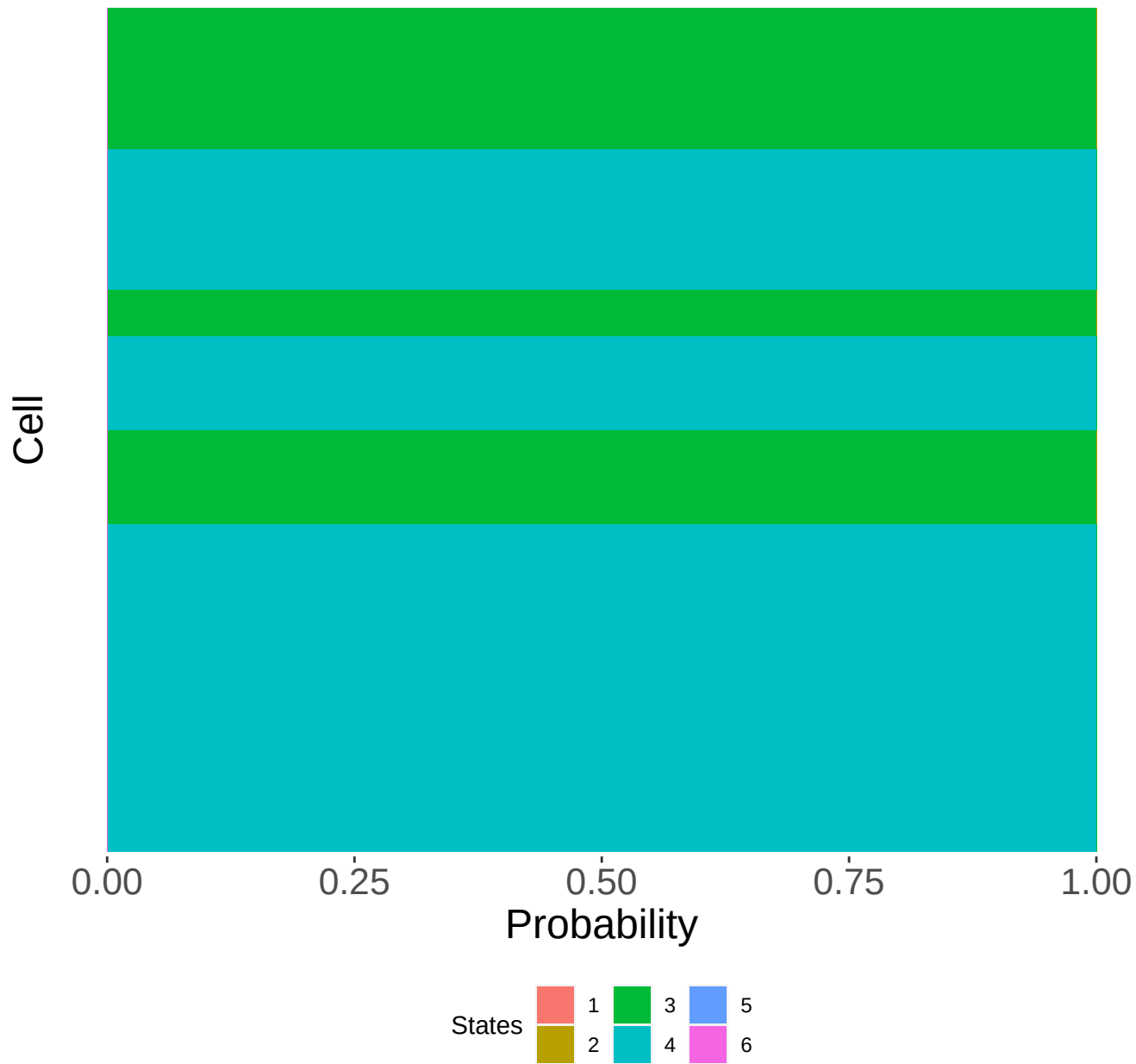
chr11-region_389



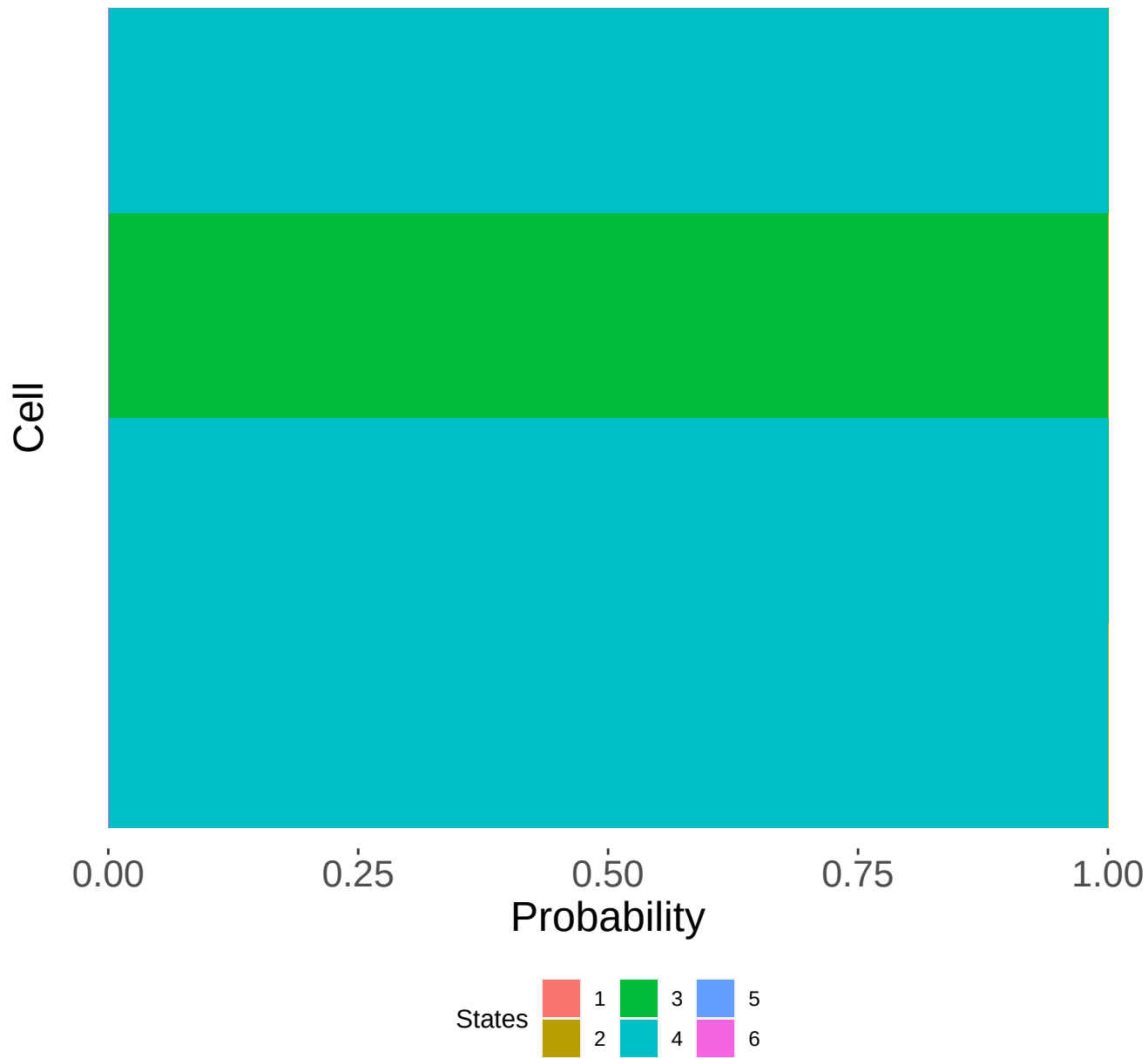
chr17-region_397



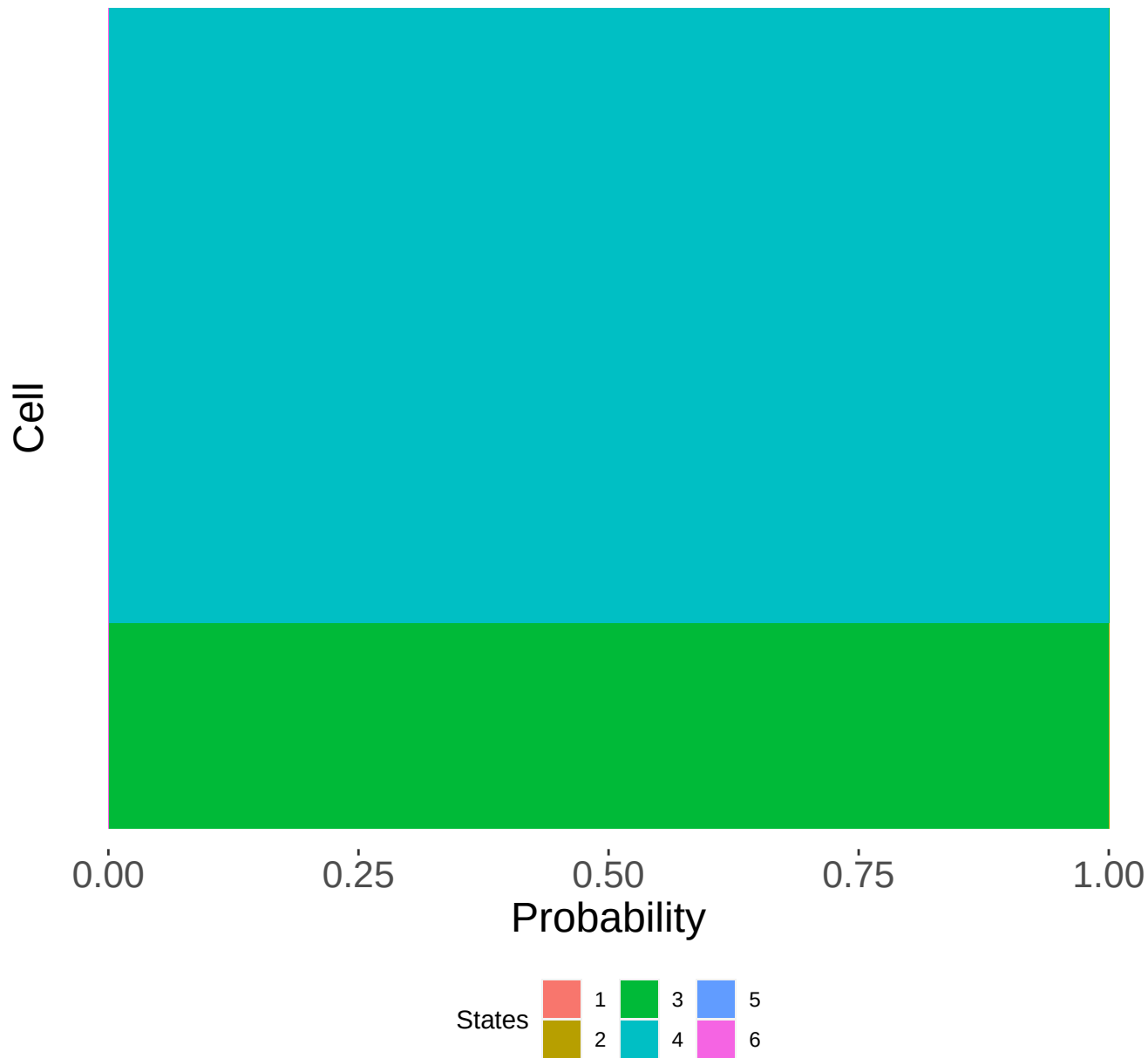
chr11-region_412



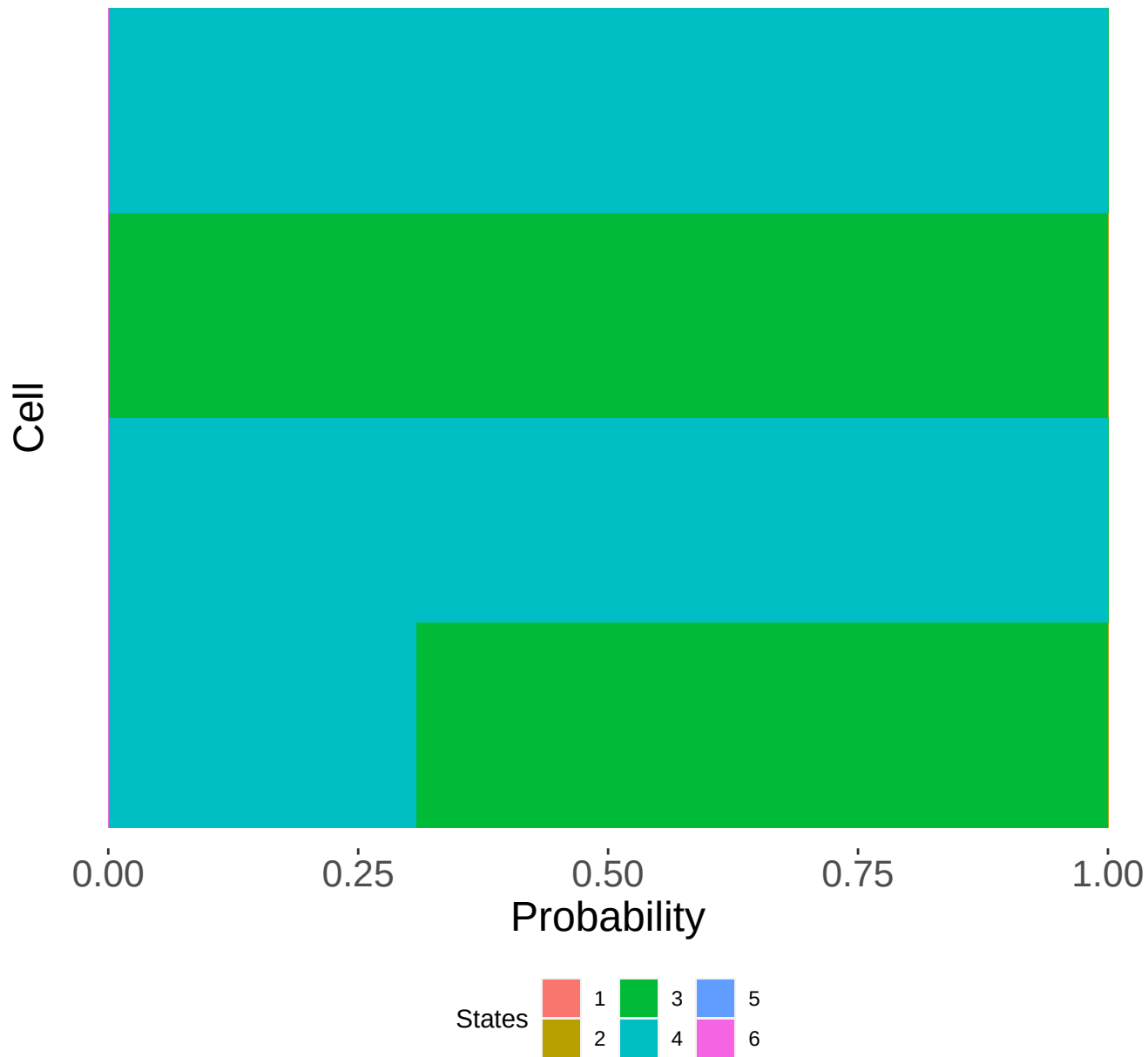
chr6-region_428



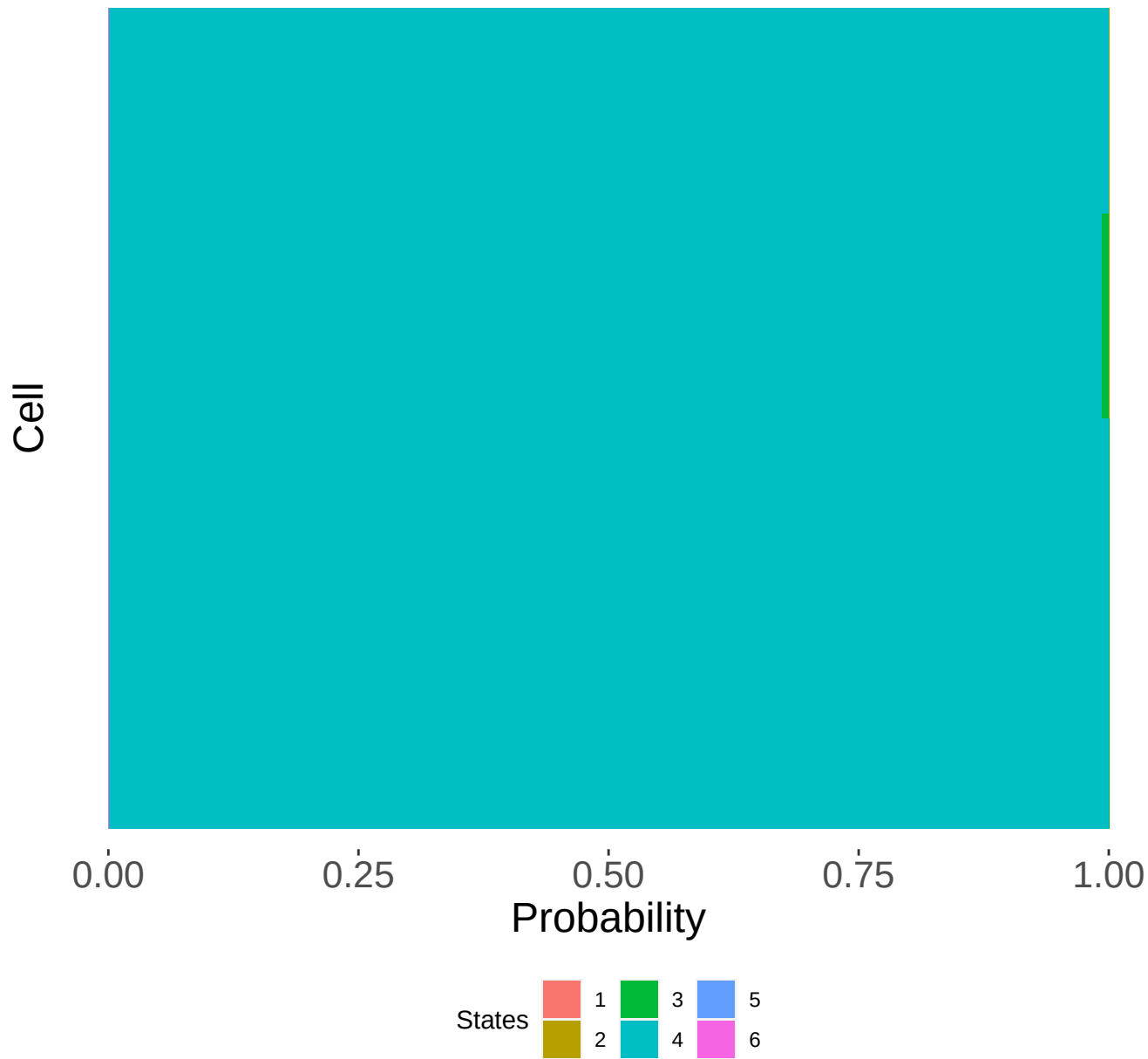
chr7-region_431



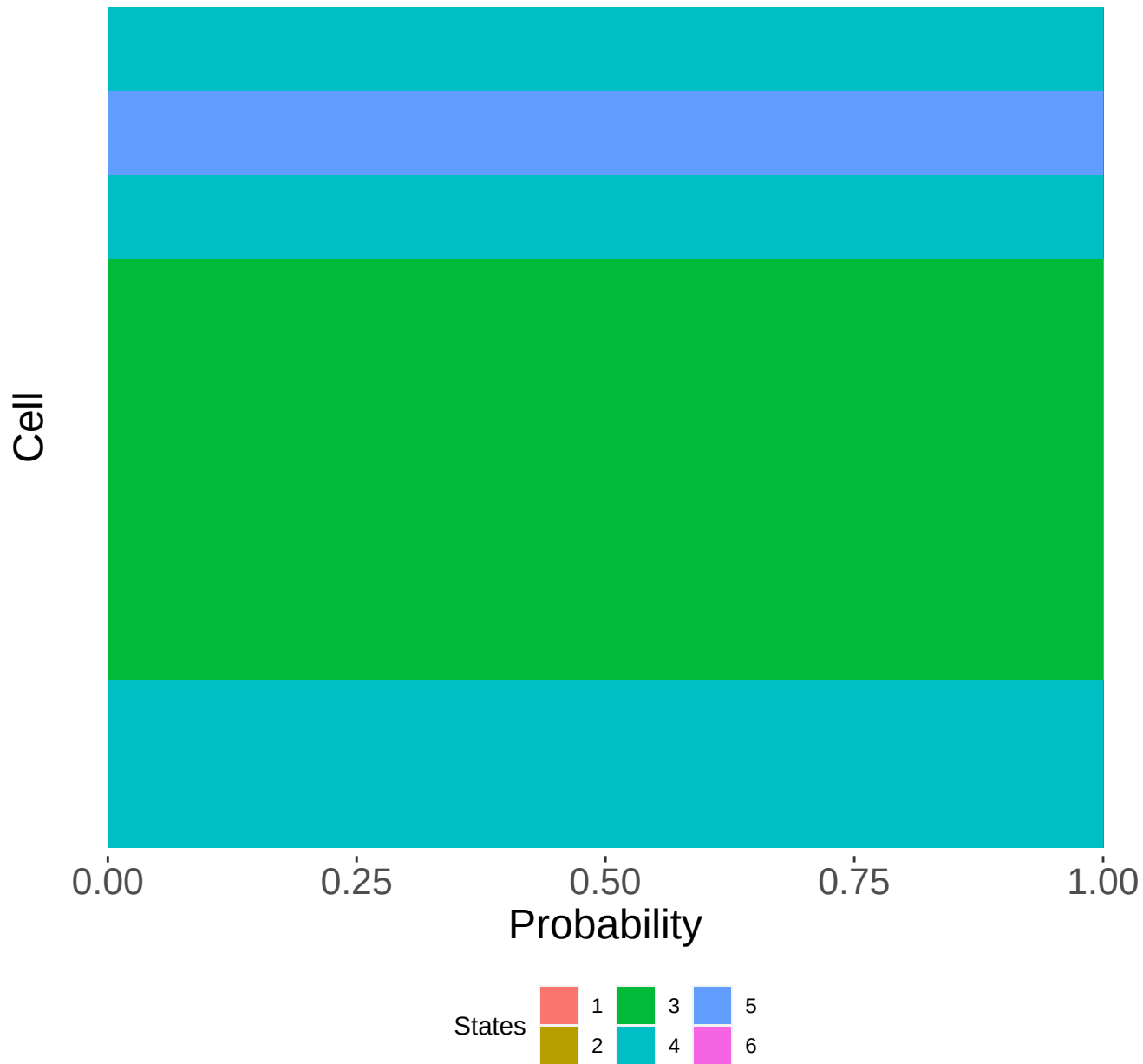
chr9-region_434



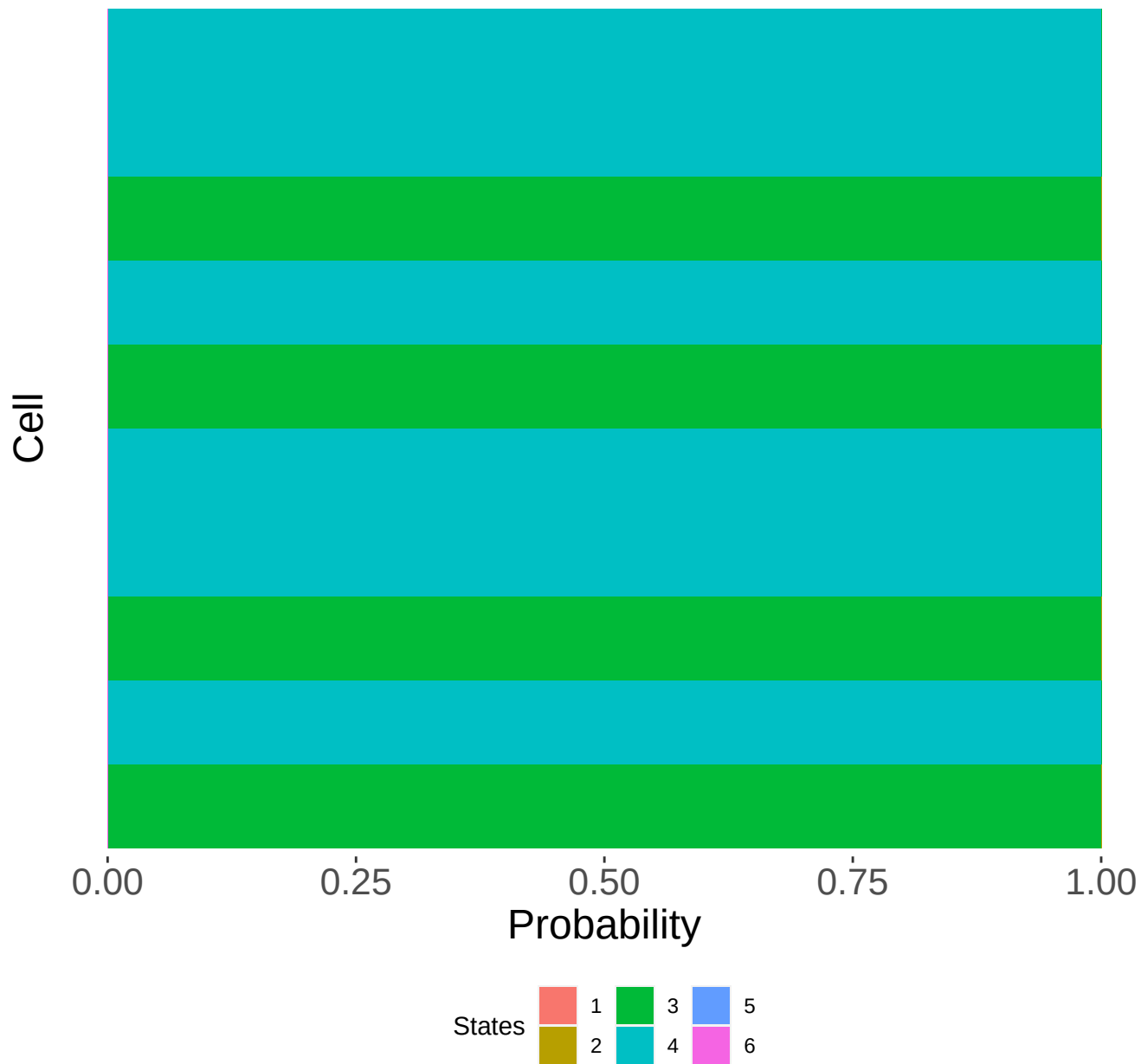
chr12-region_439



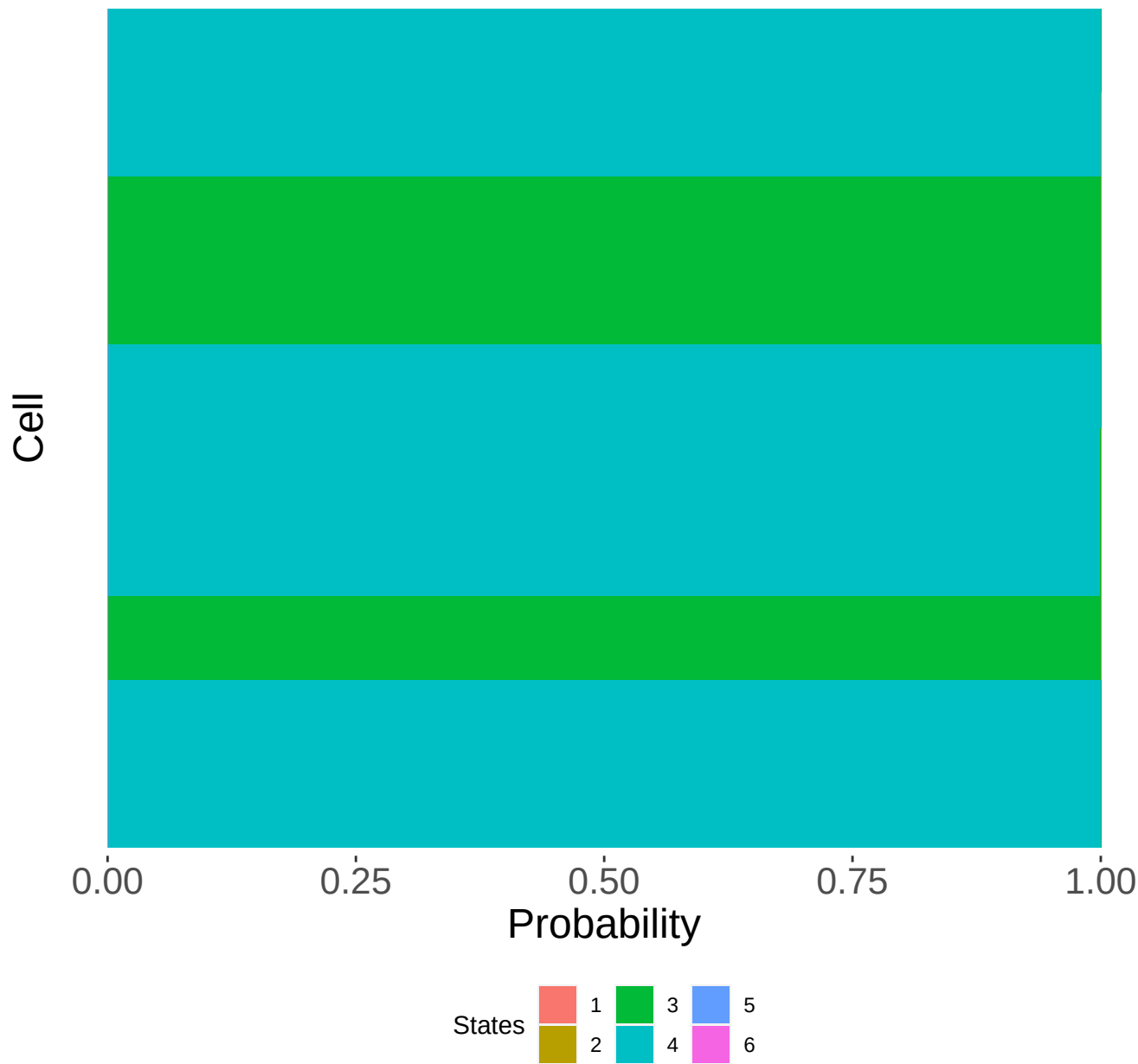
chr1-region_506



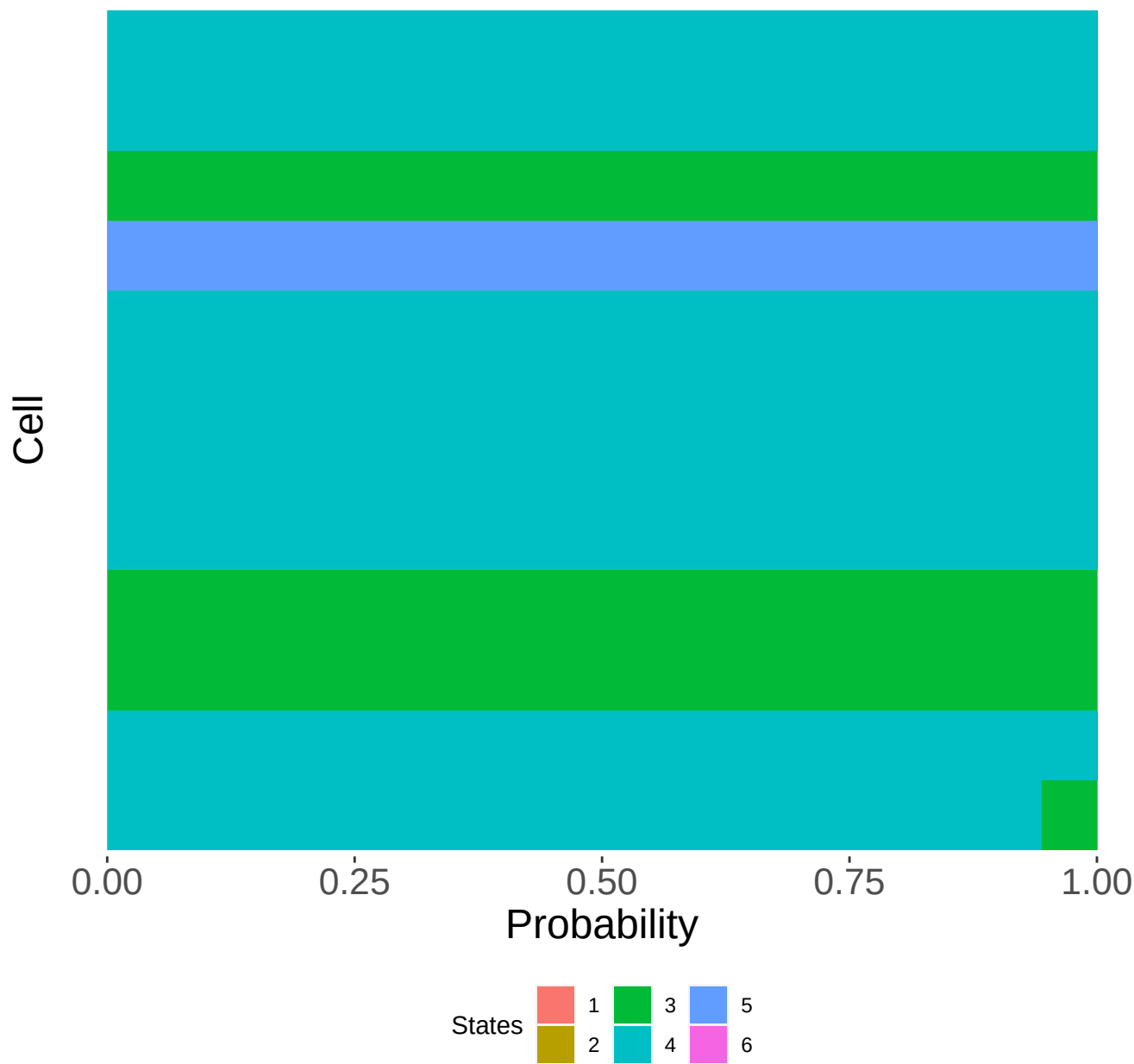
chr6-region_513



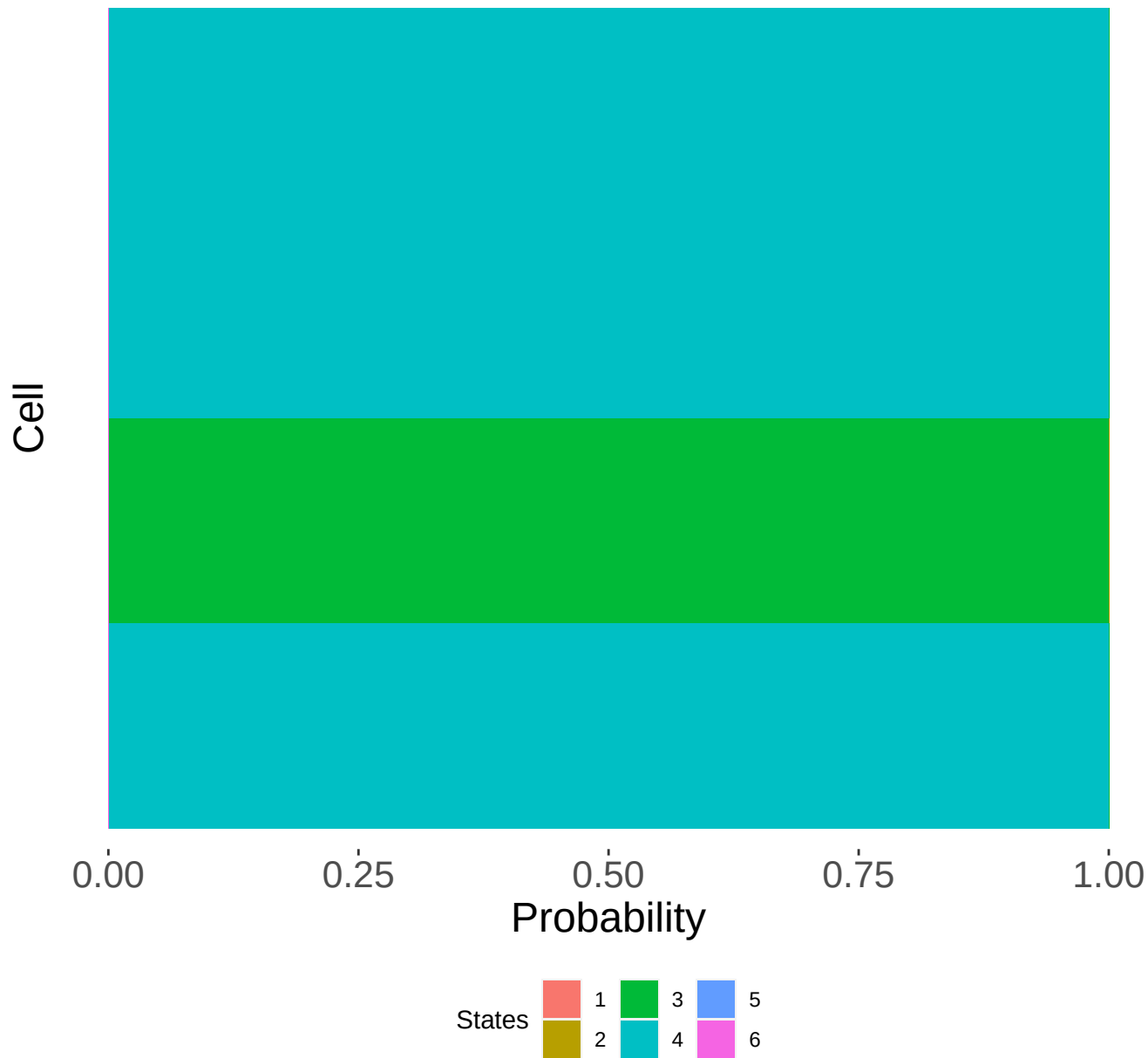
chr17-region_525



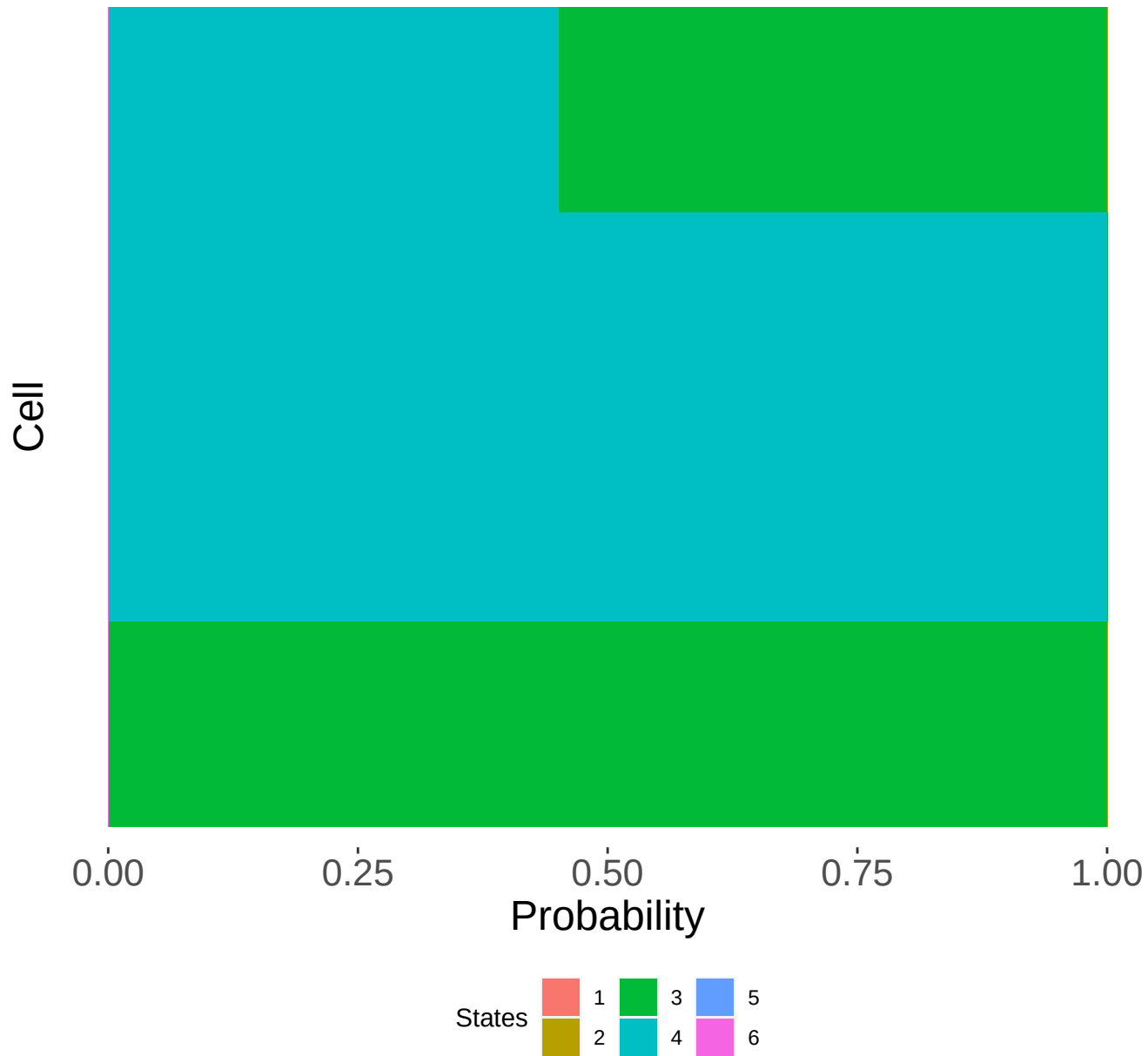
chr2-region_587



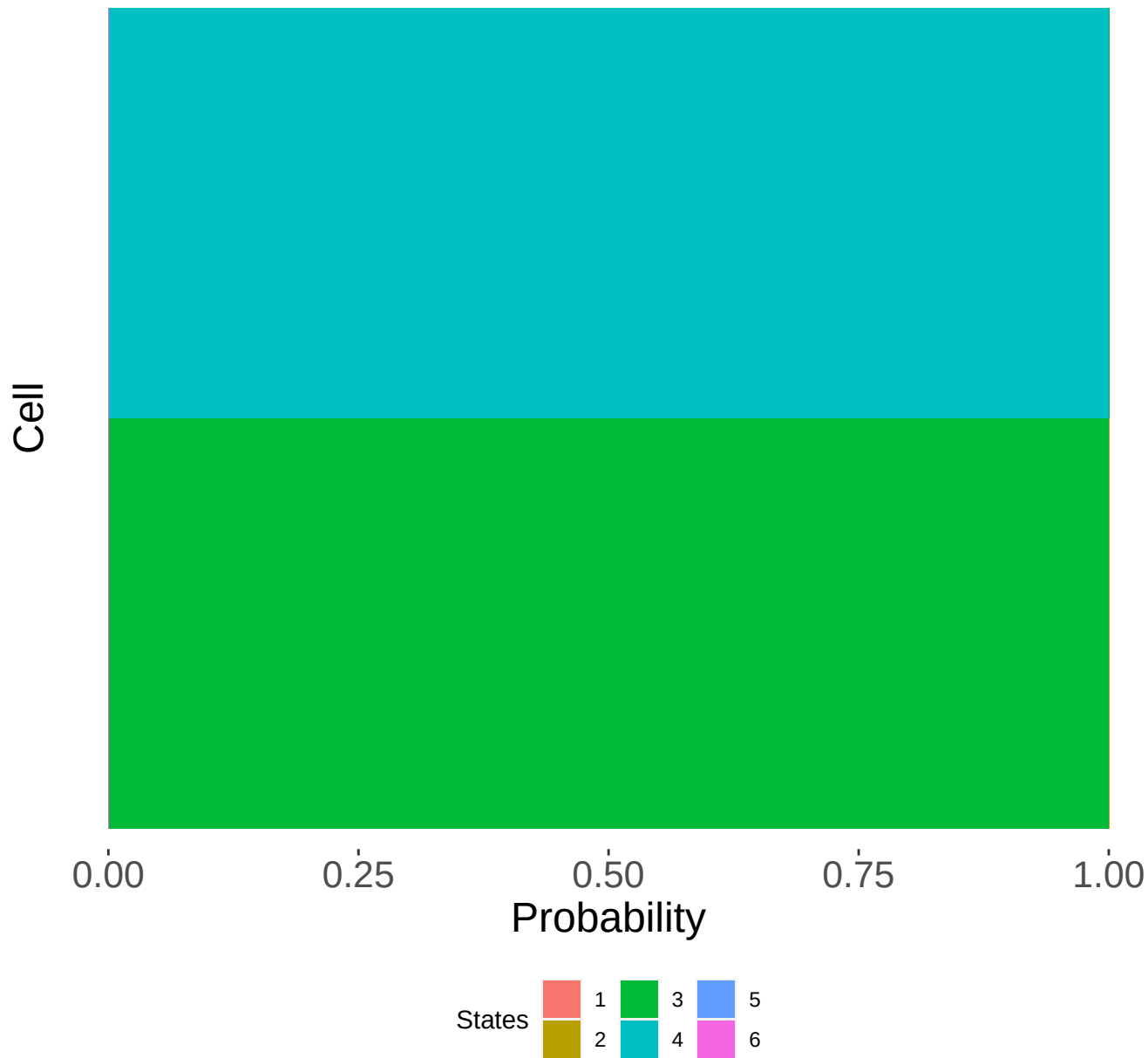
chr2-region_665



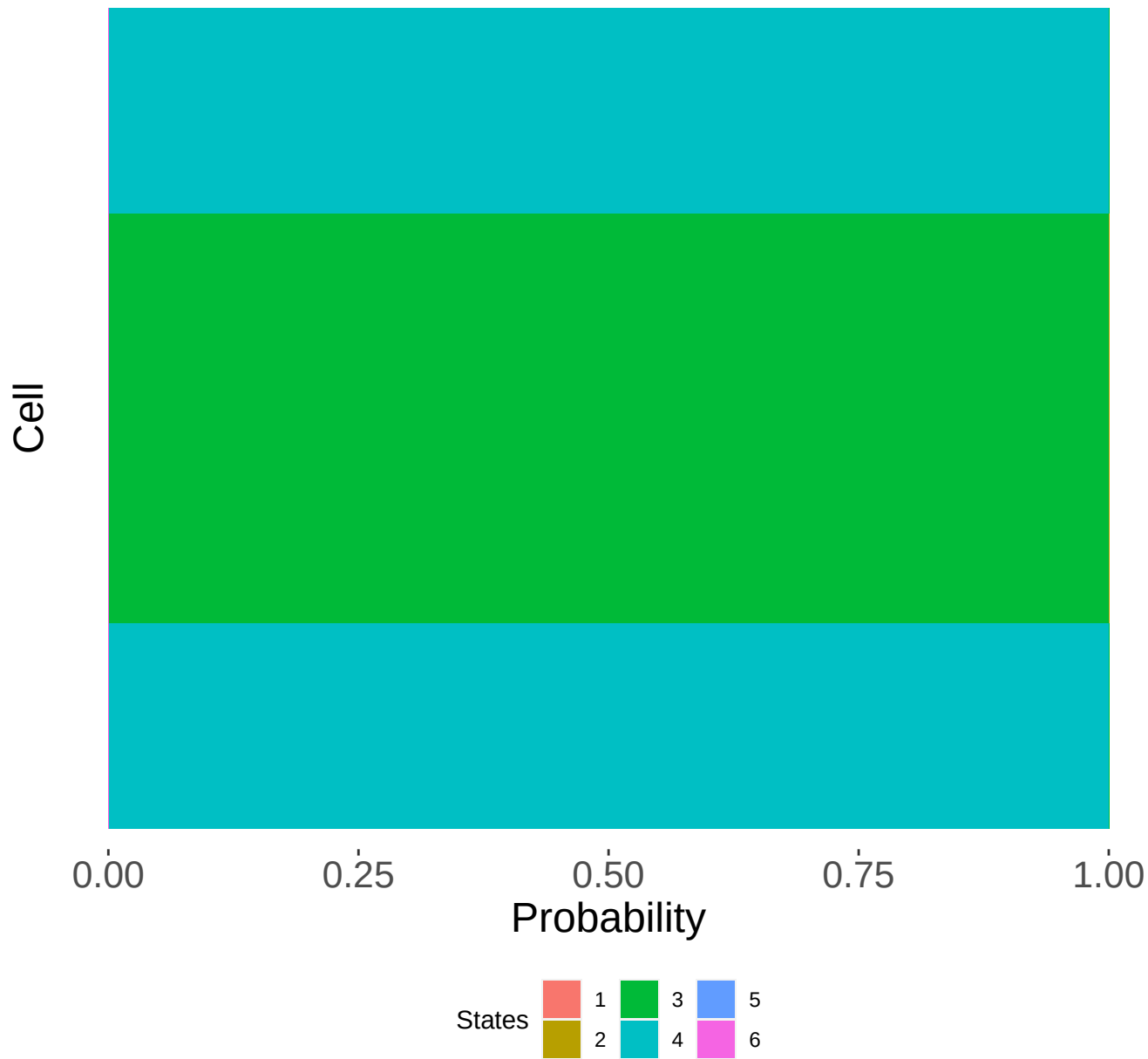
chr7-region_672



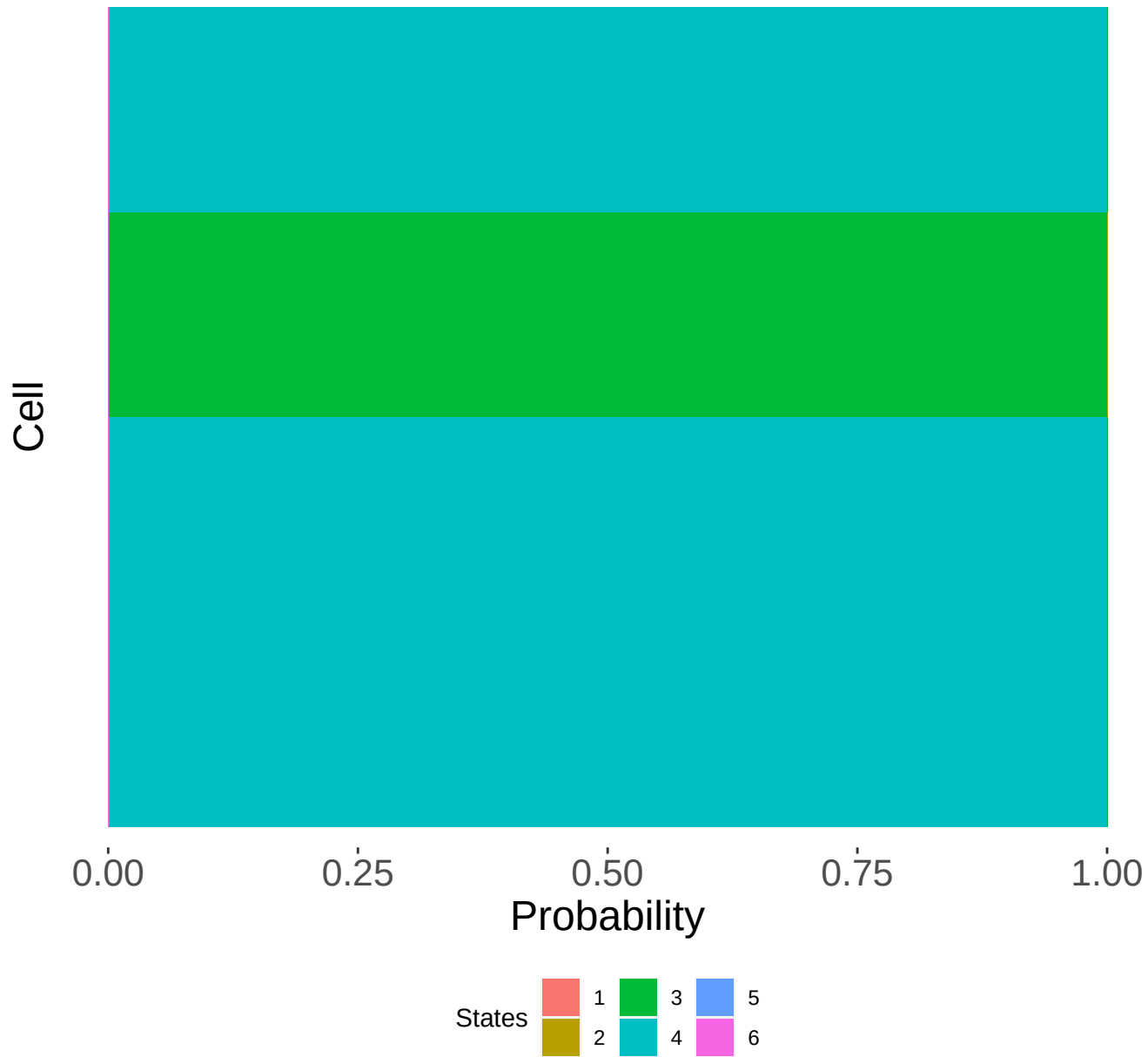
chr13-region_679



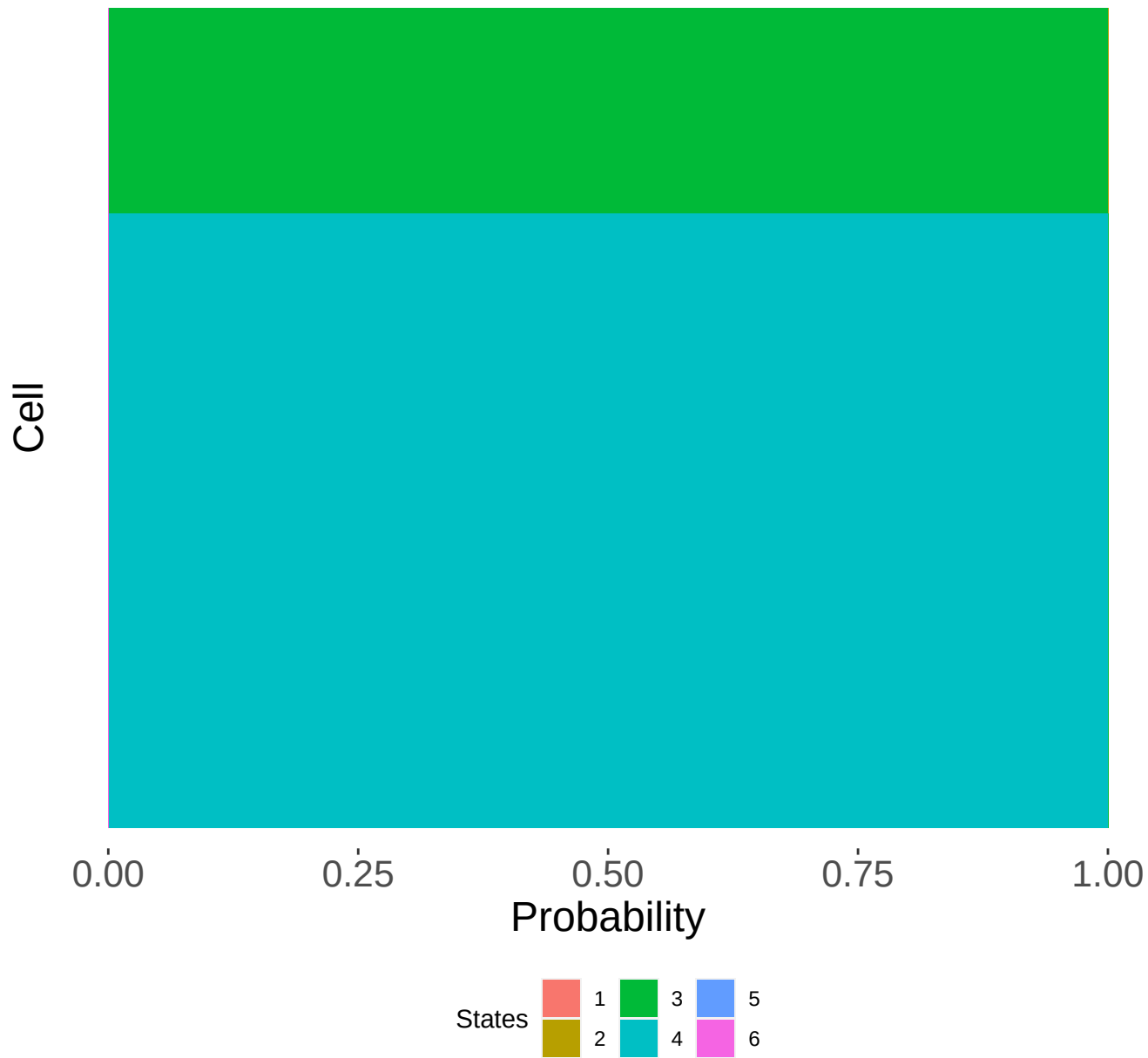
chr13-region_681



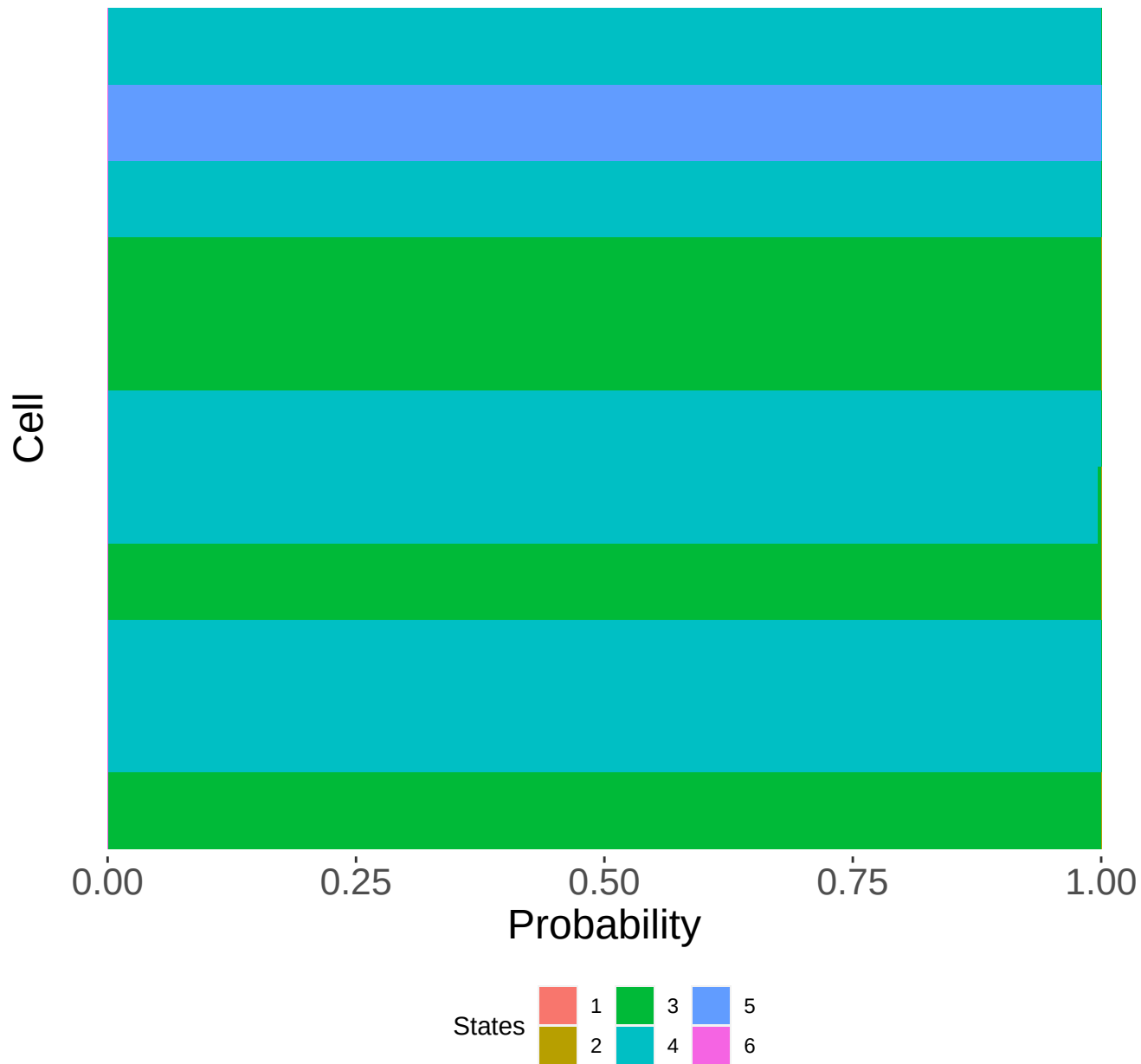
chr15-region_683



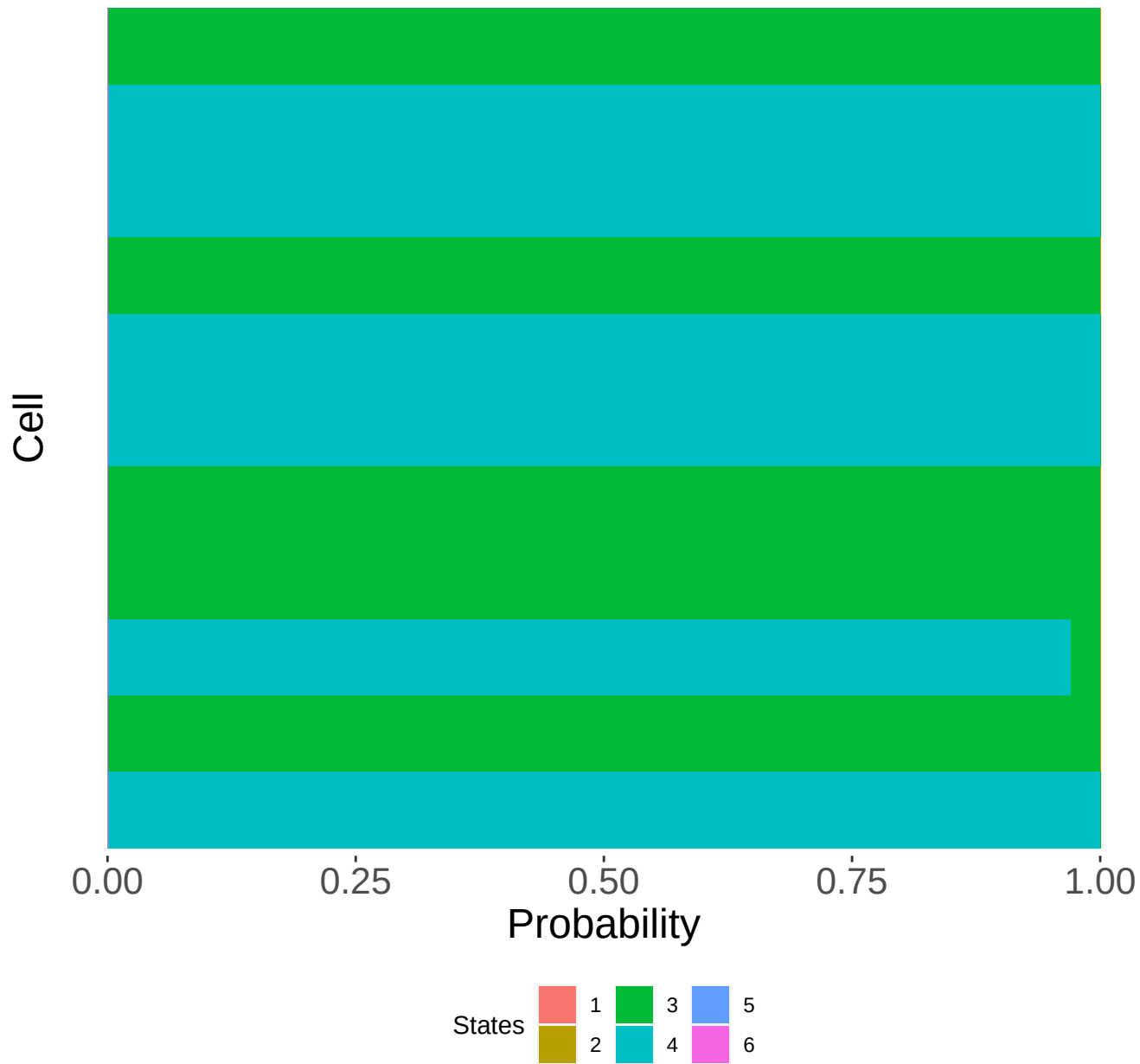
chr19-region_689



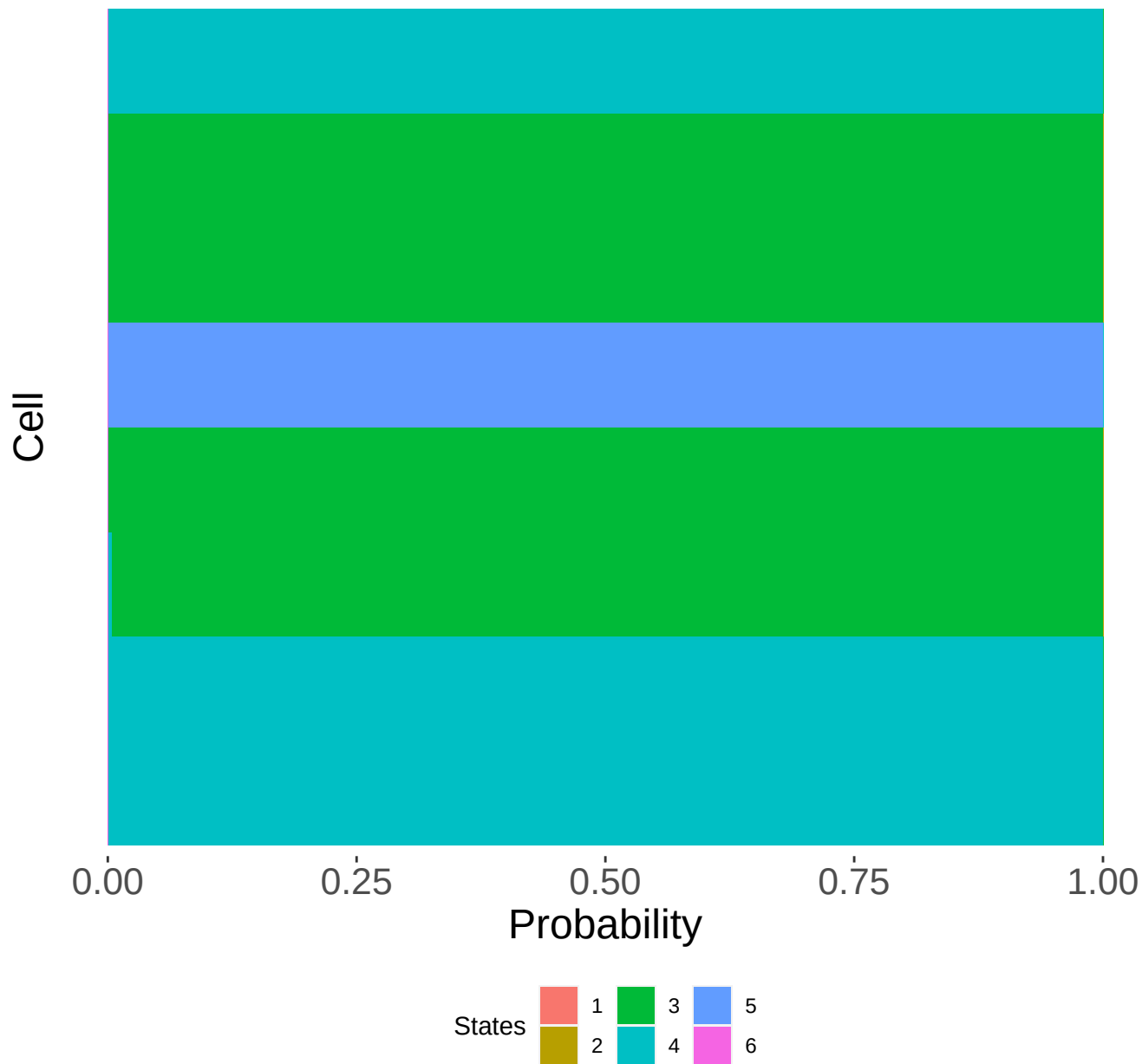
chr8-region_698



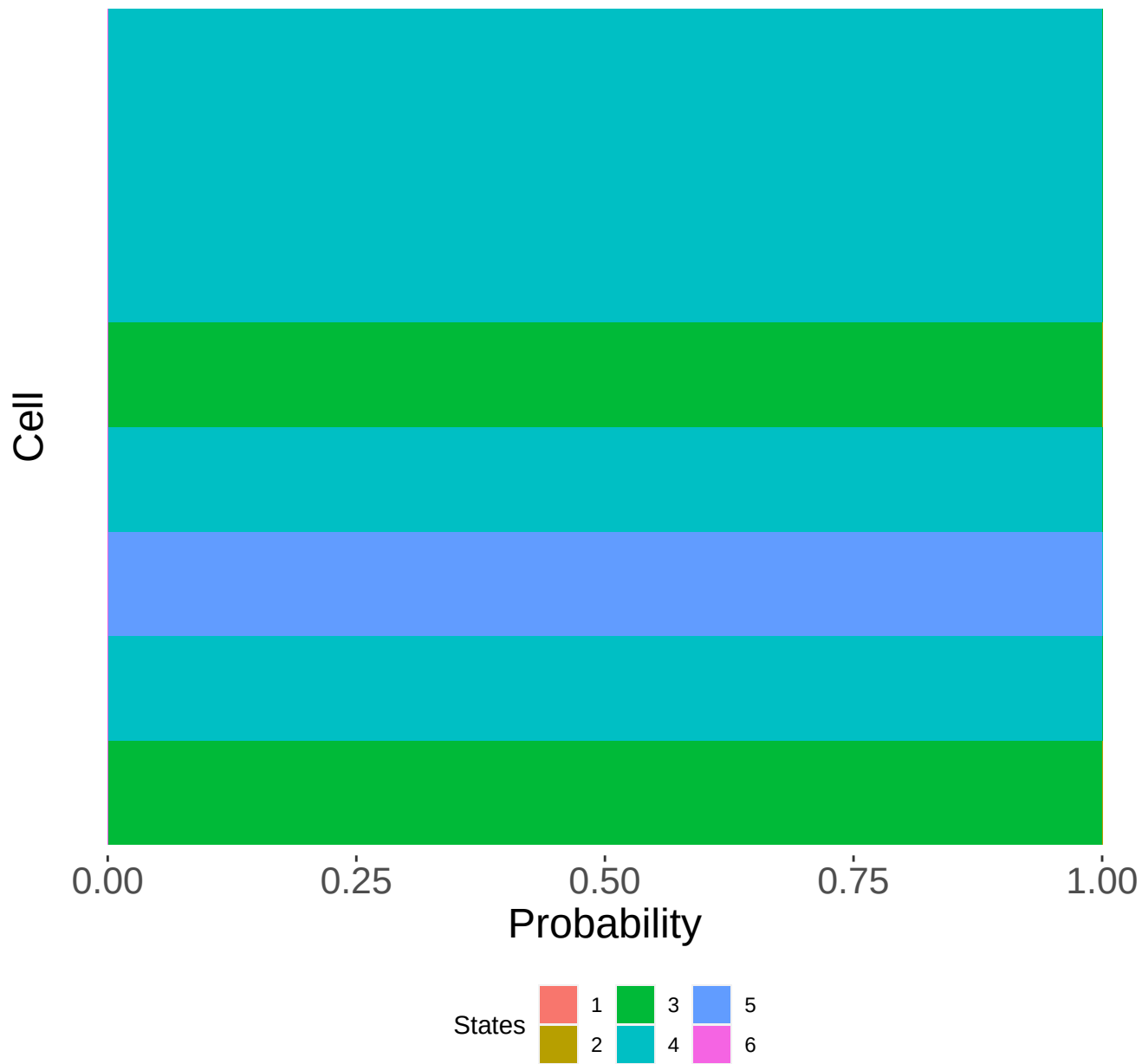
chr15-region_706



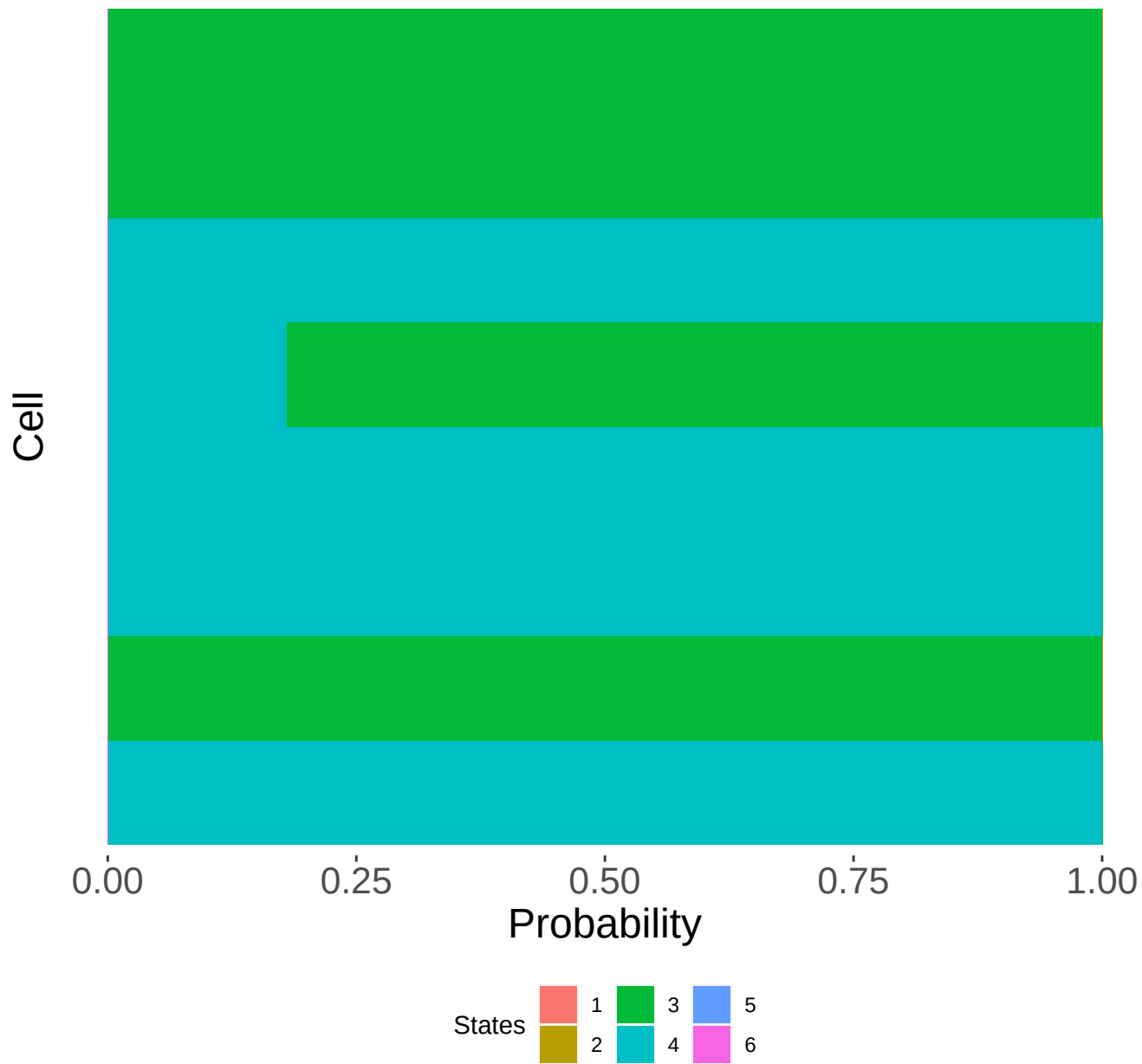
chr8-region_739



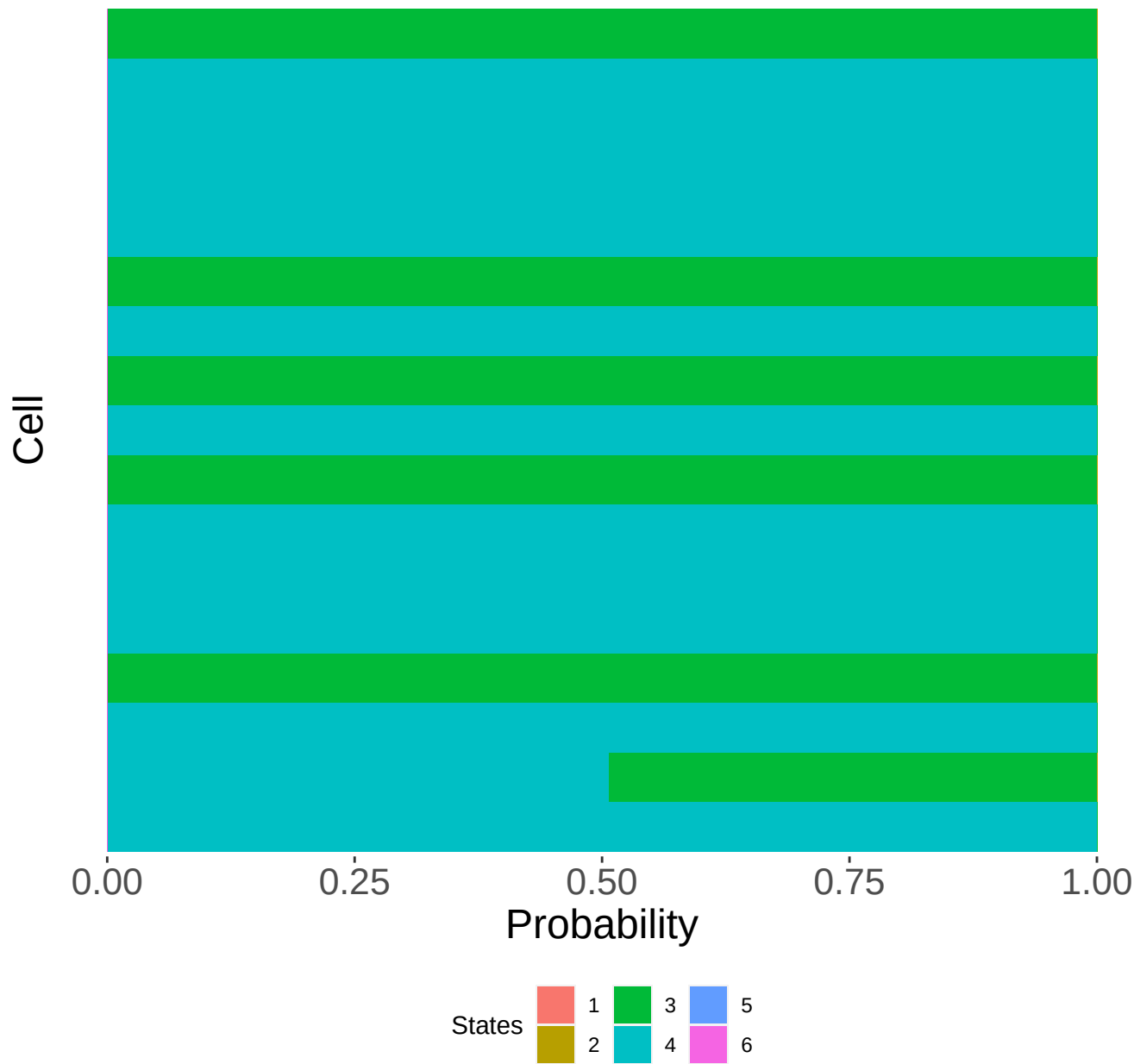
chr14-region_746



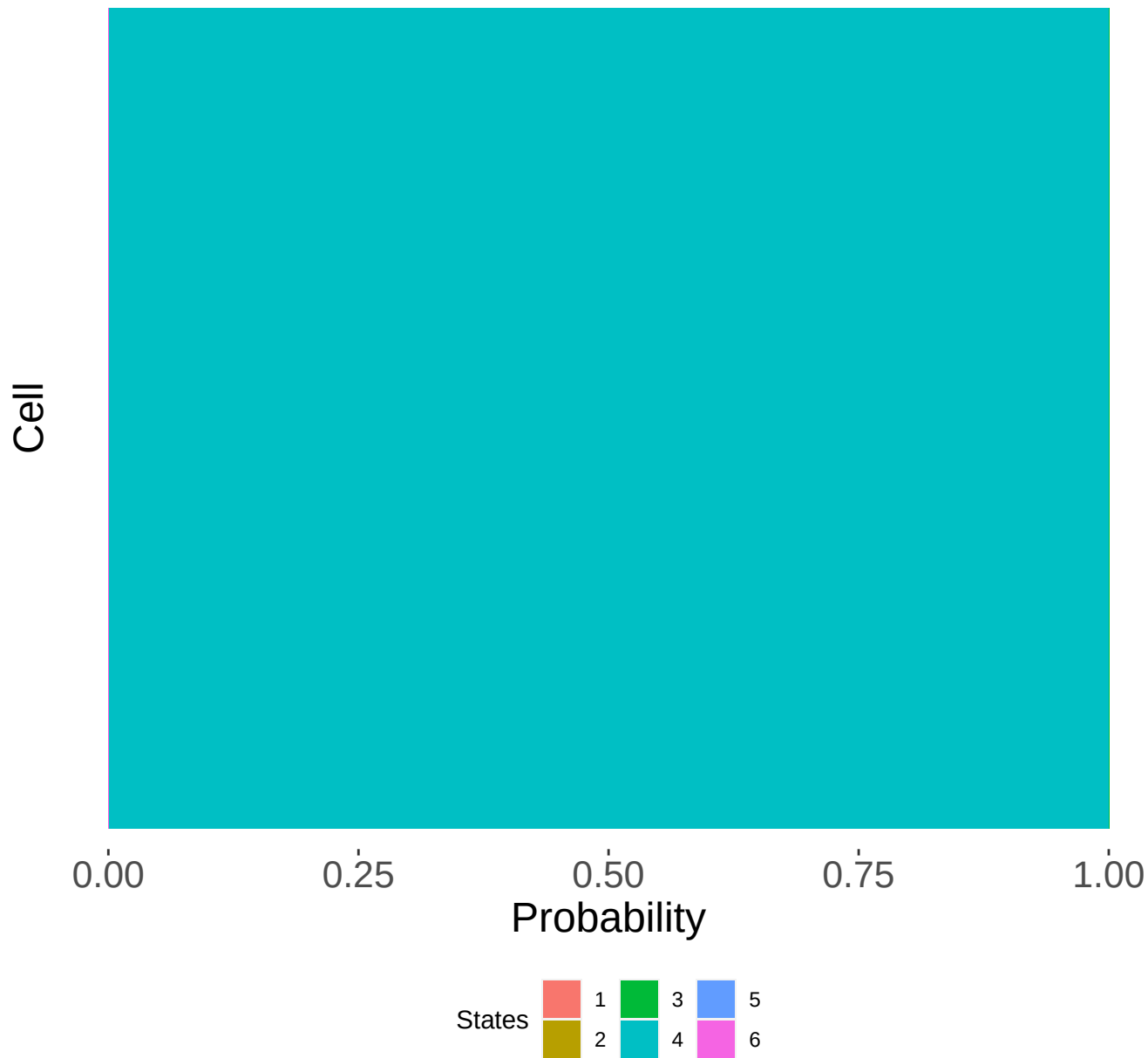
chr16-region_750



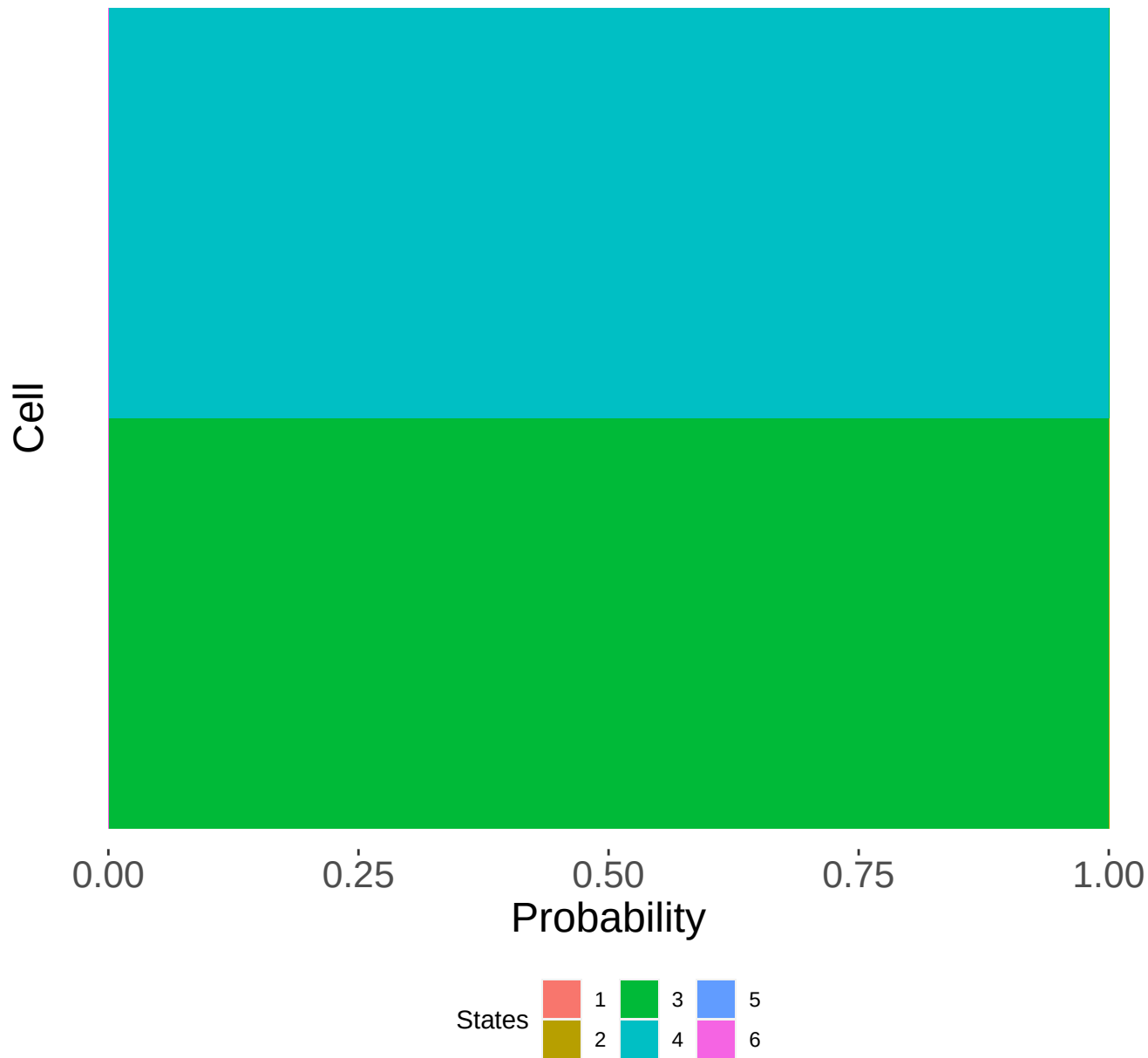
chr15-region_769



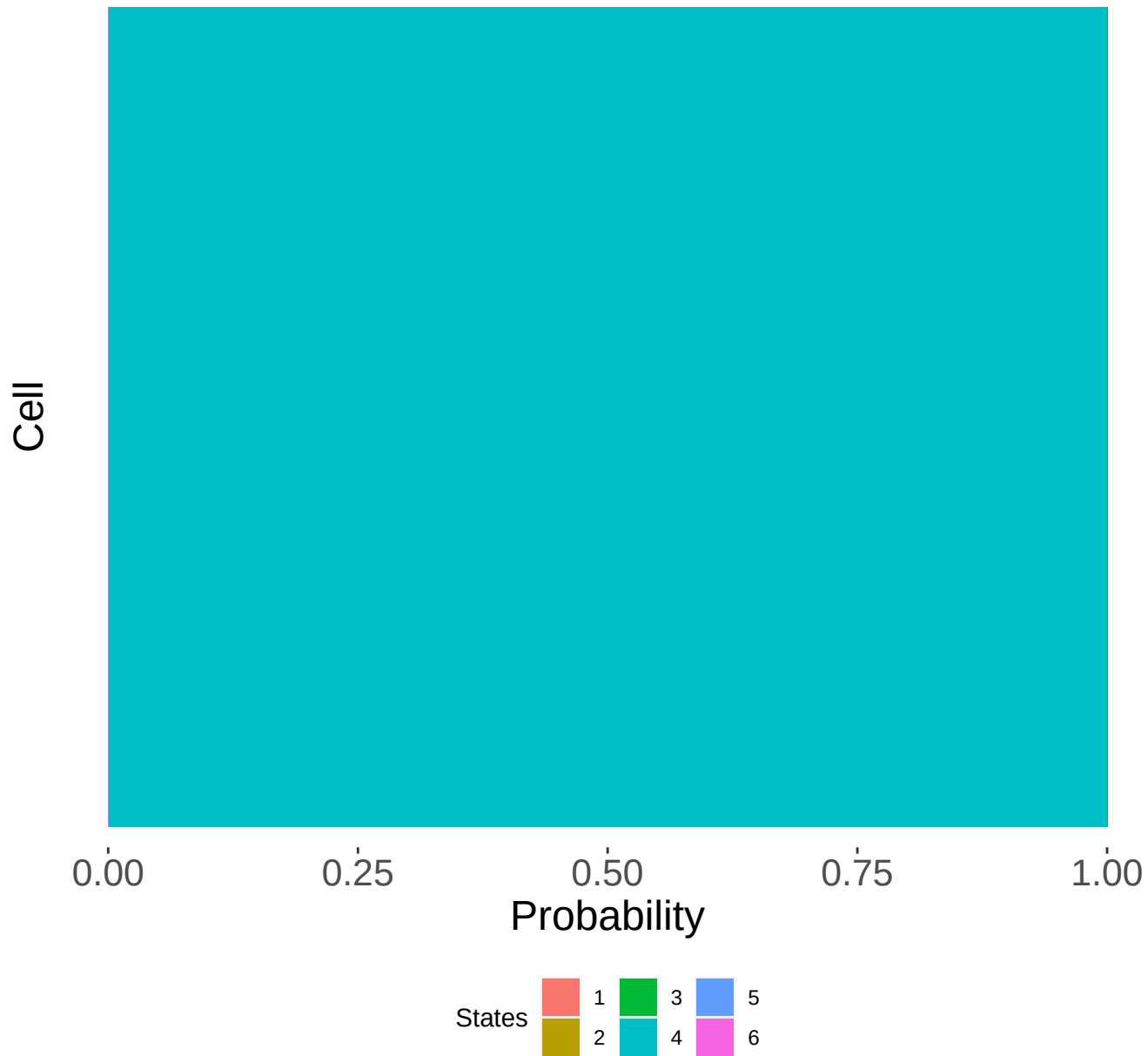
chr2-region_795



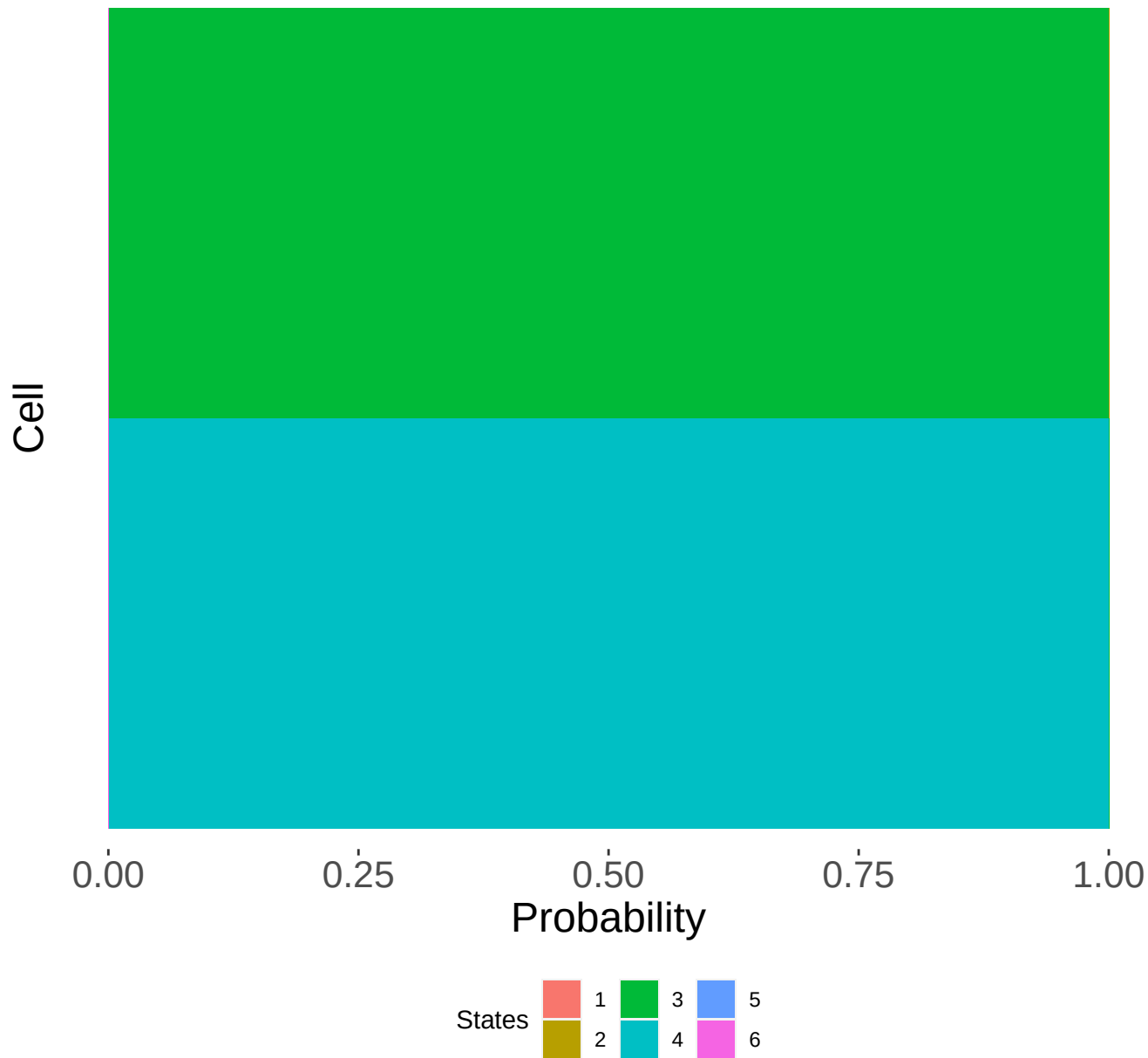
chr2-region_797



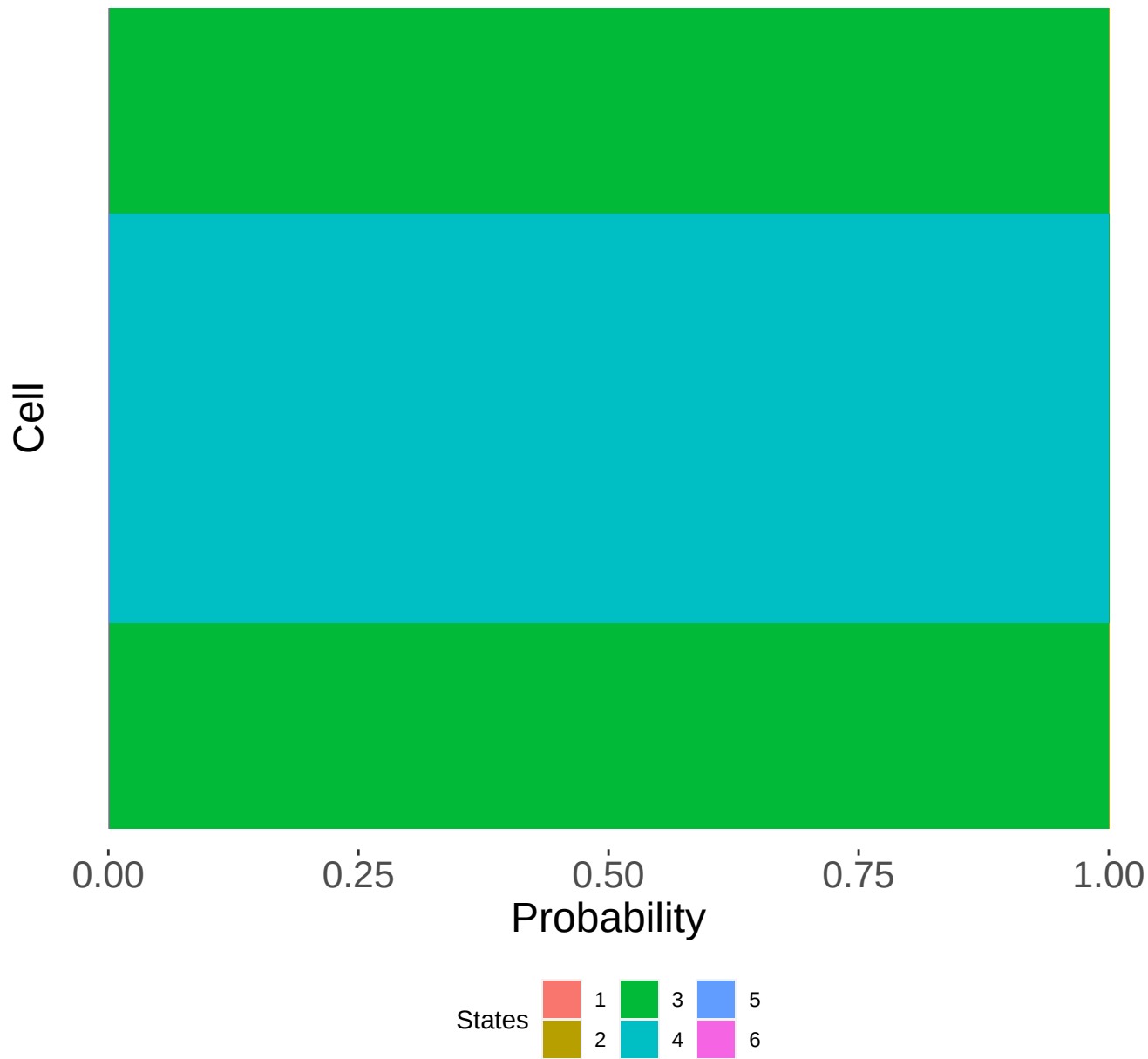
chr4-region_801



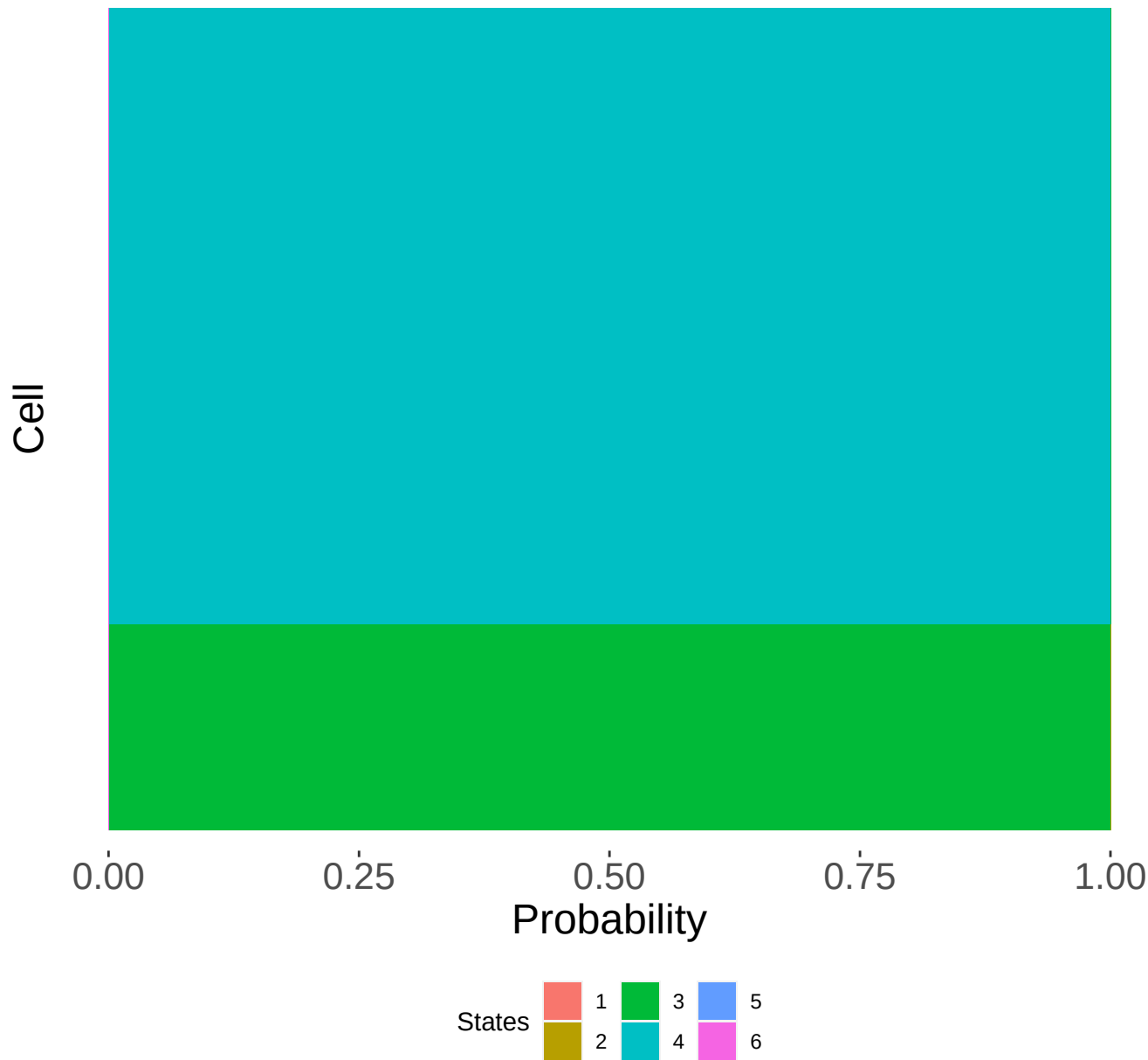
chr5-region_804



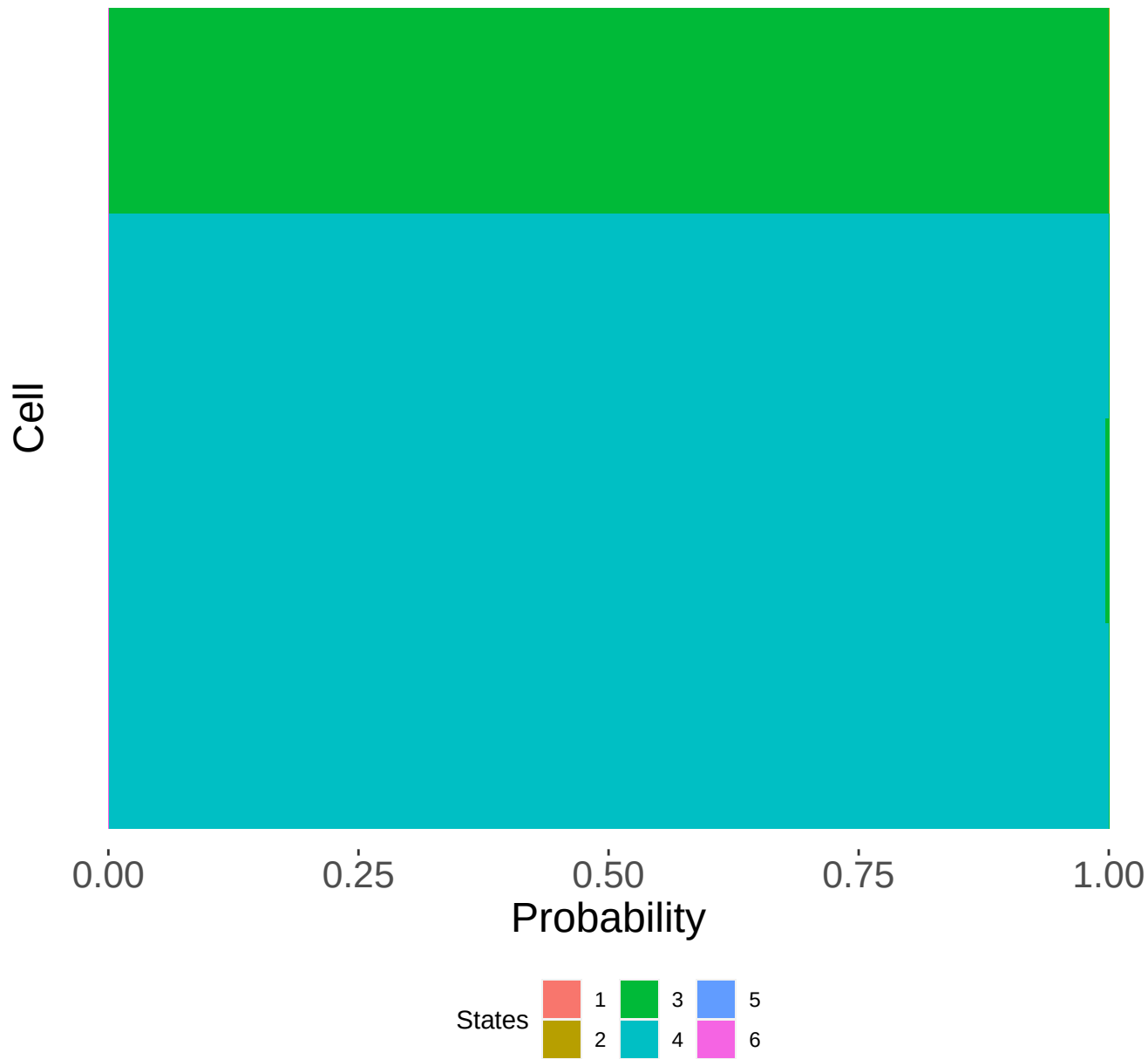
chr13-region_814



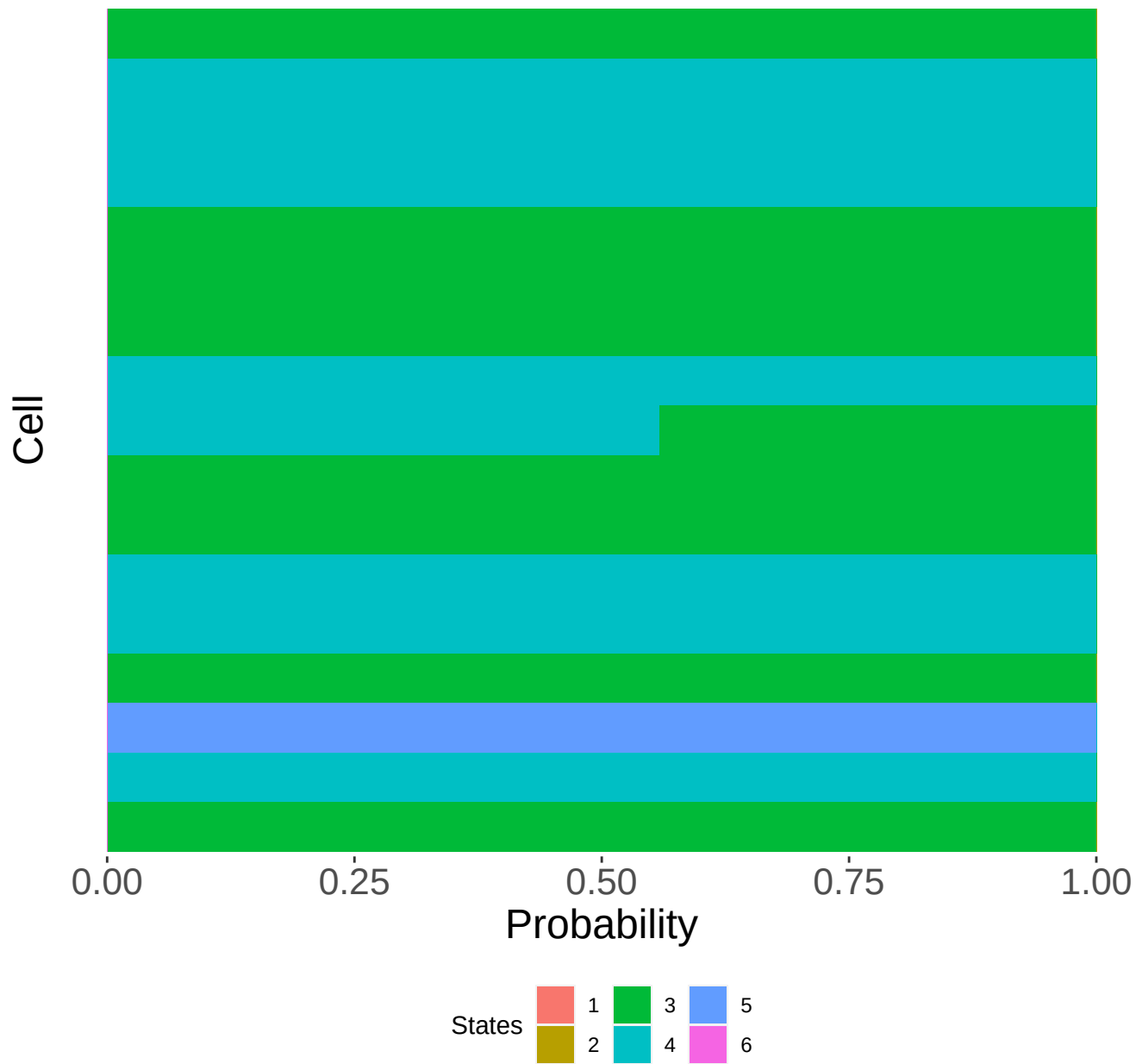
chr14-region_817



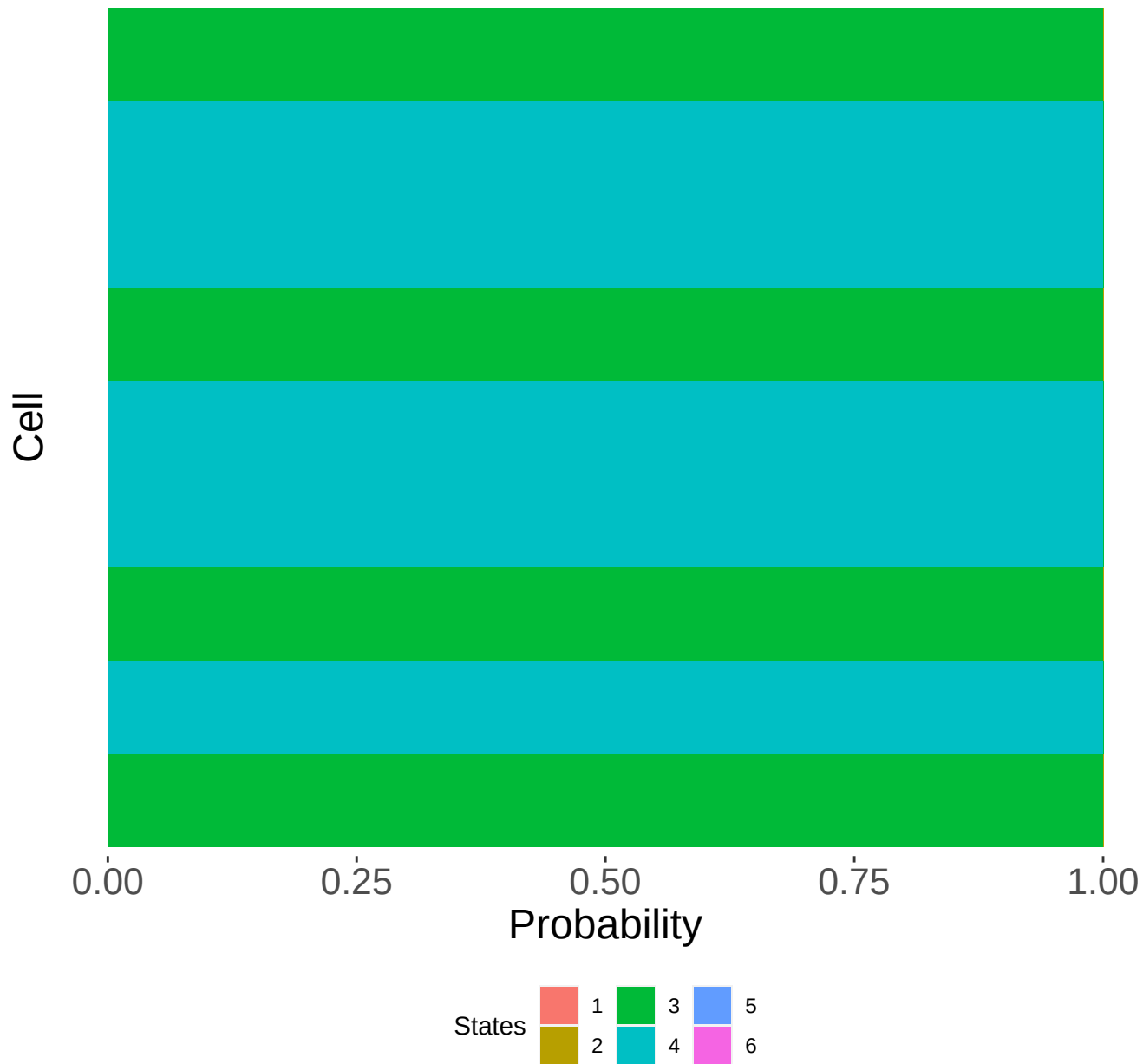
chr18-region_822



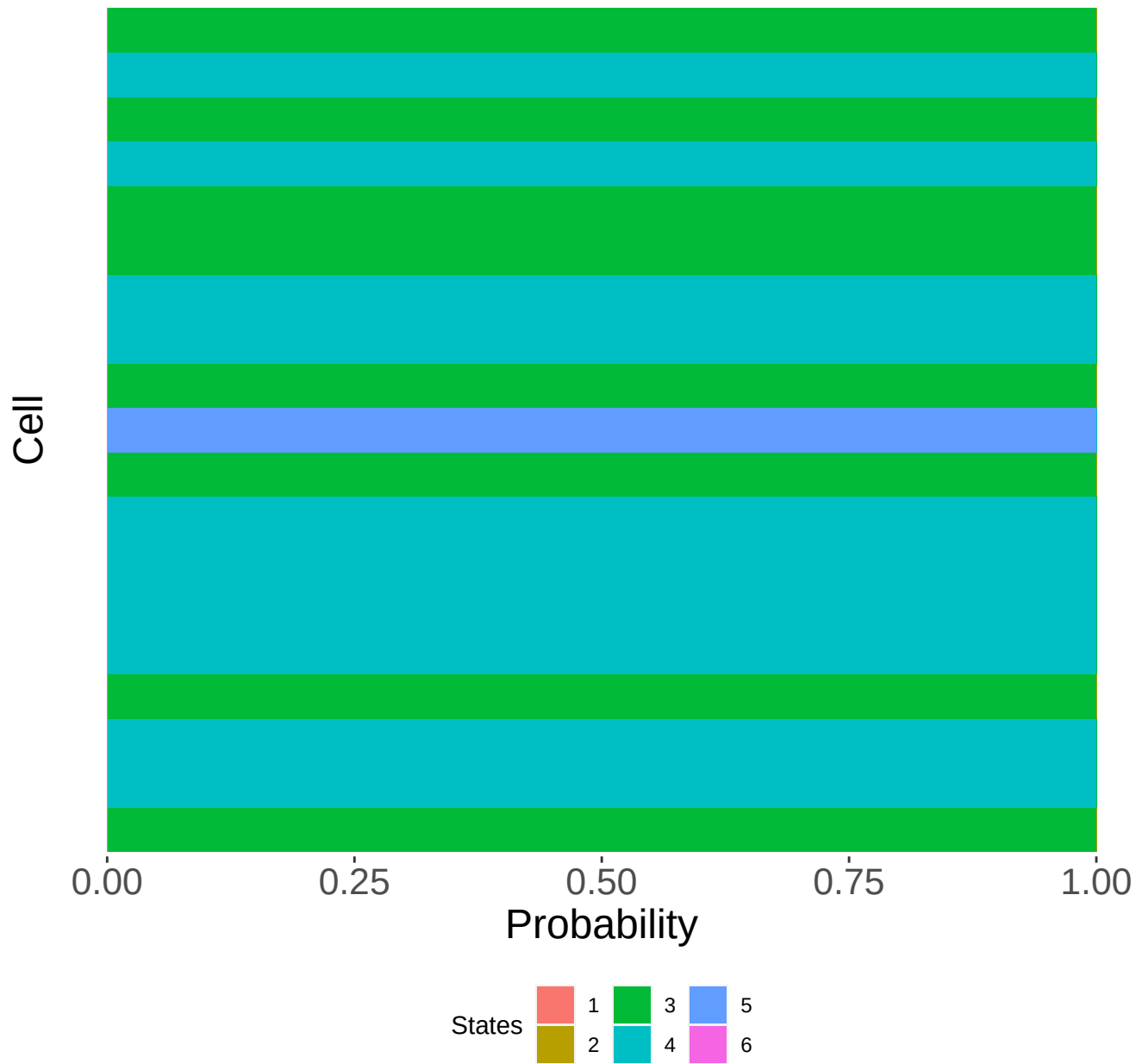
chr7-region_888



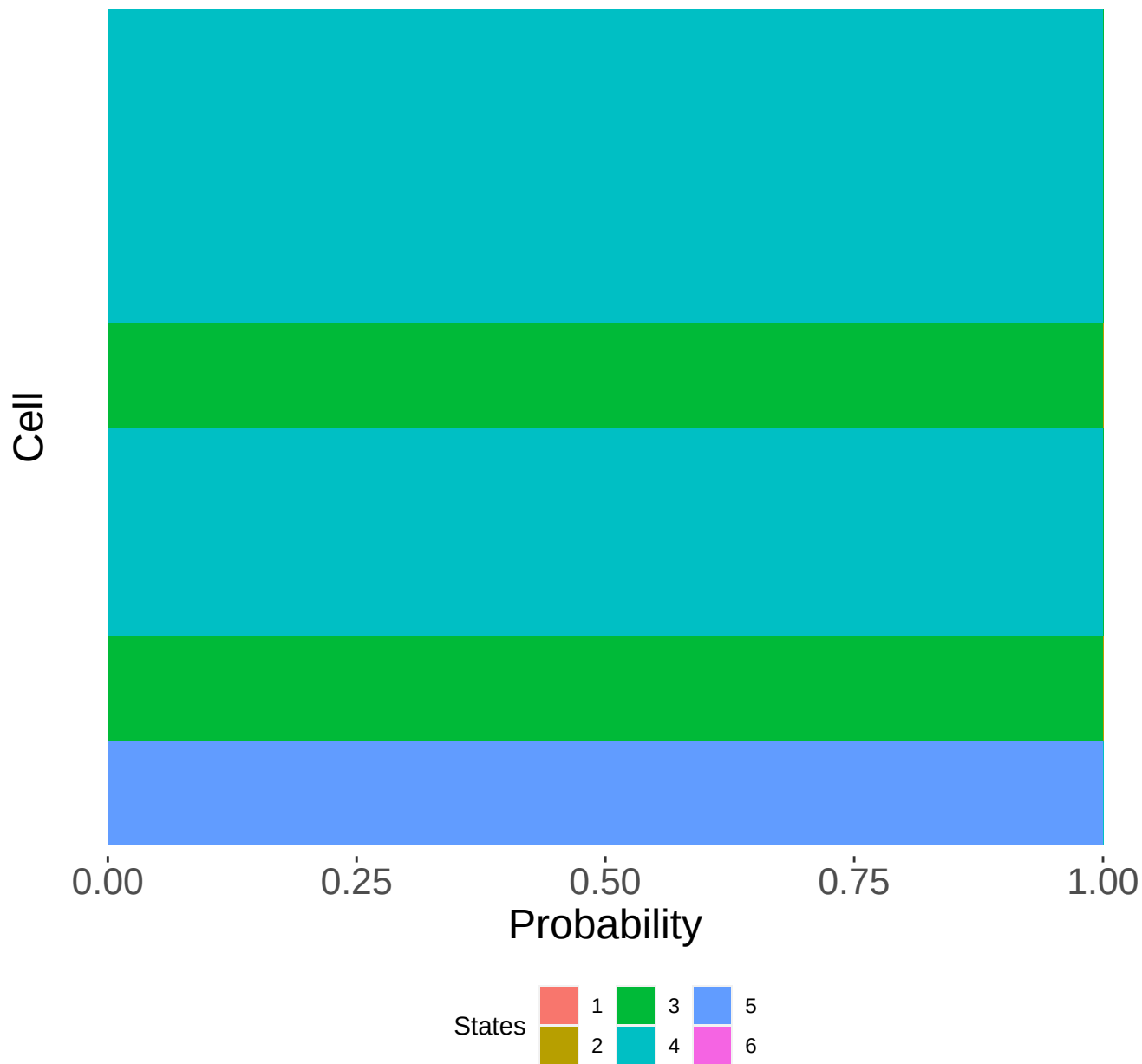
chr2-region_903



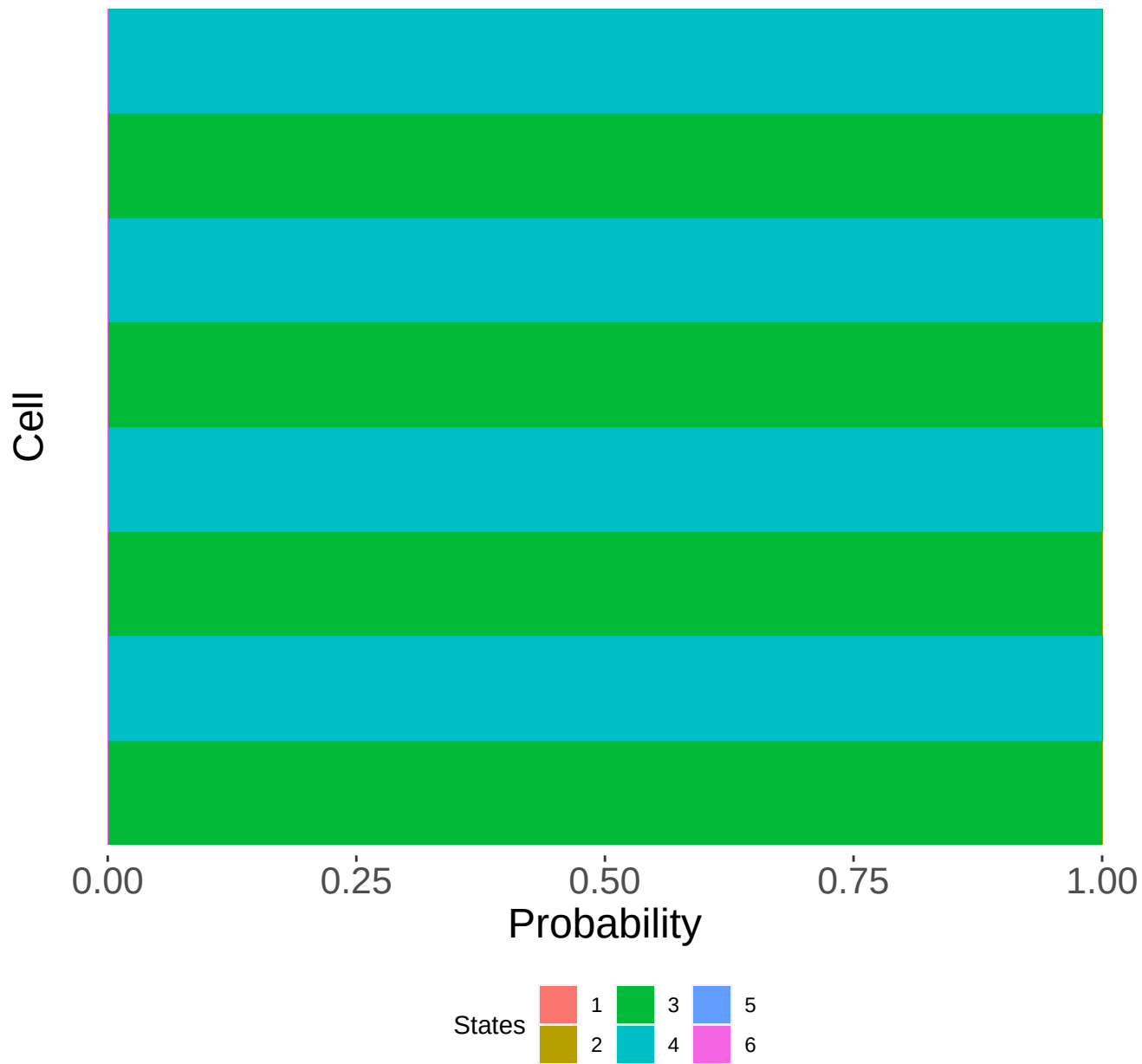
chr5-region_927



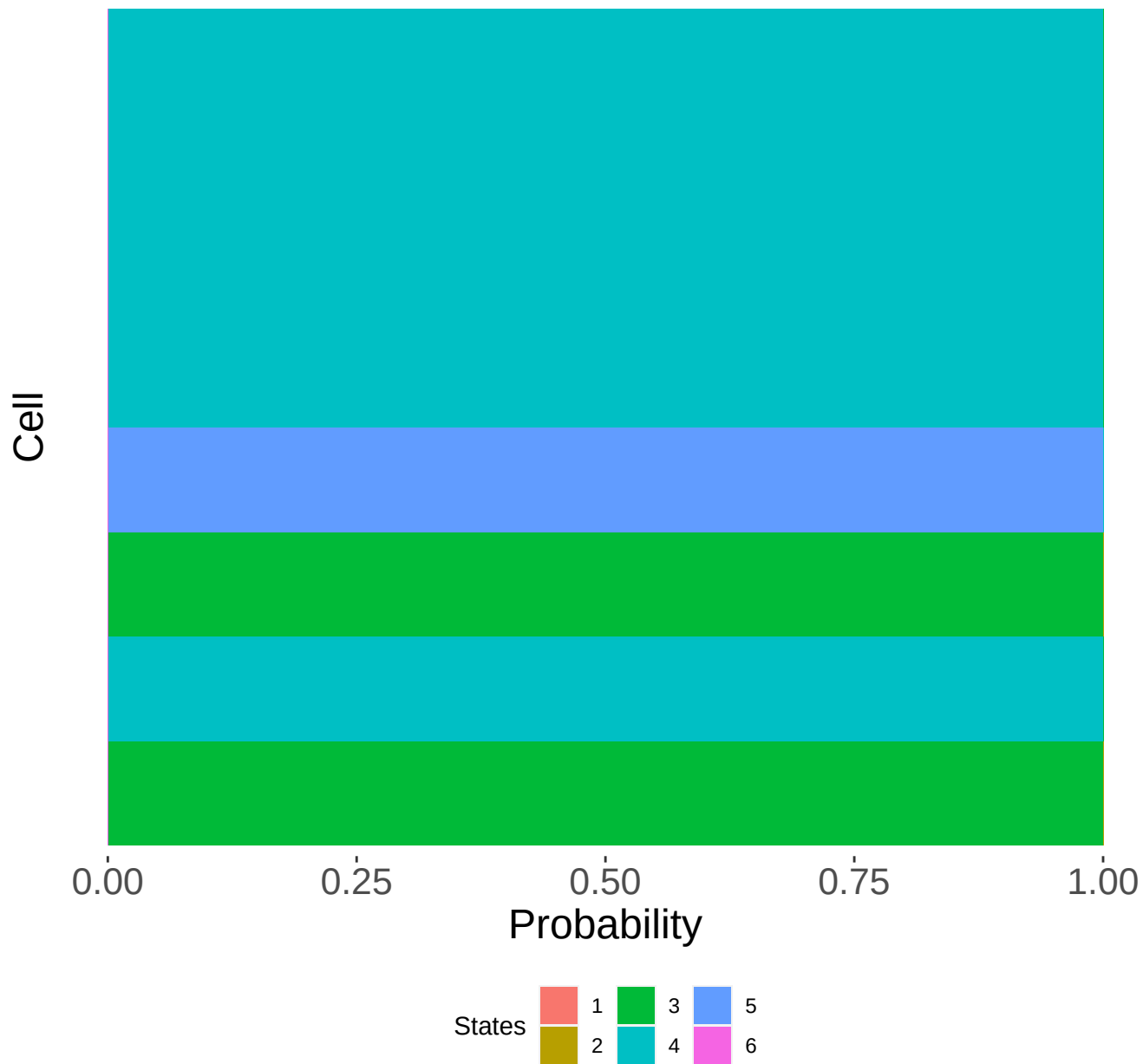
chr3-region_964



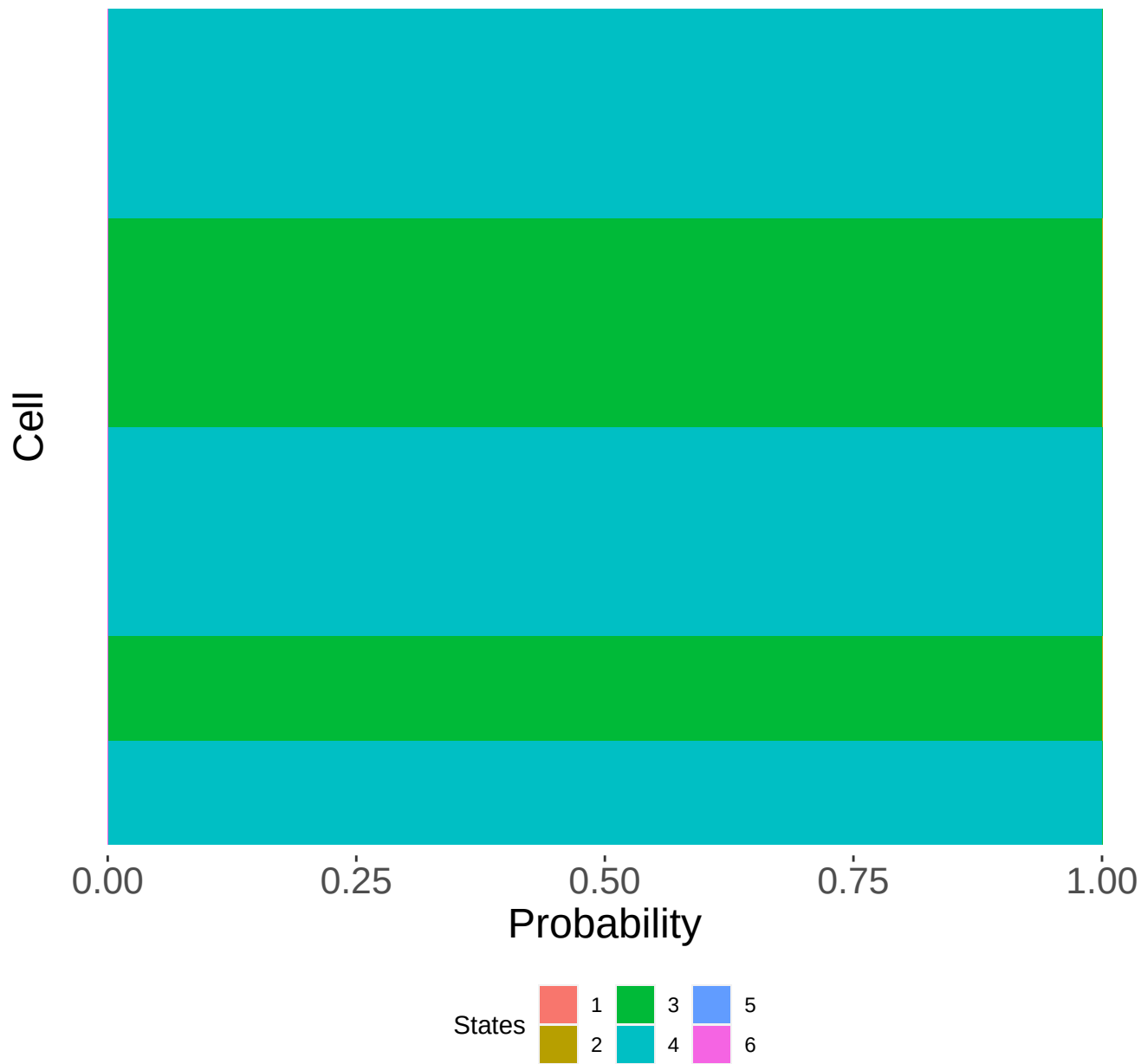
chr4-region_967



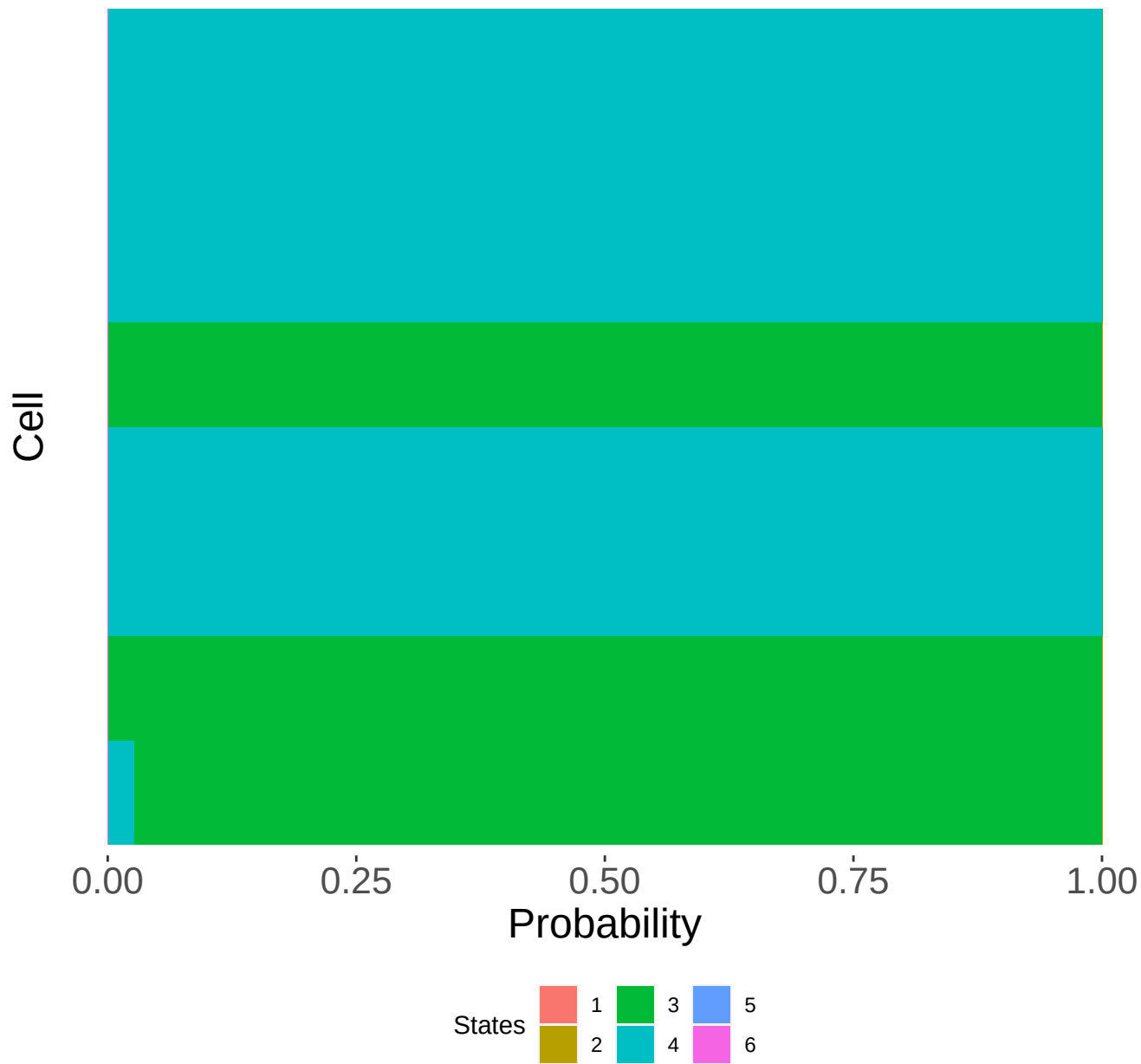
chr8-region_972



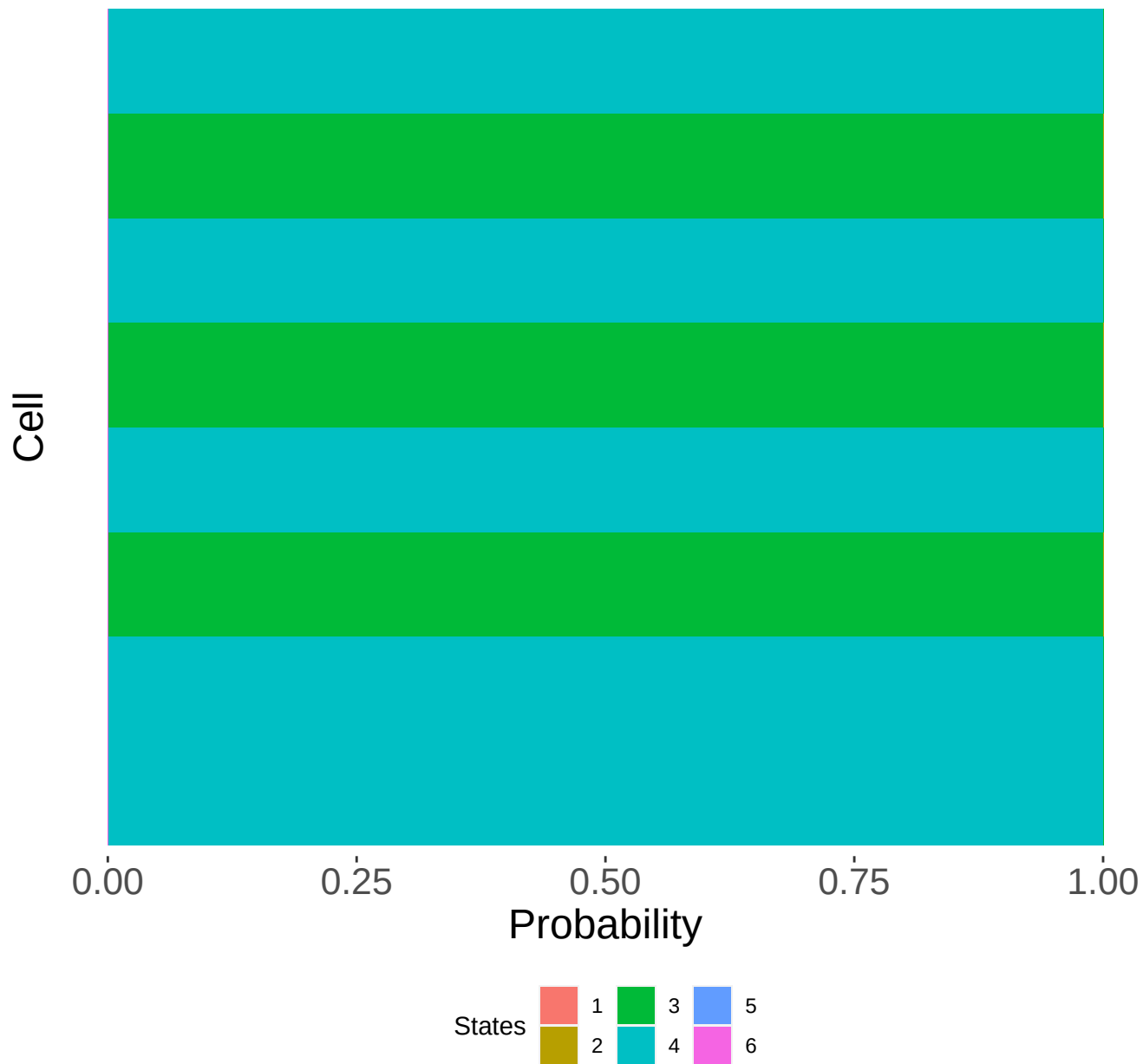
chr15-region_981



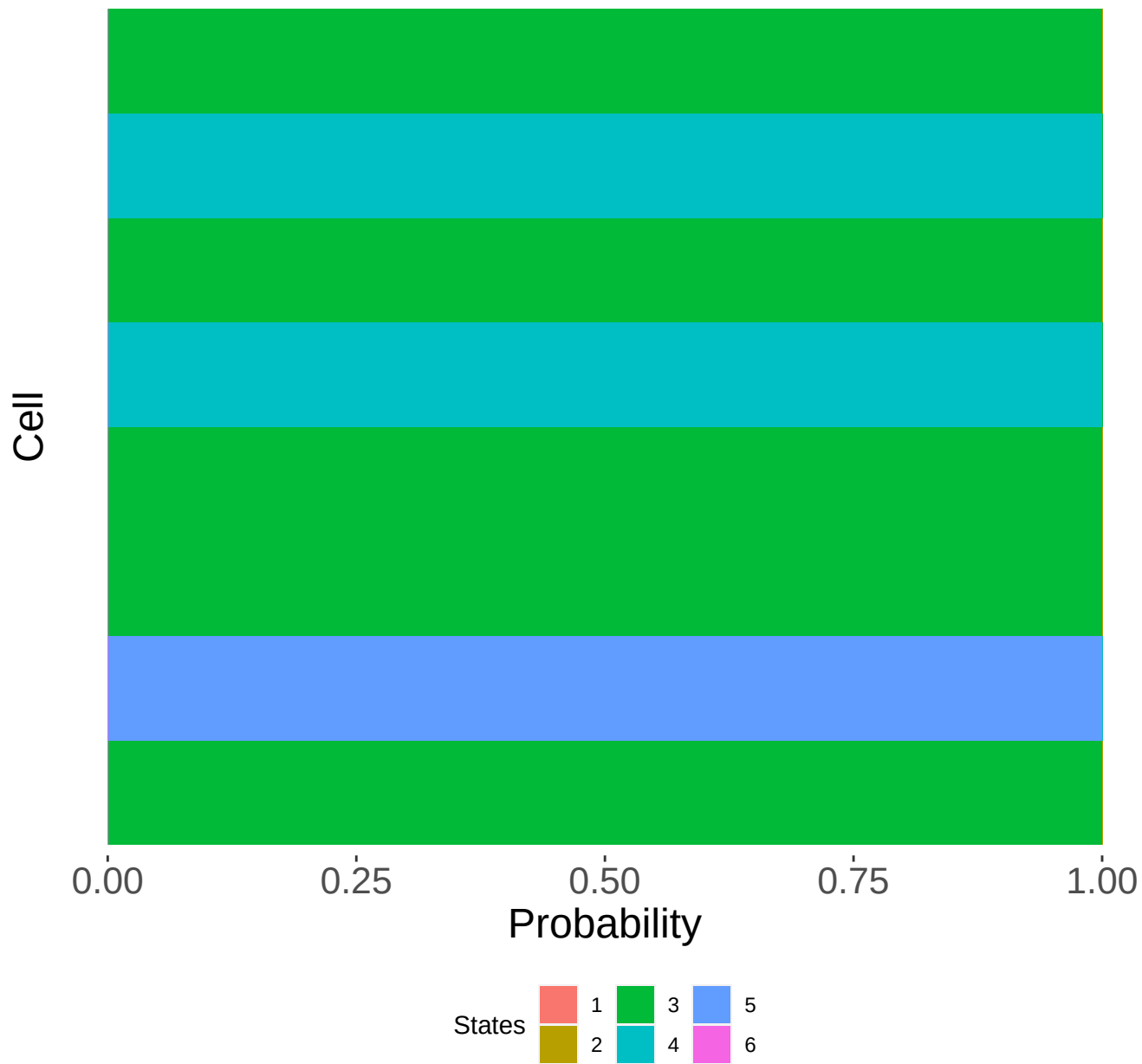
chr19-region_987



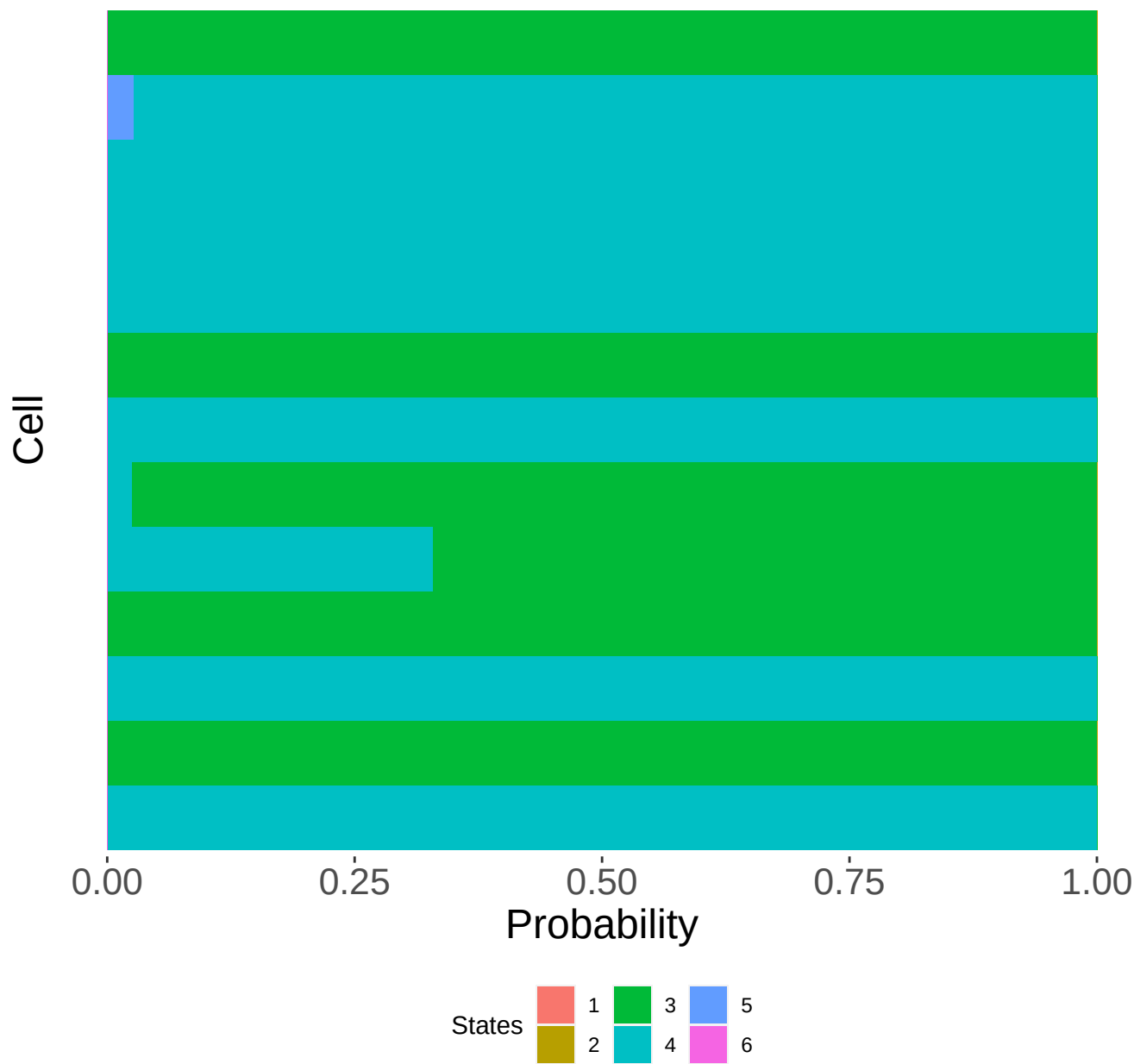
chr4-region_993



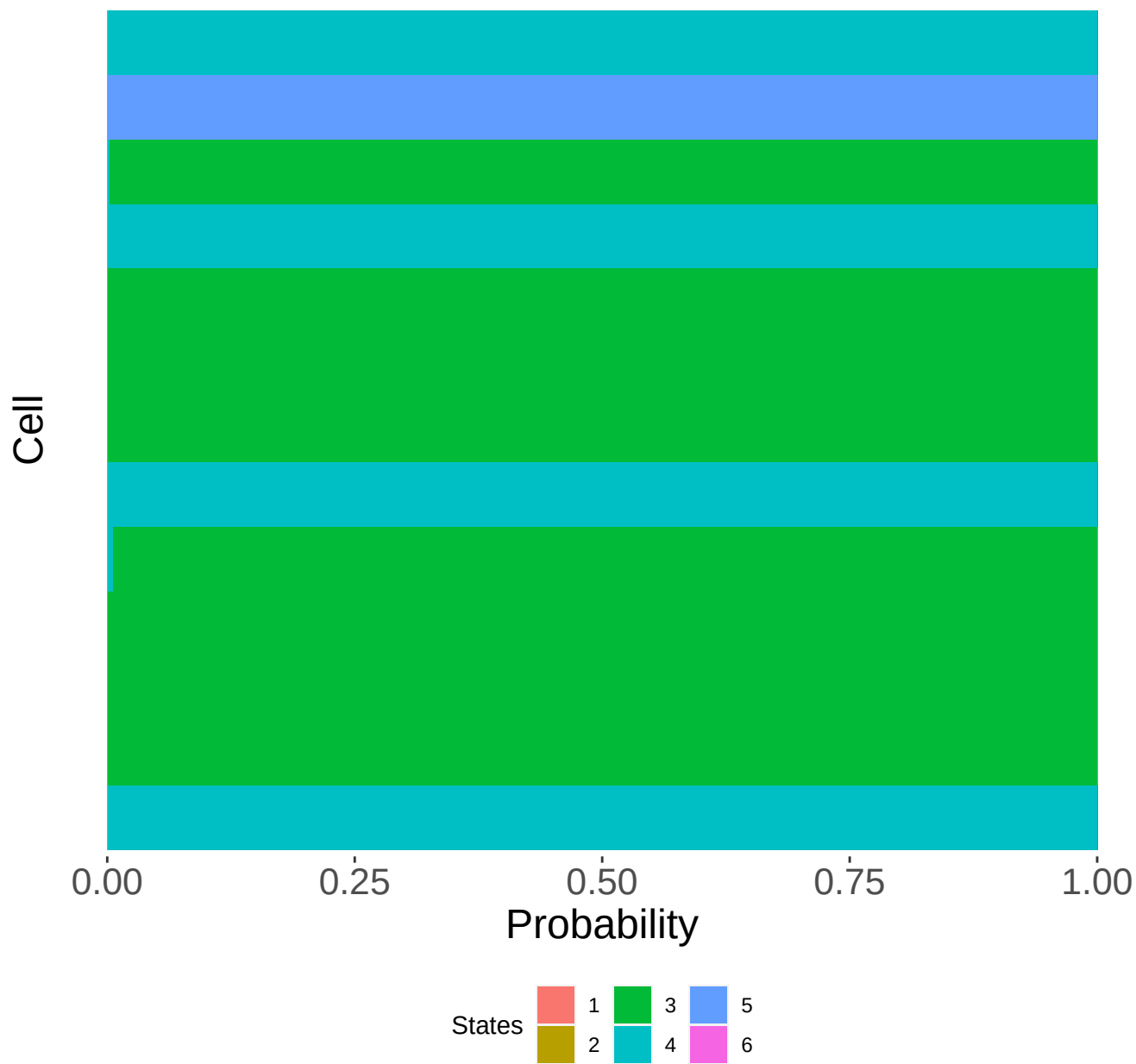
chr12-region_1003



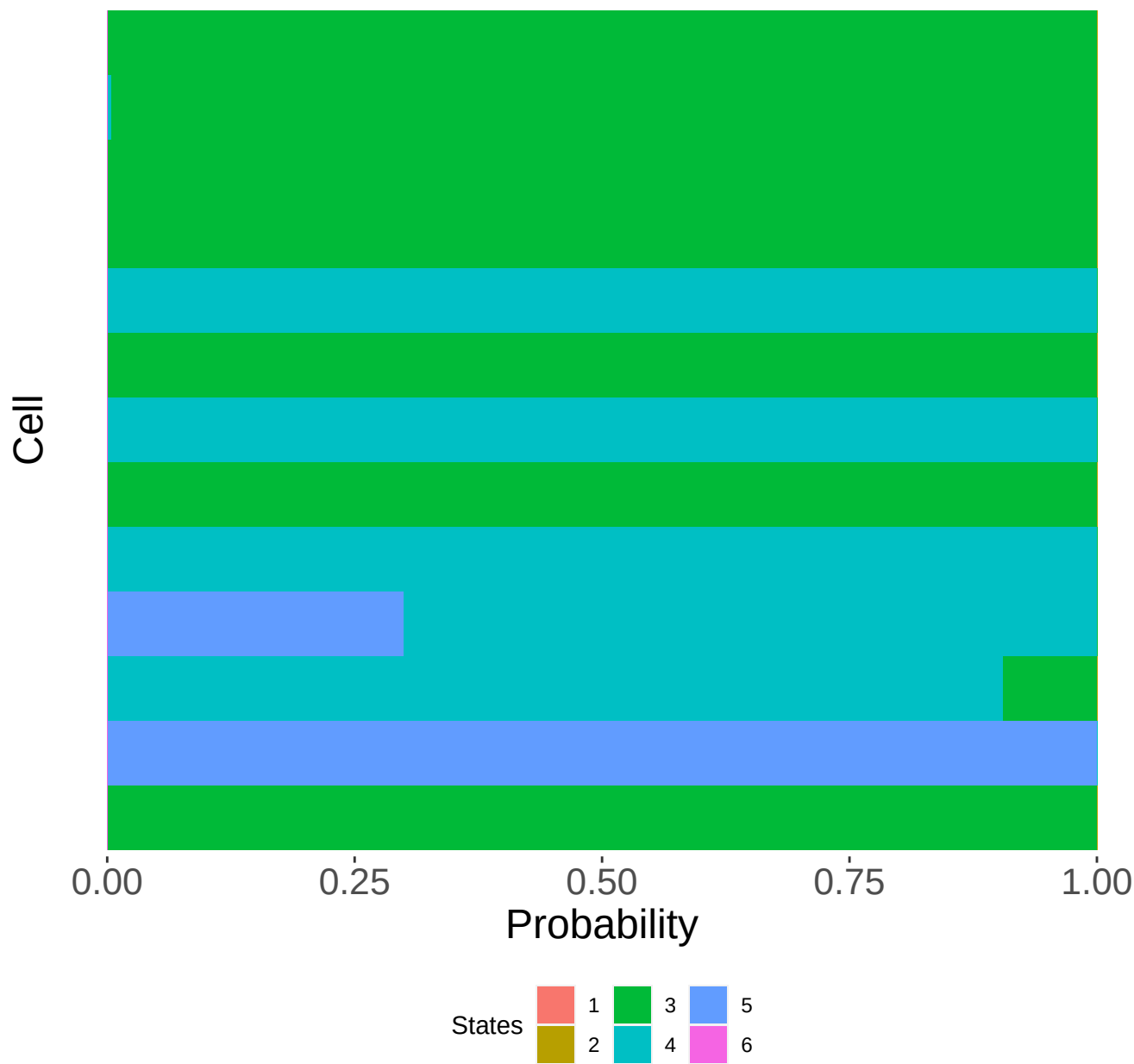
chr1-region_1051



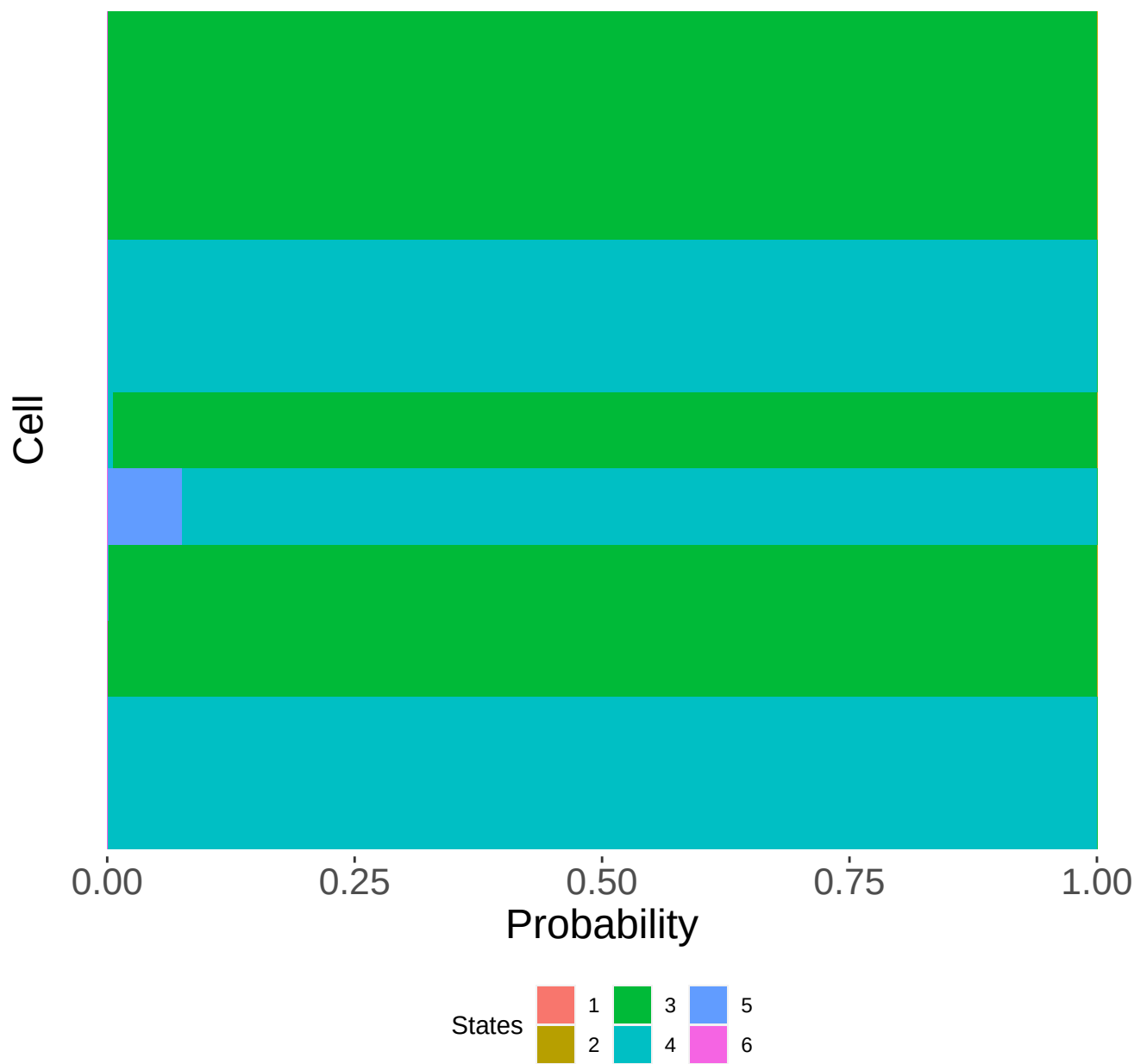
chr2-region_1090



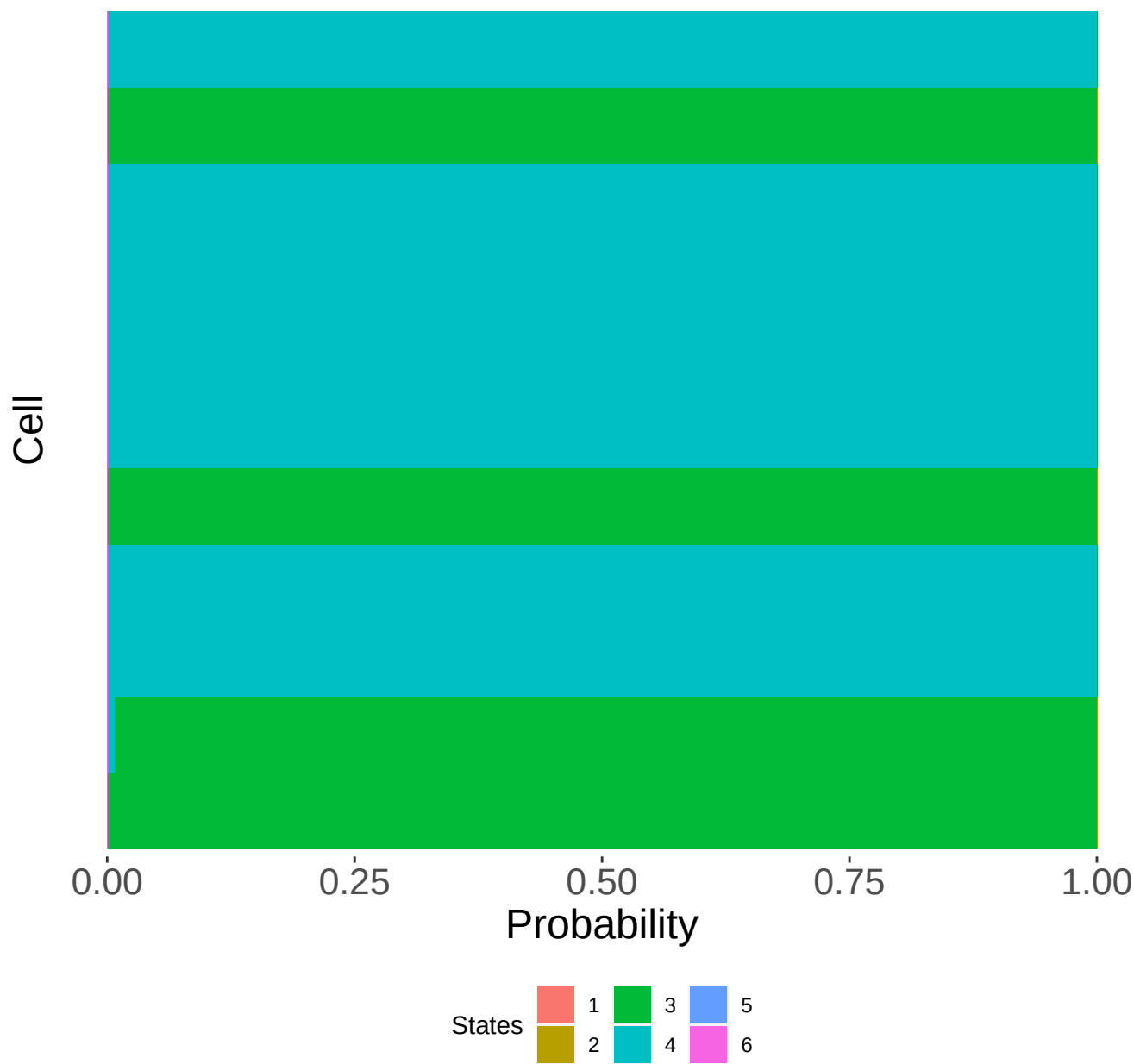
chr11-region_1101



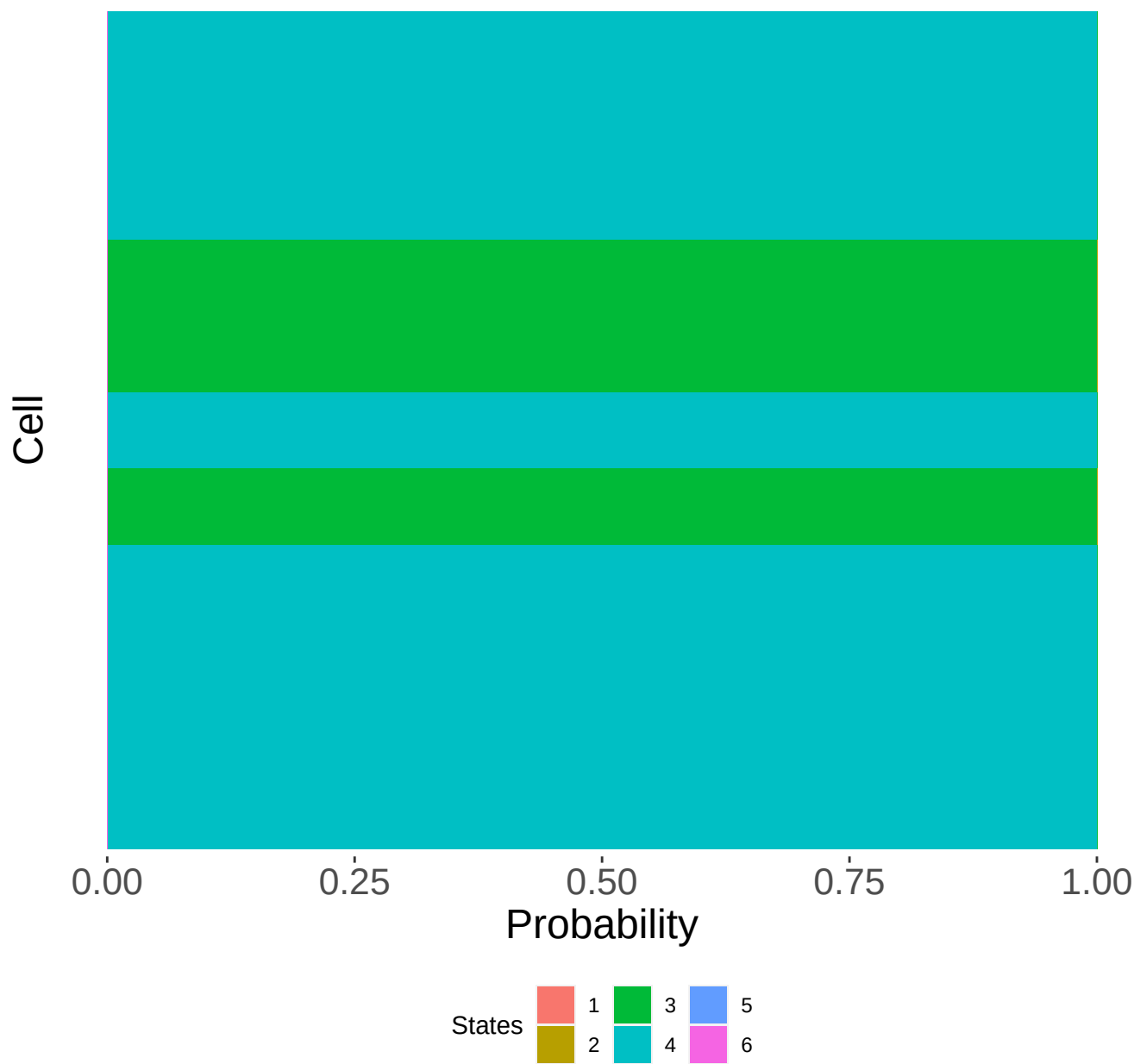
chr3-region_1114



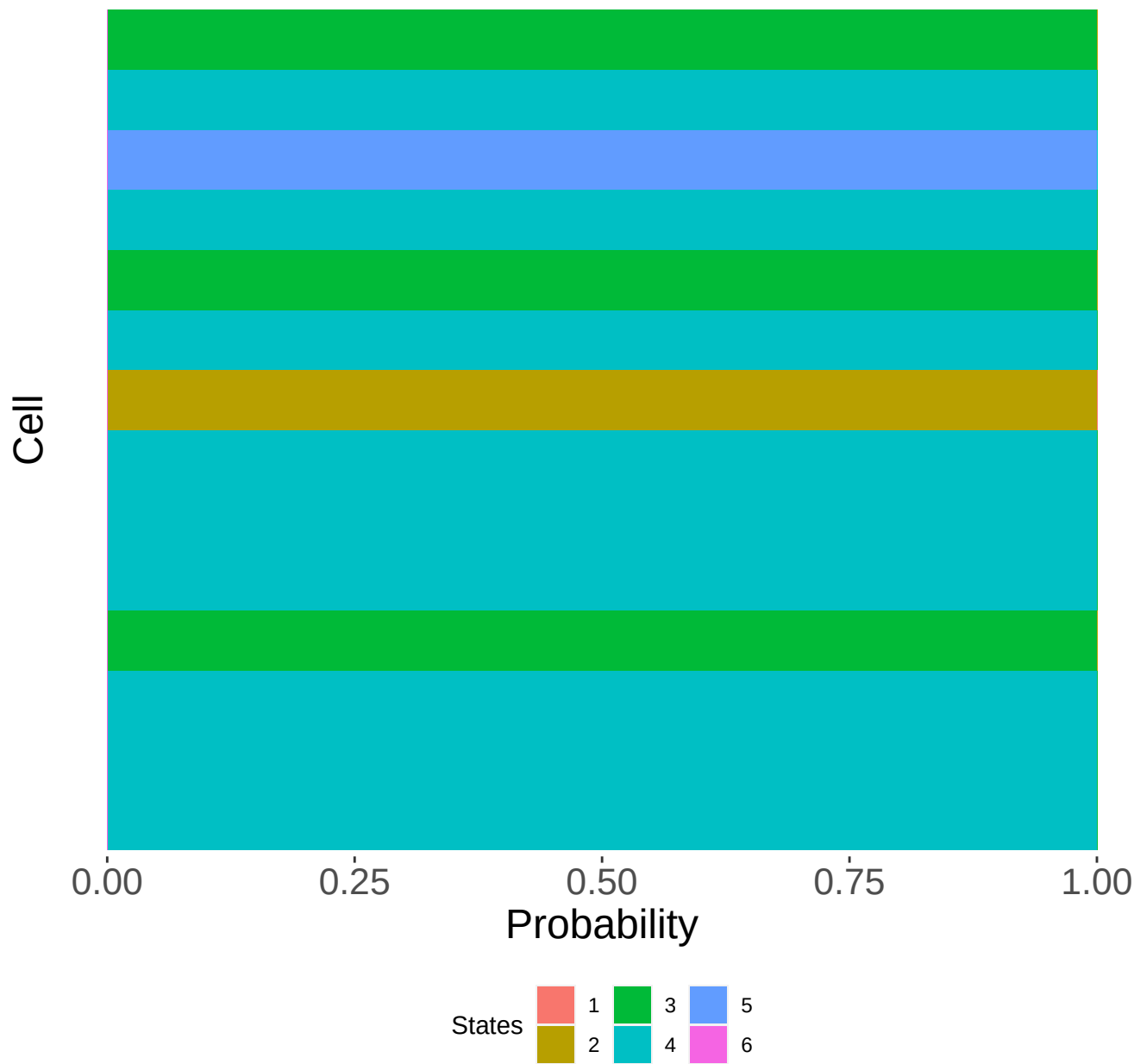
chr11-region_1124



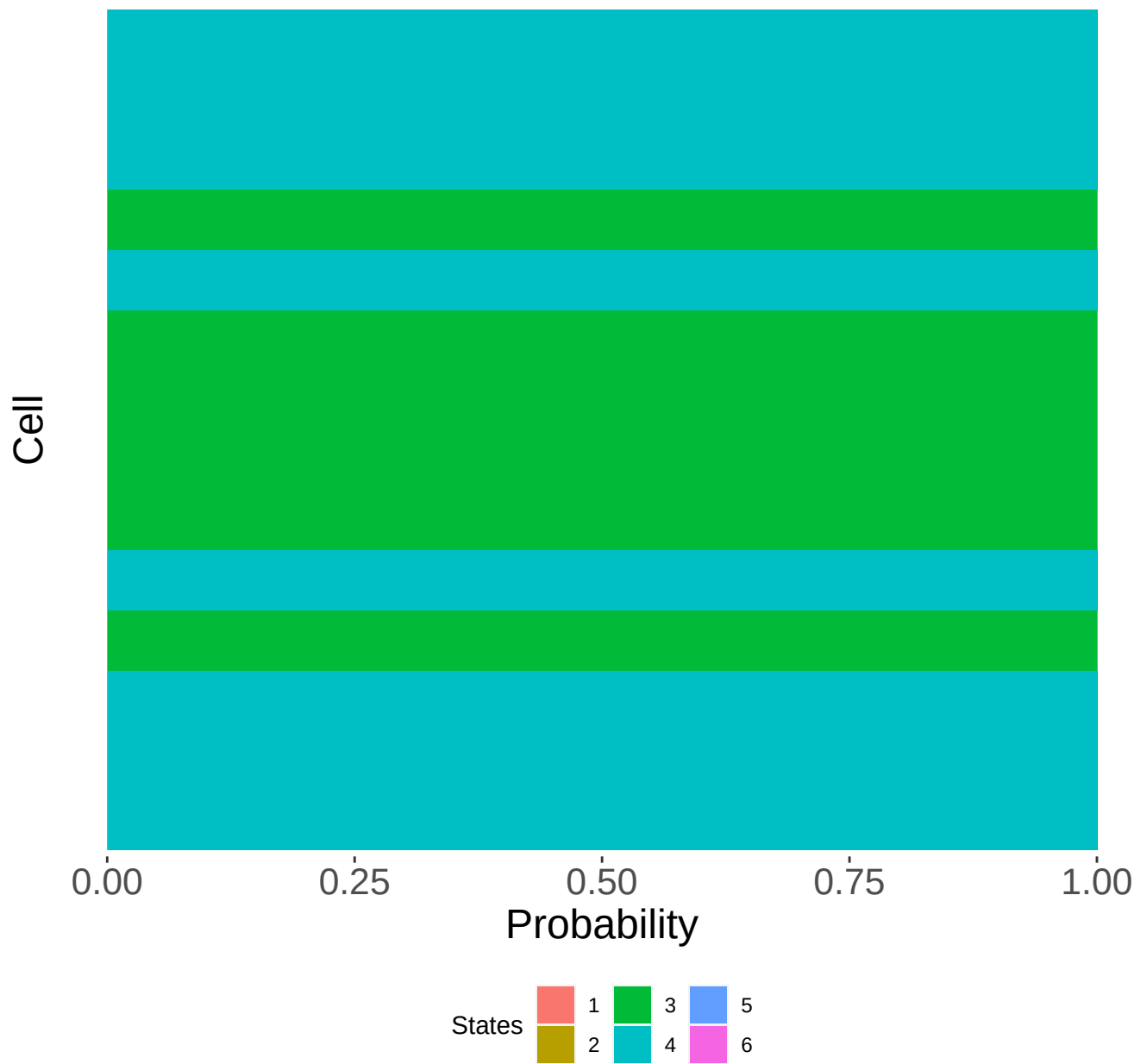
chr18-region_1133



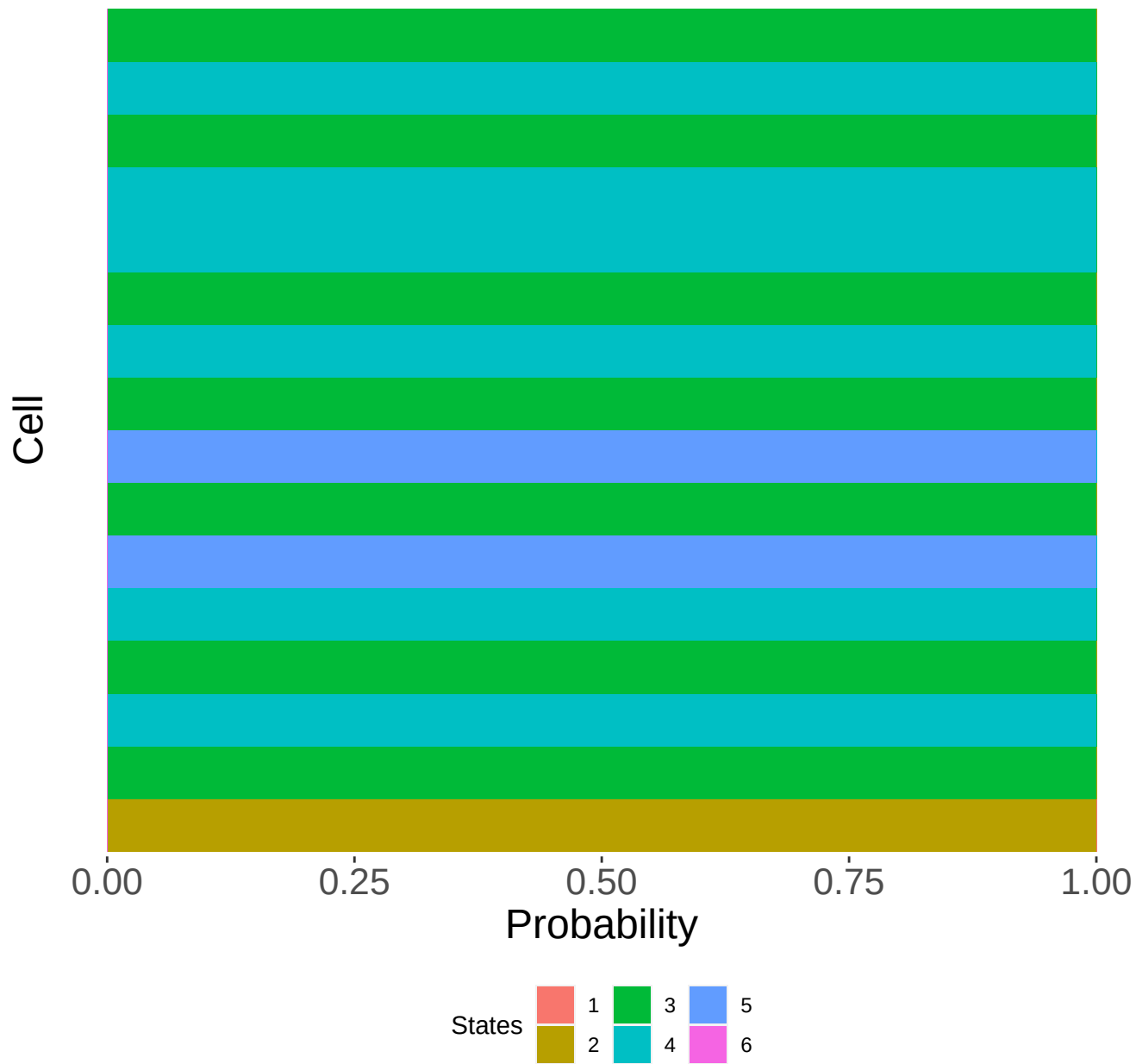
chr7-region_1142



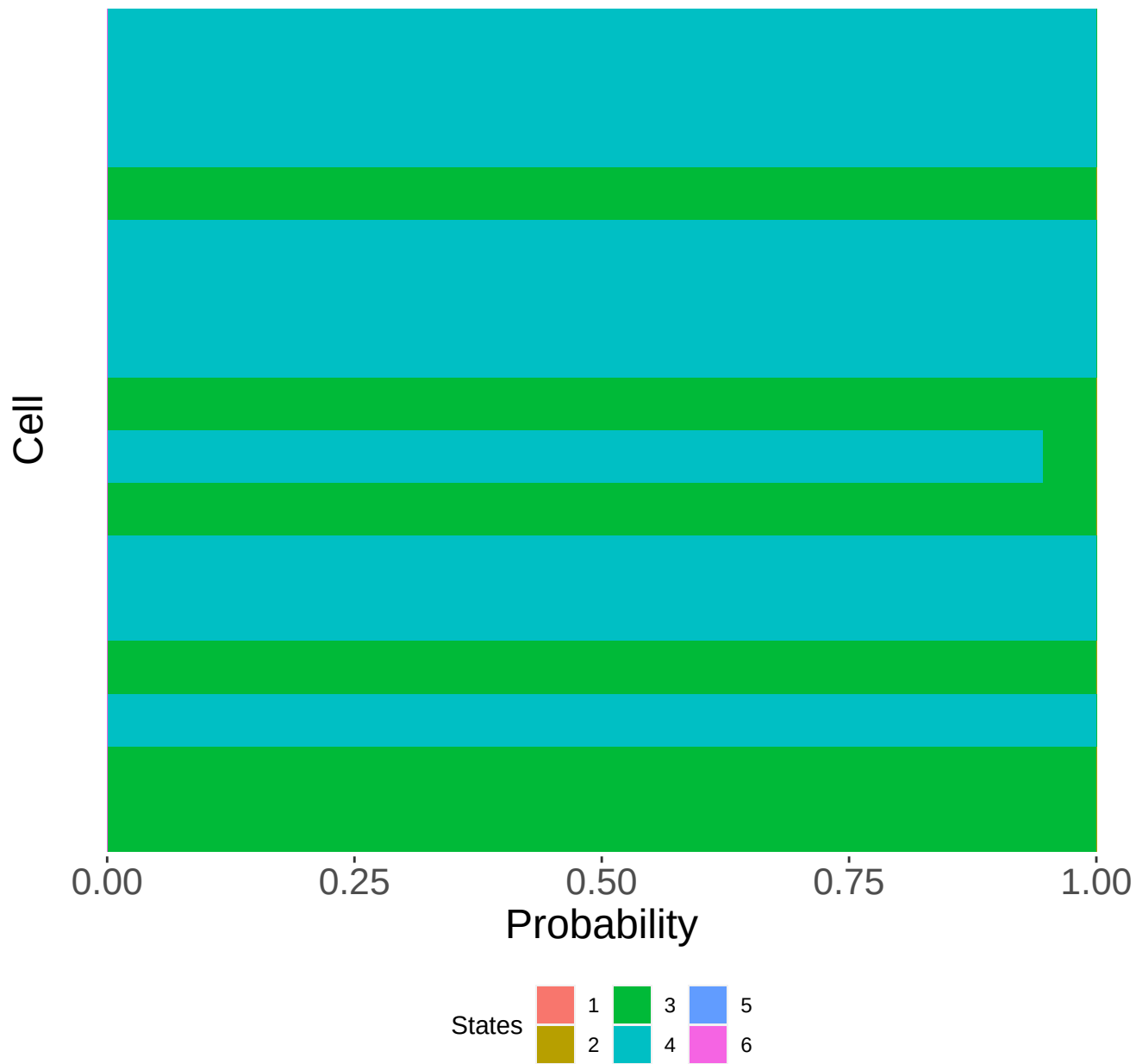
chr11-region_1147



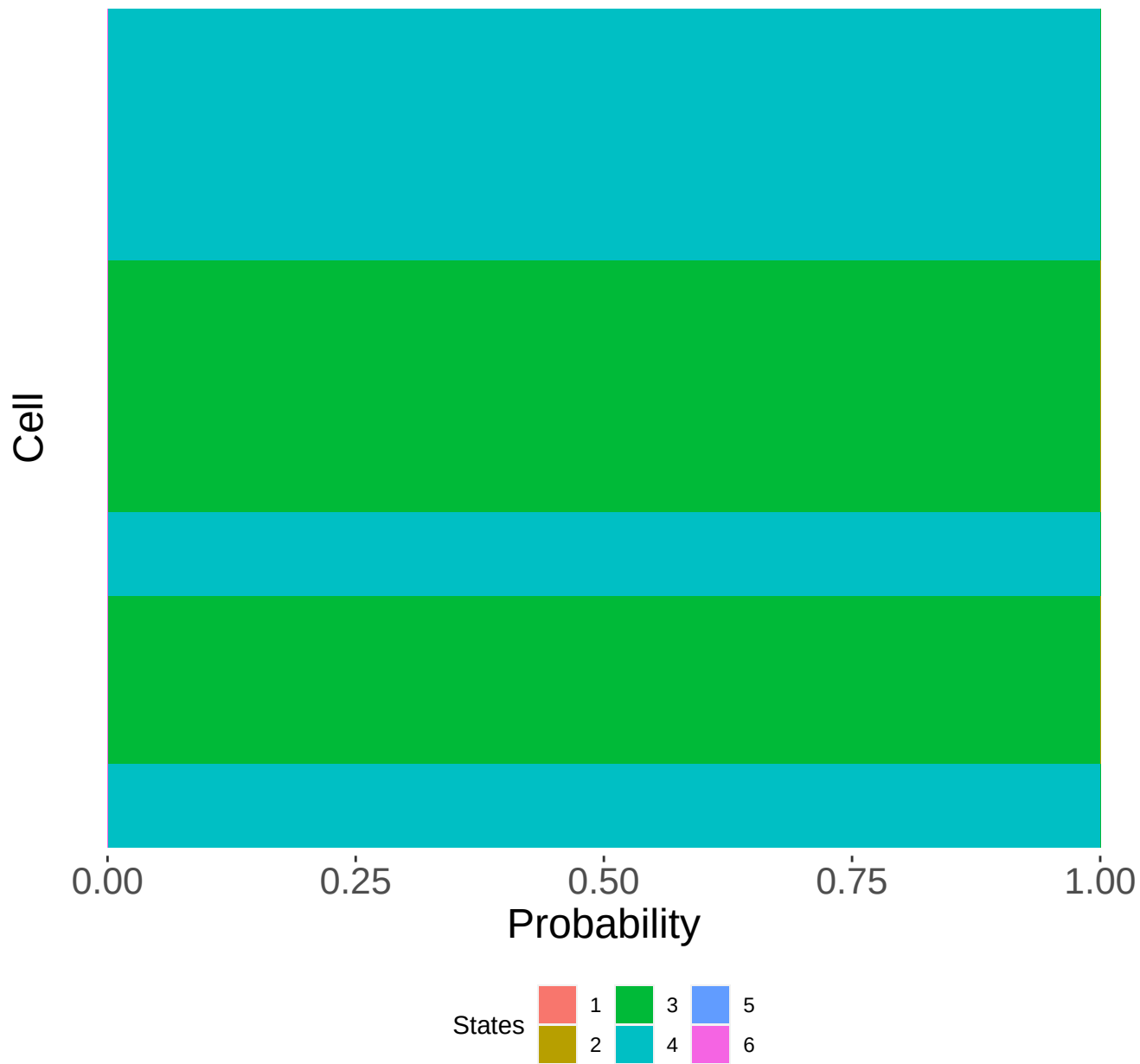
chr8-region_1165



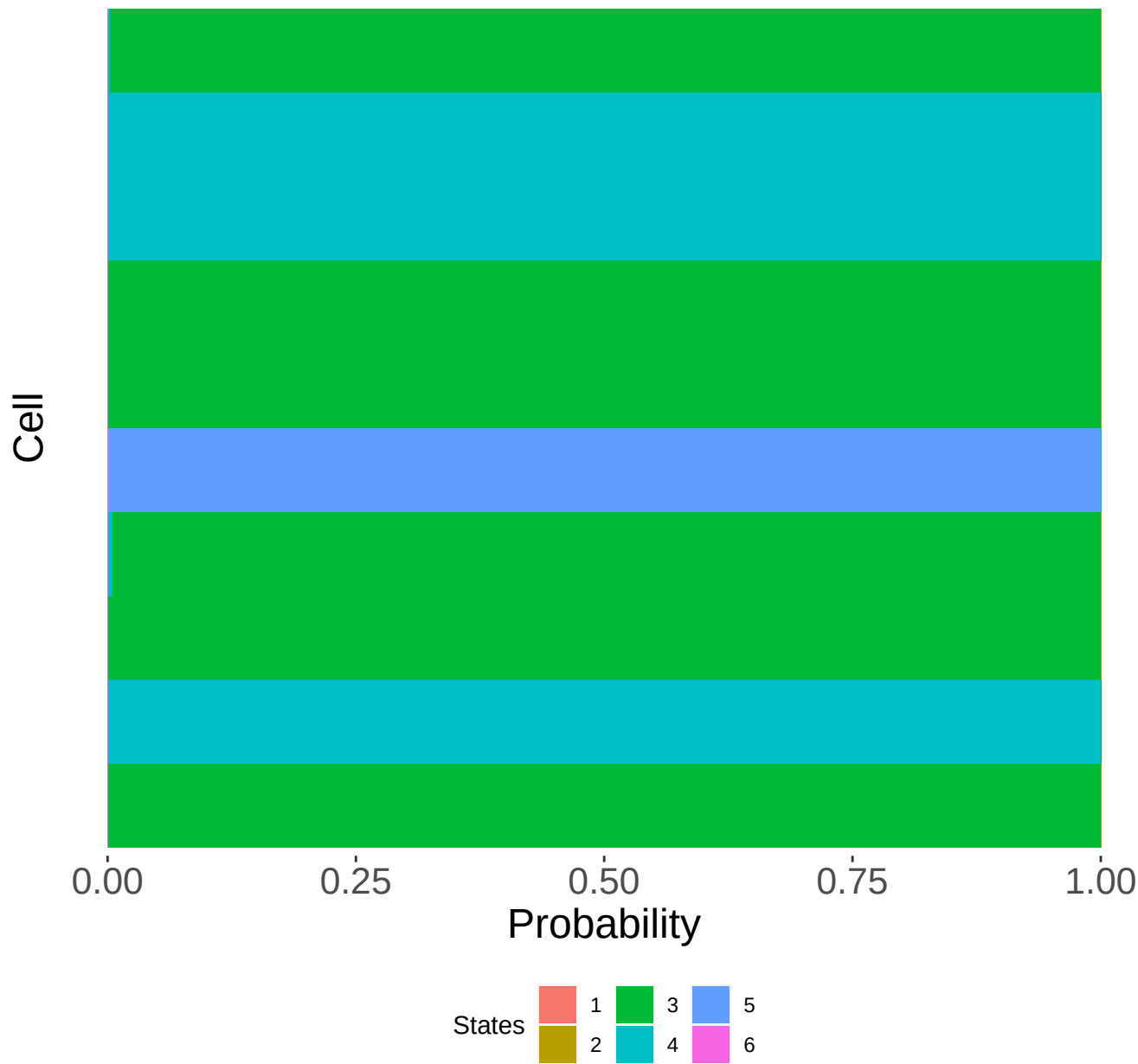
chr14-region_1172



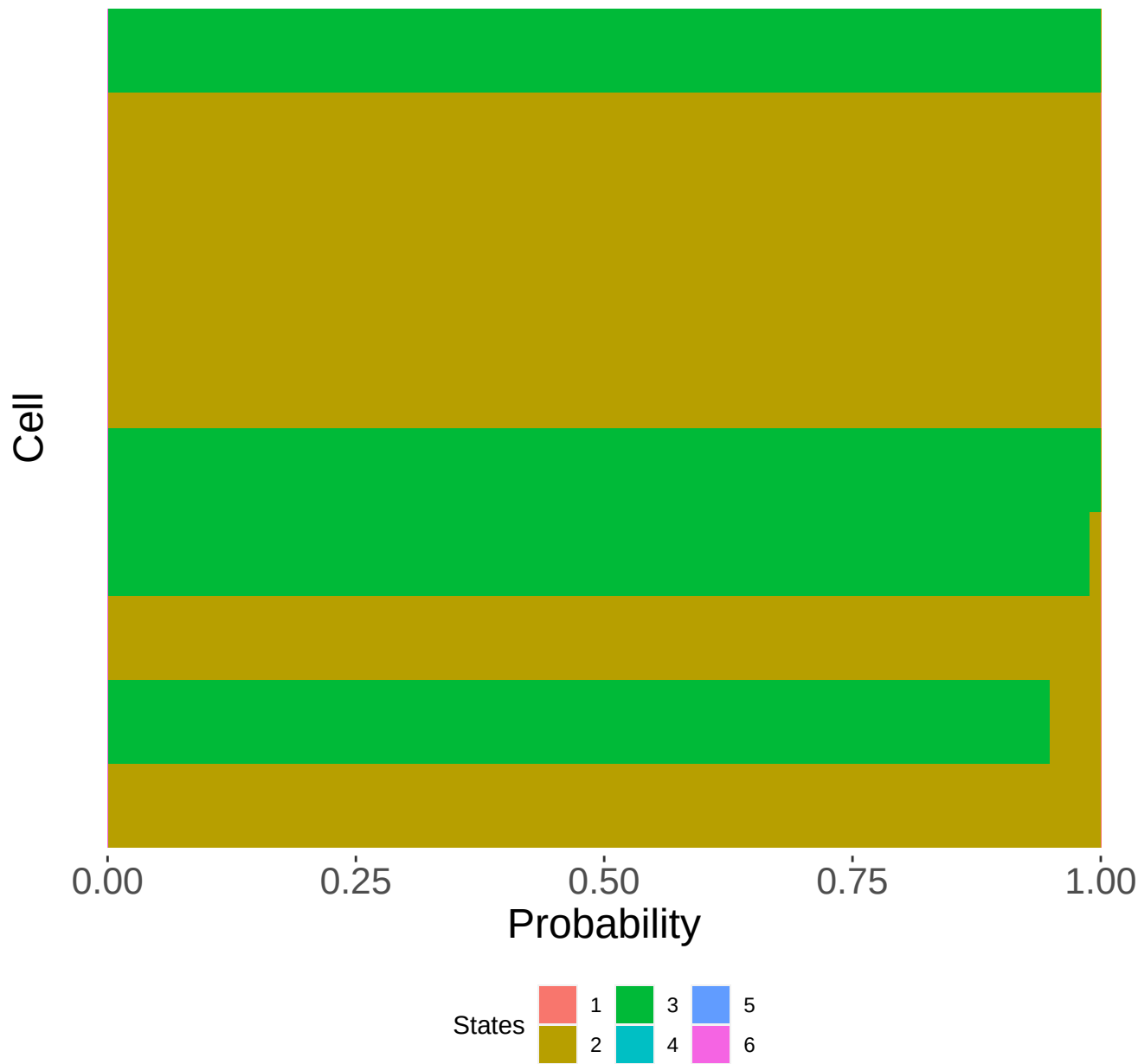
chr8-region_1206



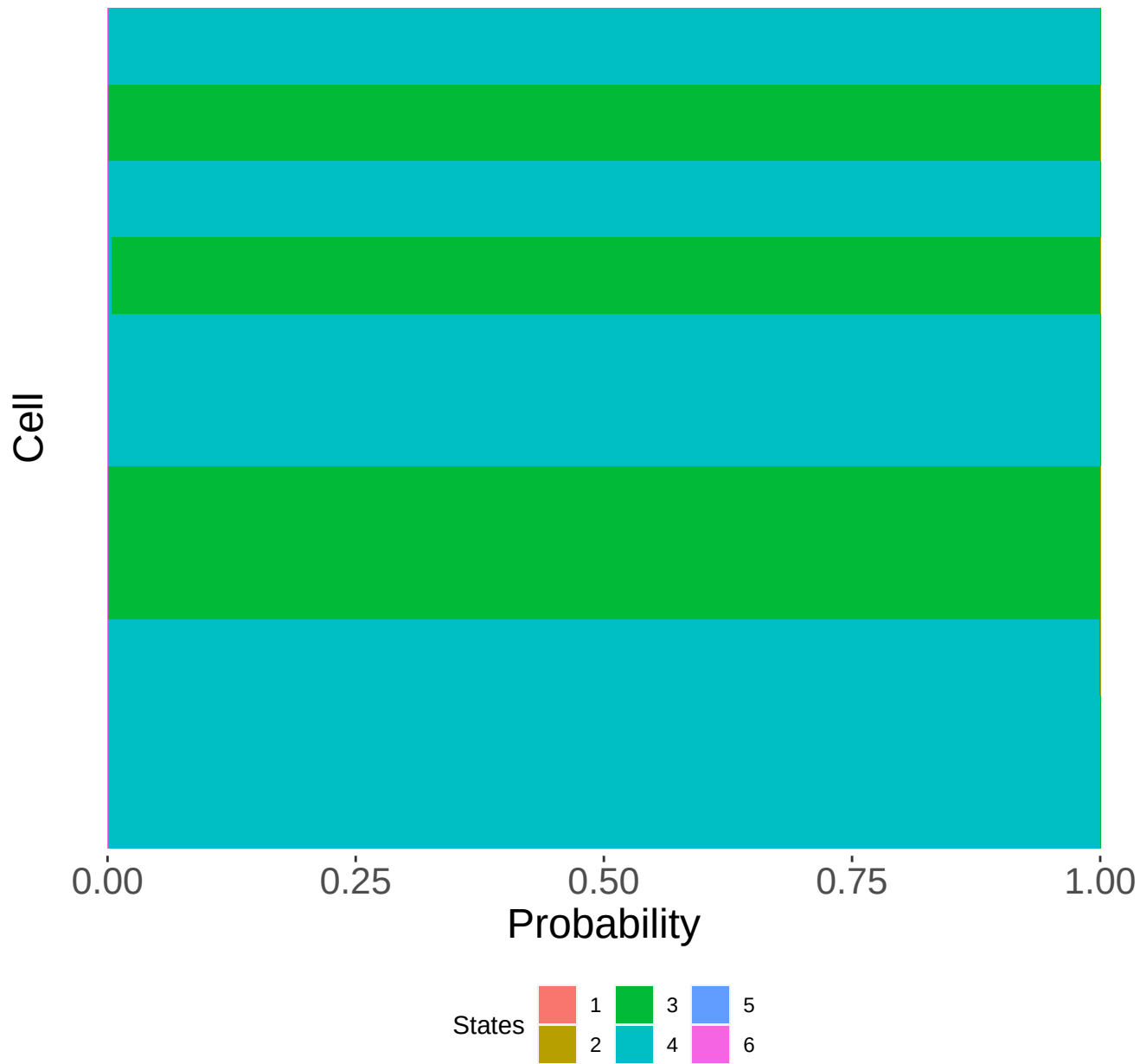
chr11-region_1211



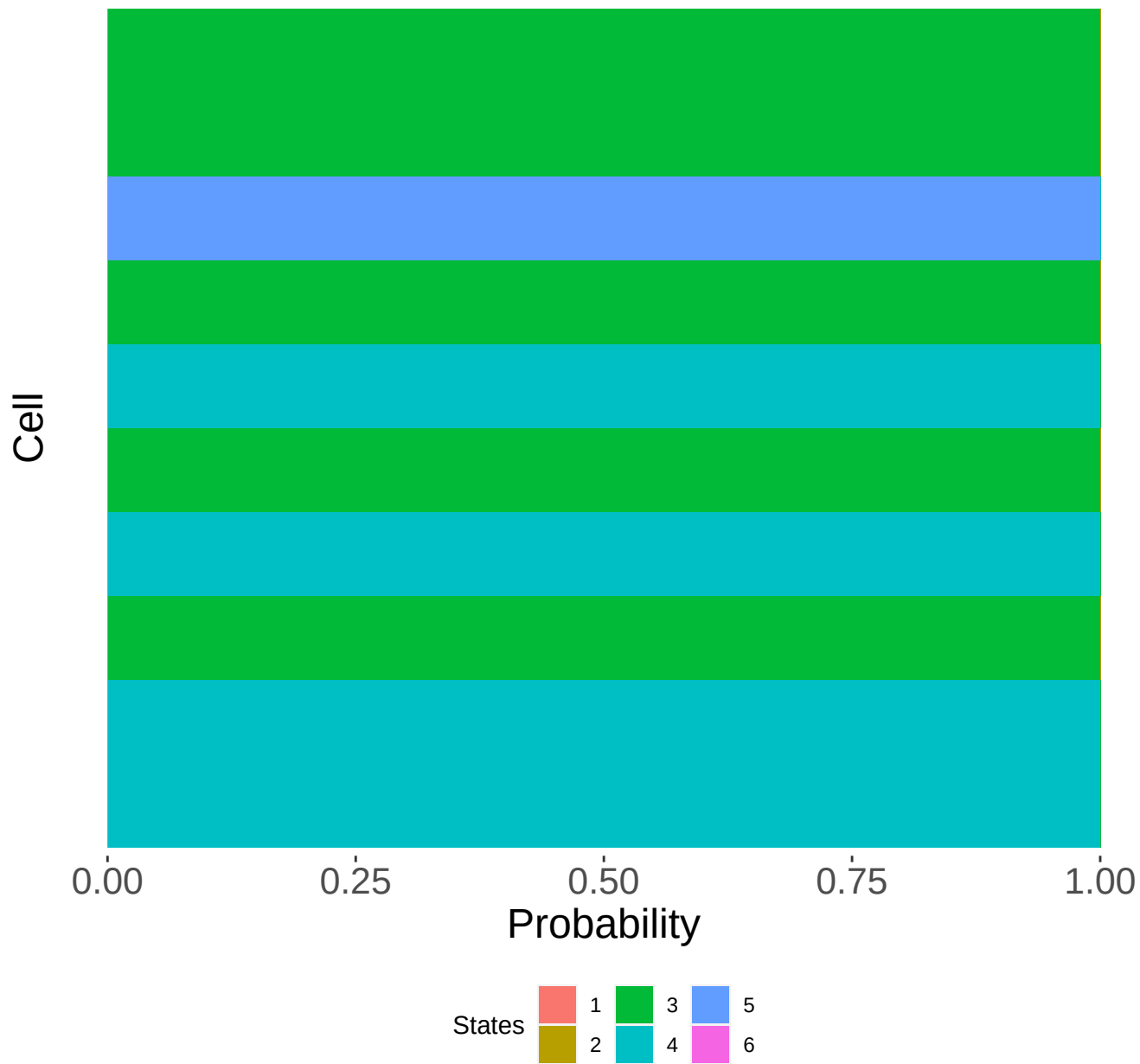
chr17-region_1218



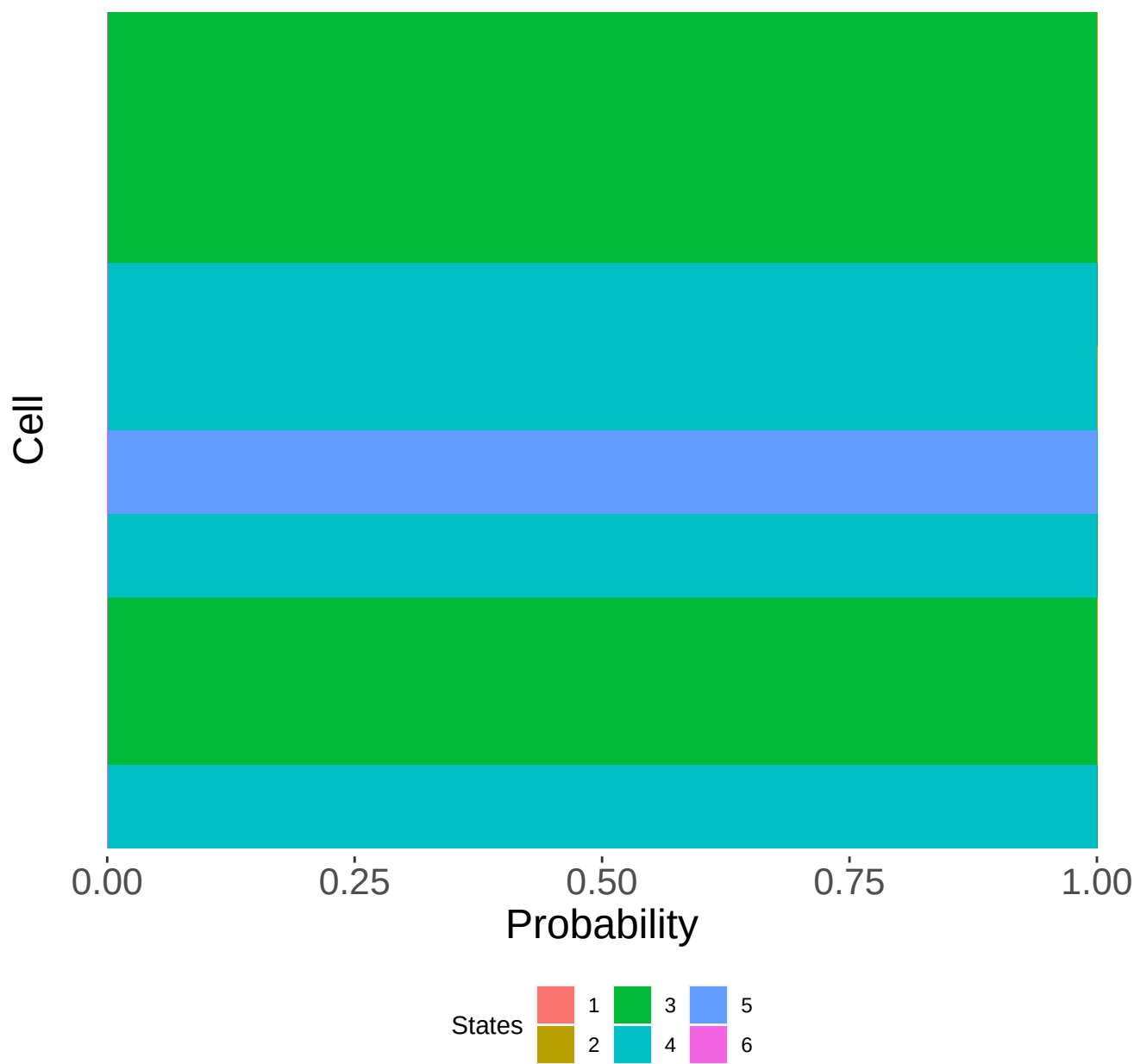
chr8-region_1230



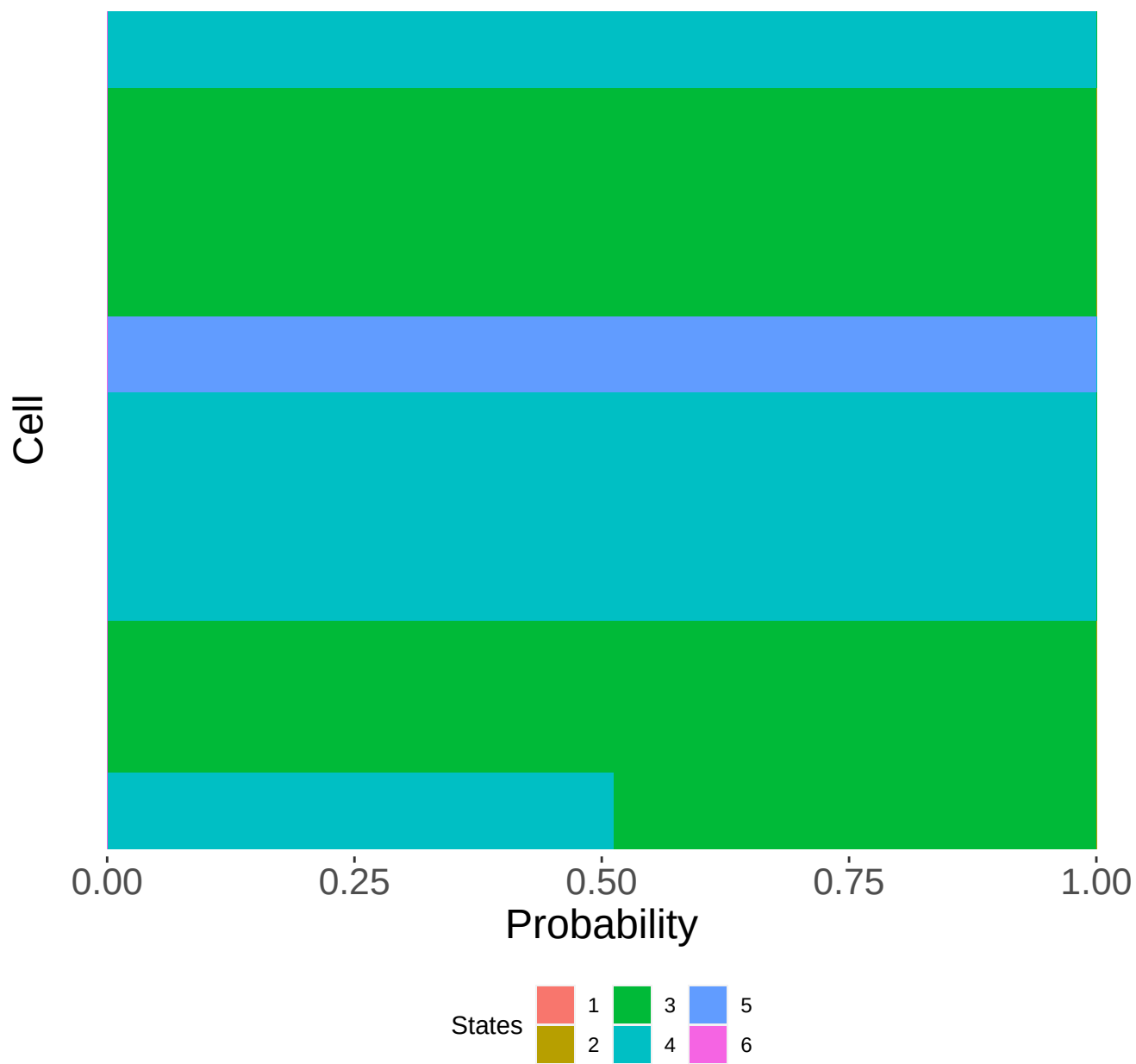
chr11-region_1273



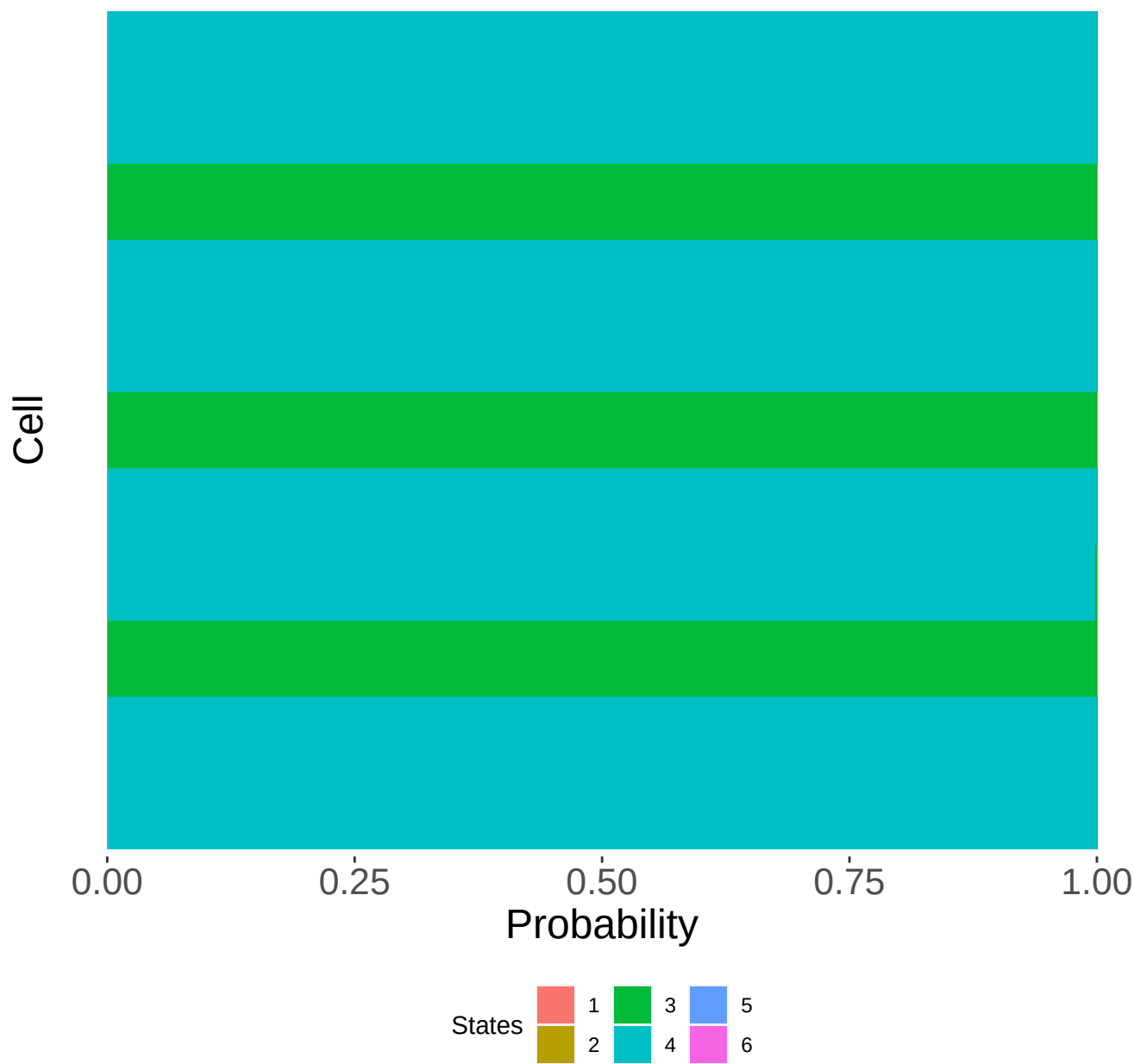
chr13-region_1276



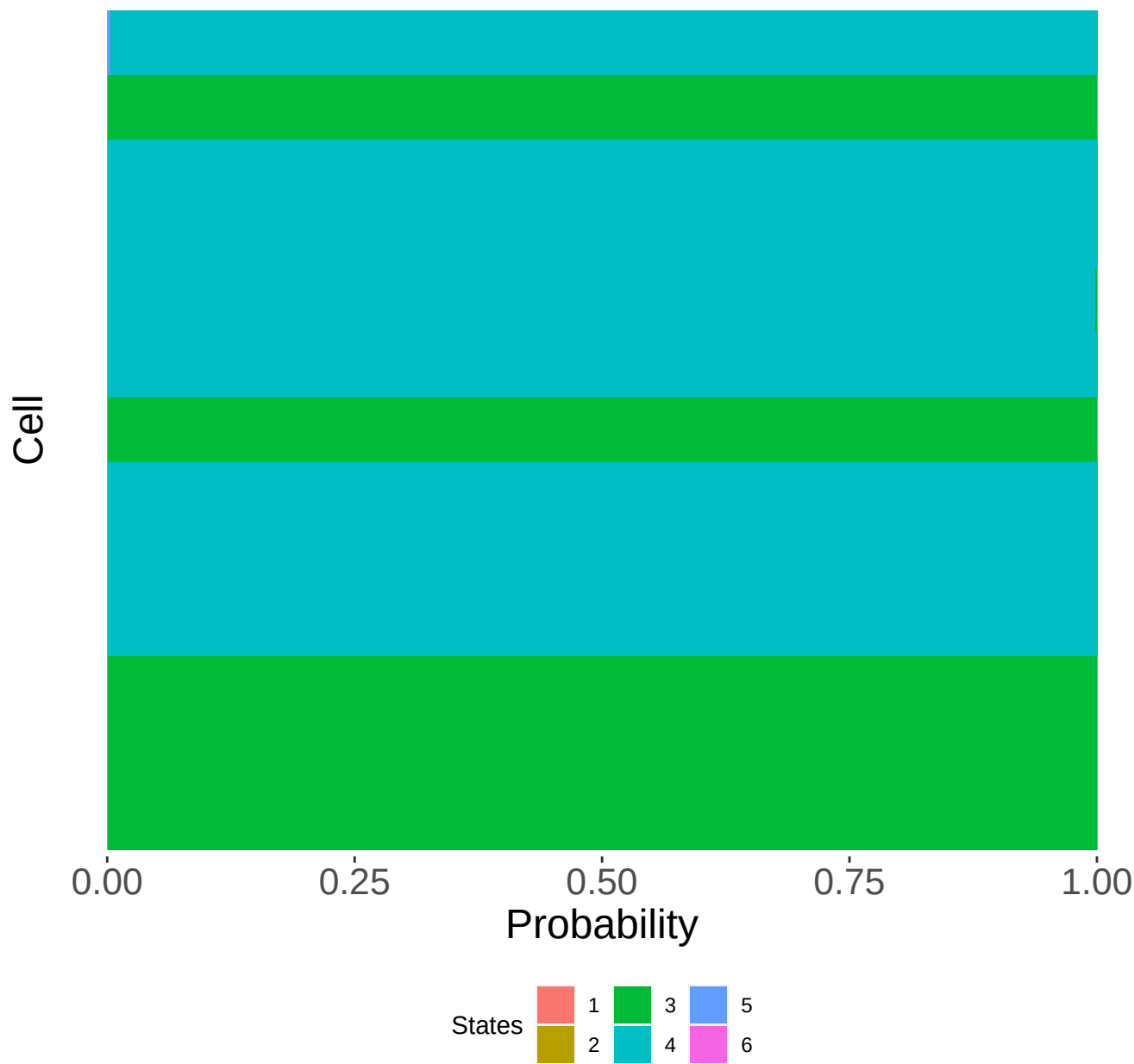
chr1-region_1492



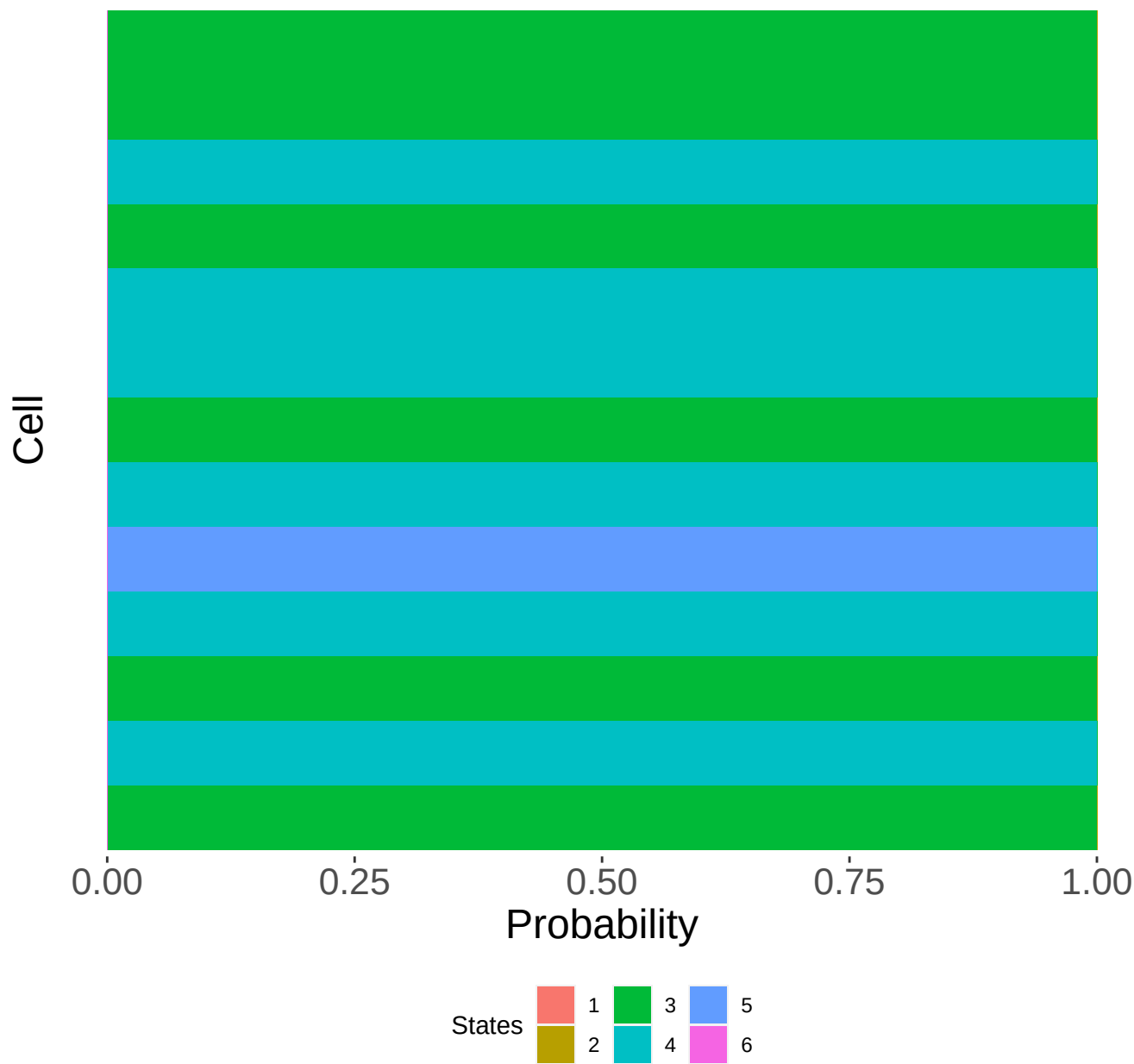
chr14-region_1507



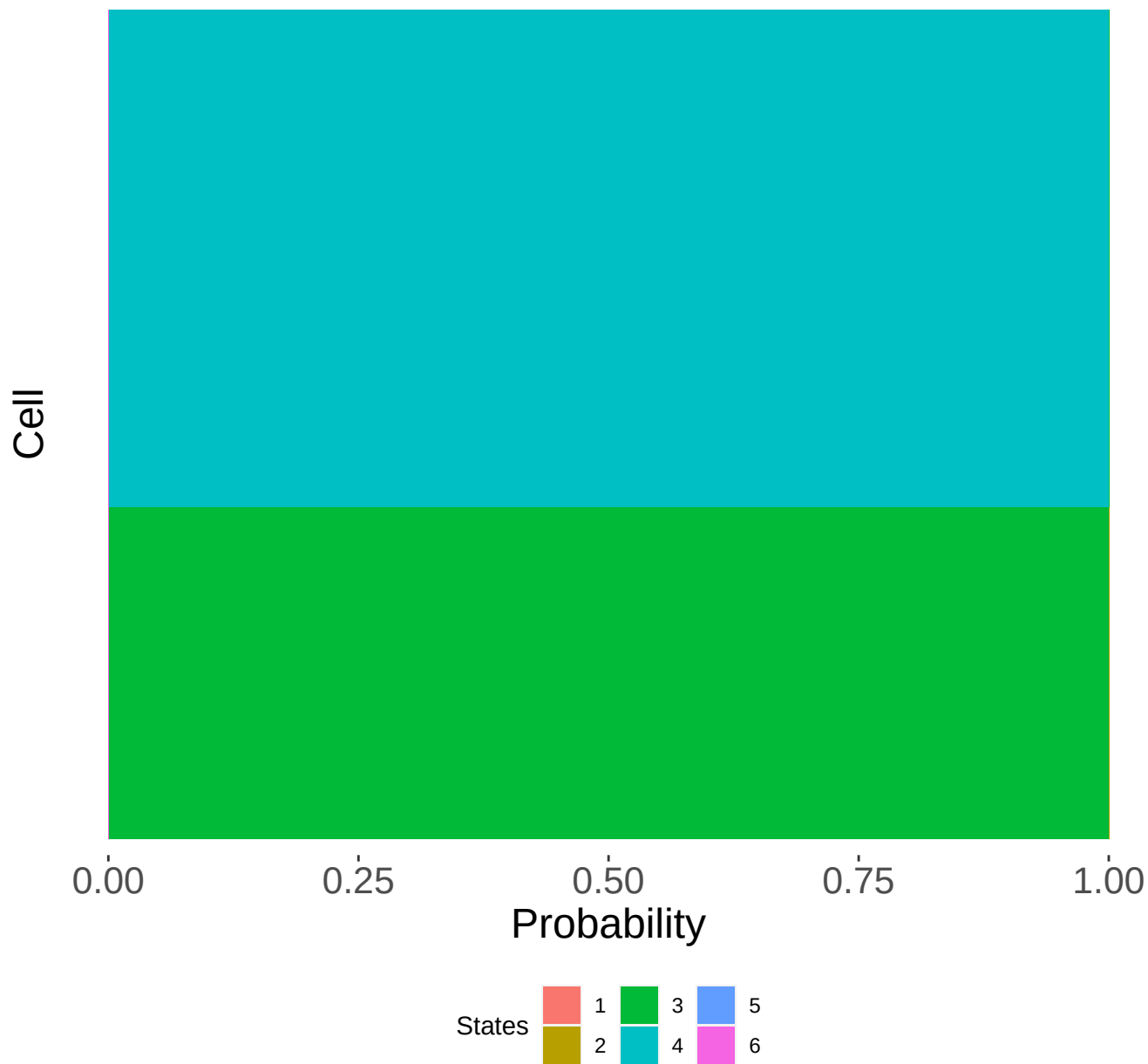
chr8-region_1617



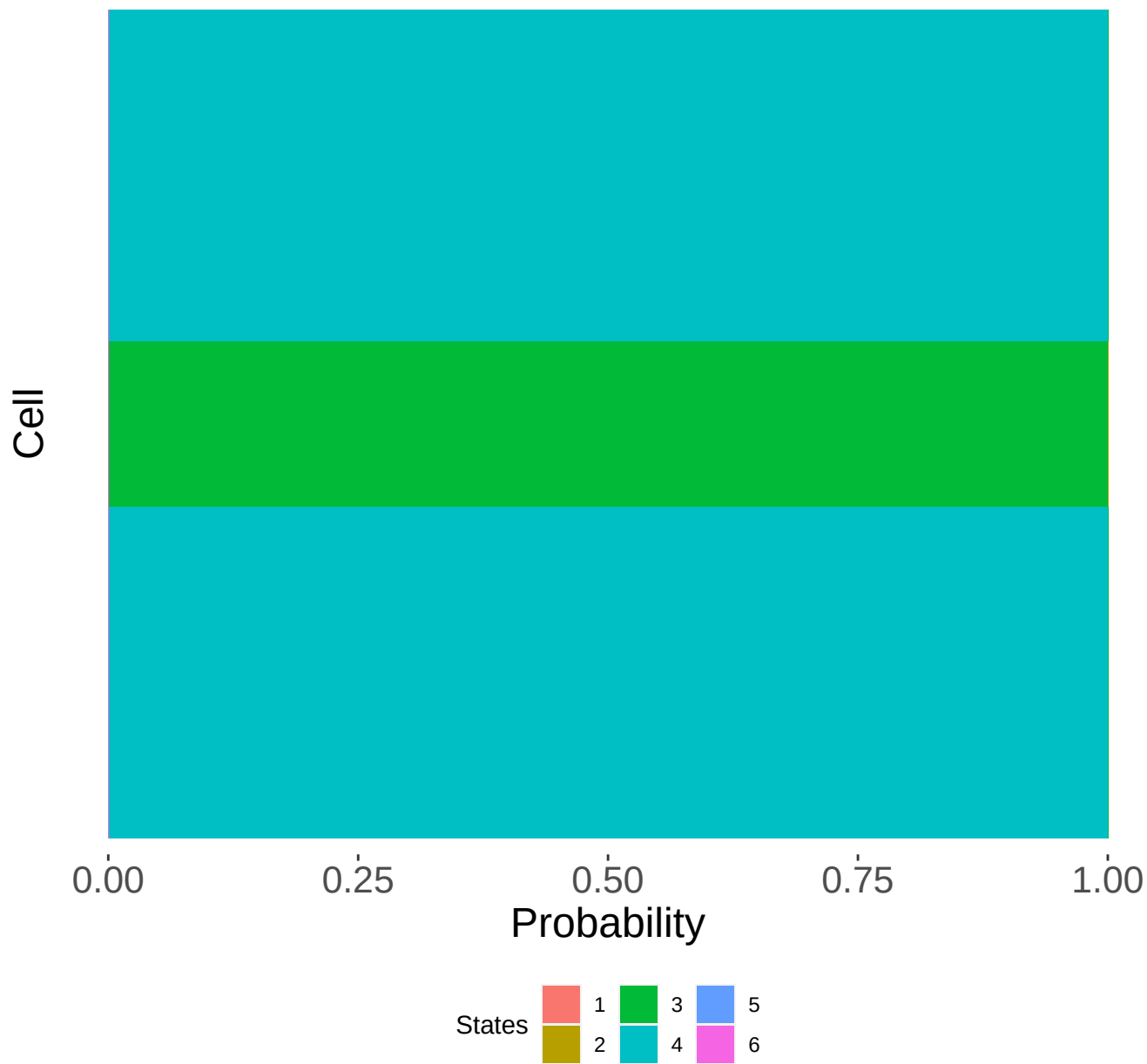
chr16-region_1625



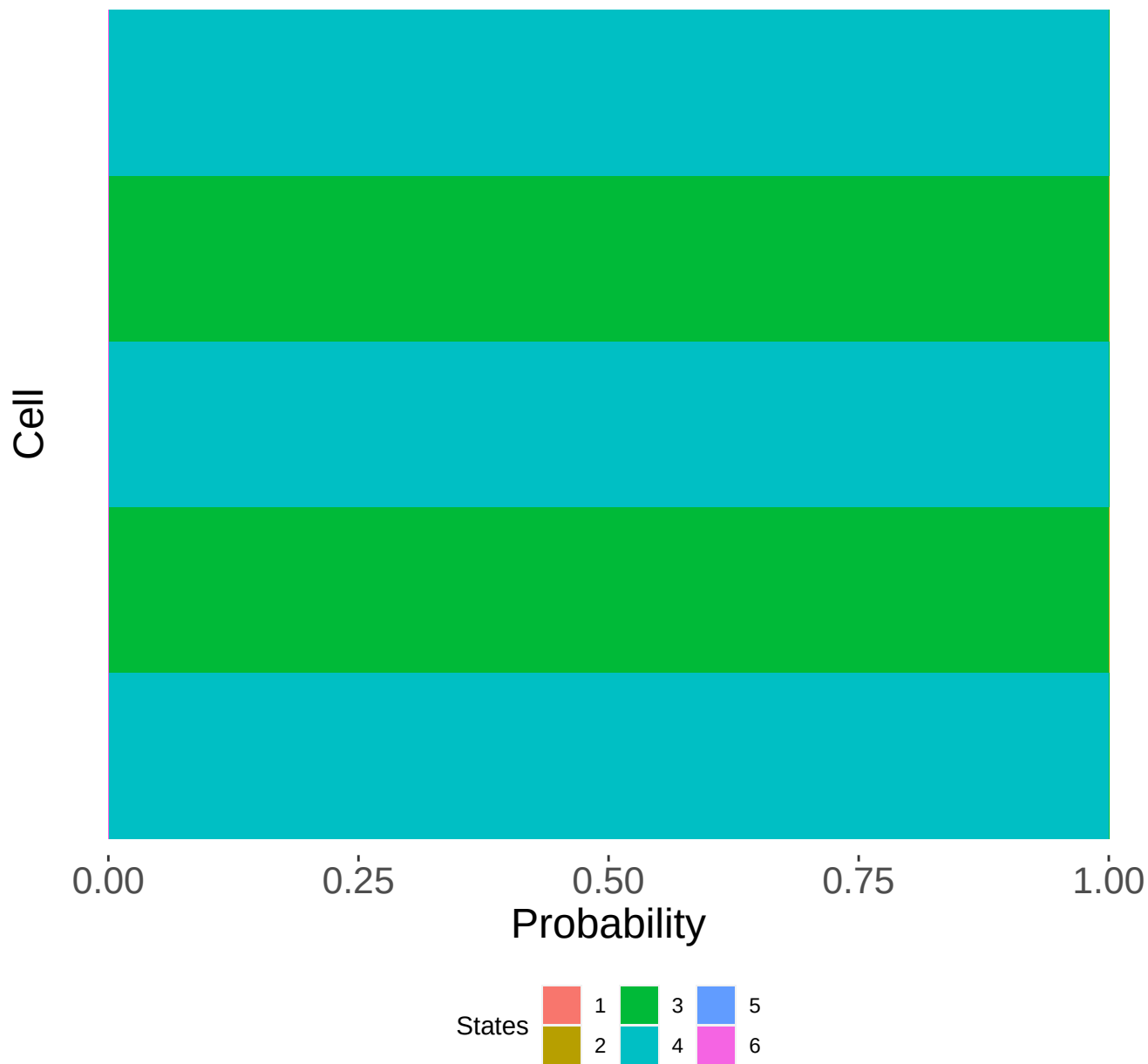
chr4-region_1653



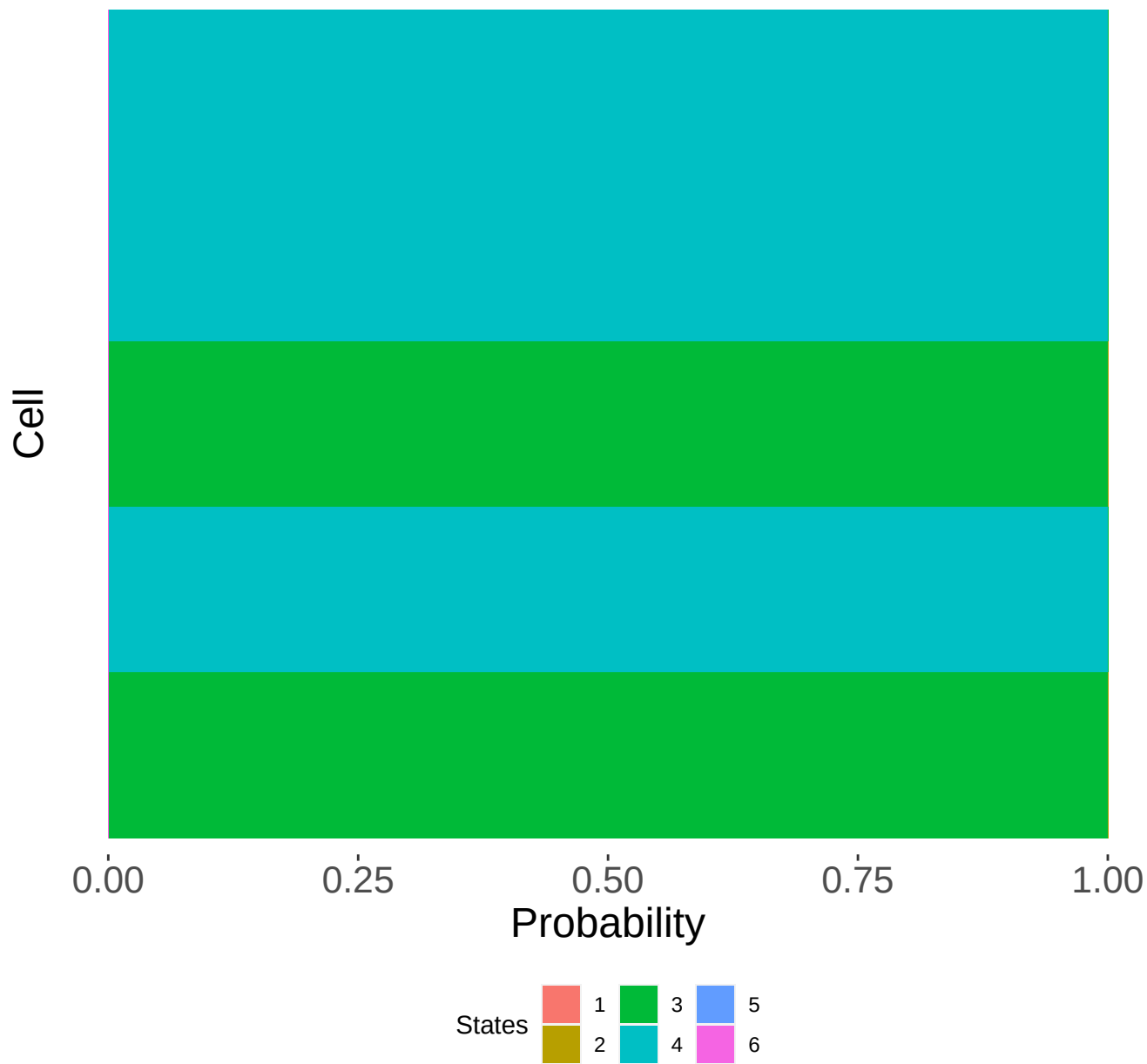
chr5-region_1656



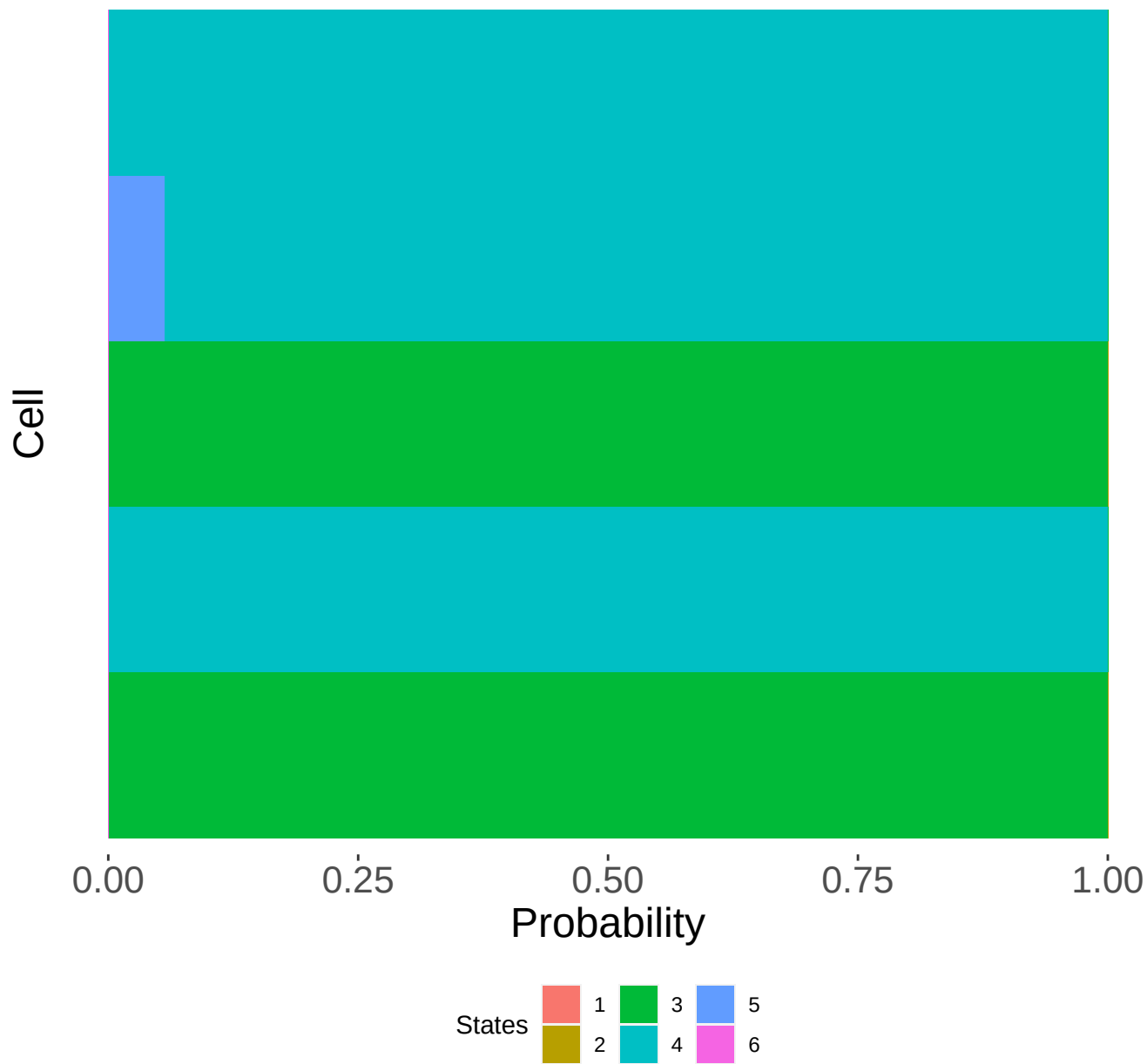
chr8-region_1661



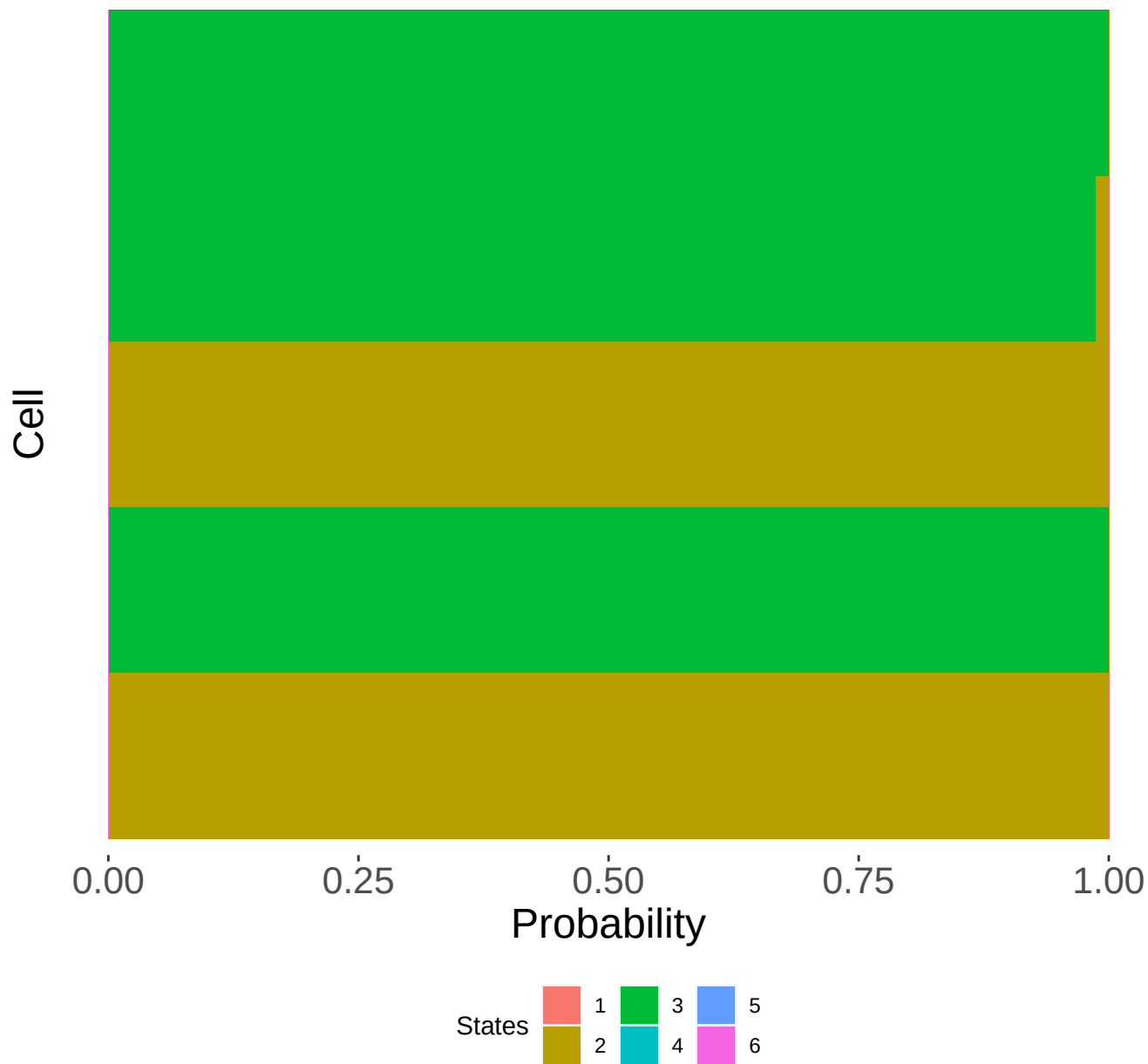
chr11-region_1666



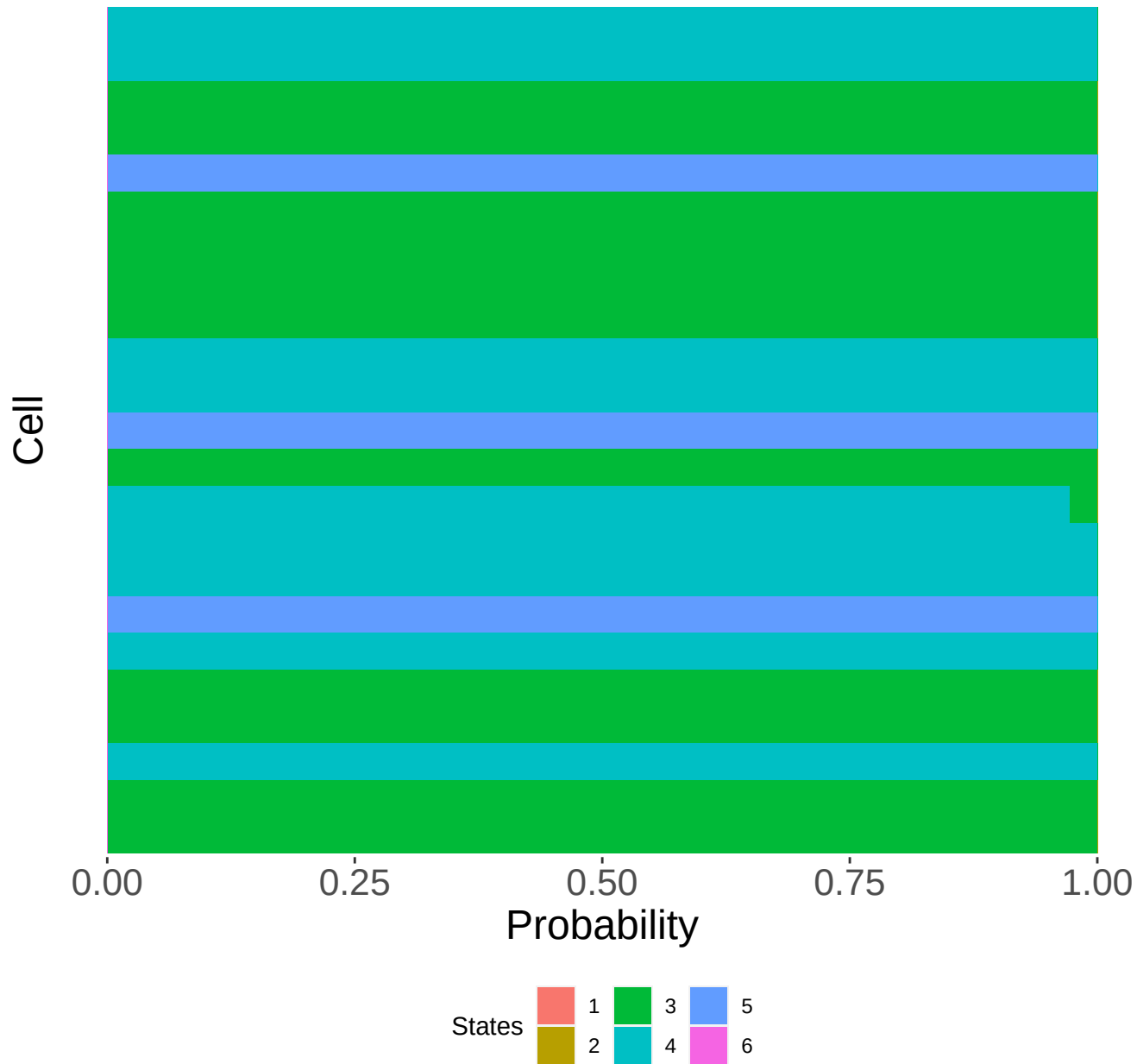
chr12-region_1668



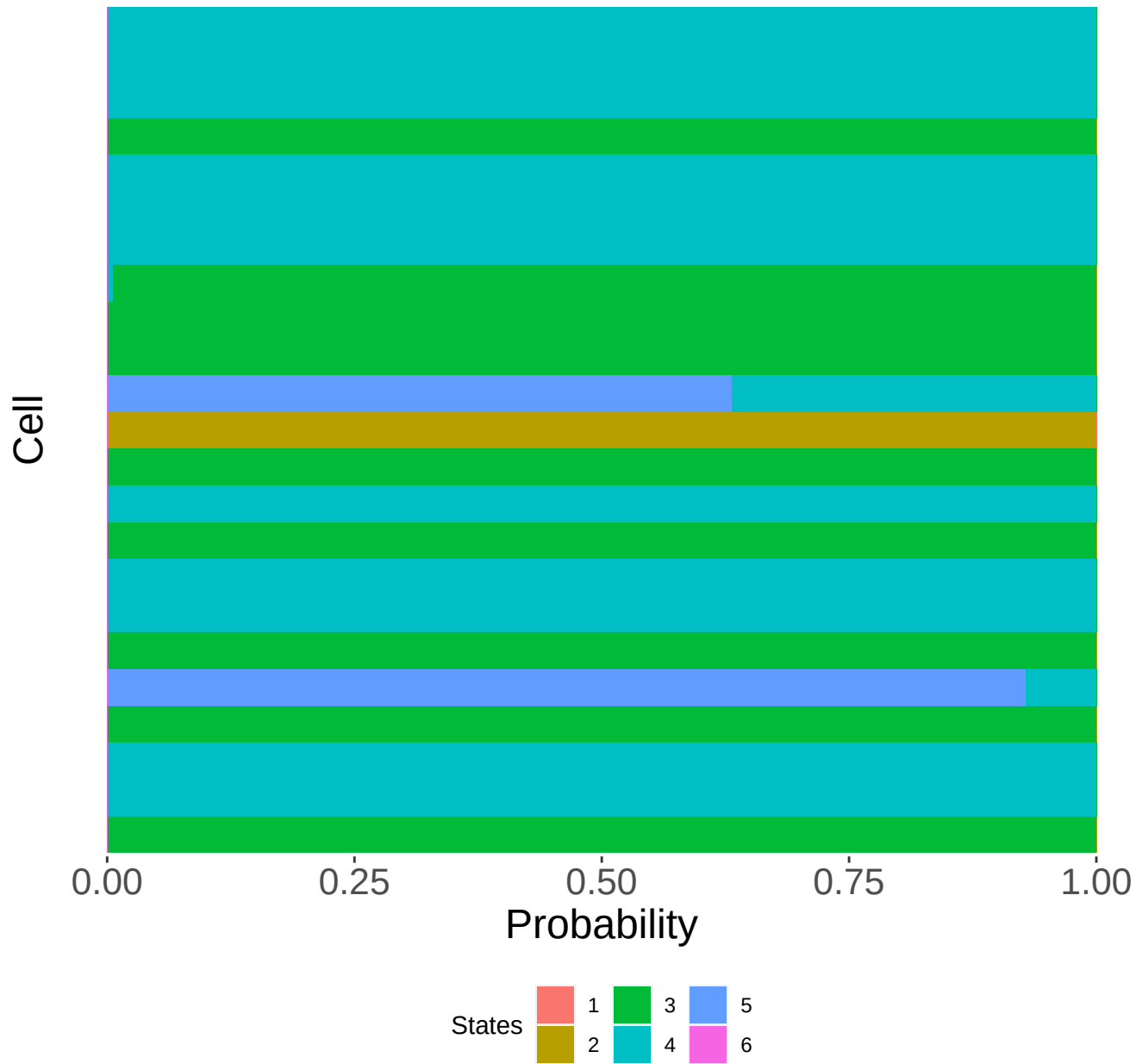
chr14-region_1671



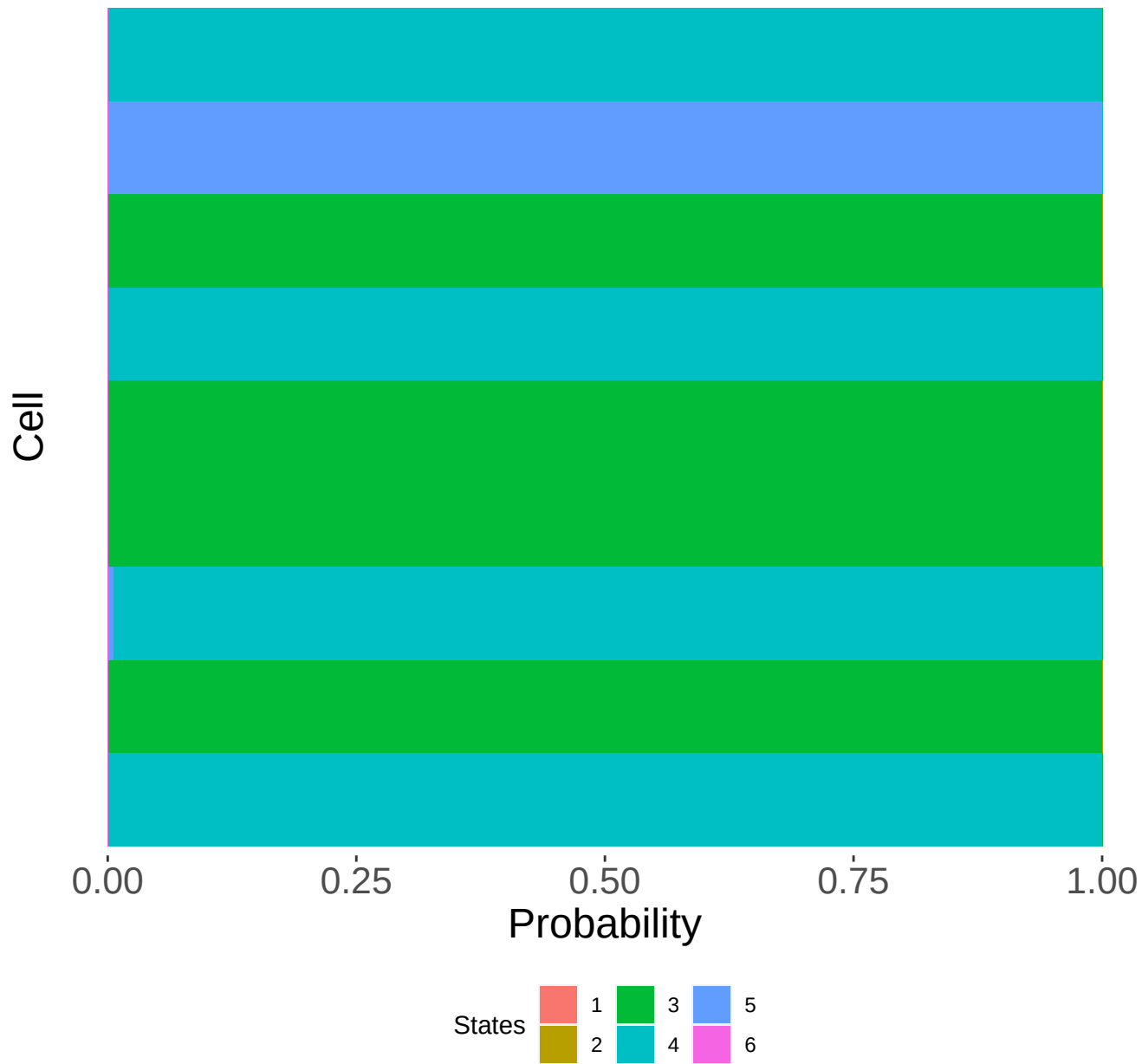
chr1-region_1698



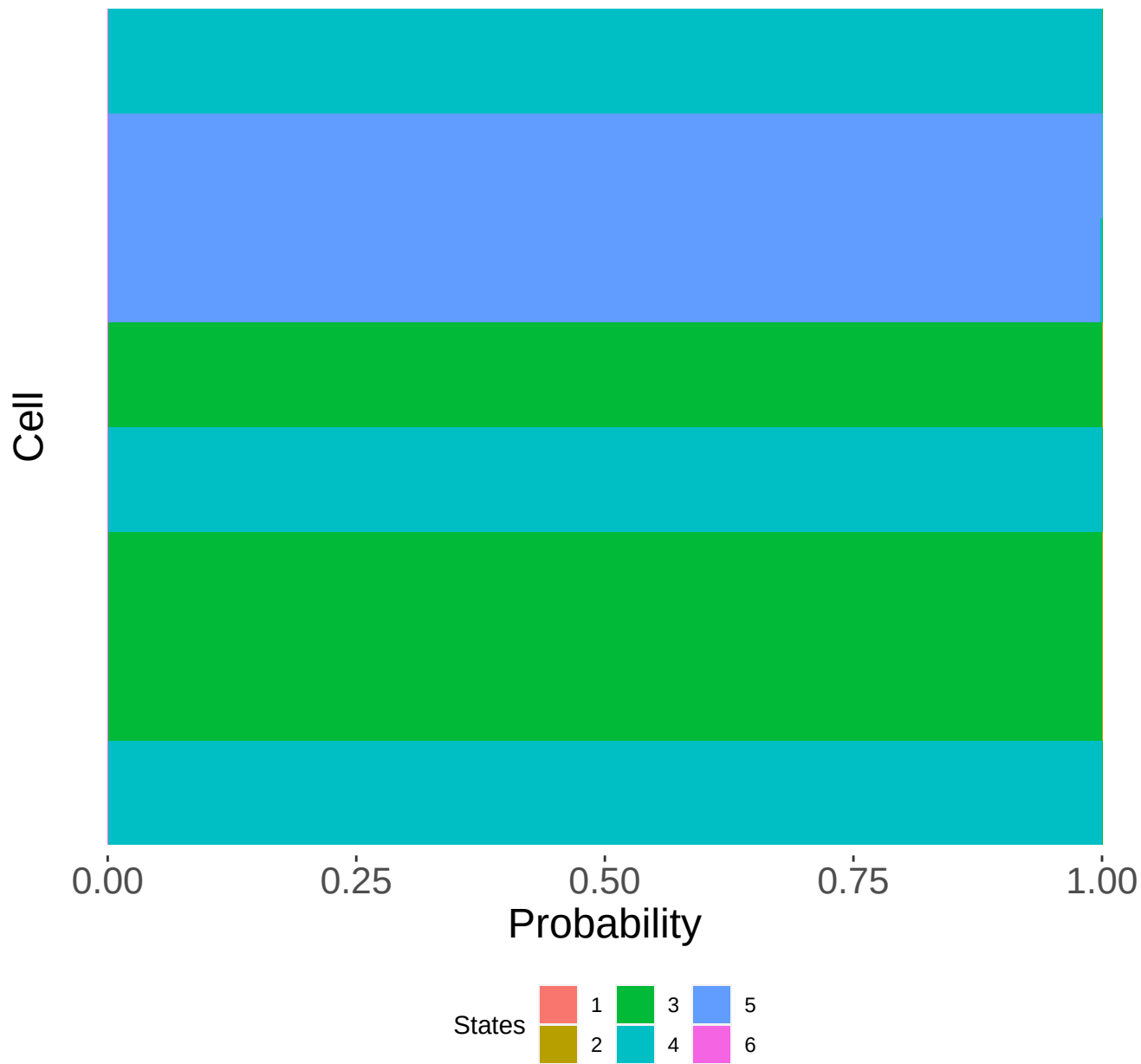
chr6-region_1703



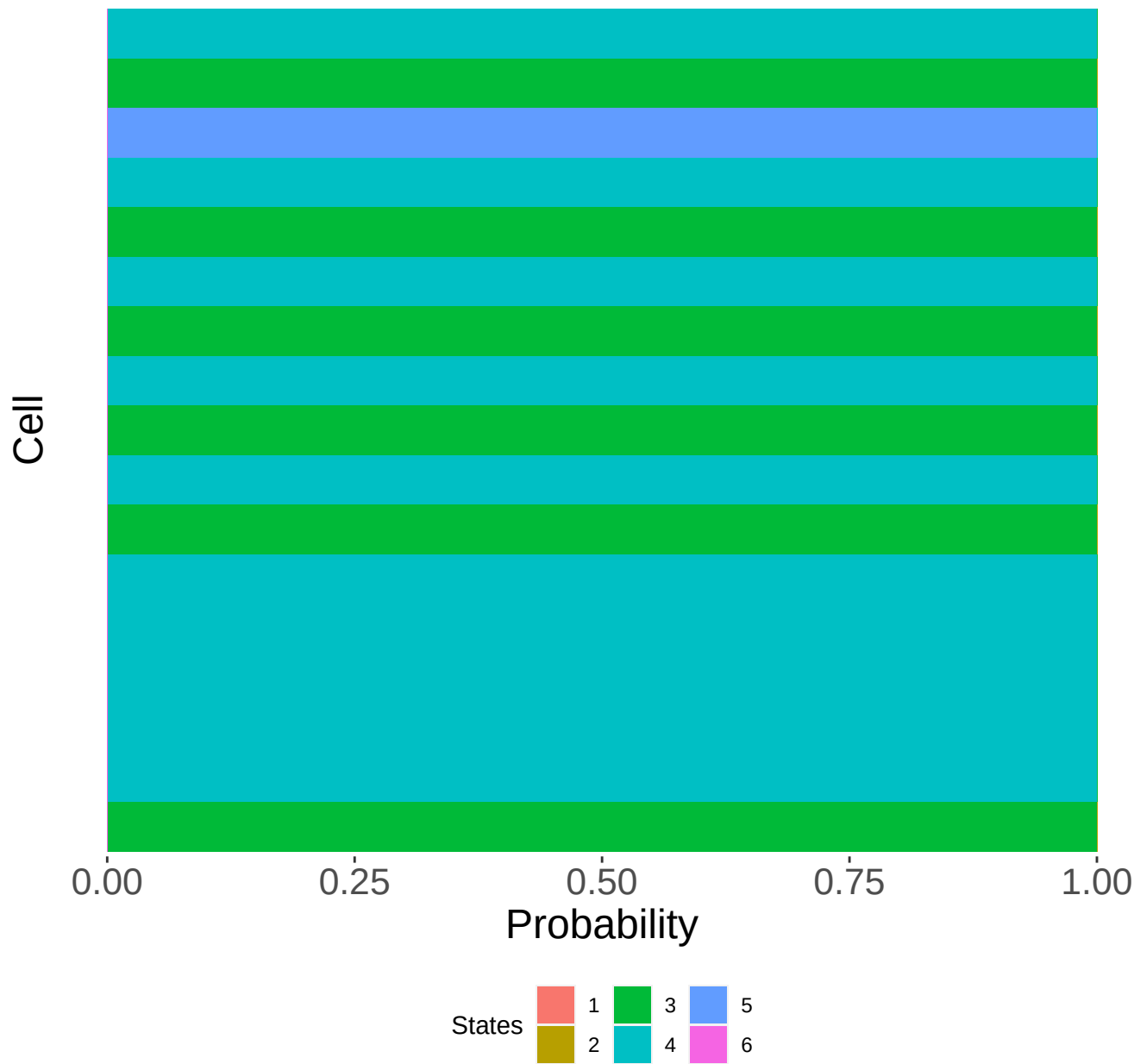
chr1-region_1738



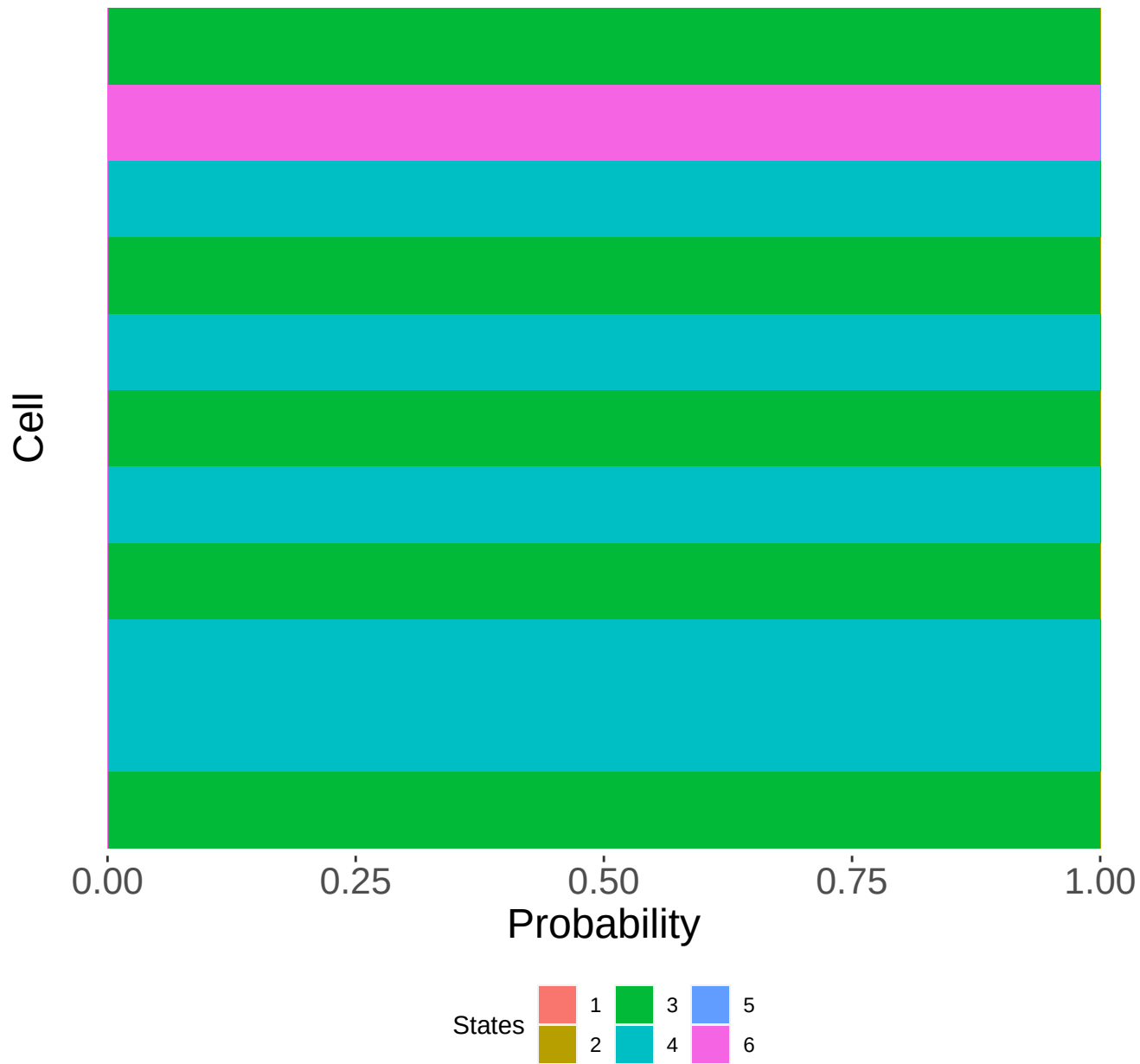
chr13-region_1770



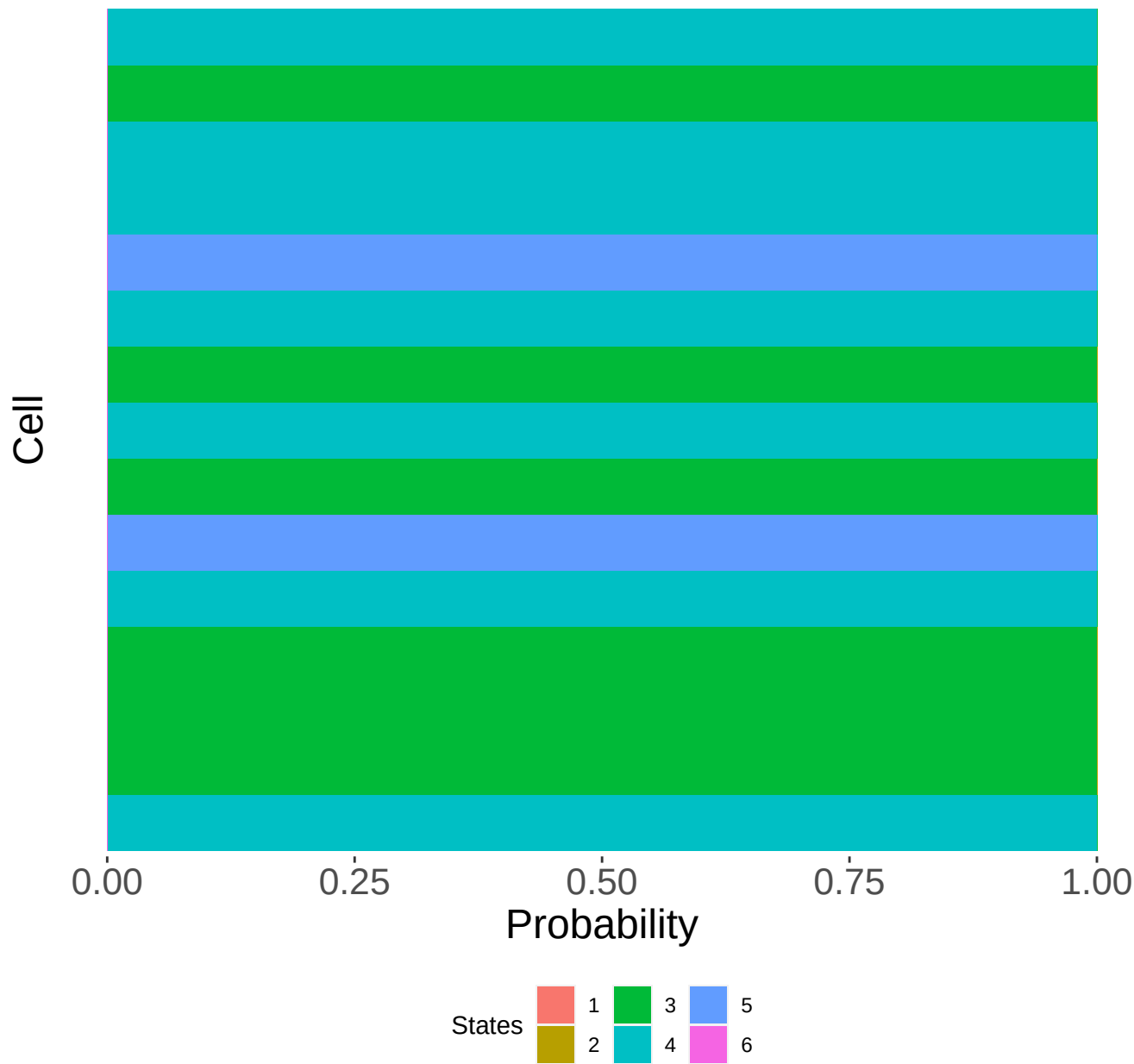
chr18-region_1794



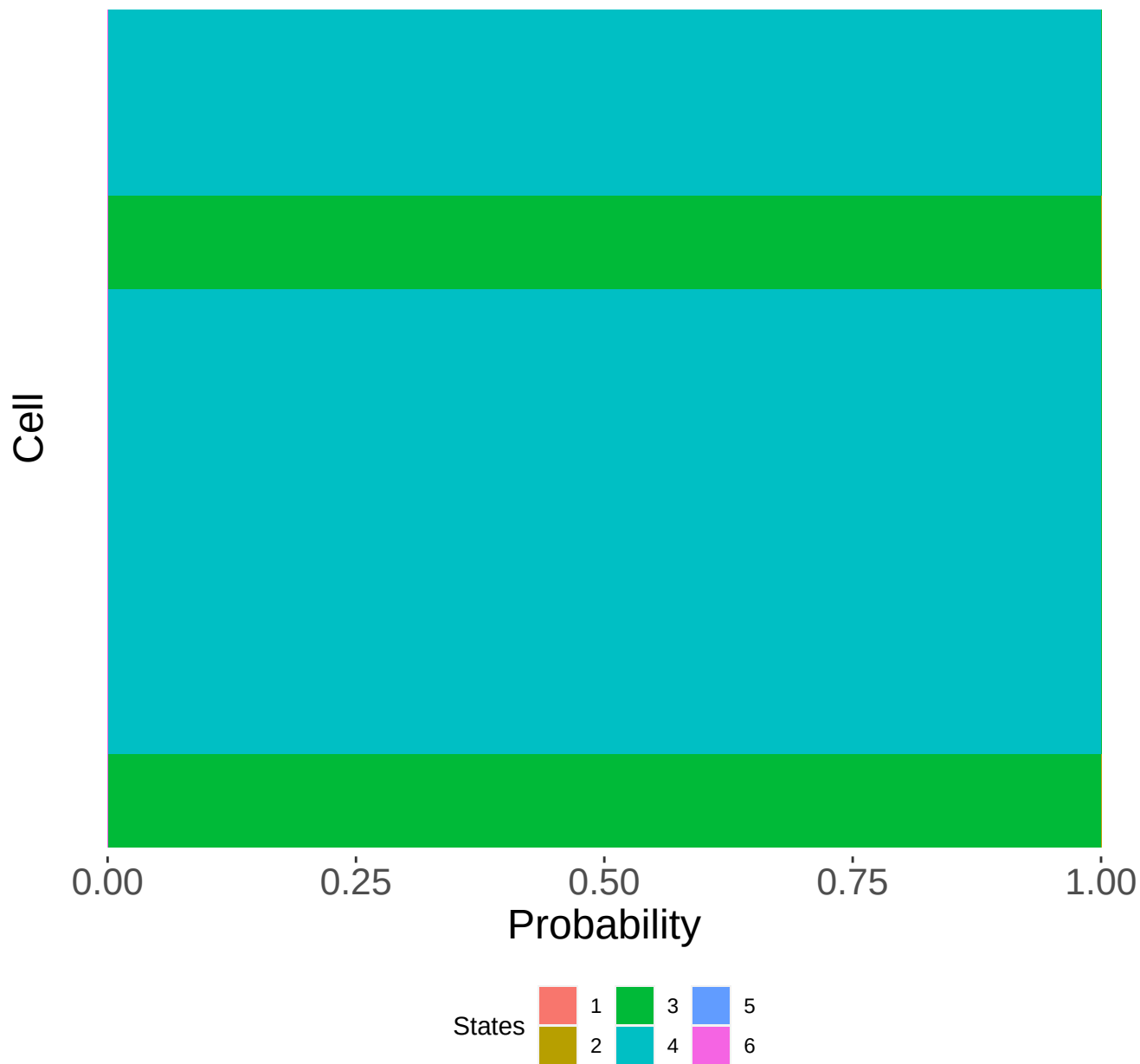
chr8-region_1938



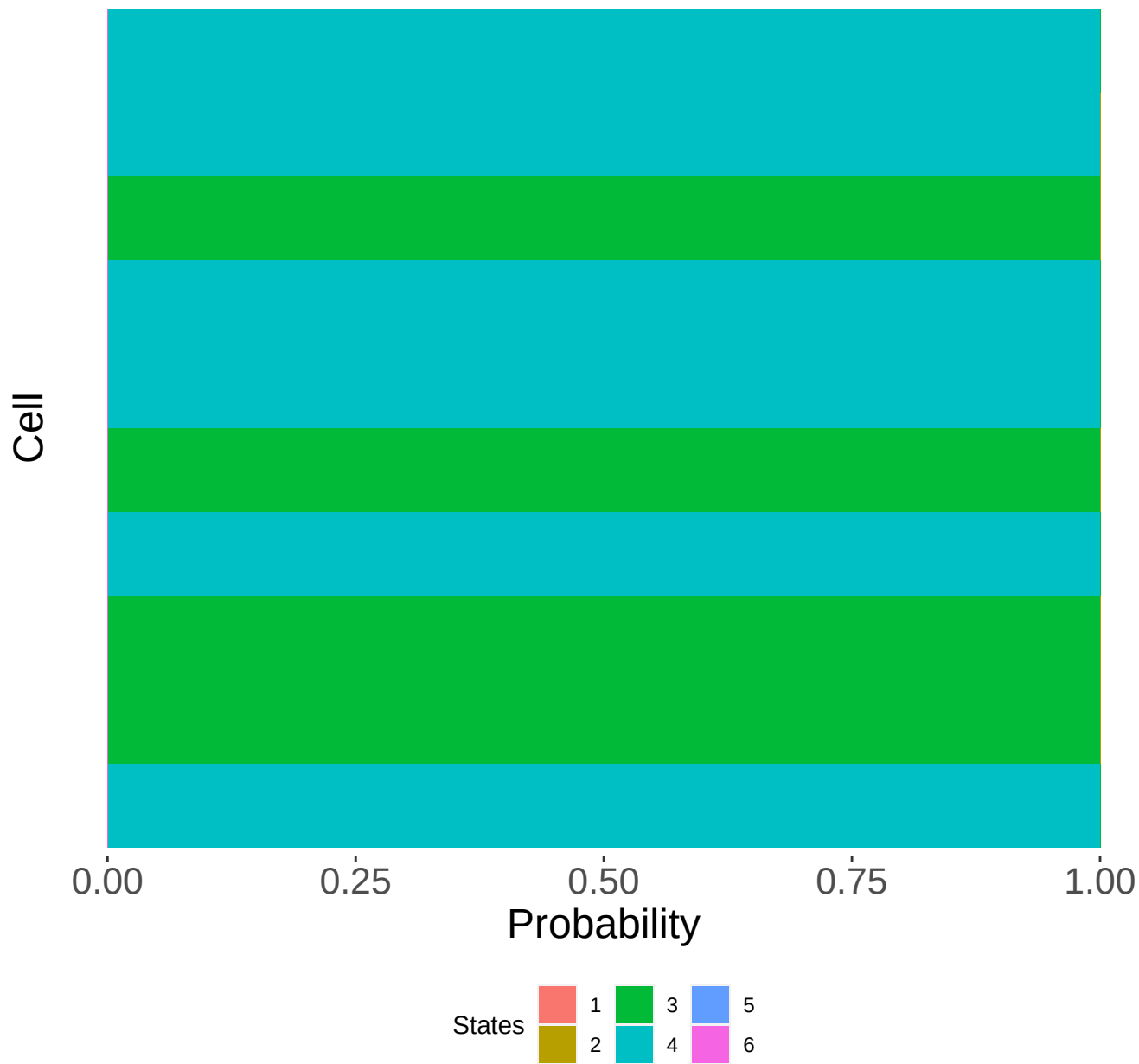
chr4-region_1953



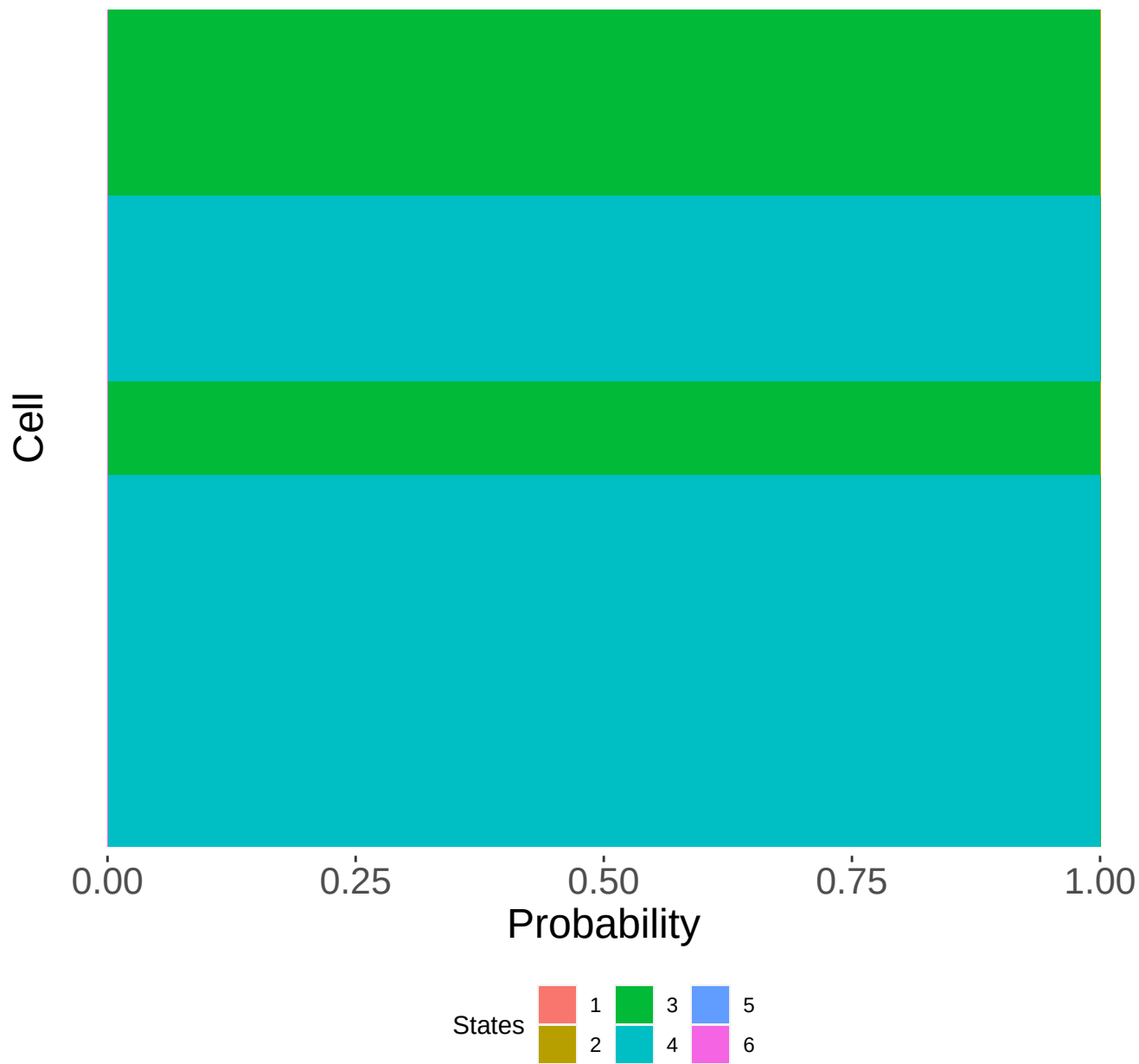
chr11-region_1981



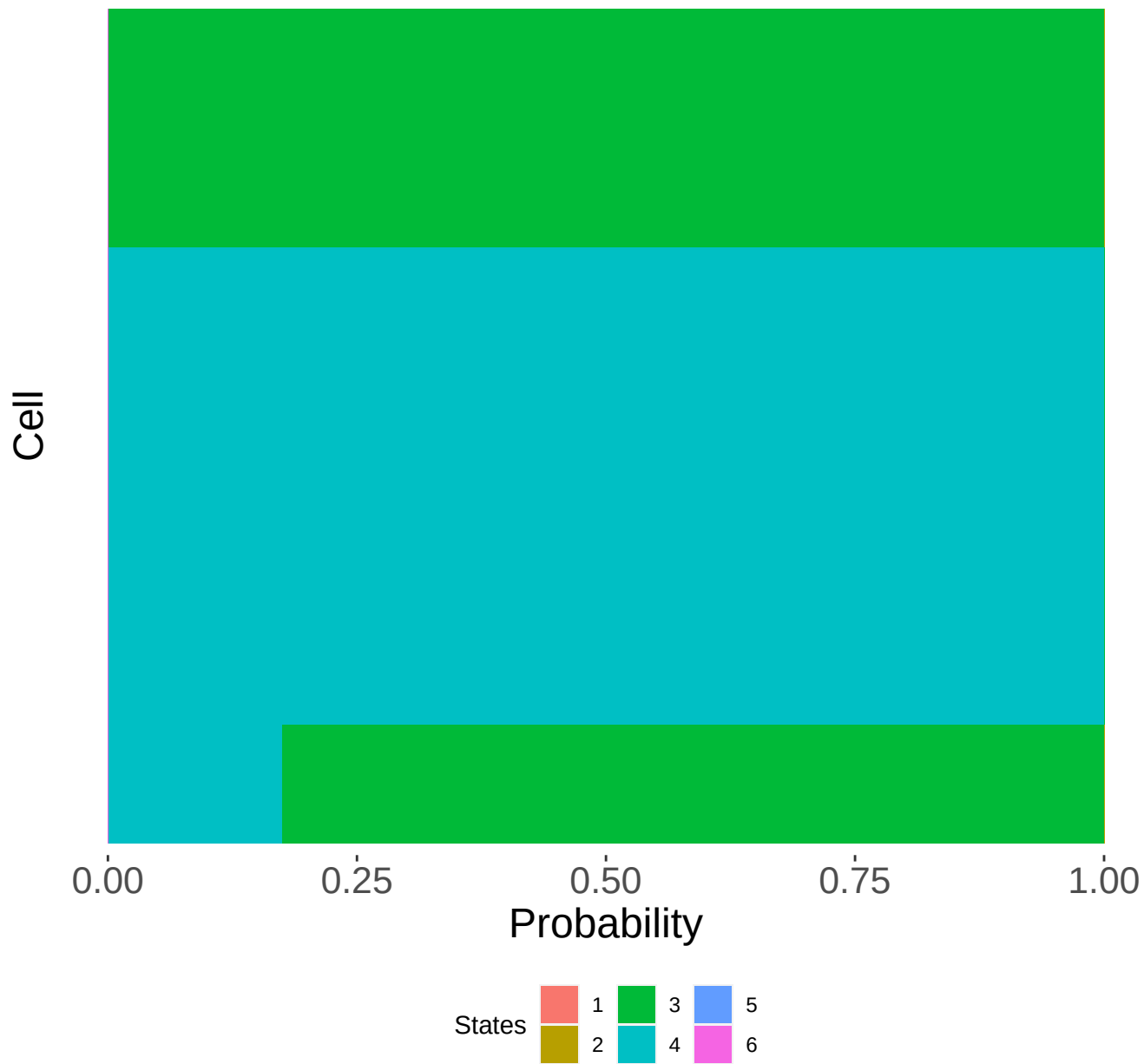
chr11-region_2002



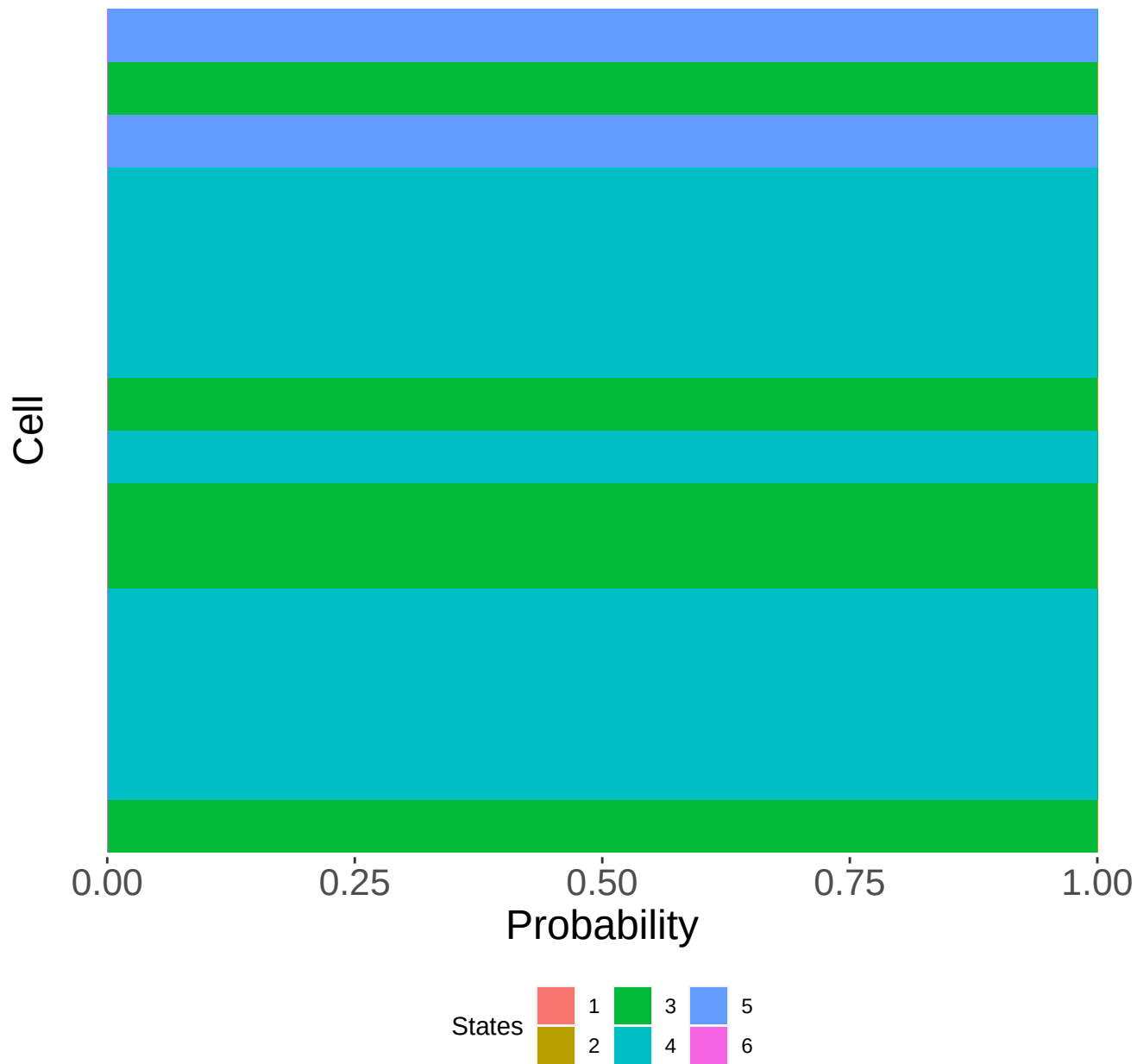
chr15-region_2065



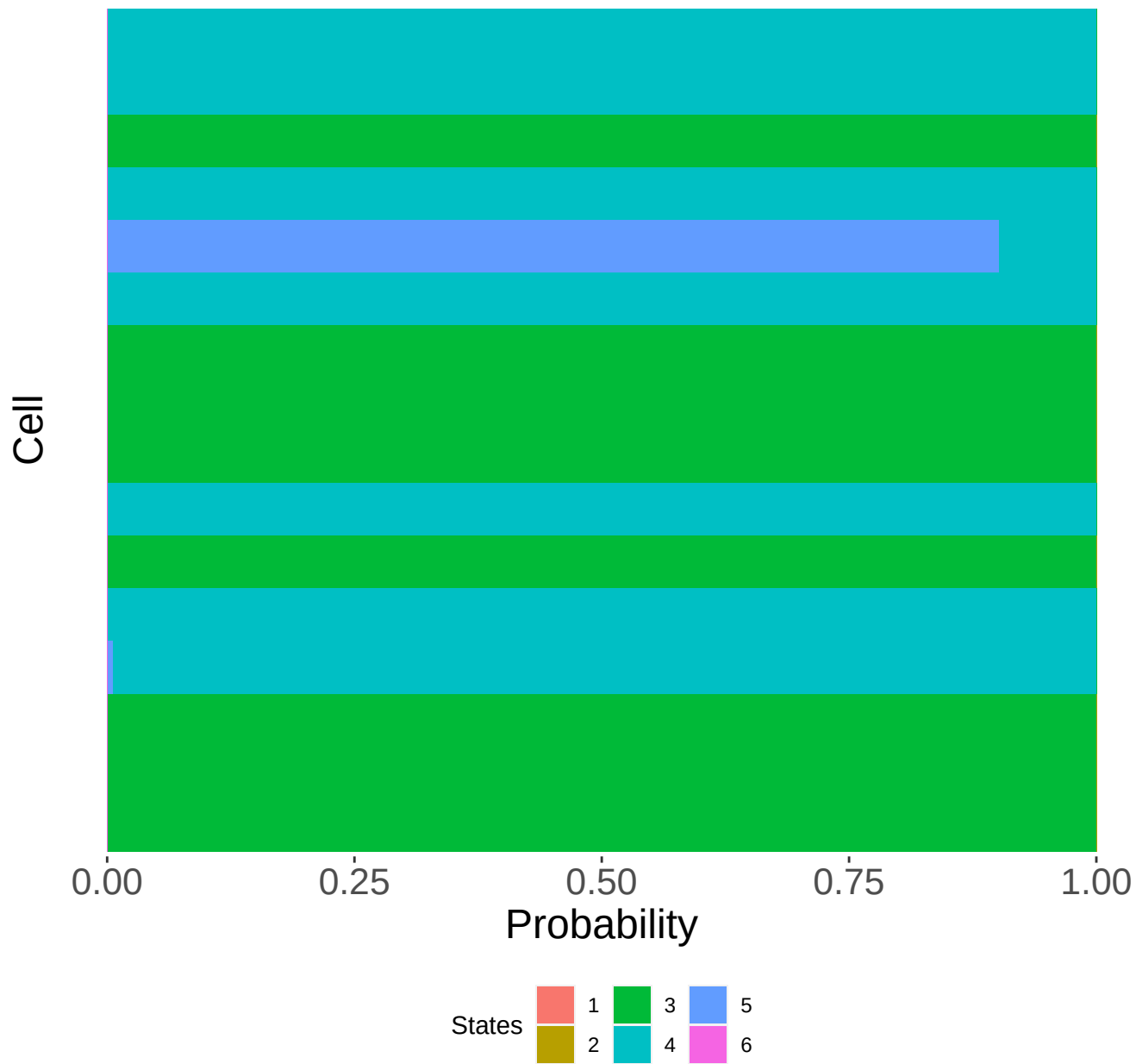
chr15-region_2086



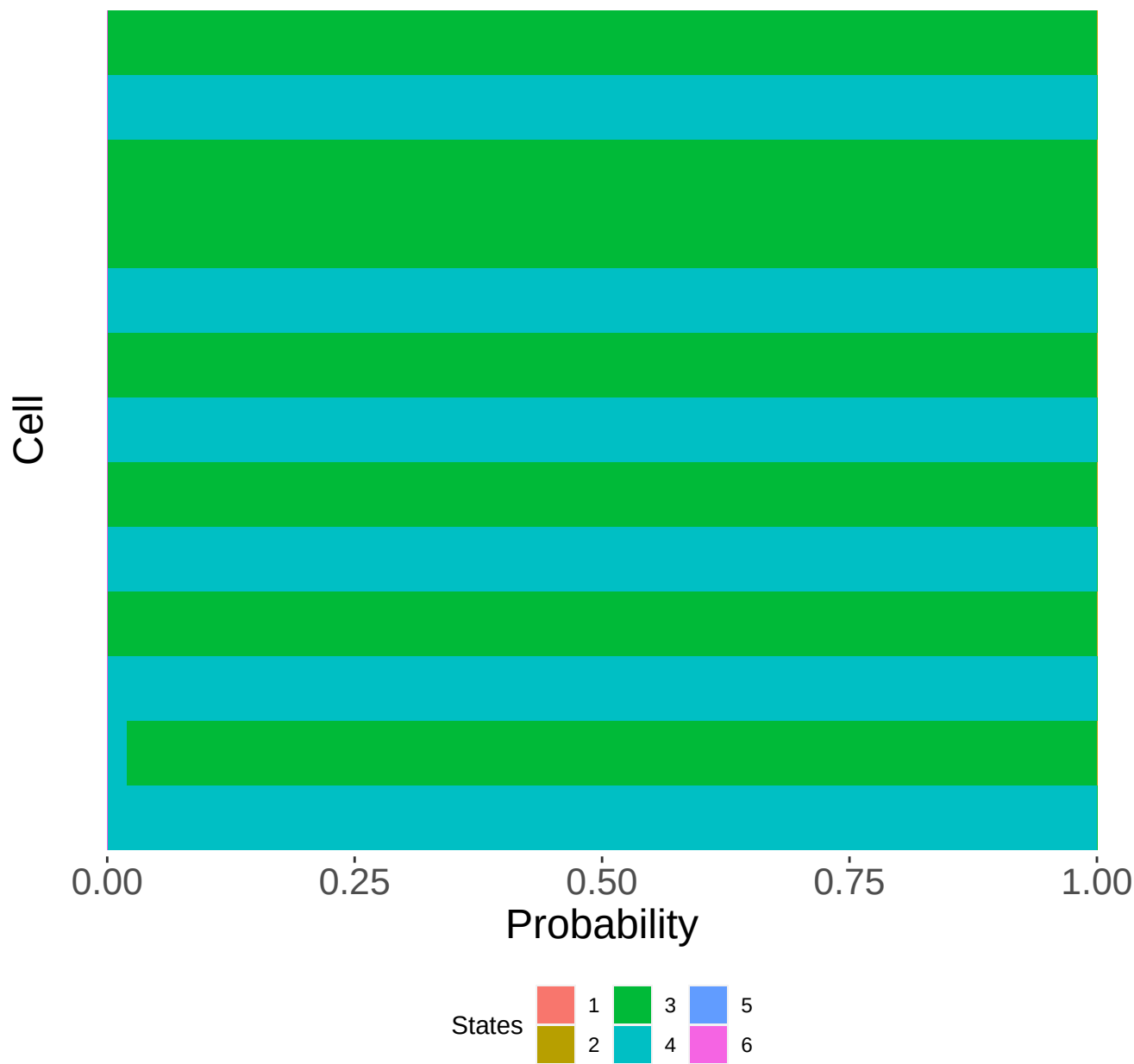
chr4-region_2094



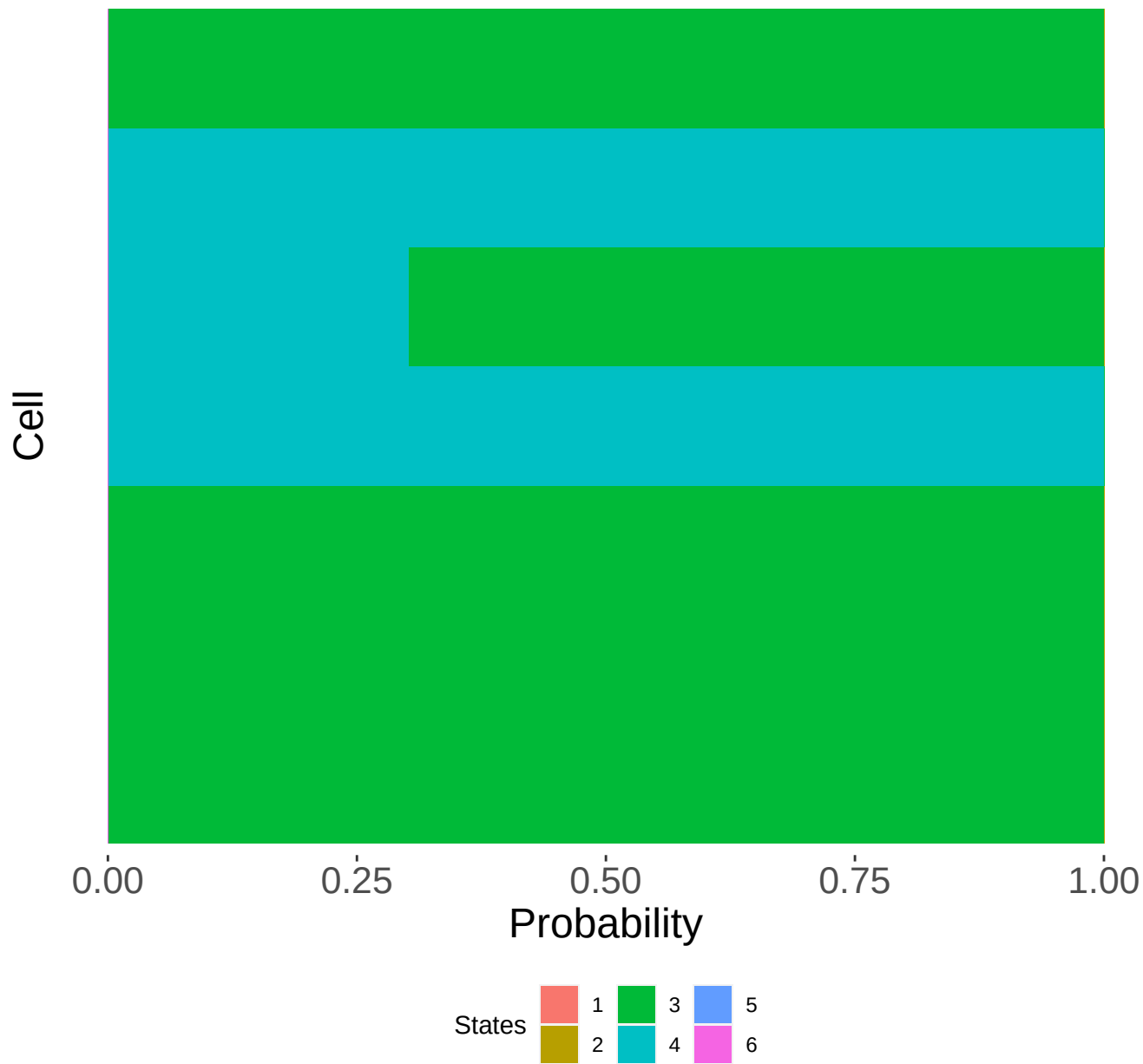
chr4-region_2096



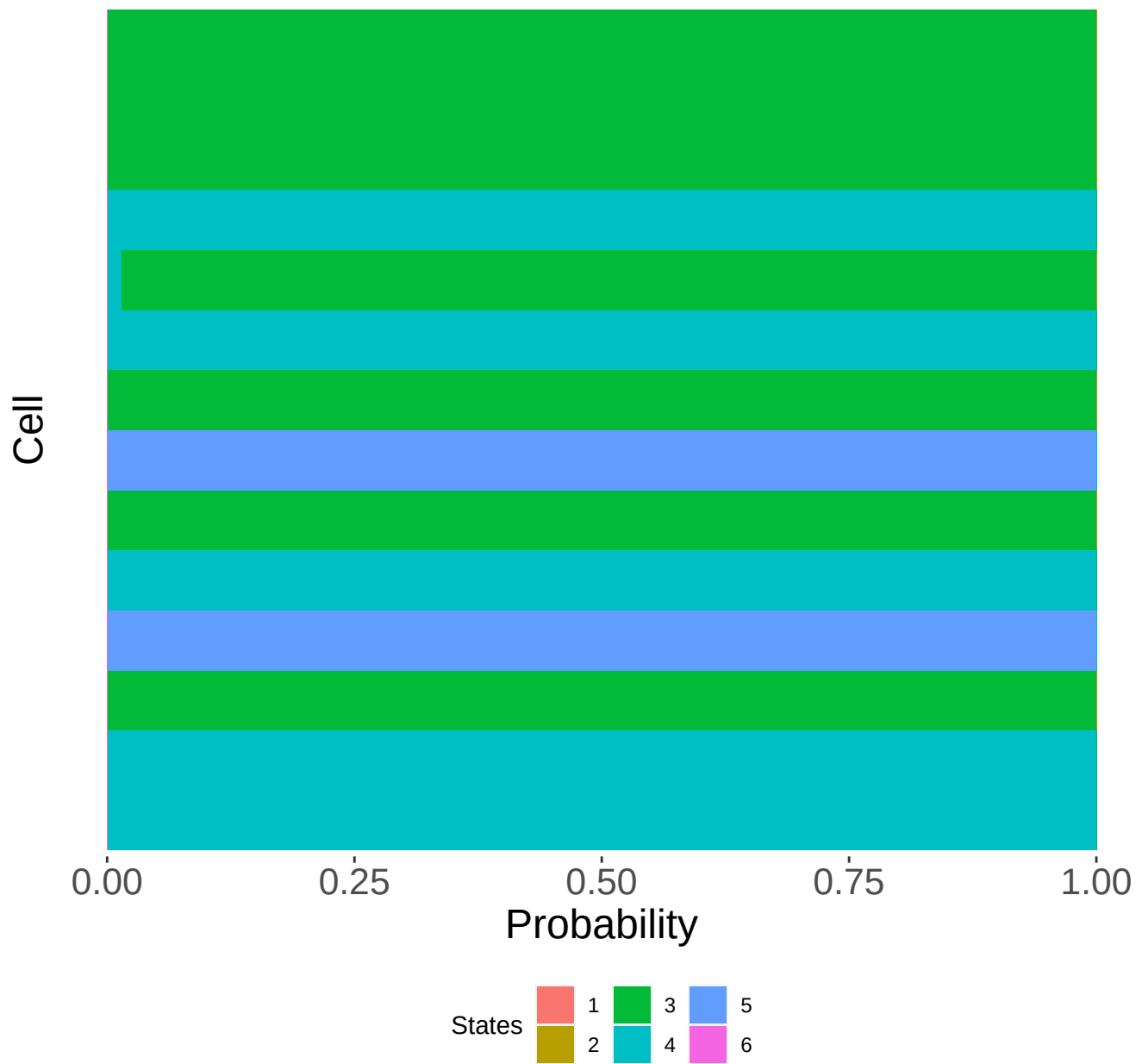
chr15-region_2127



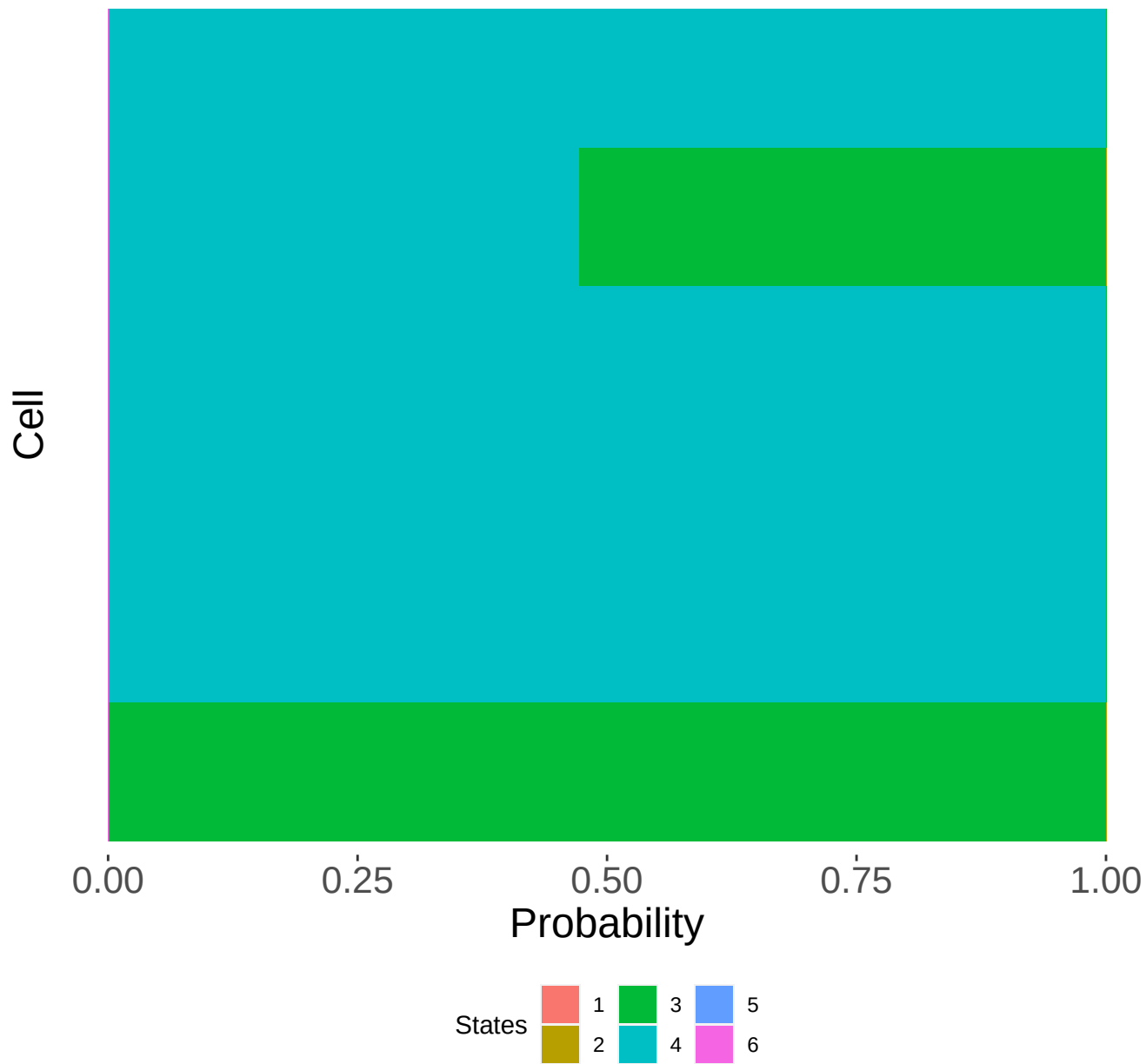
chr12-region_2163



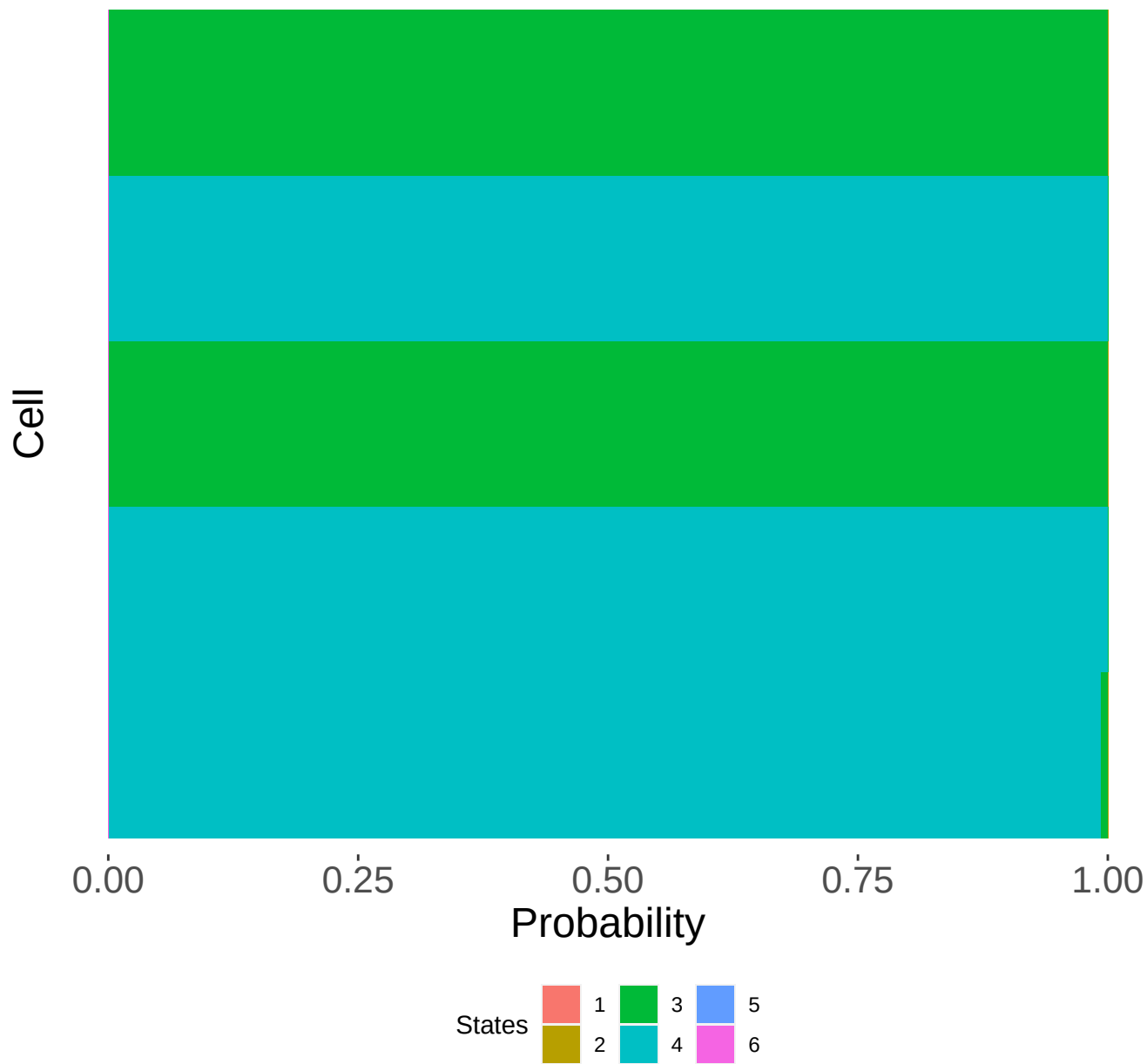
chr6-region_2197



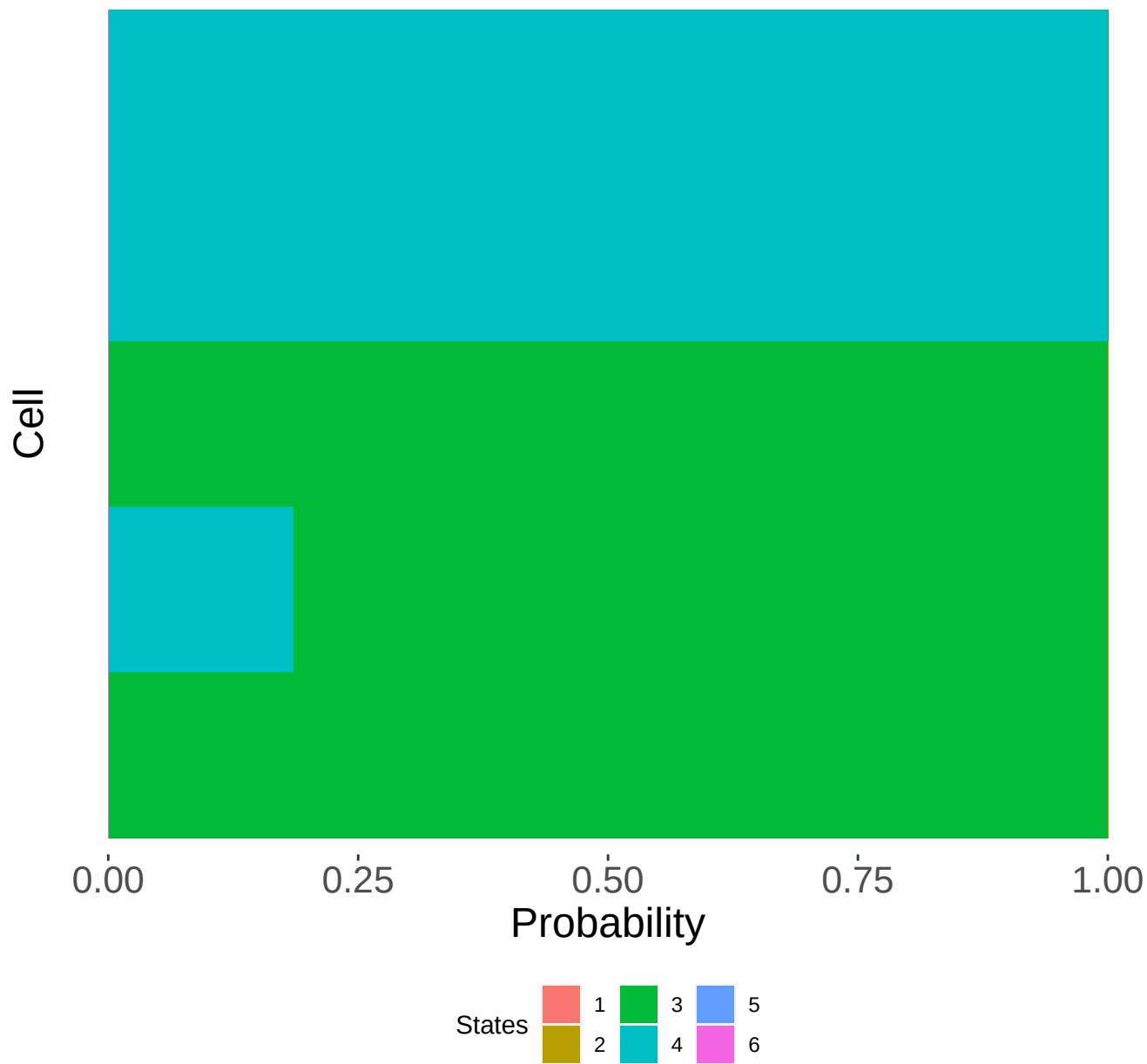
chr16-region_2246



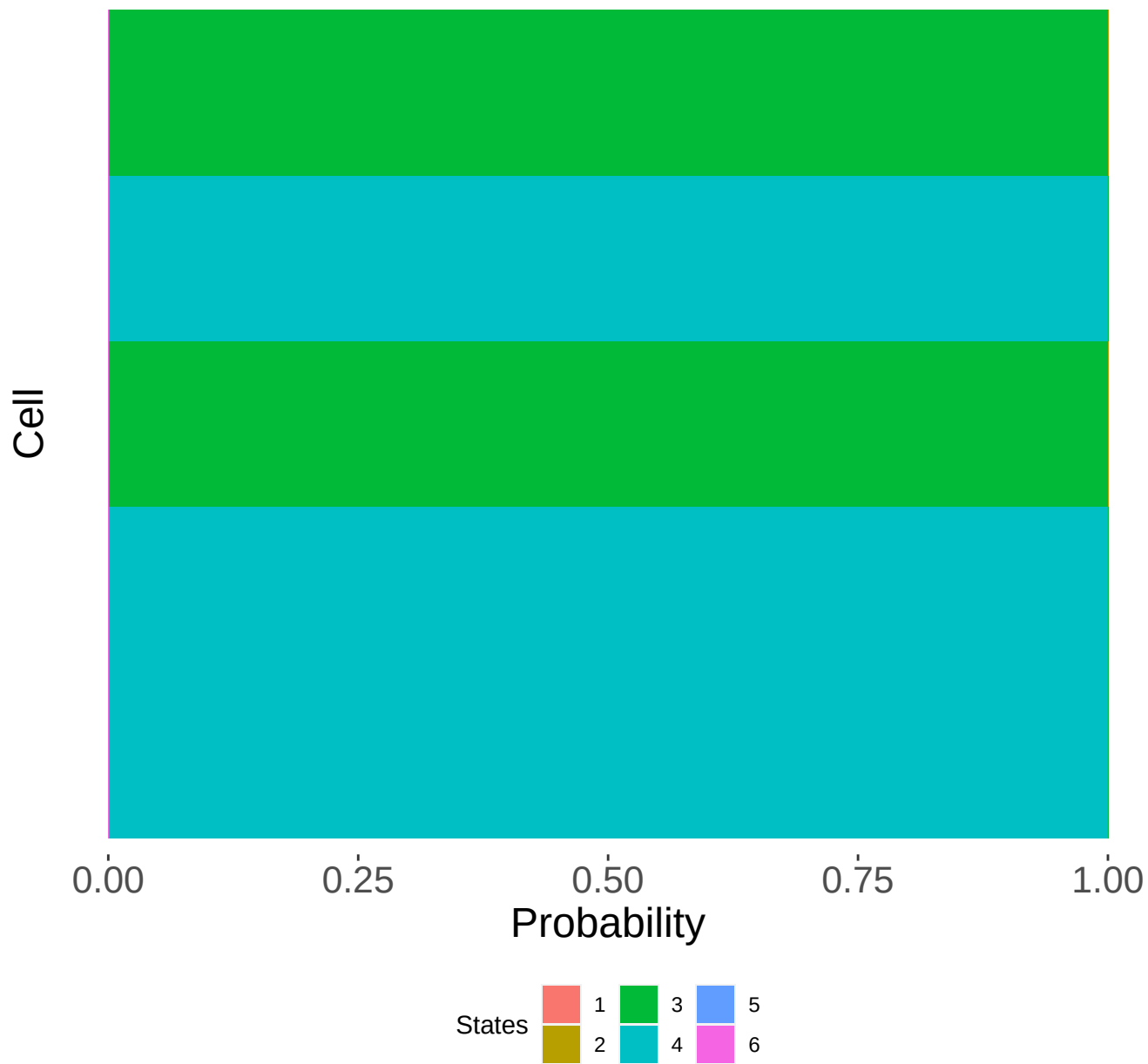
chr1-region_2271



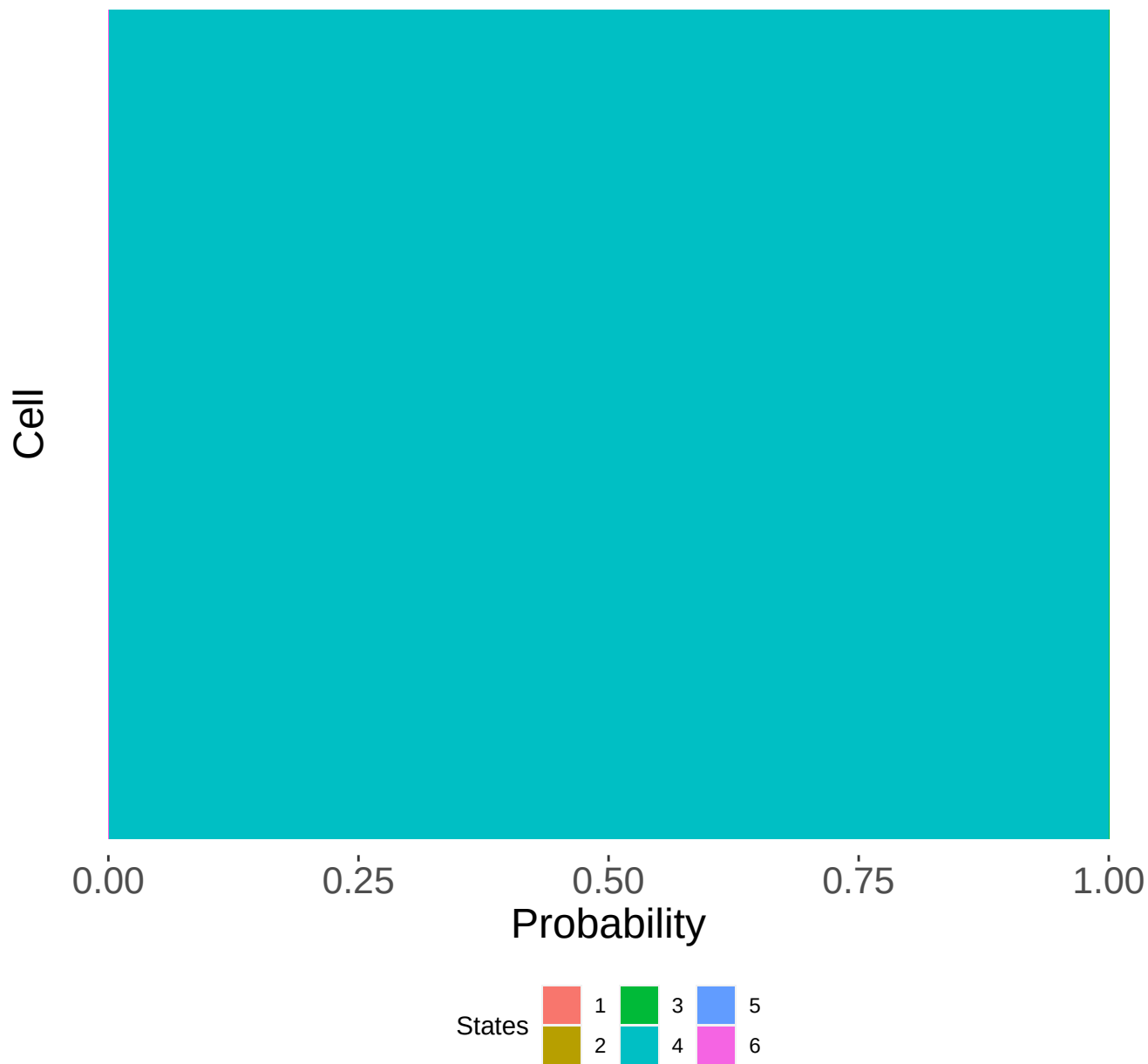
chr6-region_2276



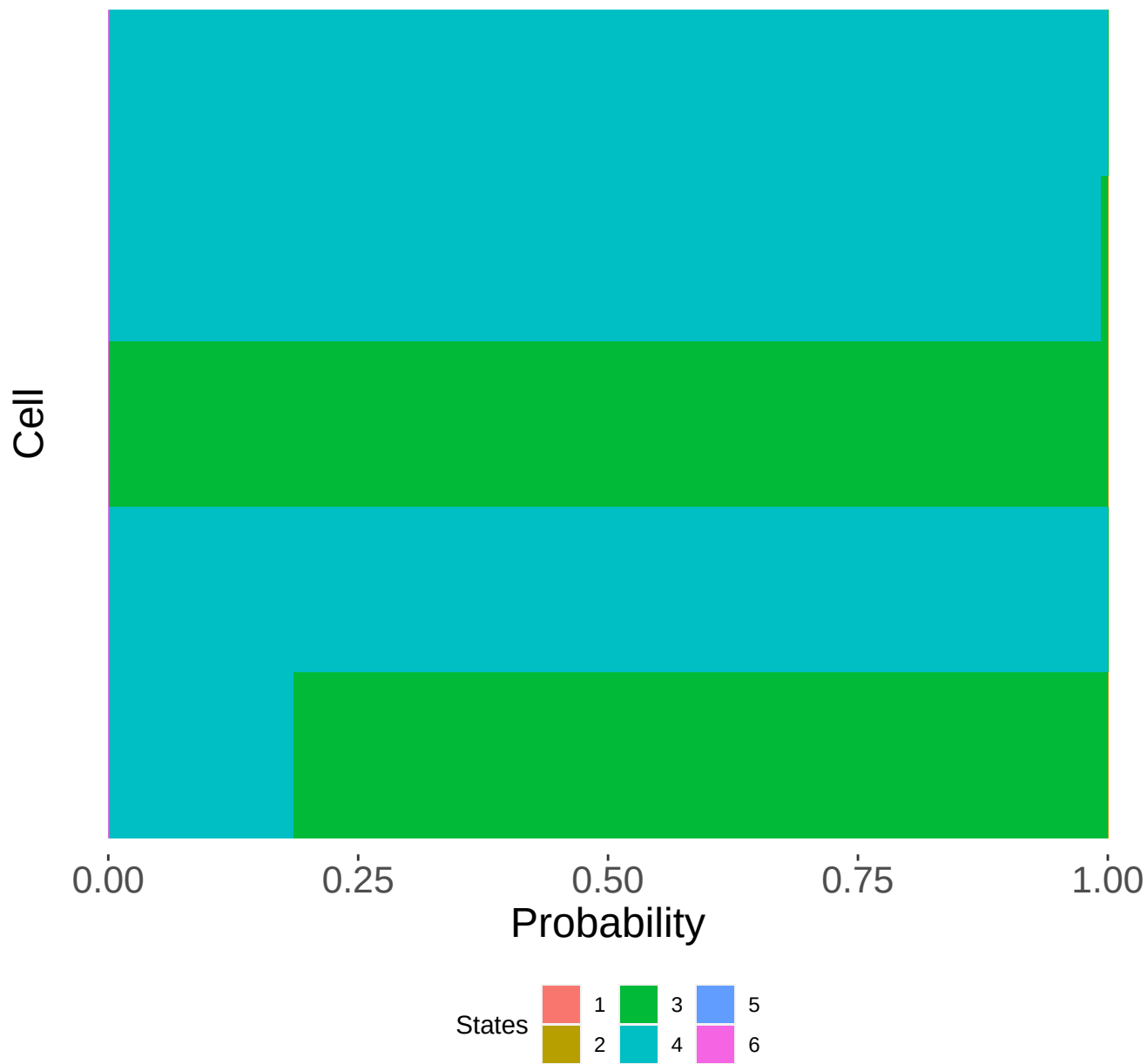
chr12-region_2284



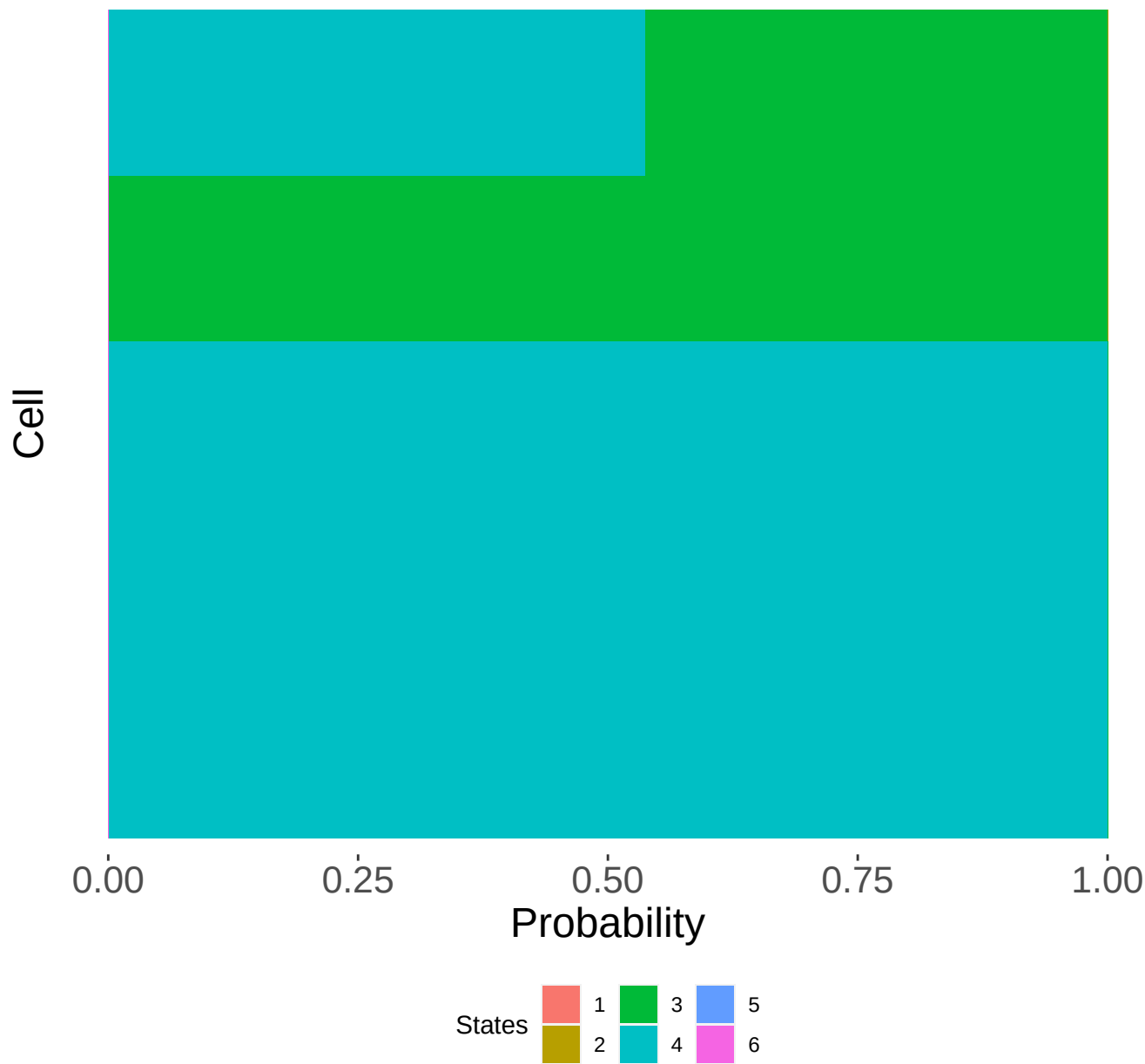
chr18-region_2291



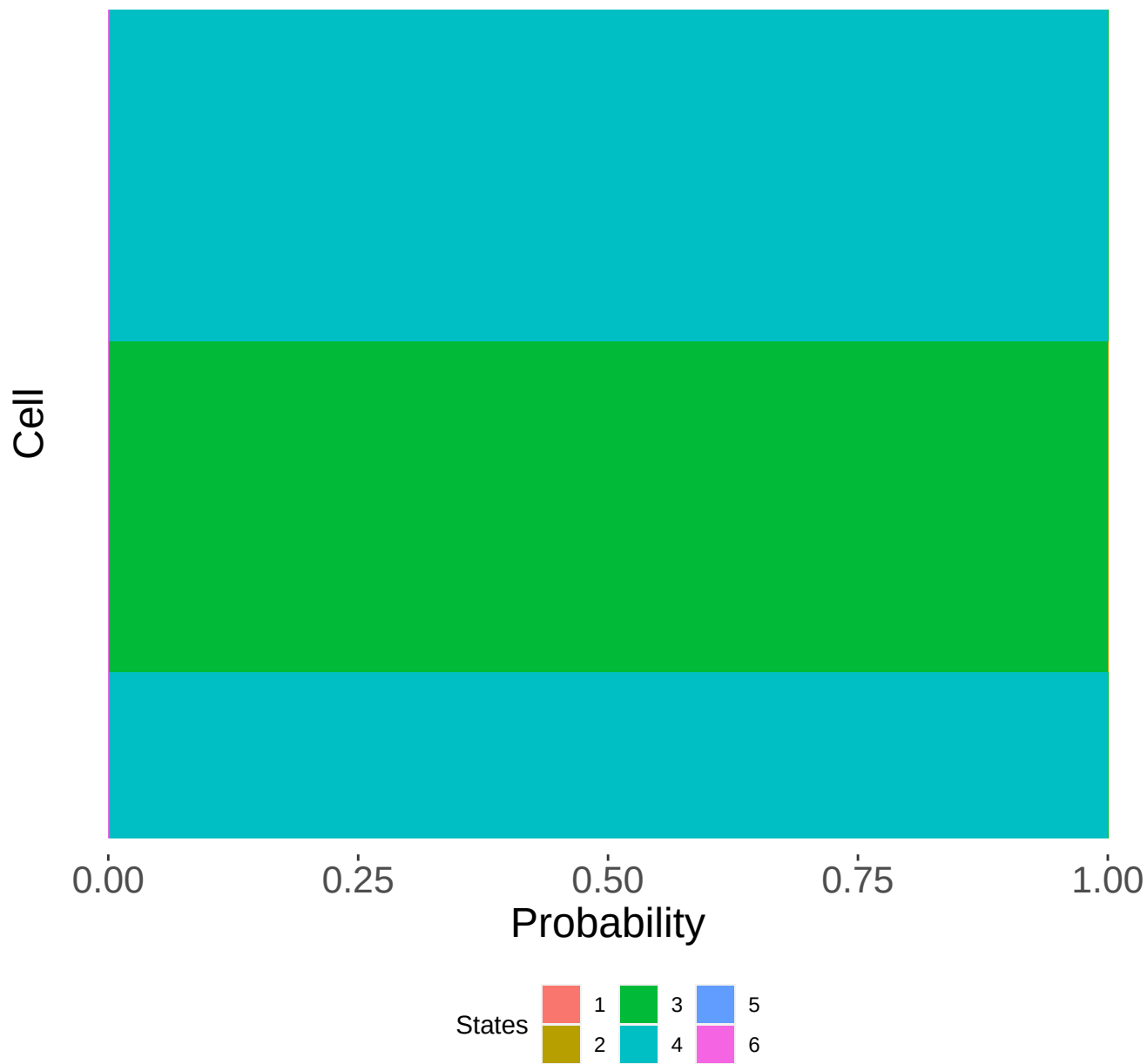
chr3-region_2297



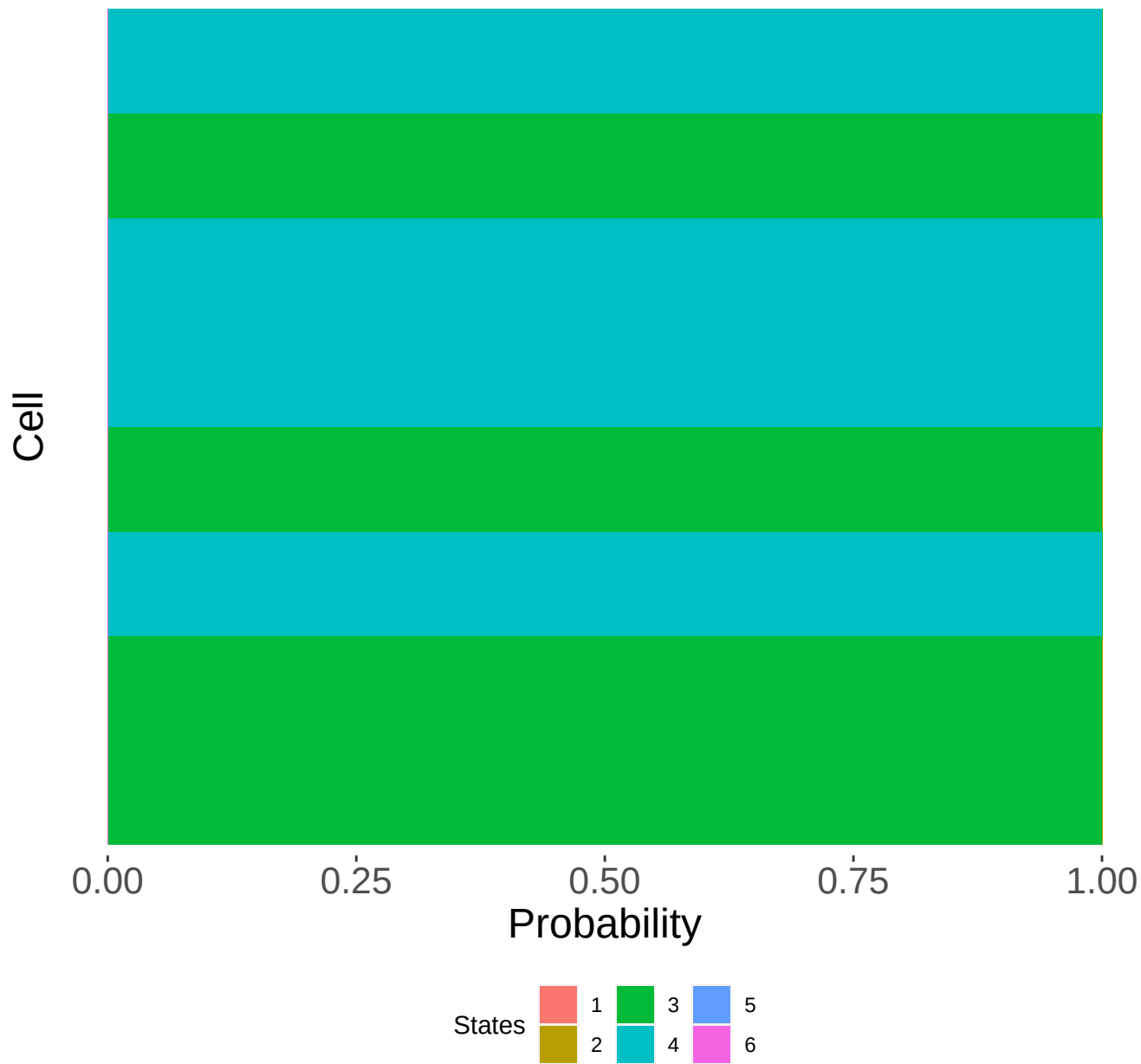
chr15-region_2311



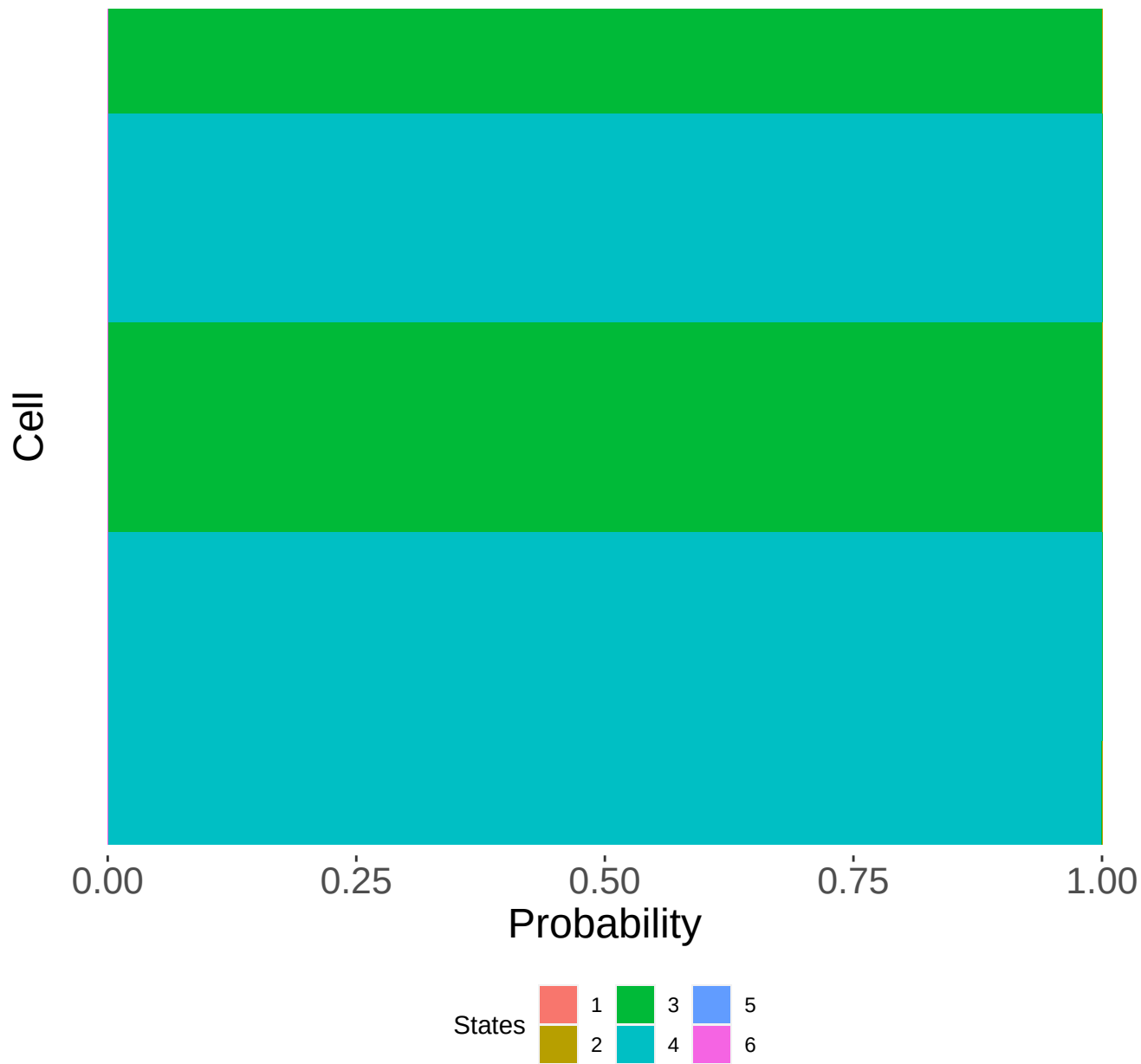
chr18-region_2315



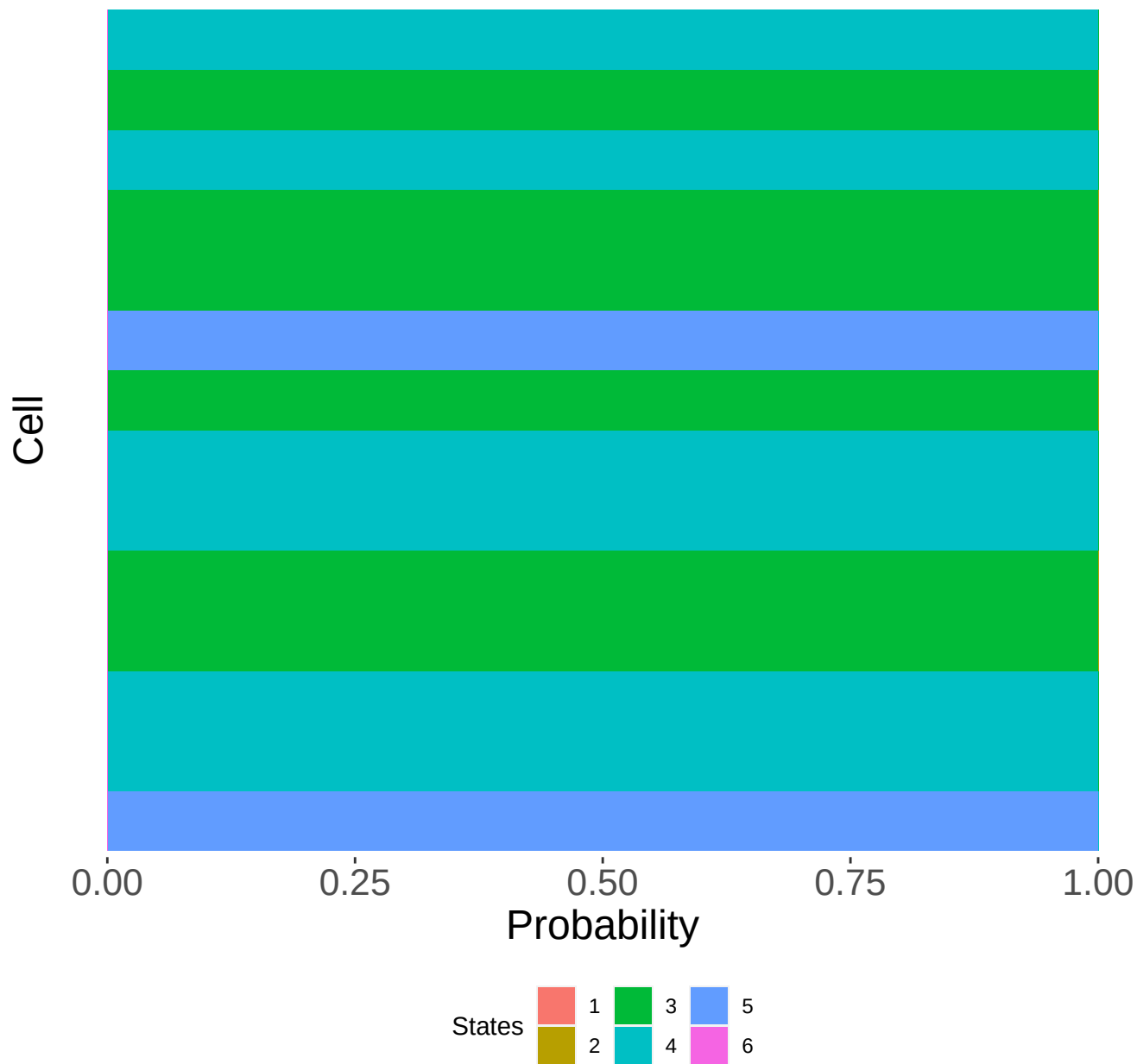
chr7-region_2381



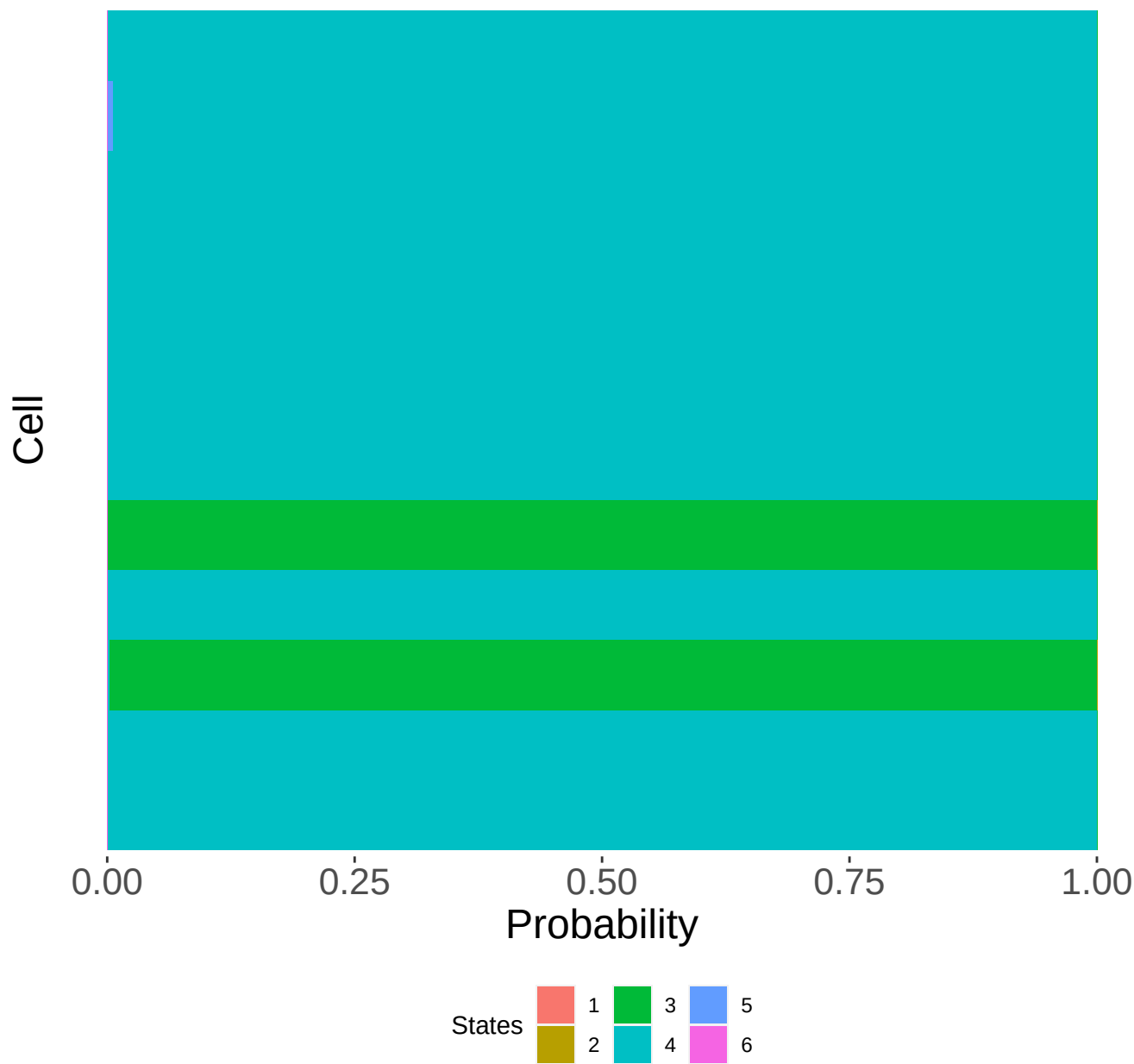
chr11-region_2387



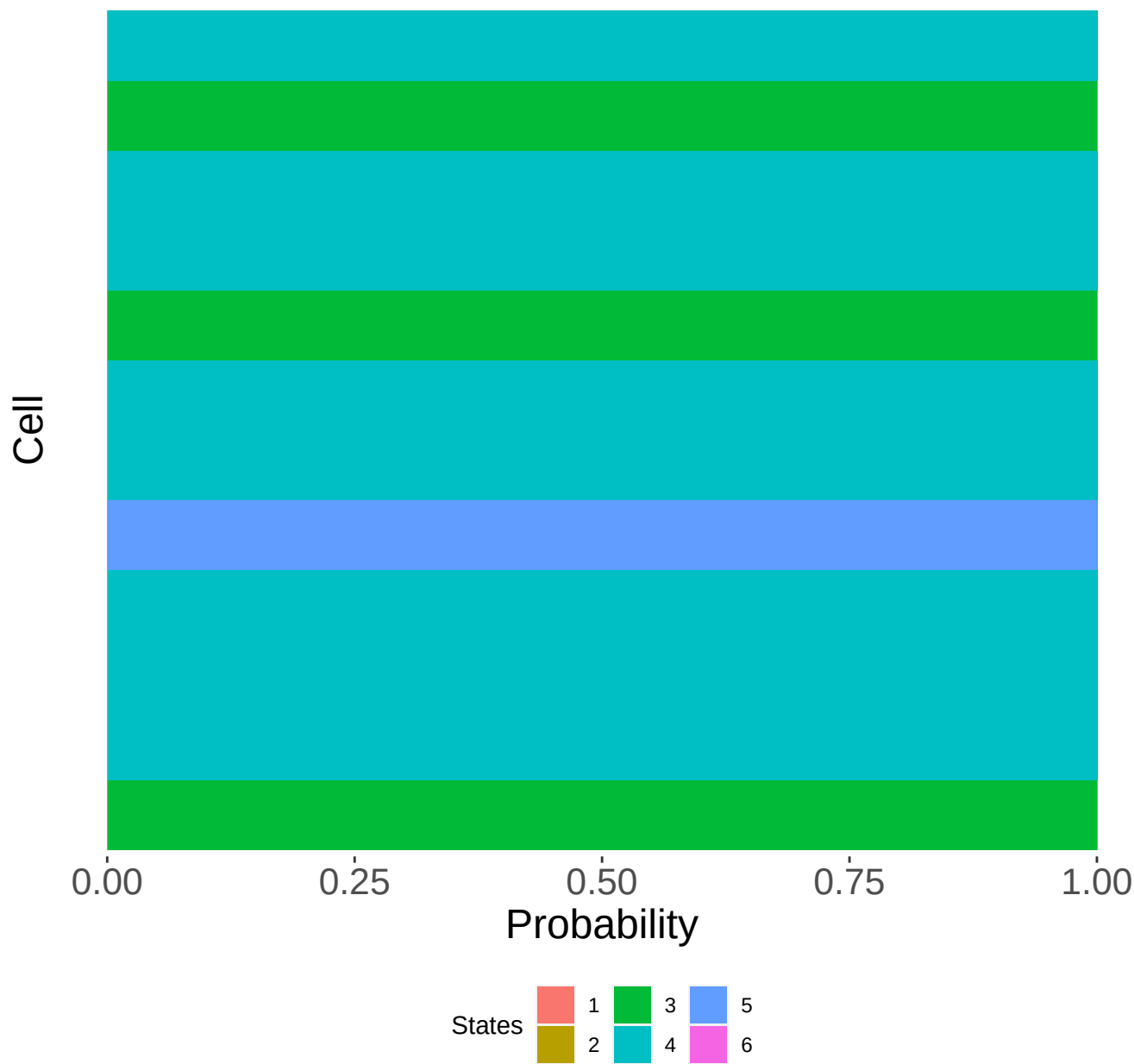
chr13-region_2410



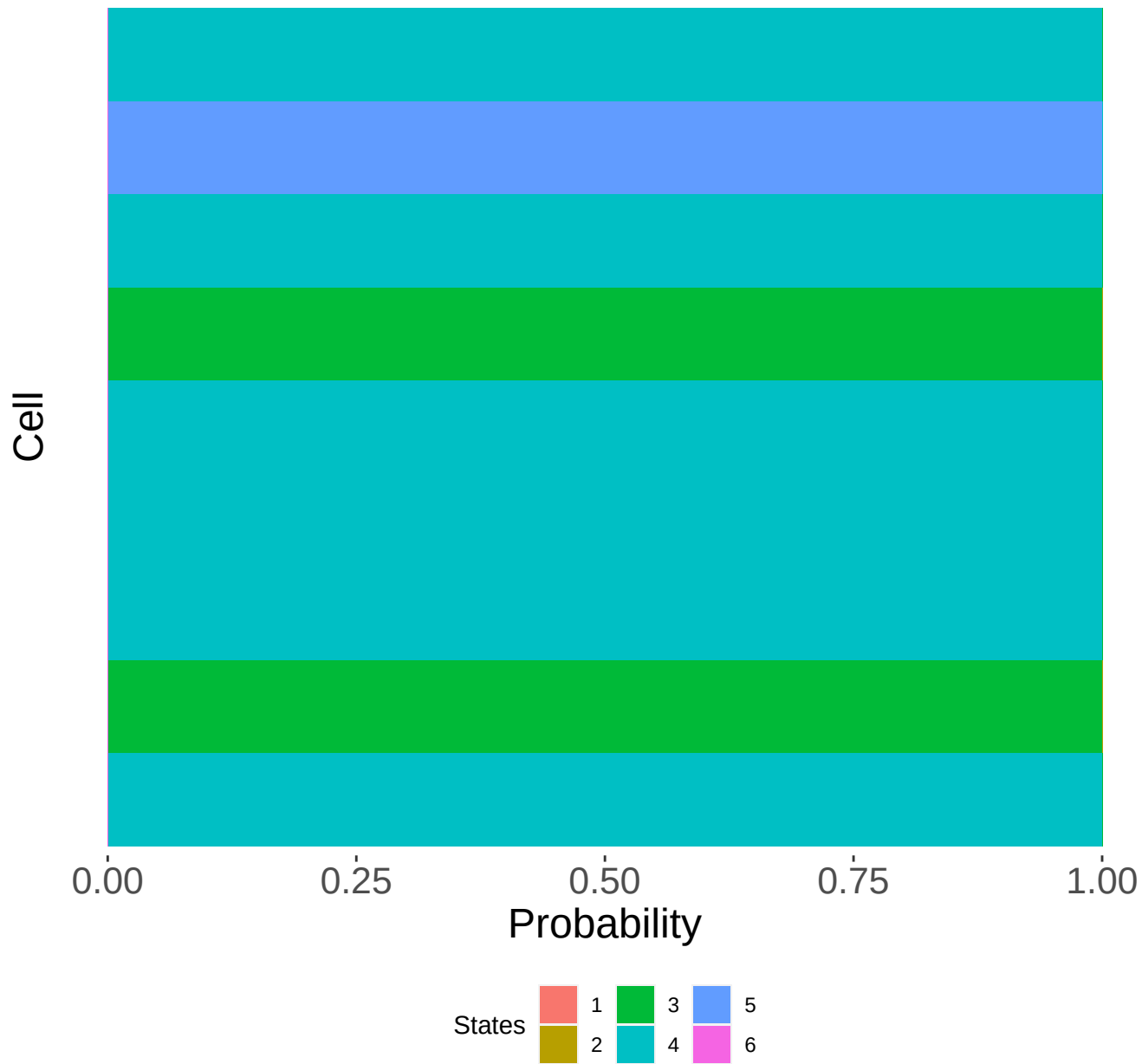
chr6-region_2422



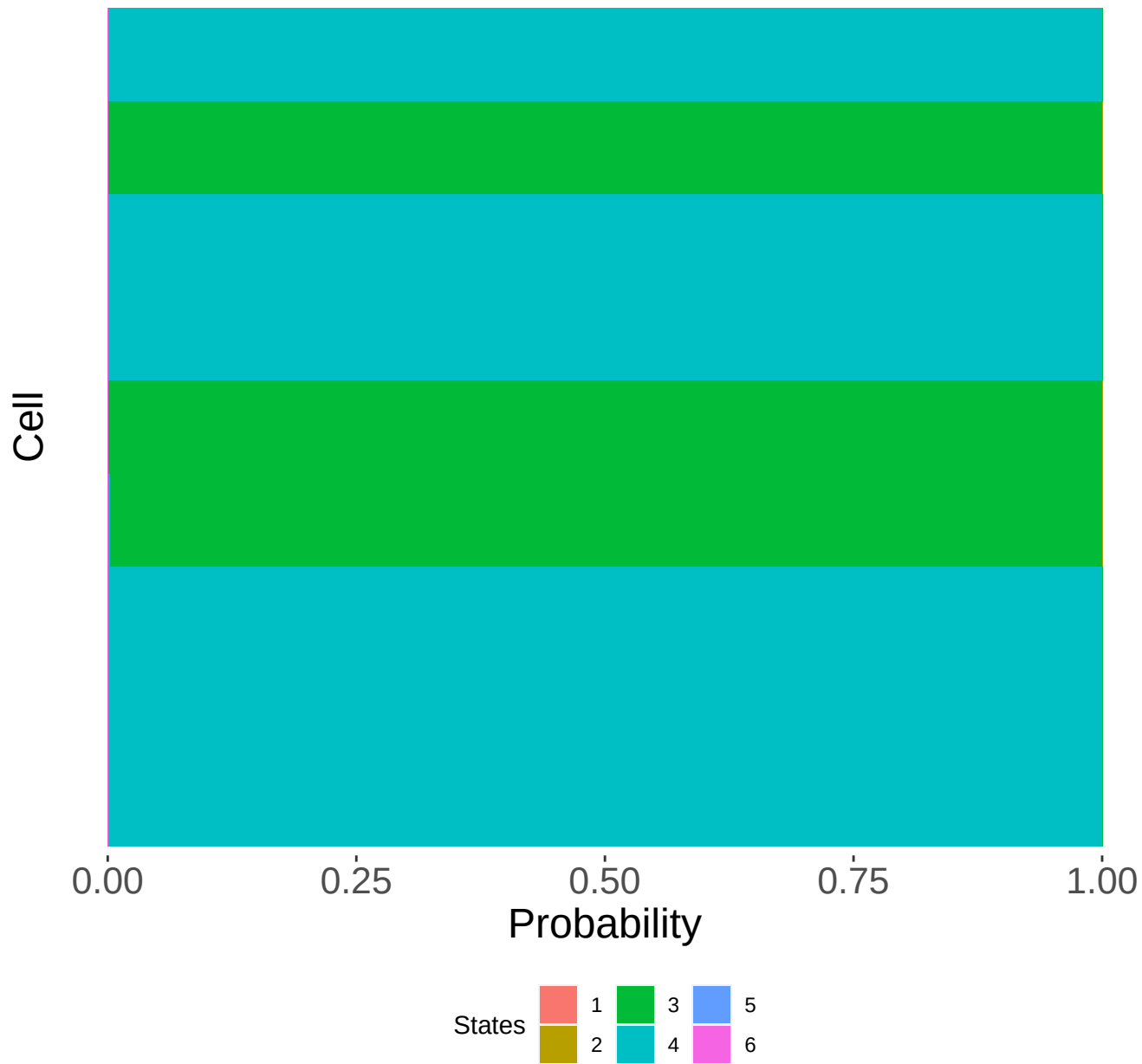
chr11-region_2429



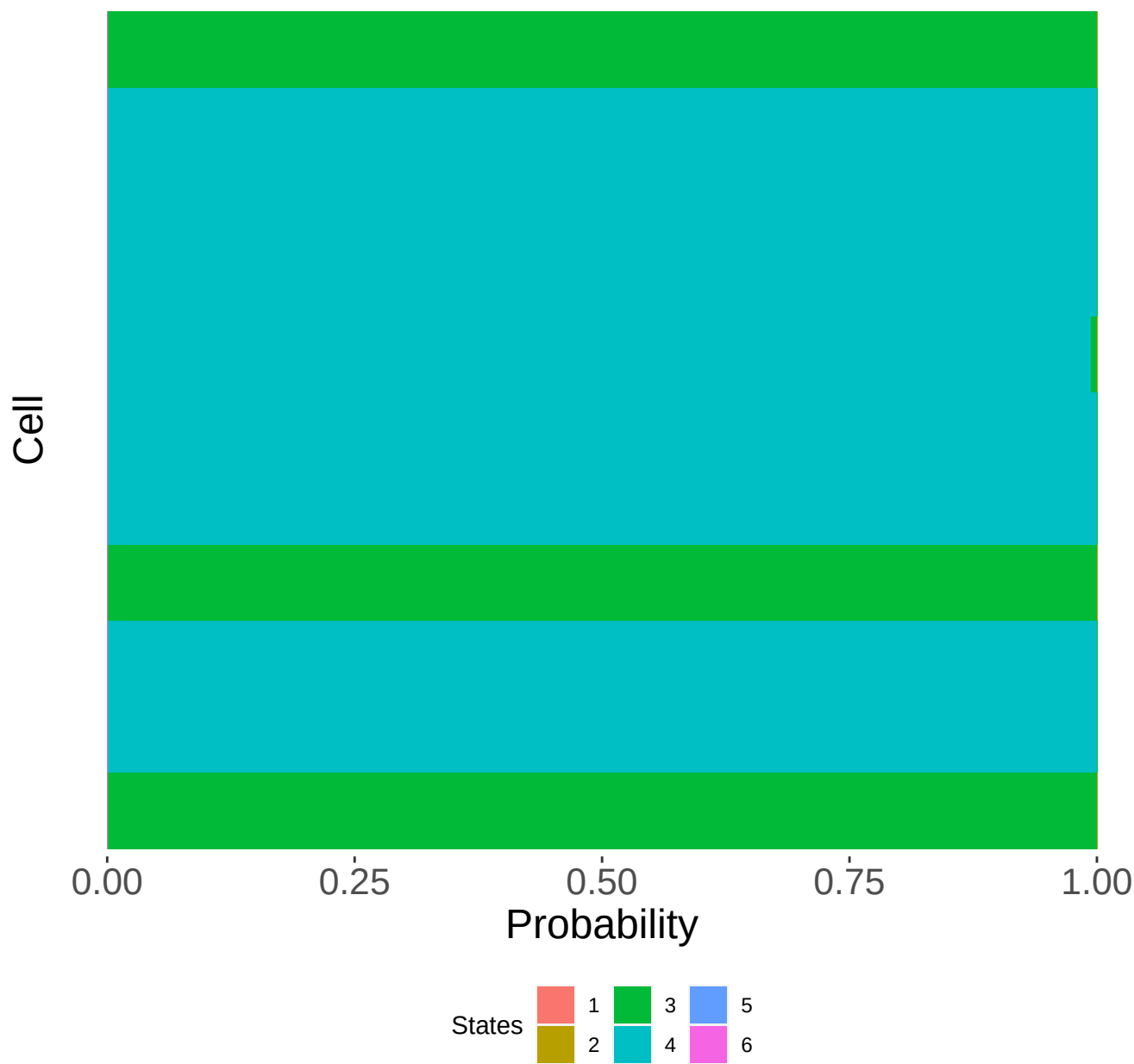
chr10-region_2448



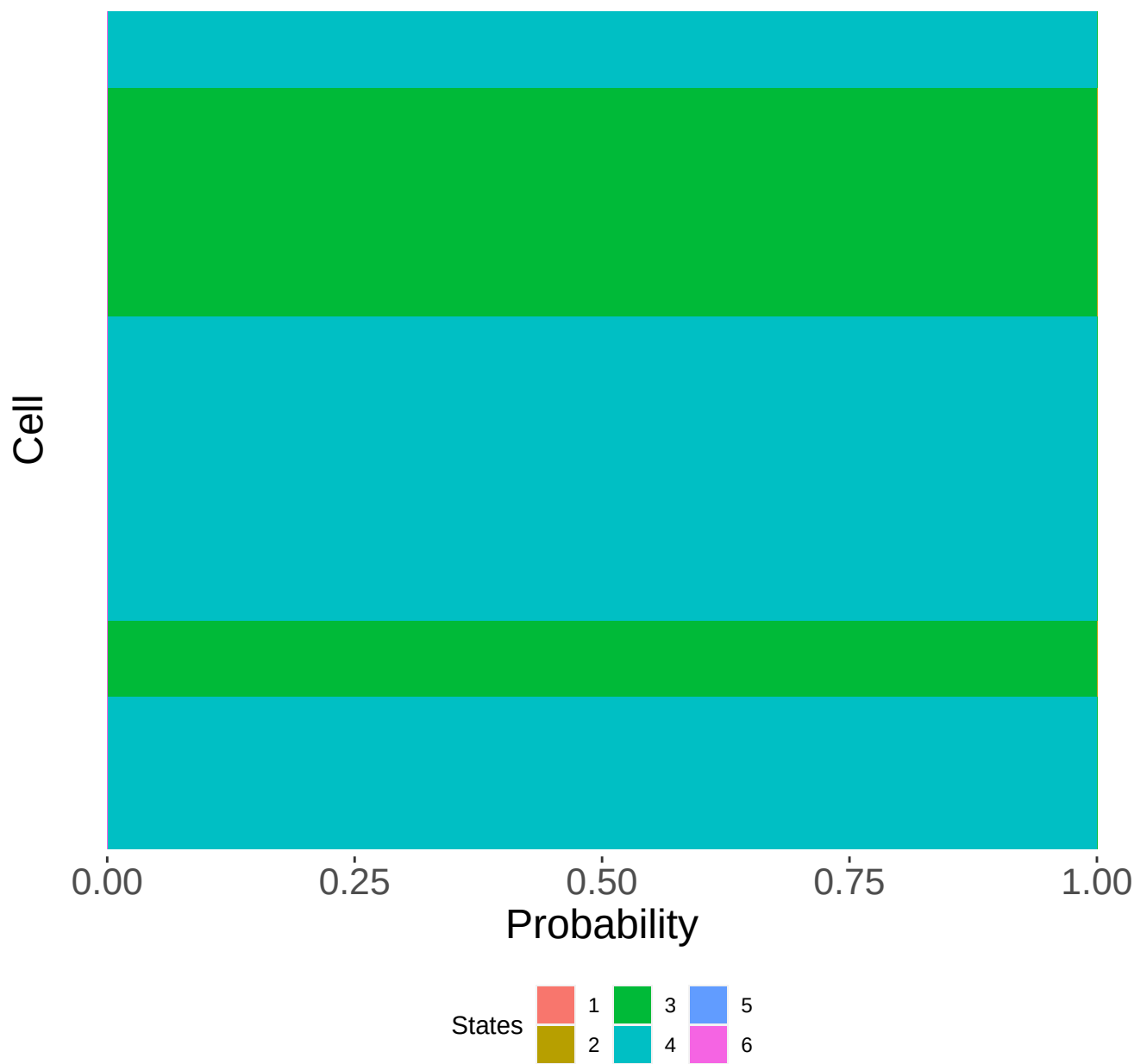
chr15-region_2454



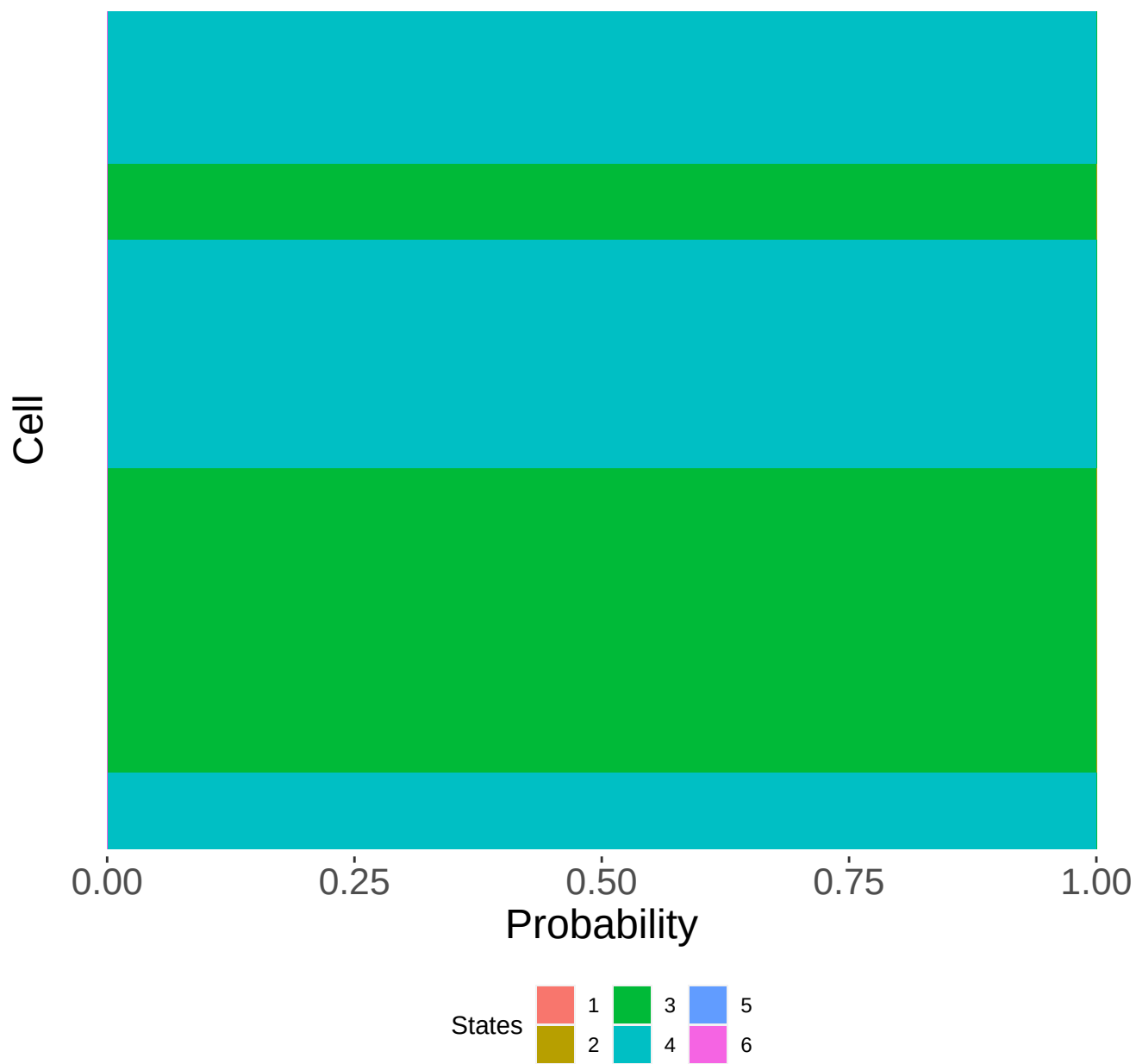
chr3-region_2462



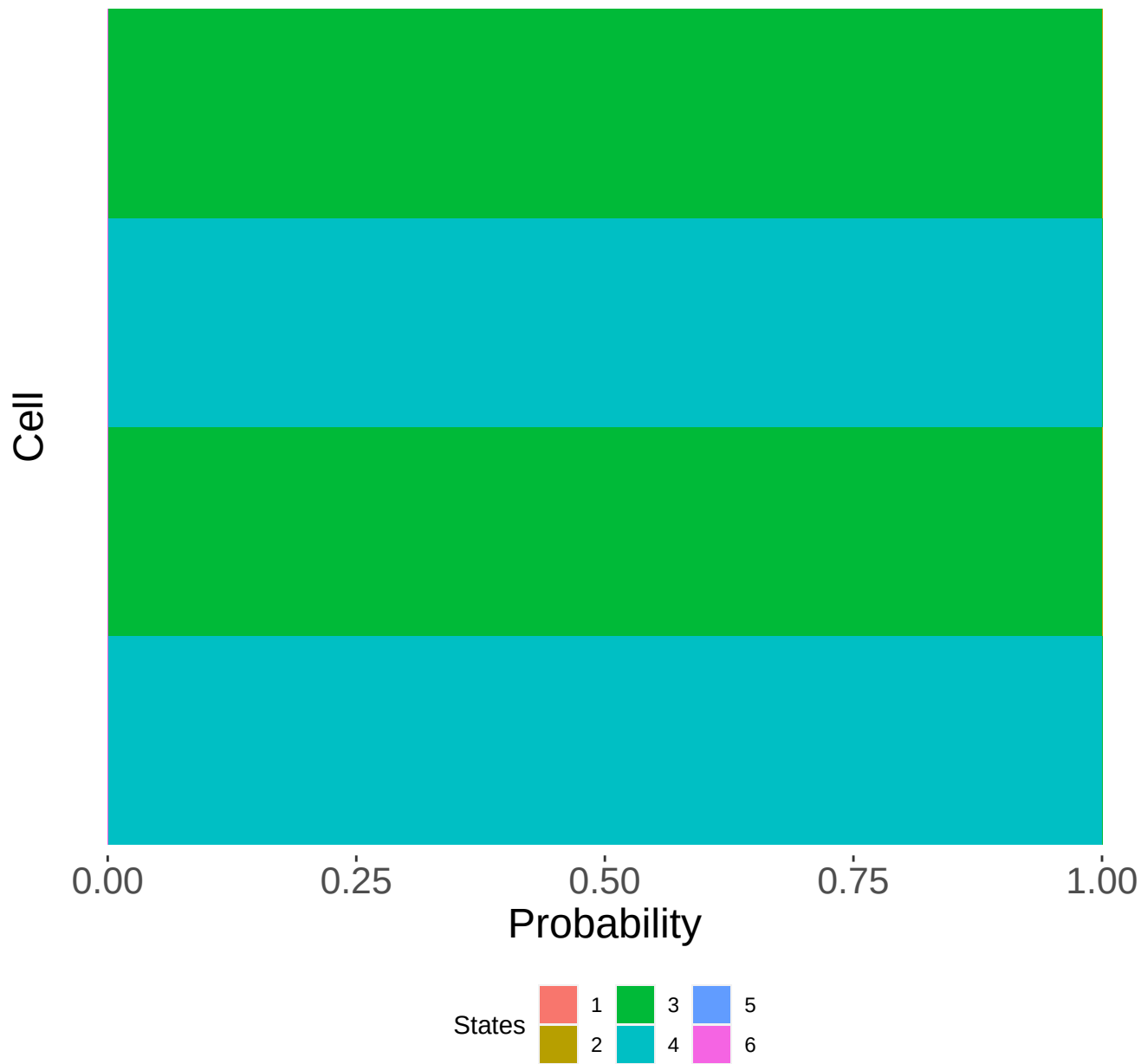
chr10-region_2471



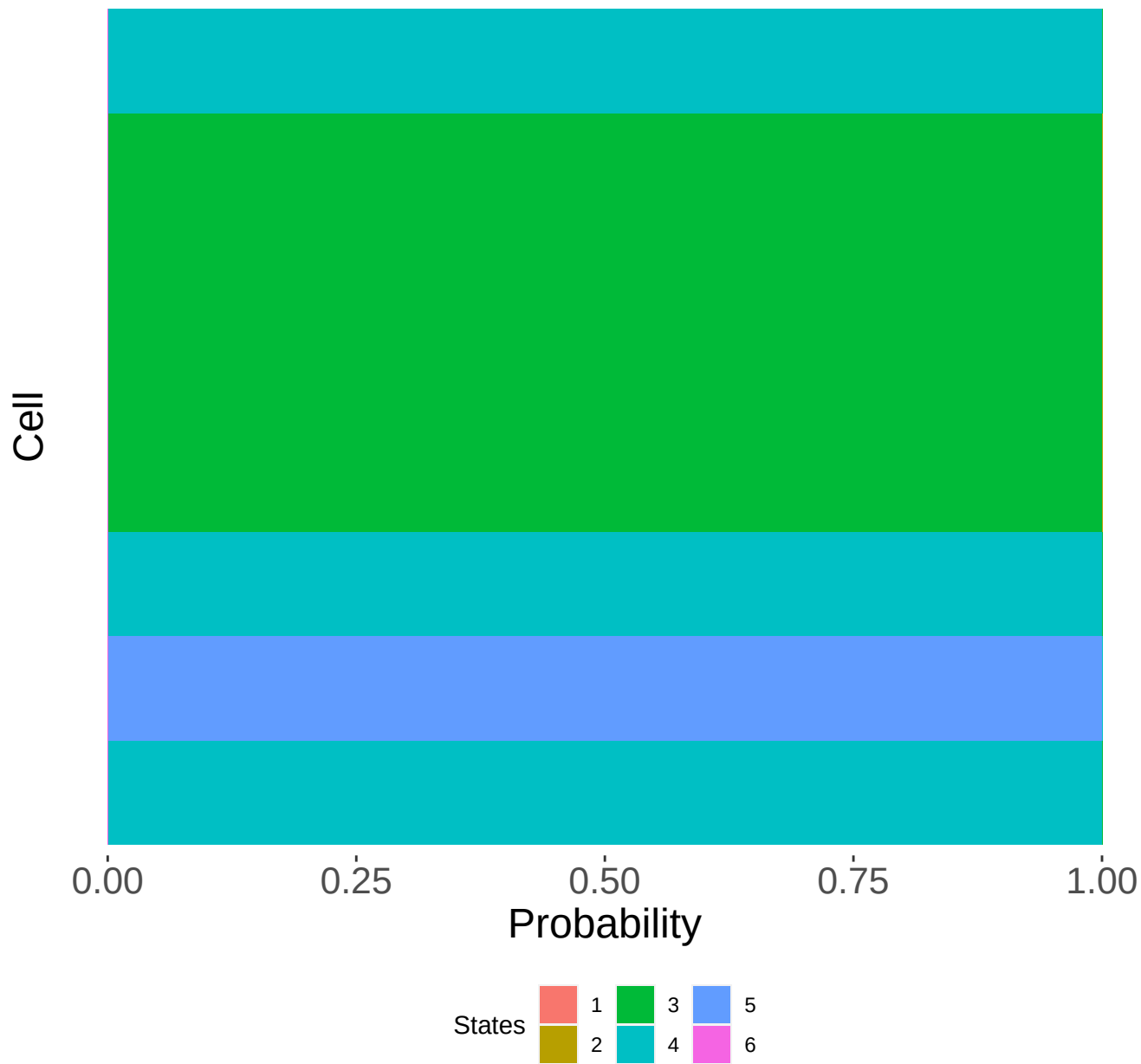
chr11-region_2474



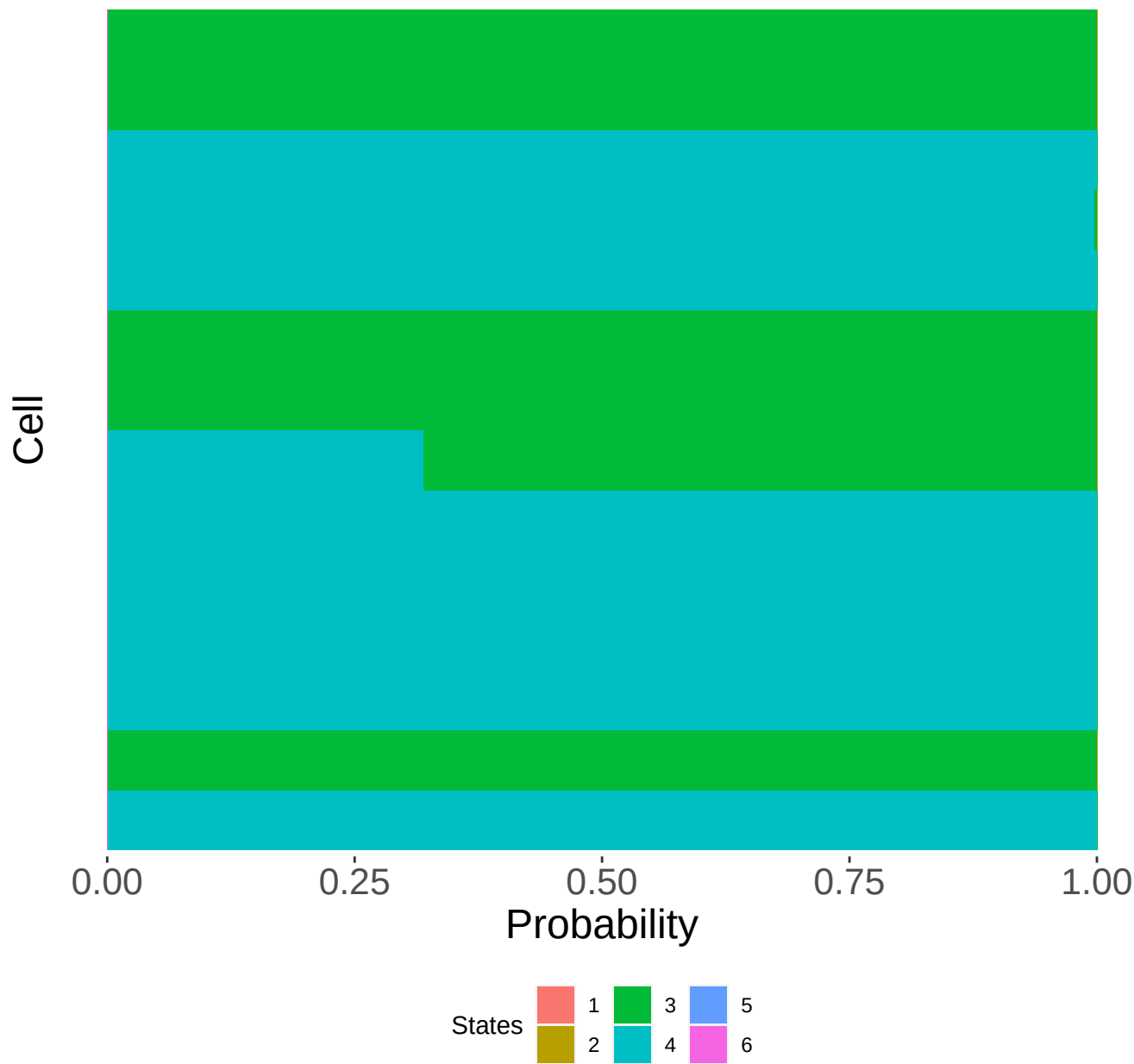
chr10-region_2494



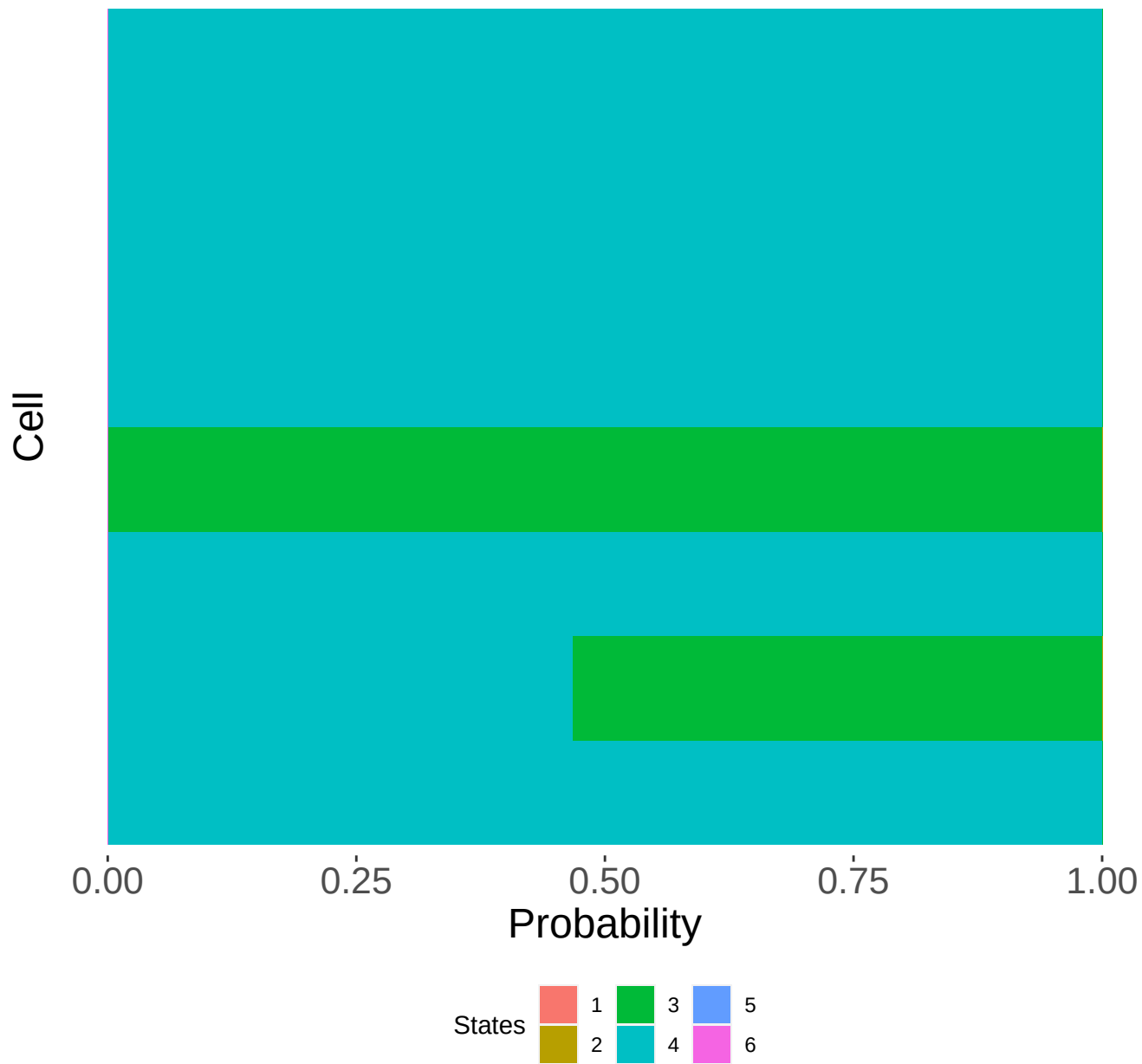
chr15-region_2500



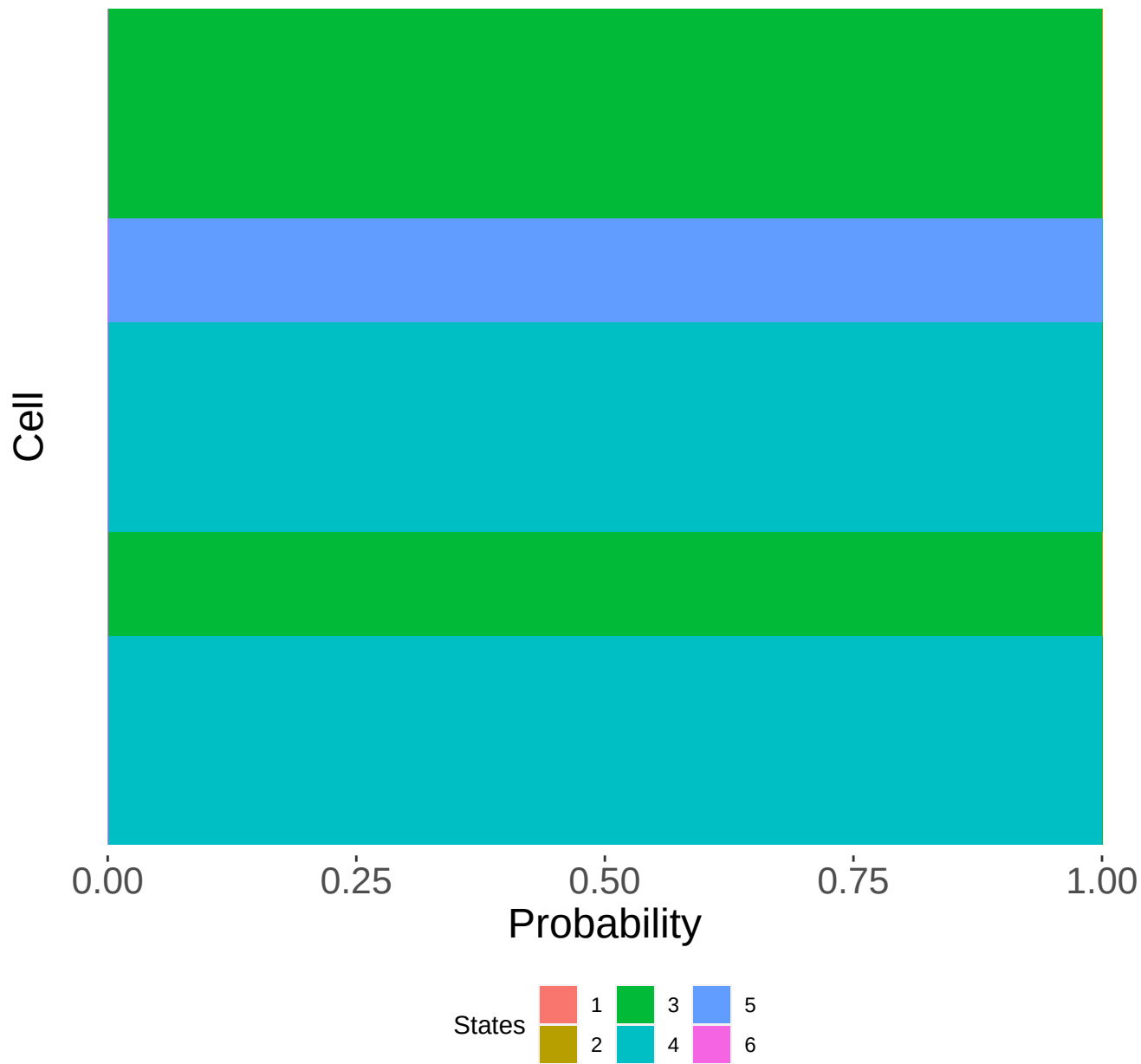
chr16-region_2522



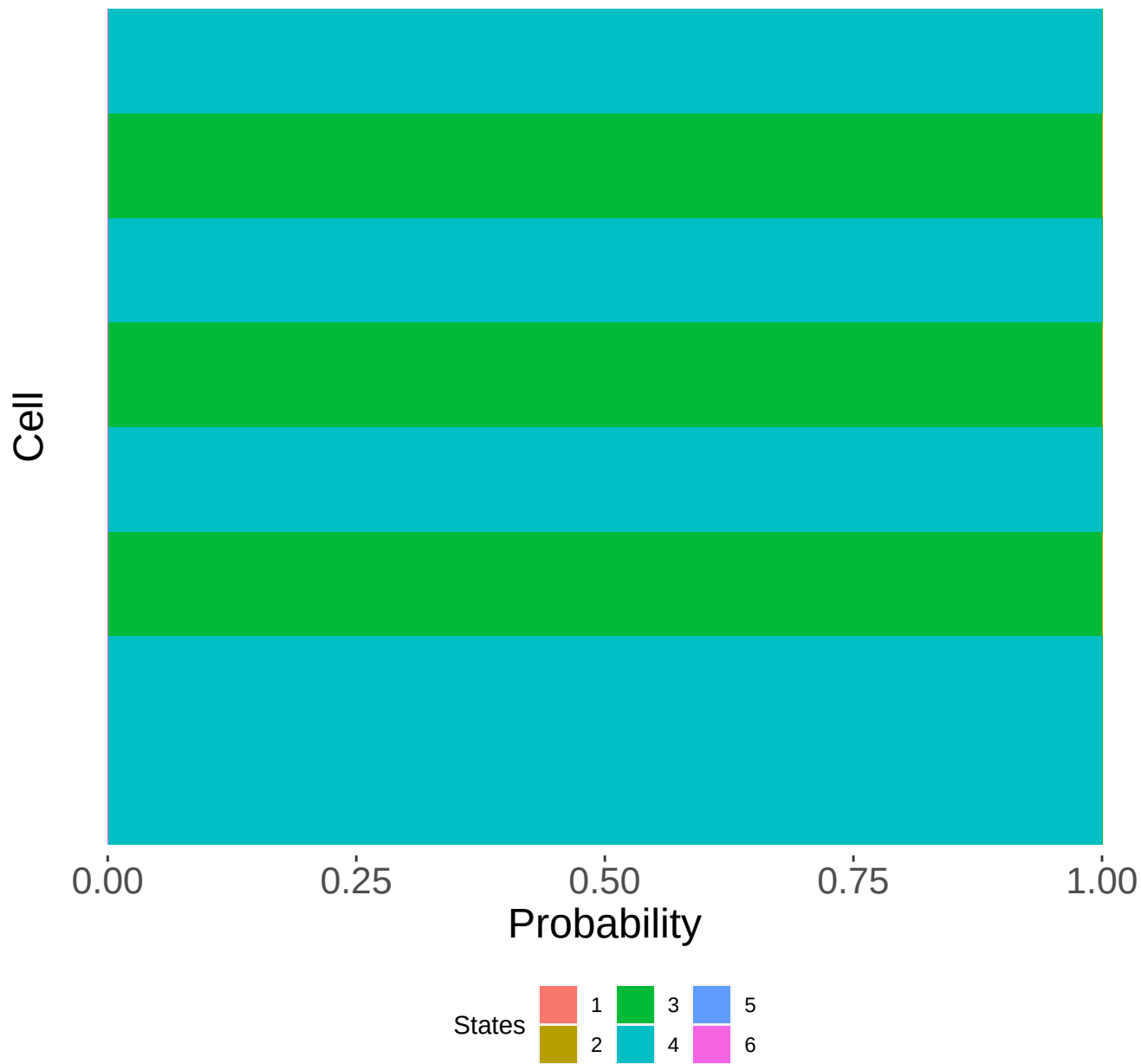
chr1-region_2526



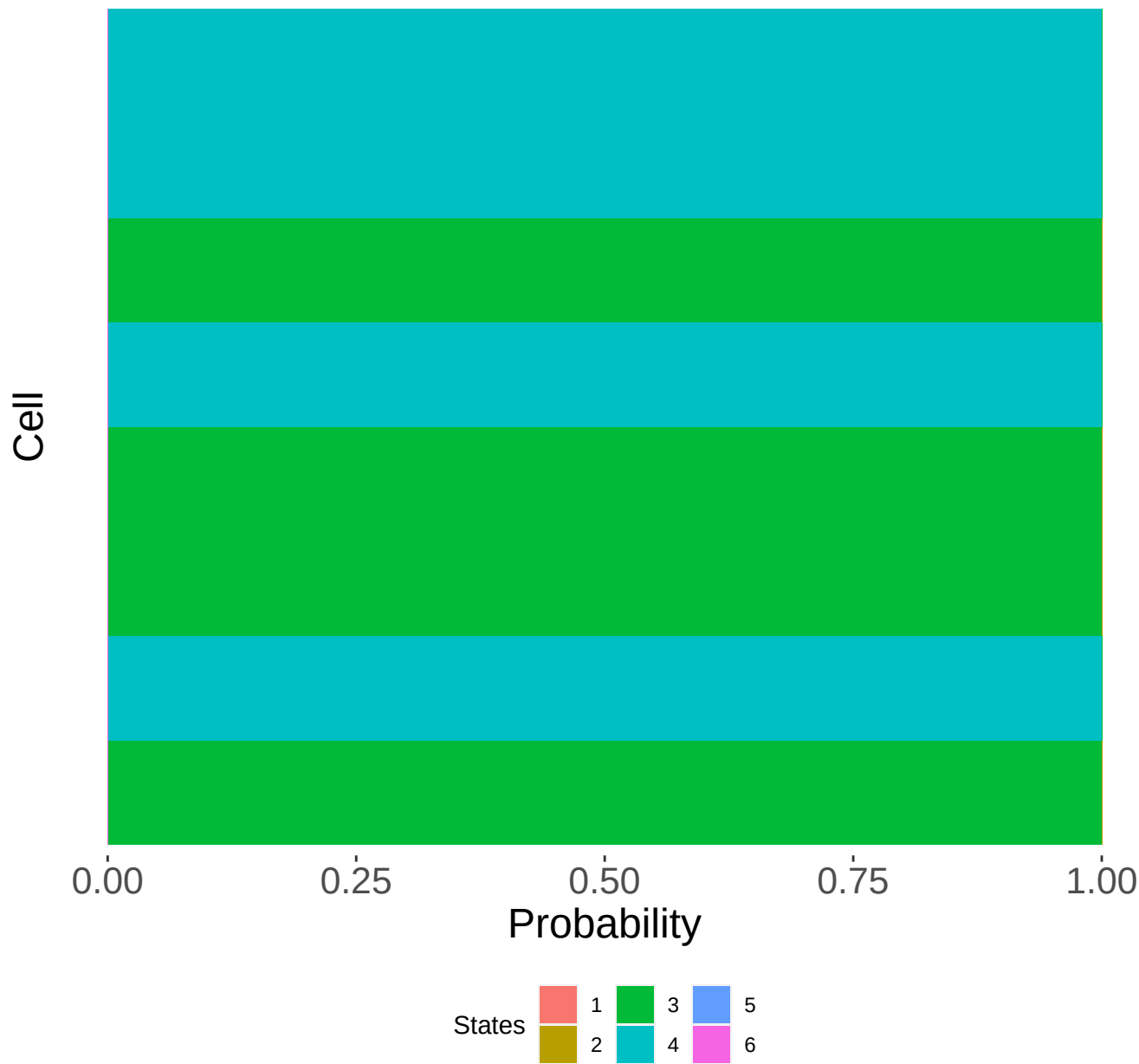
chr5-region_2531



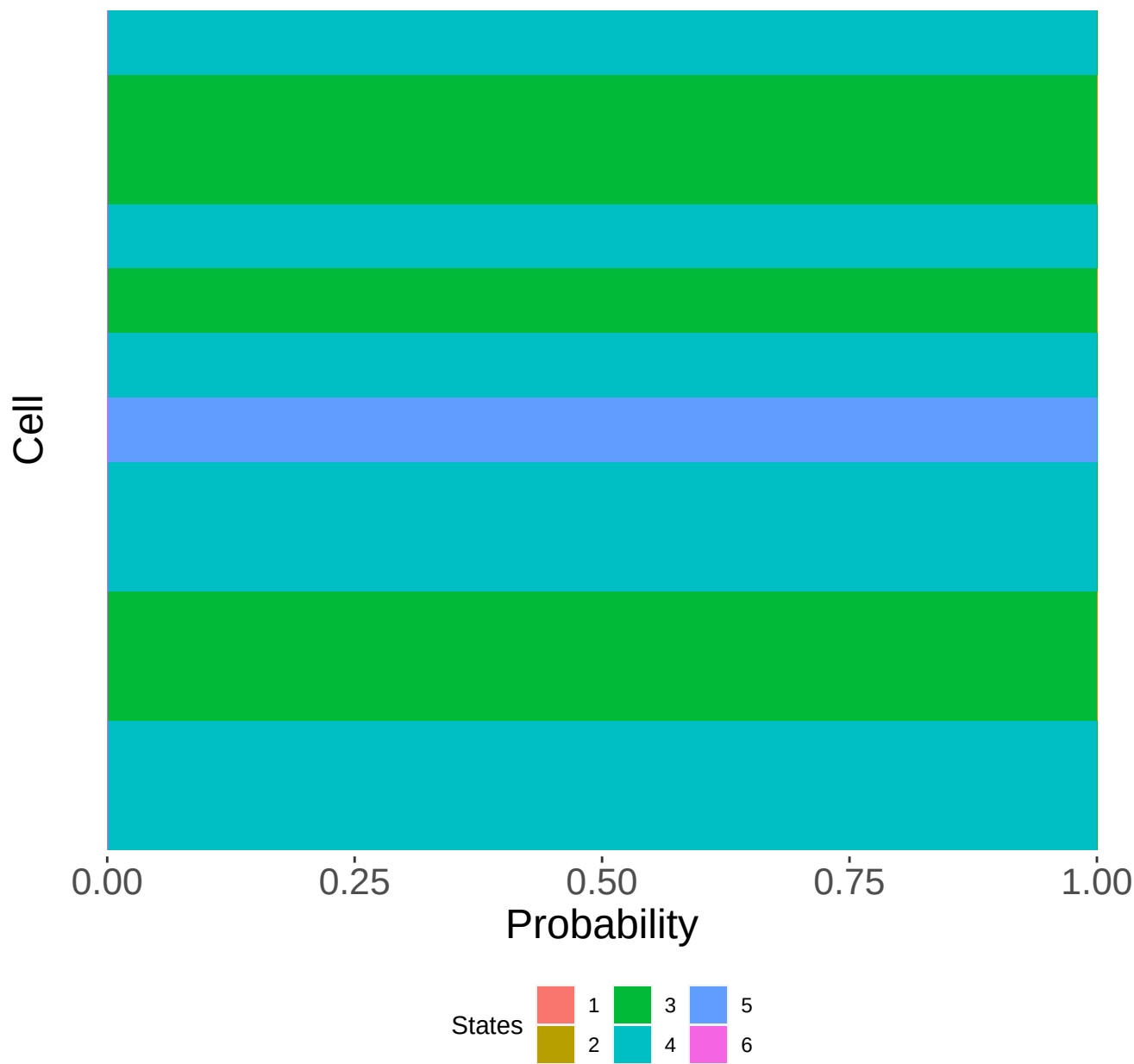
chr12-region_2540



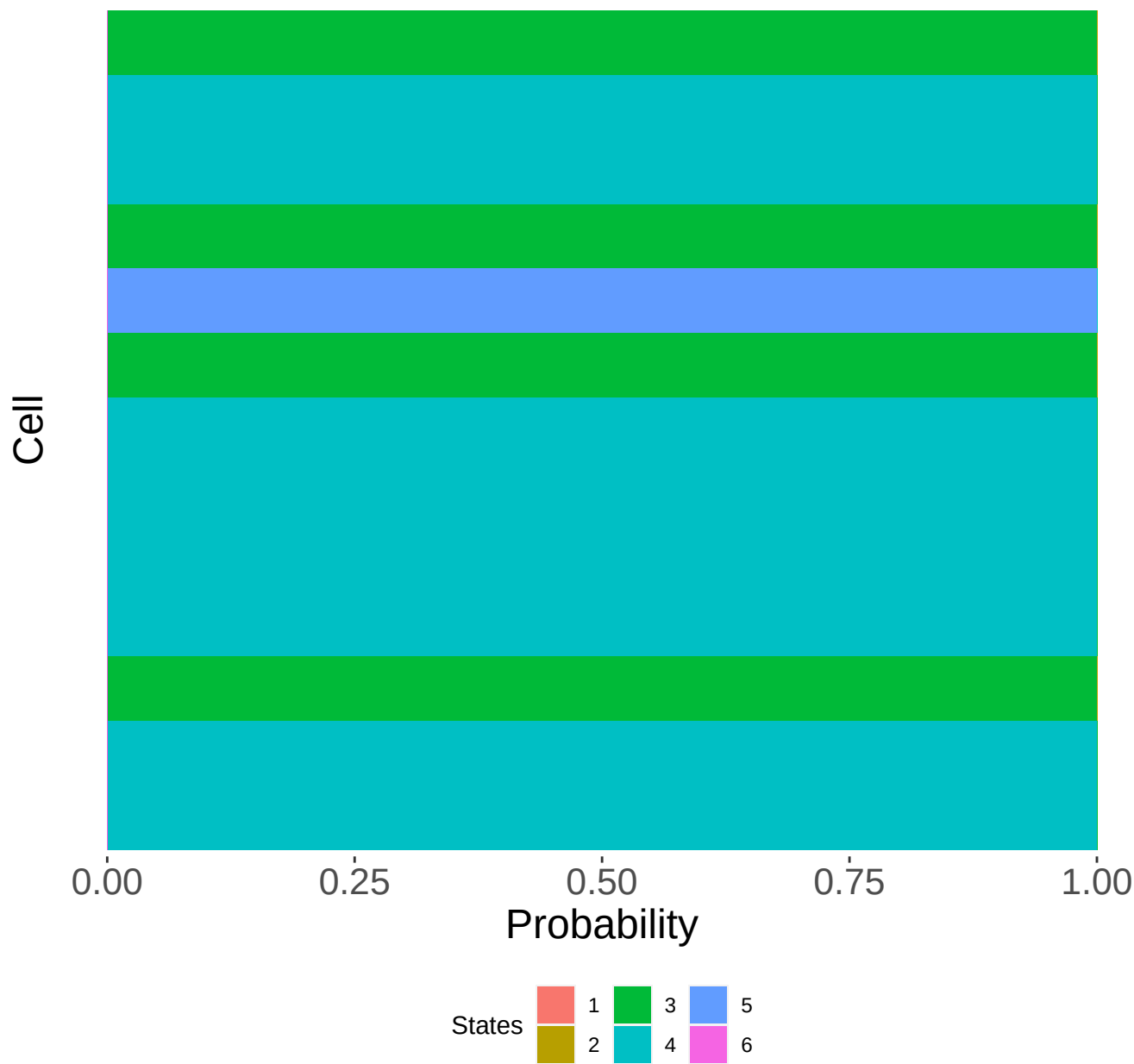
chr17-region_2547



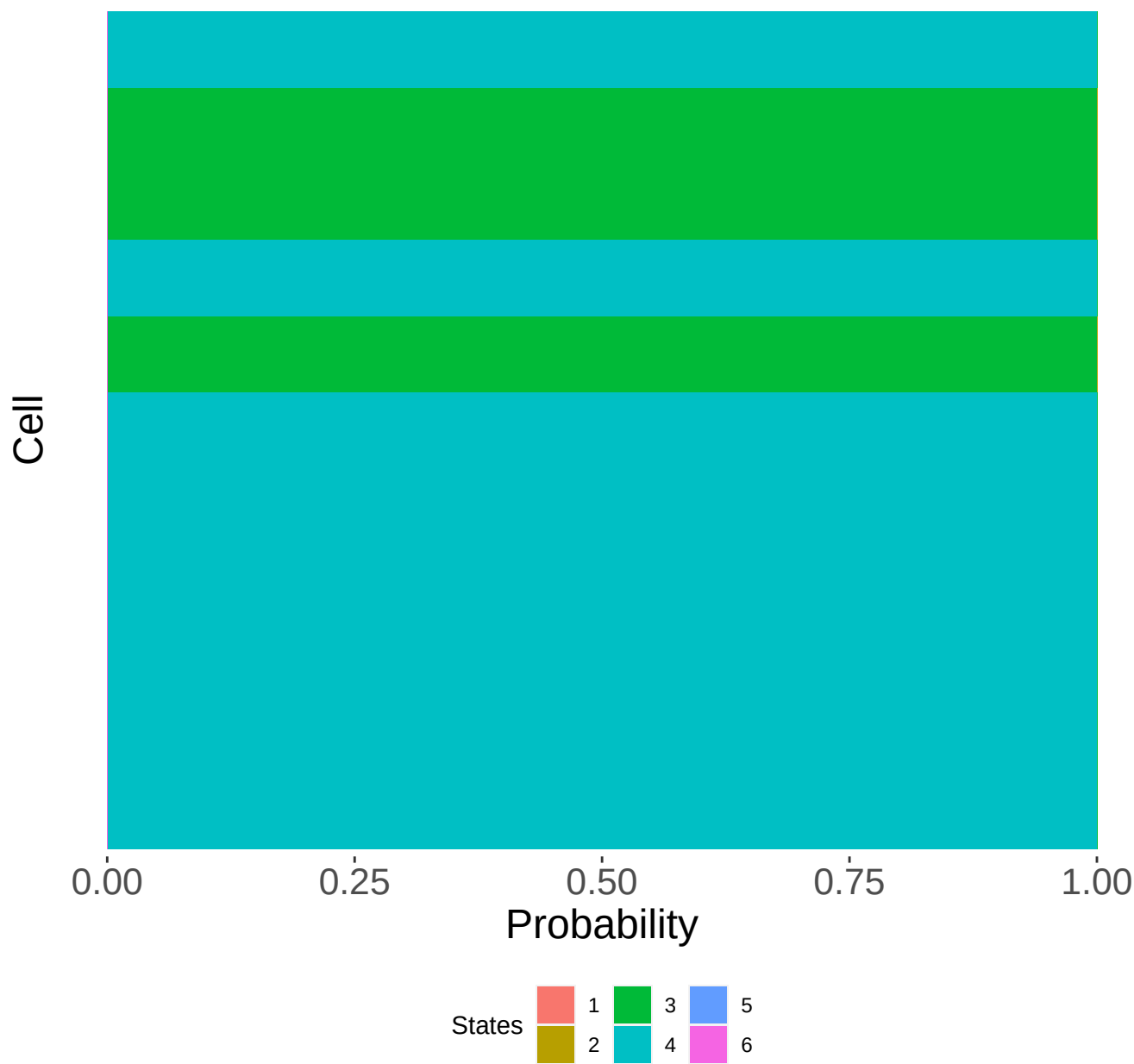
chr14-region_2582



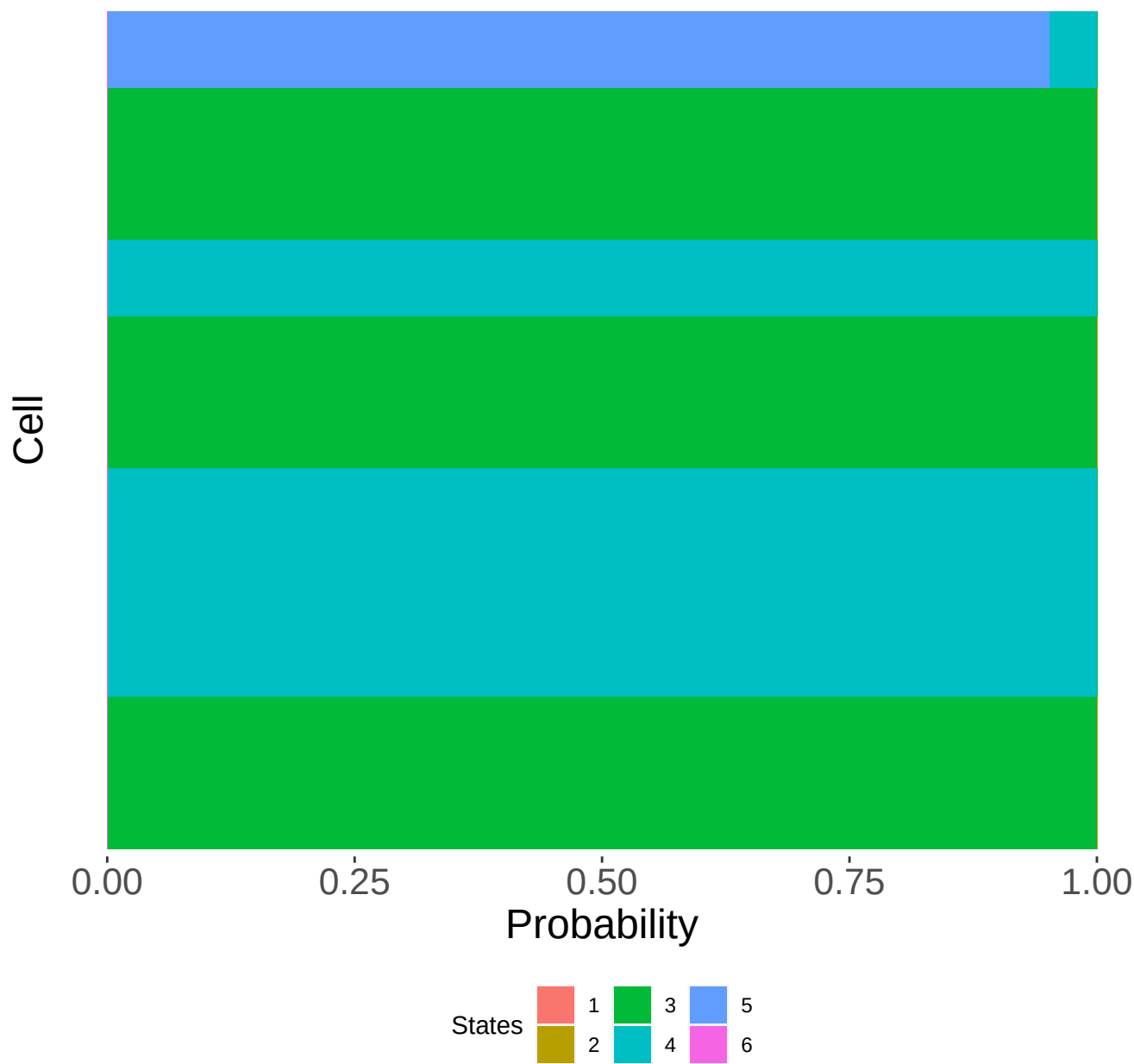
chr16-region_2586



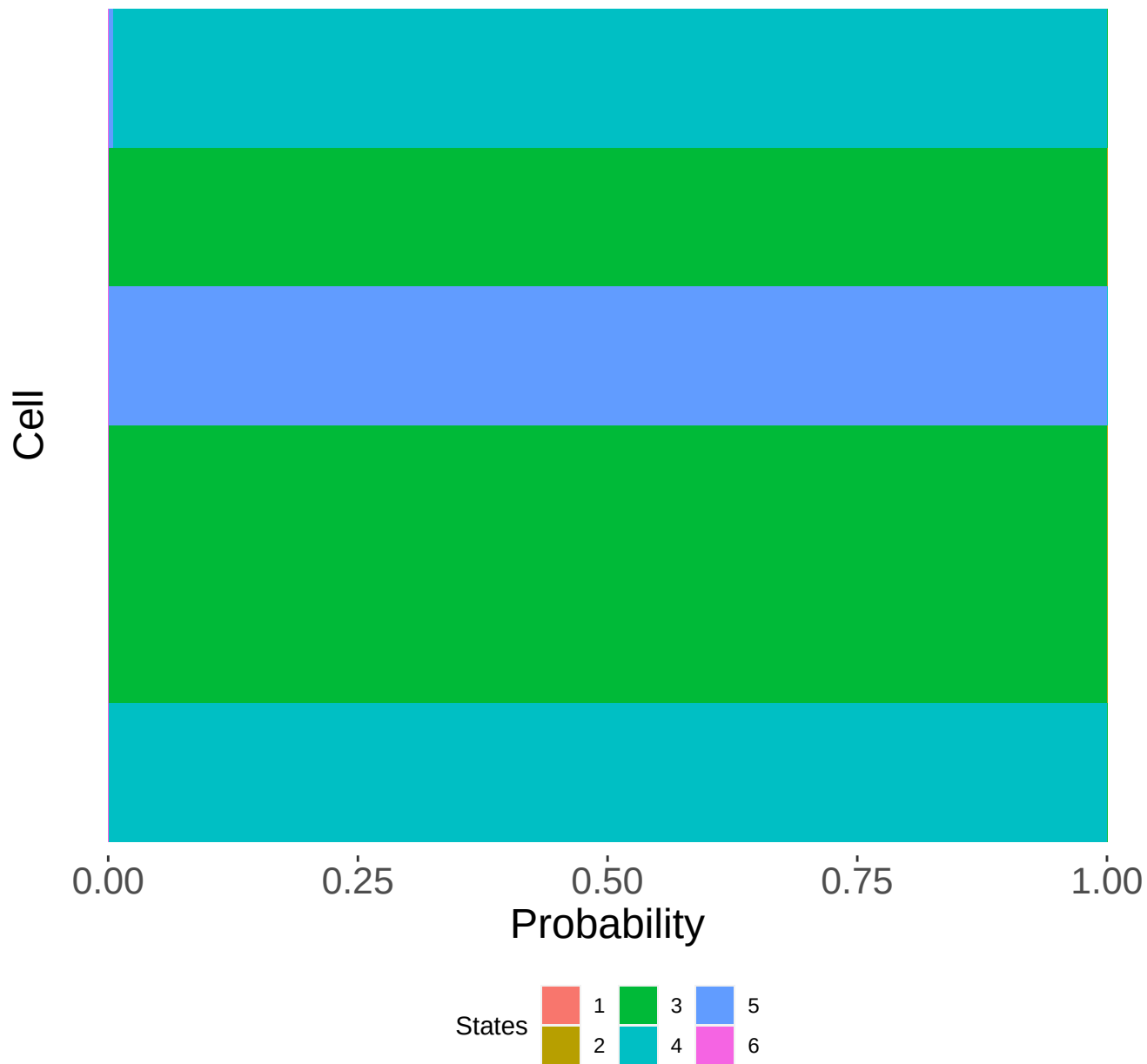
chr8-region_2597



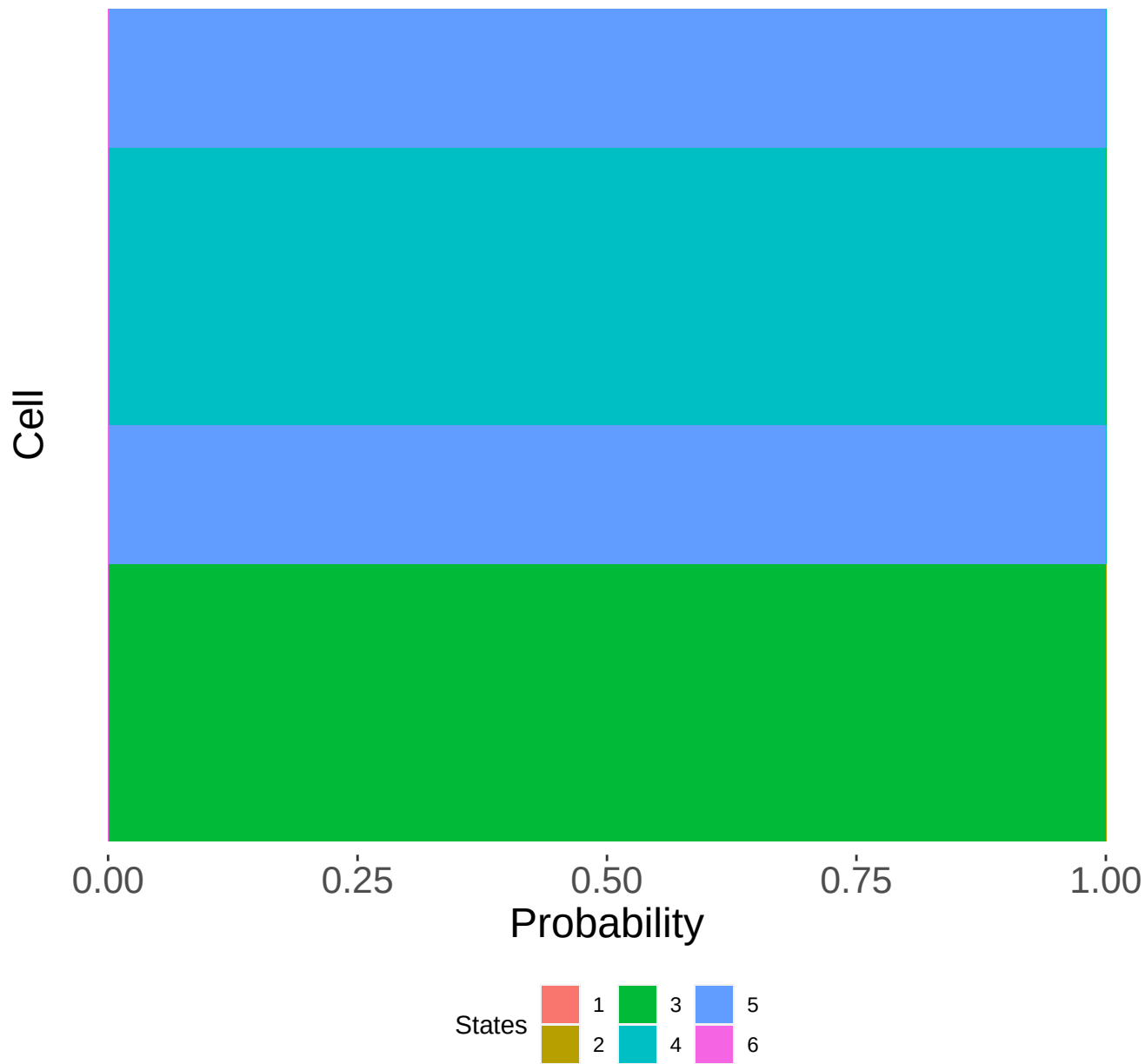
chr12-region_2640



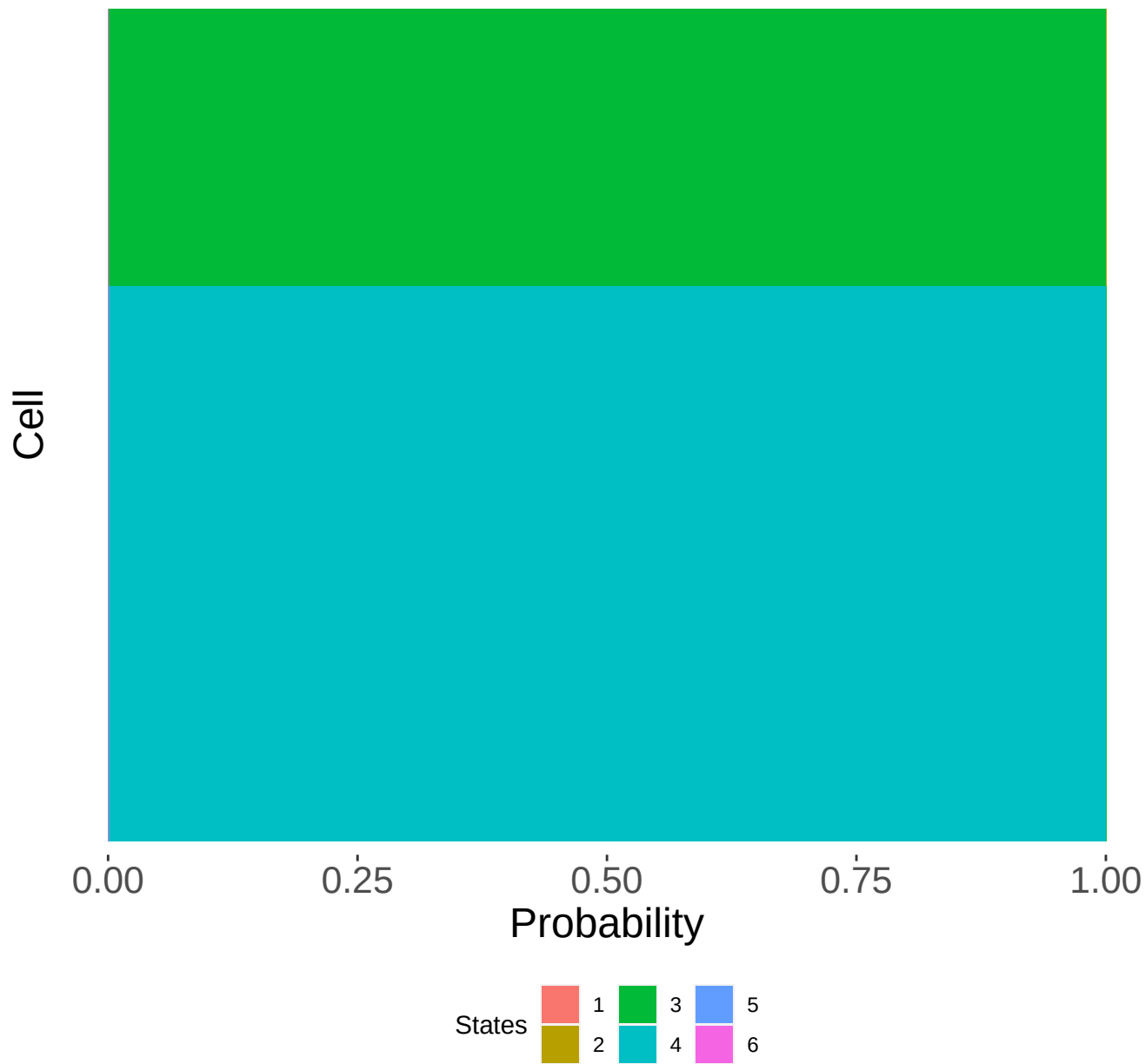
chr10-region_2716



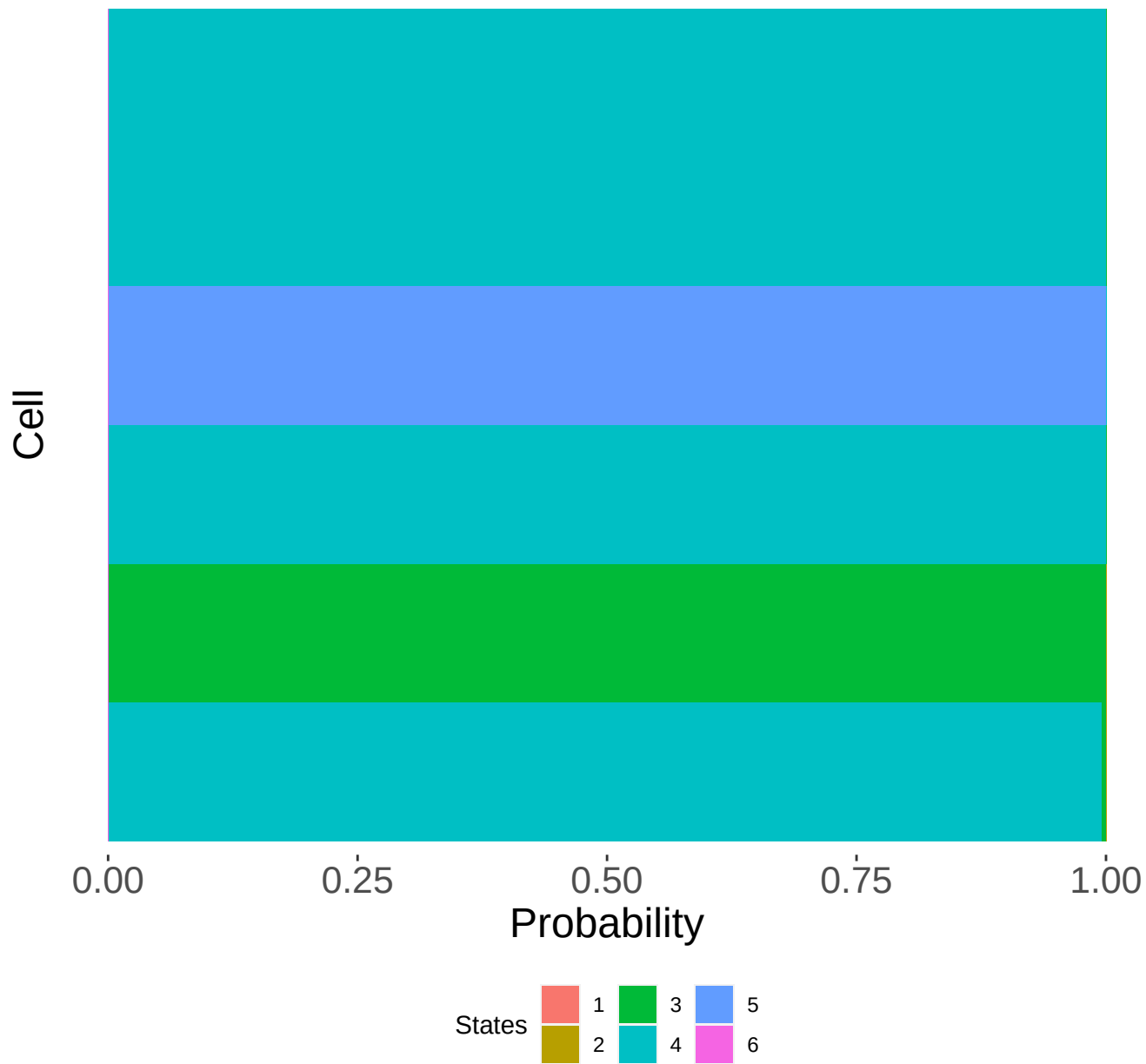
chr12-region_2718



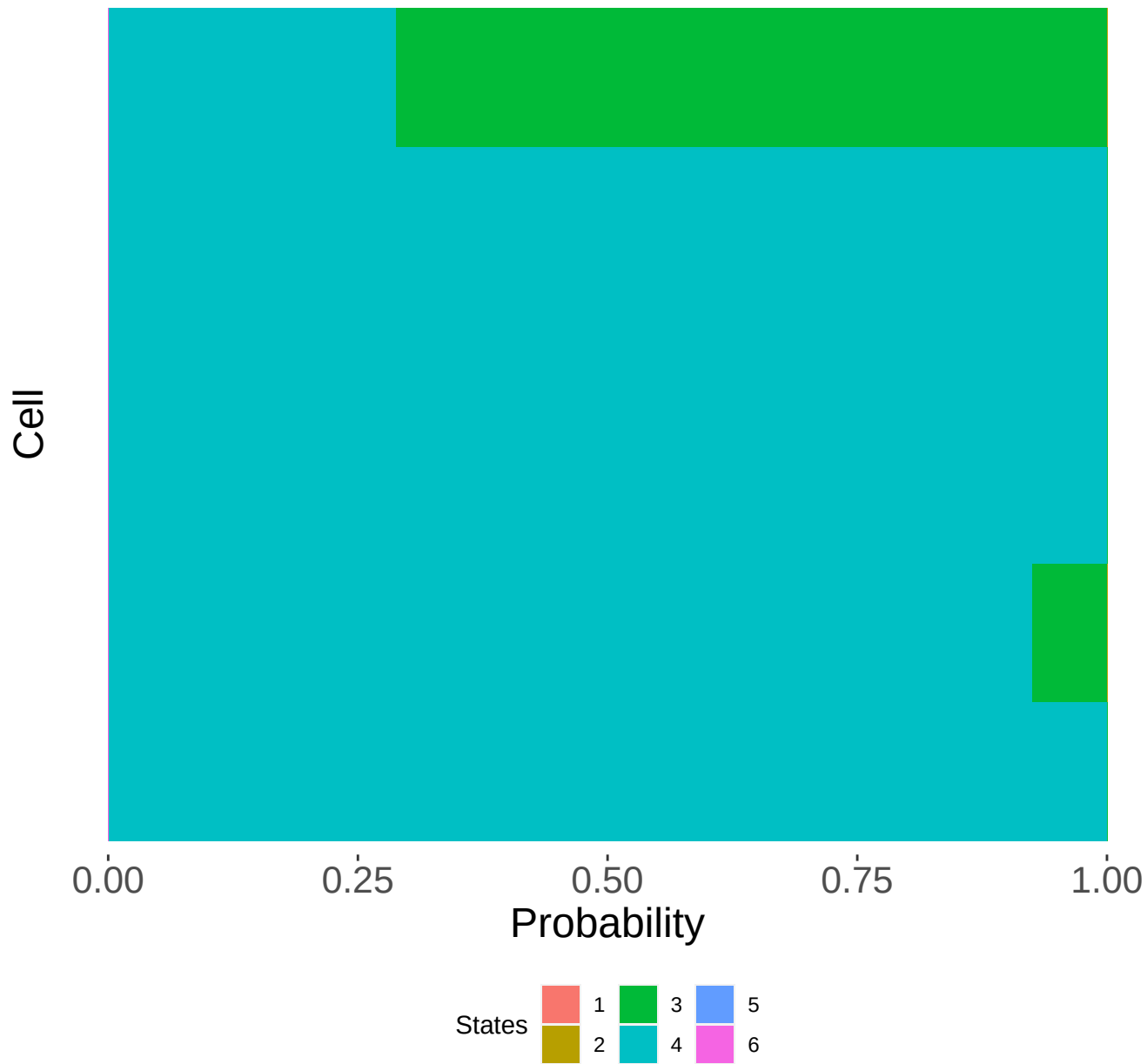
chr12-region_2720



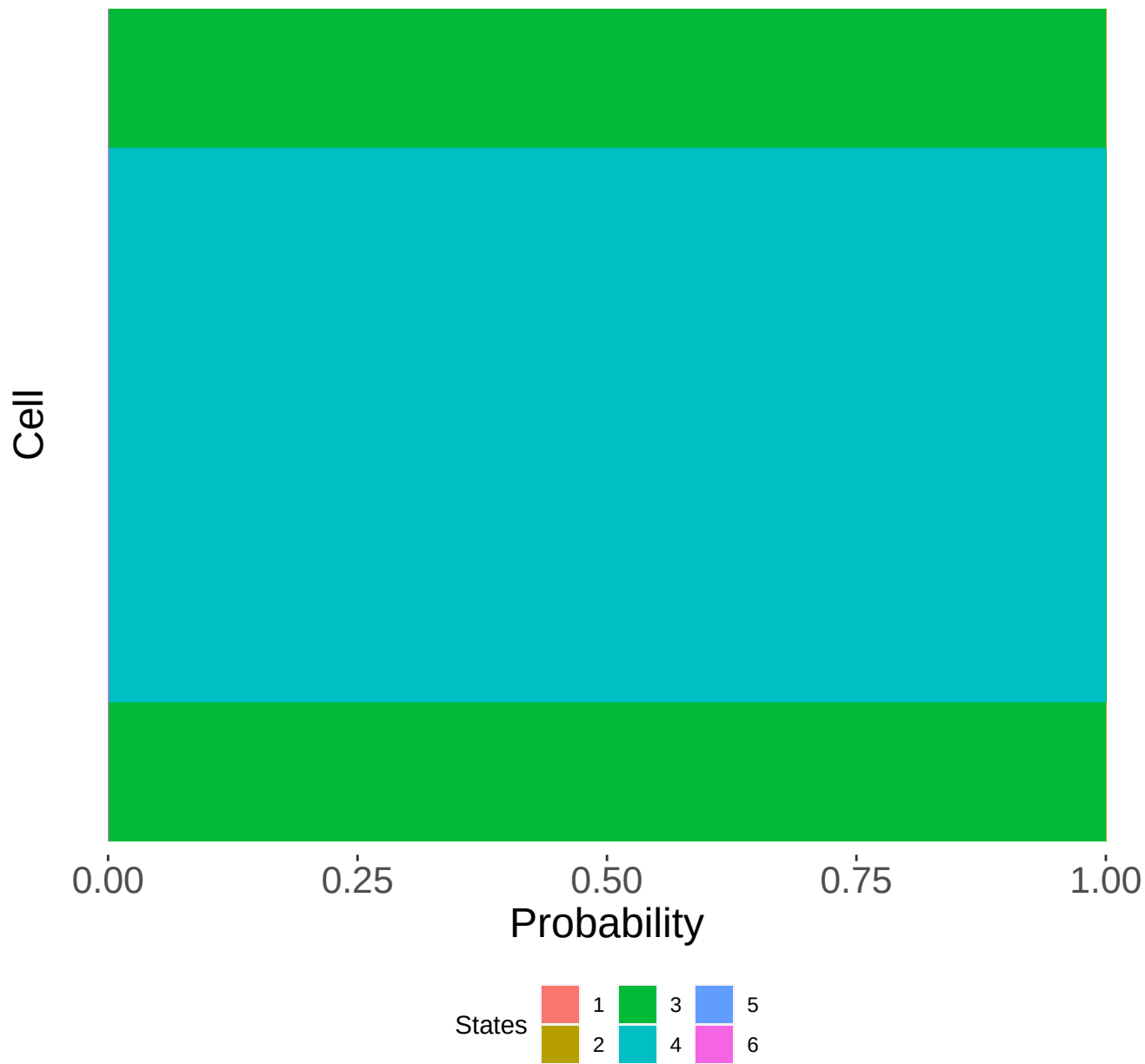
chr18-region_2728



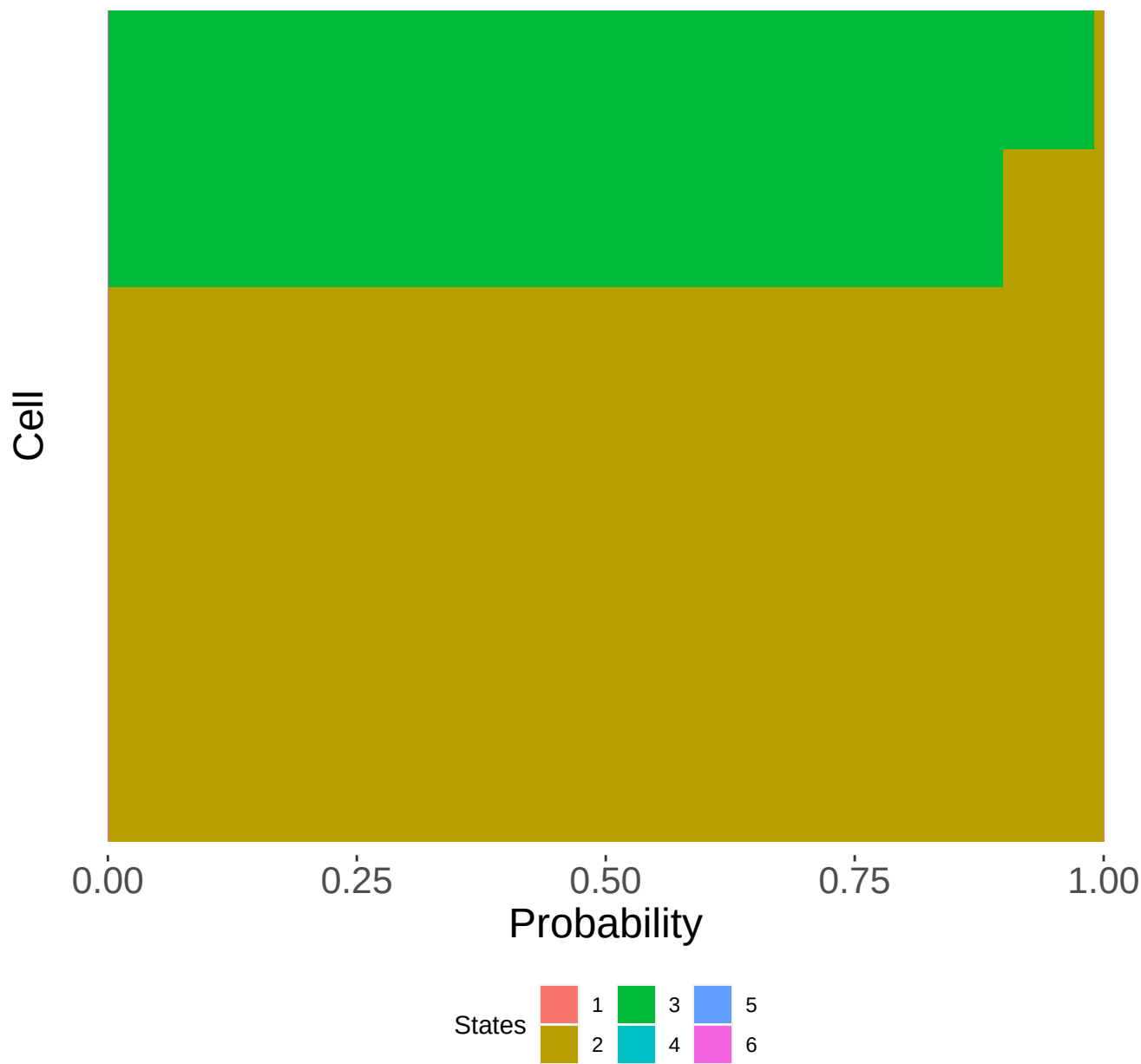
chr1-region_2750



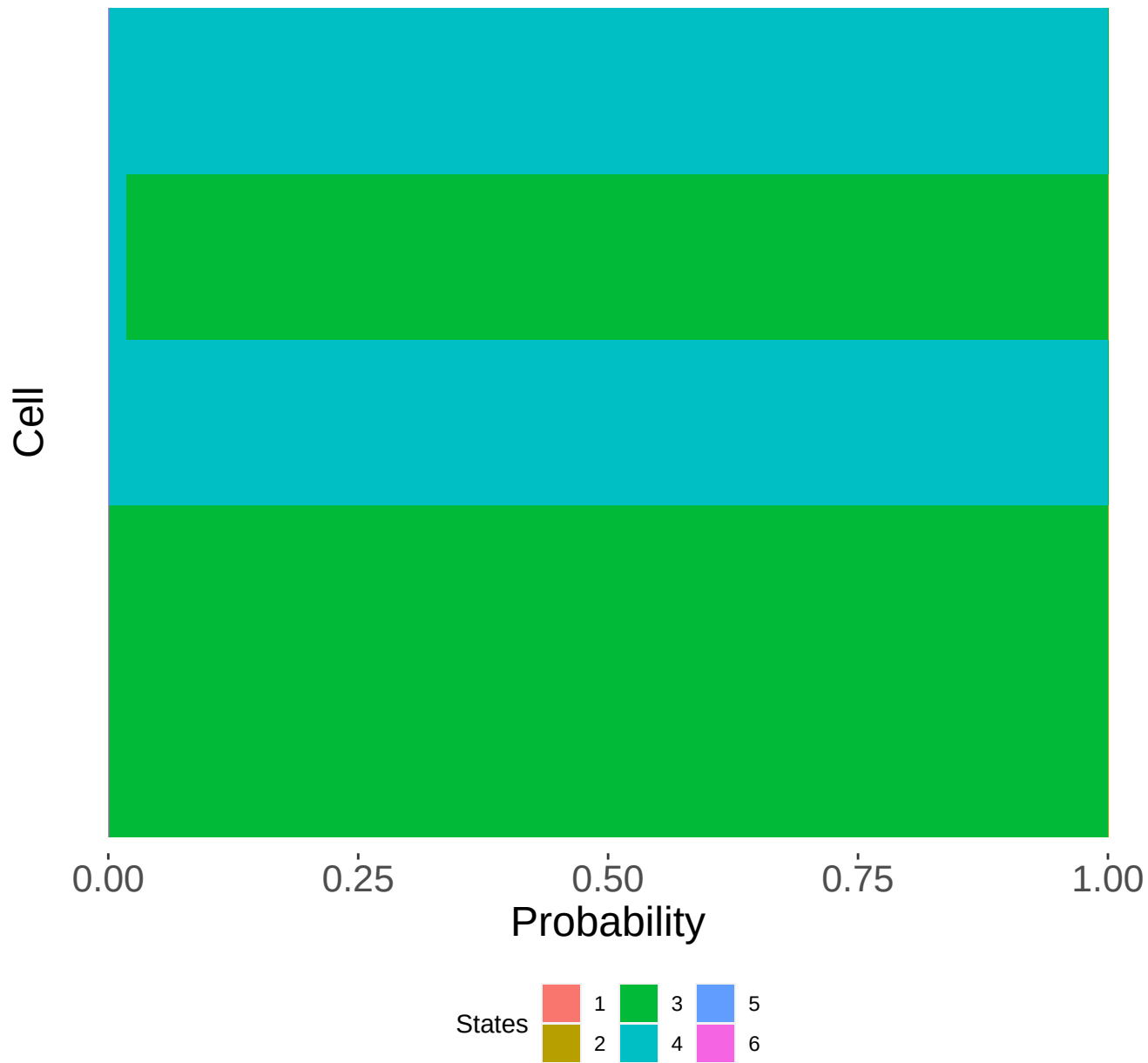
chr2-region_2752



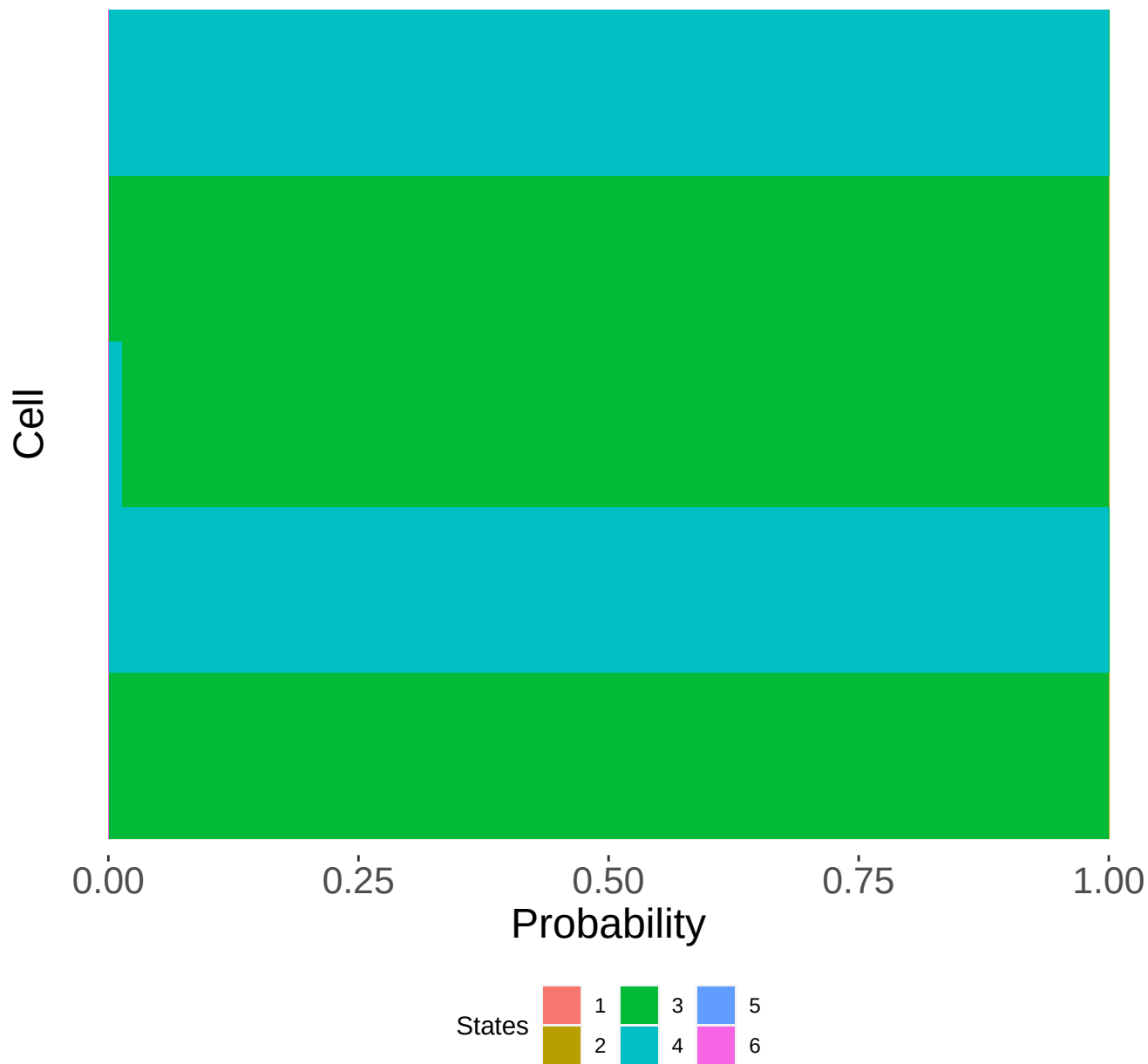
chr15-region_2767



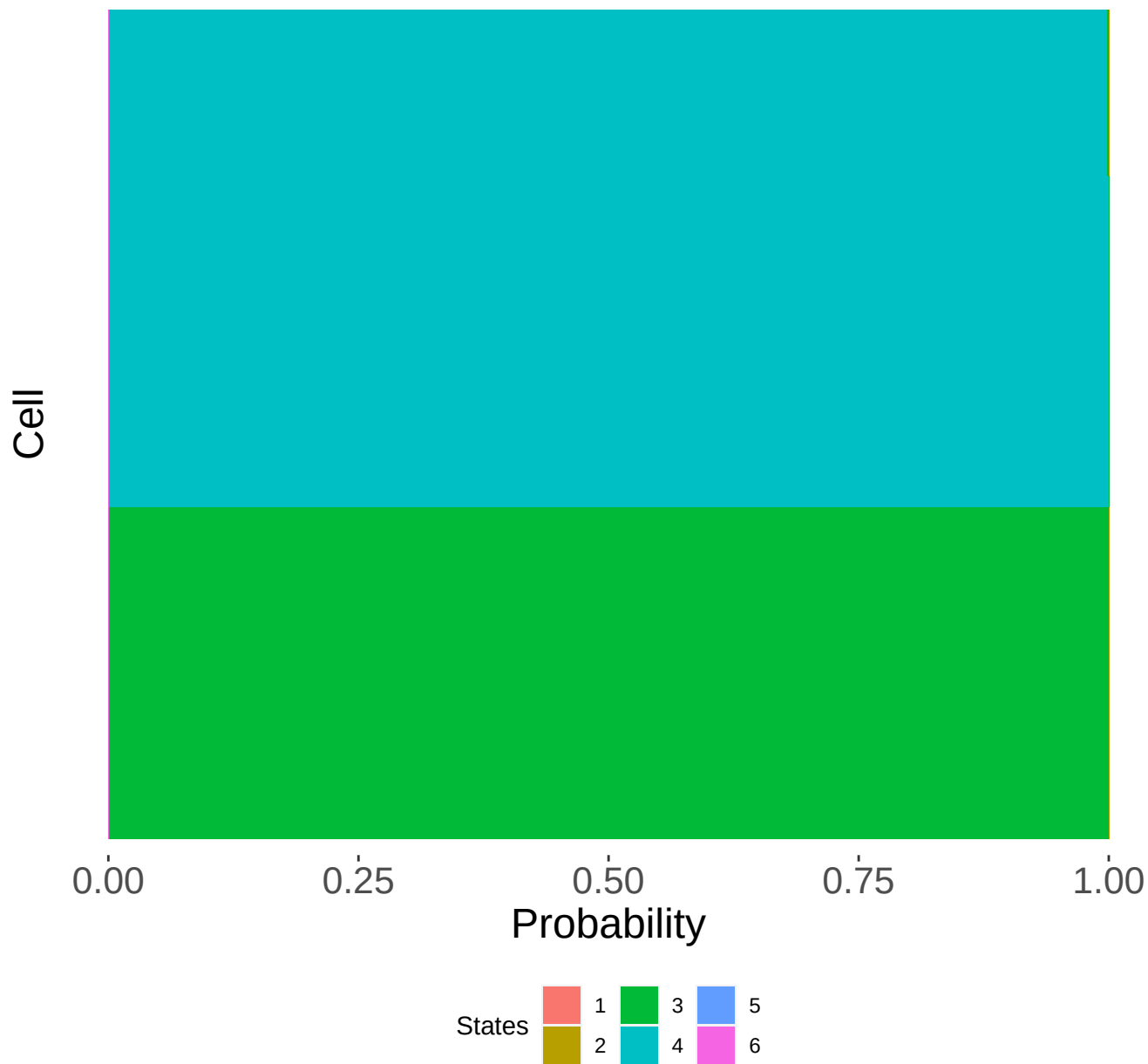
chr3-region_2794



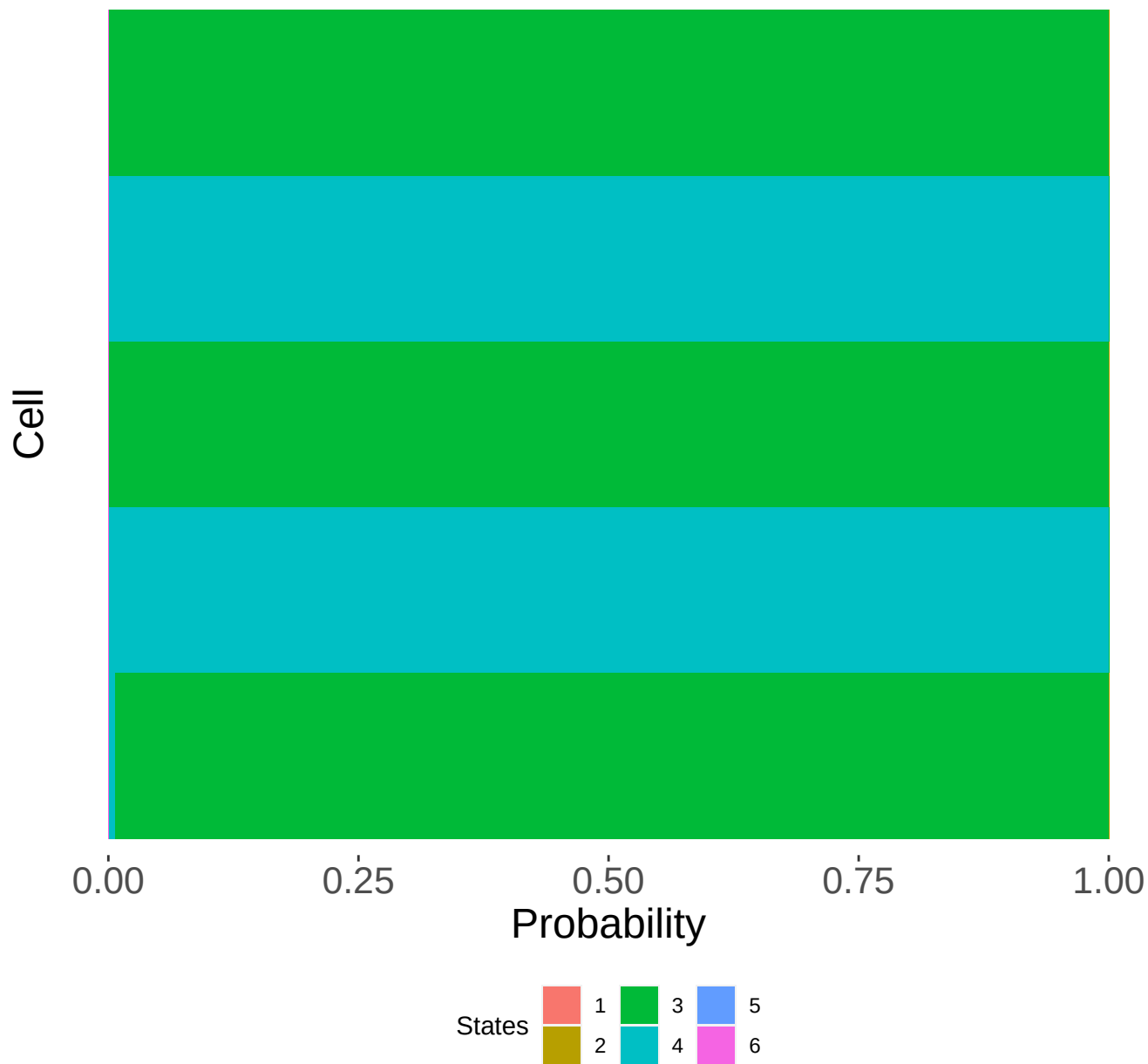
chr5-region_2797



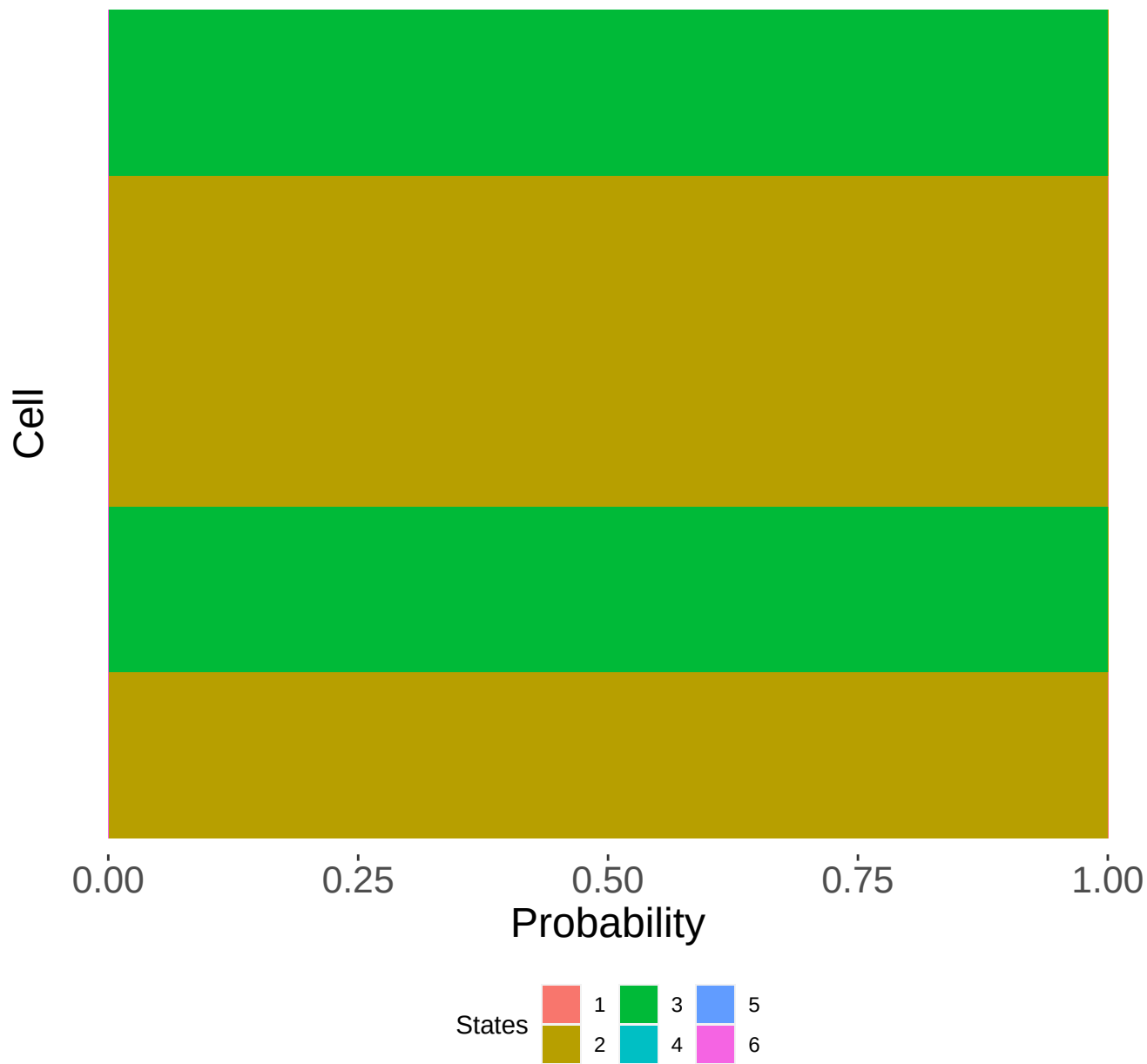
chr6-region_2799



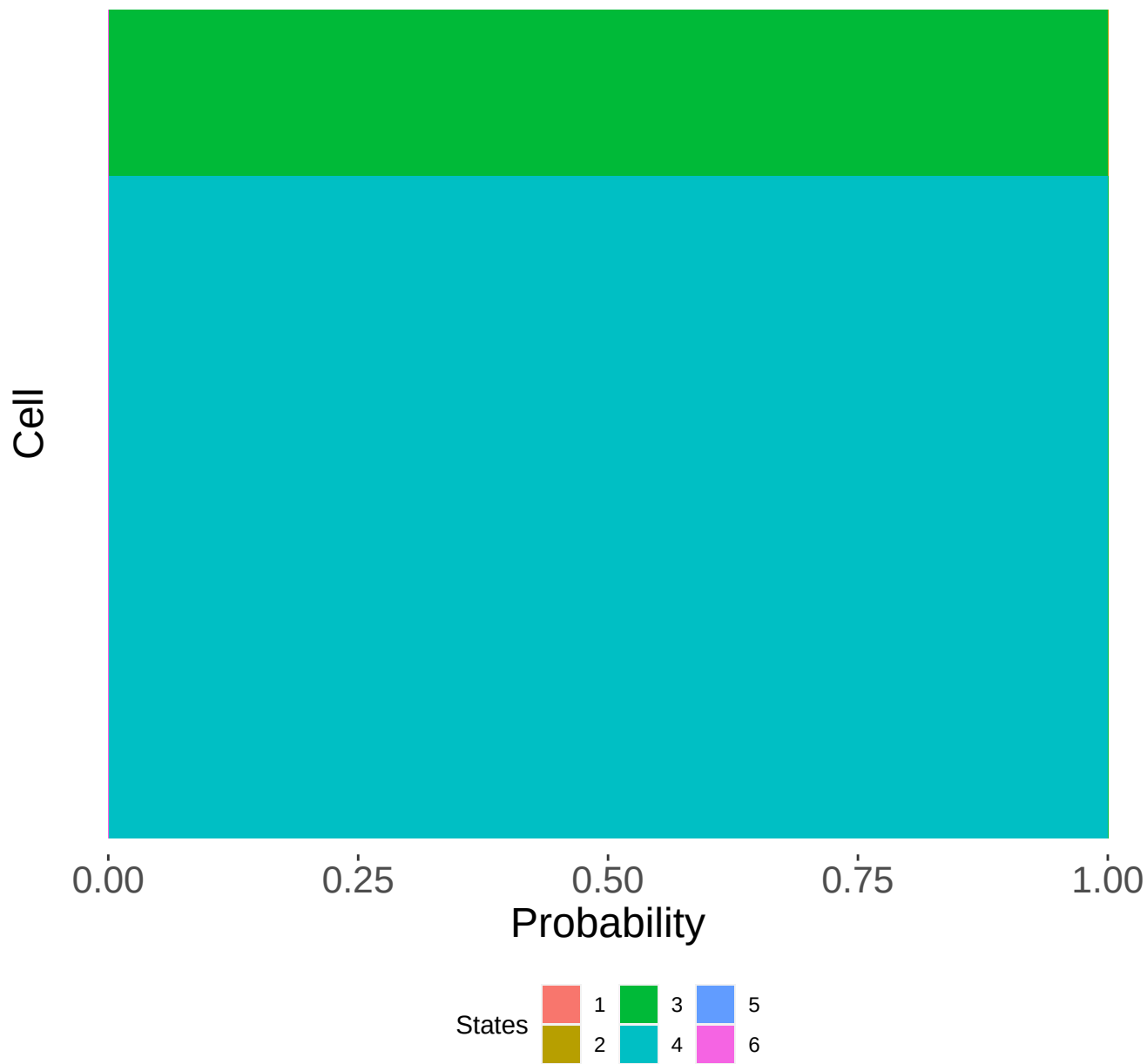
chr6-region_2801



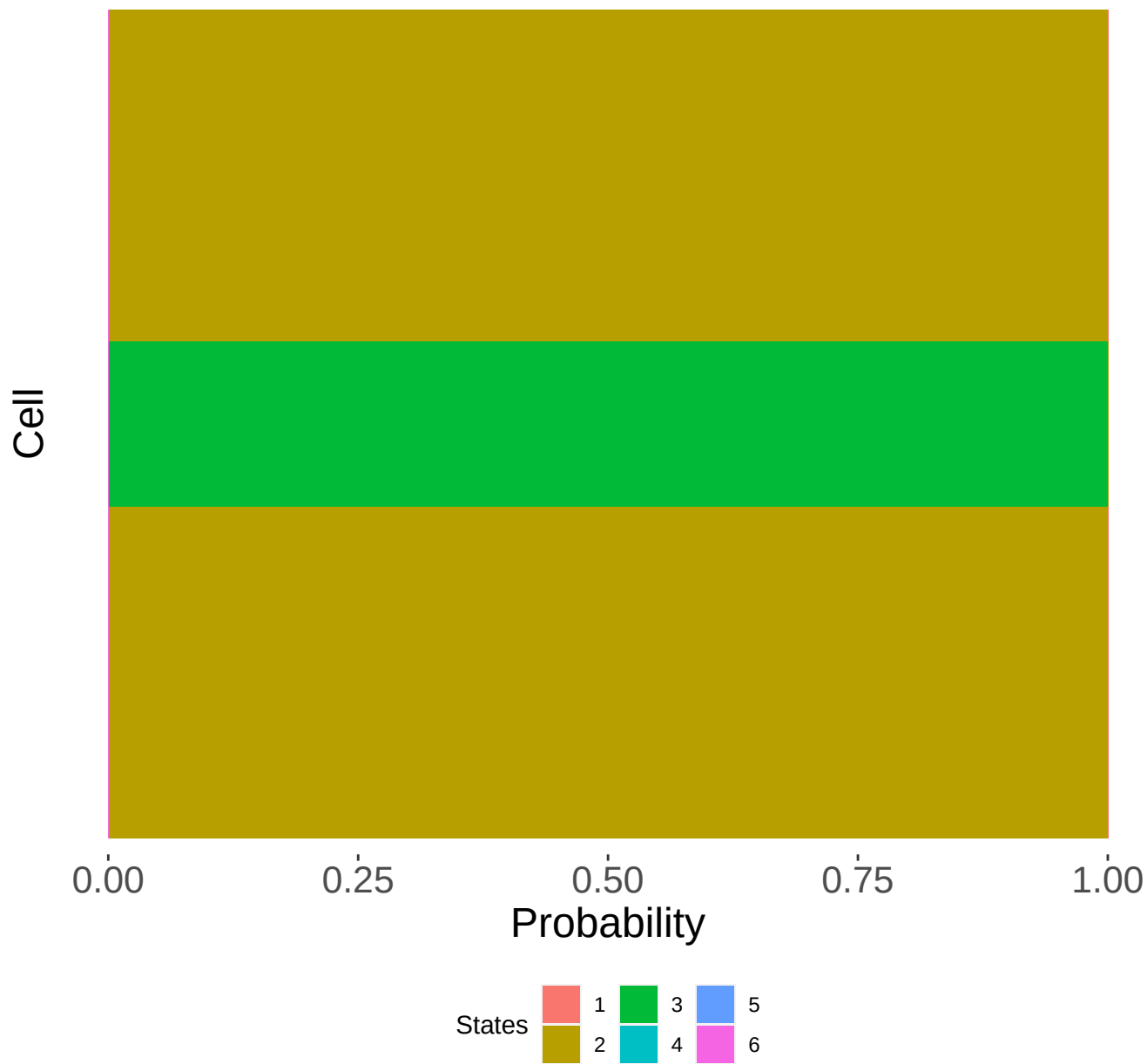
chr11-region_2808



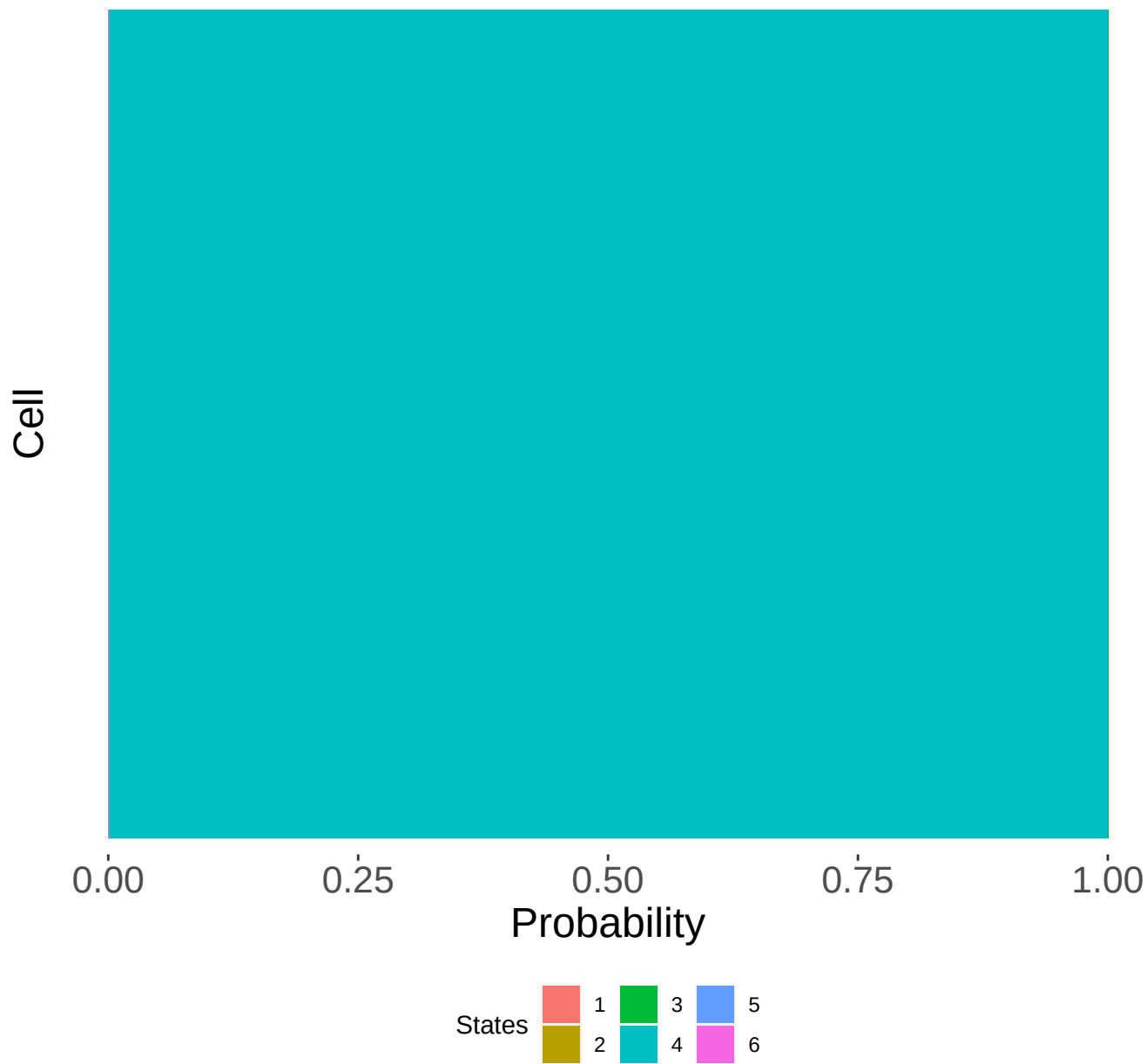
chr13-region_2811



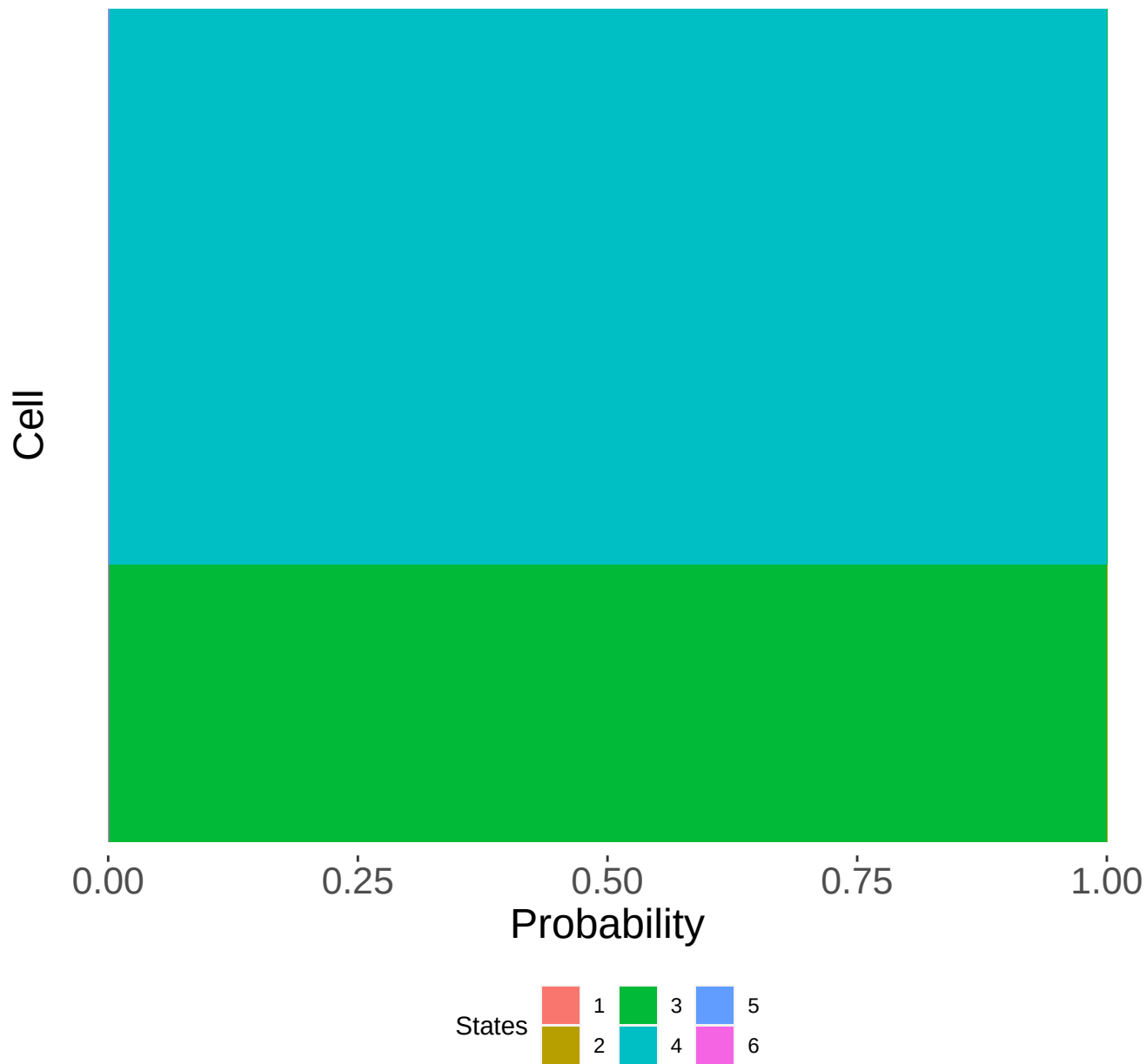
chr14-region_2812



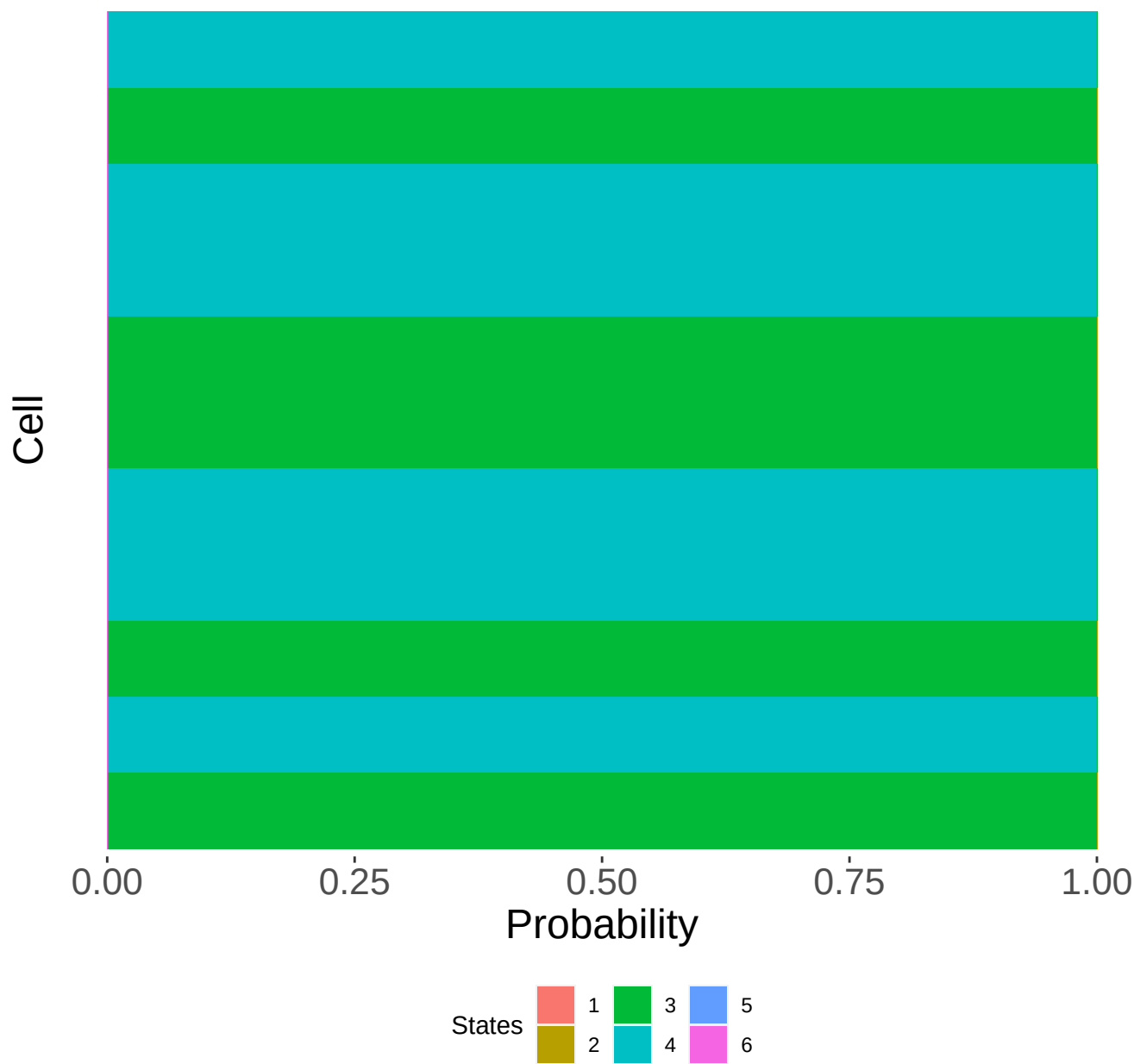
chr15-region_2815



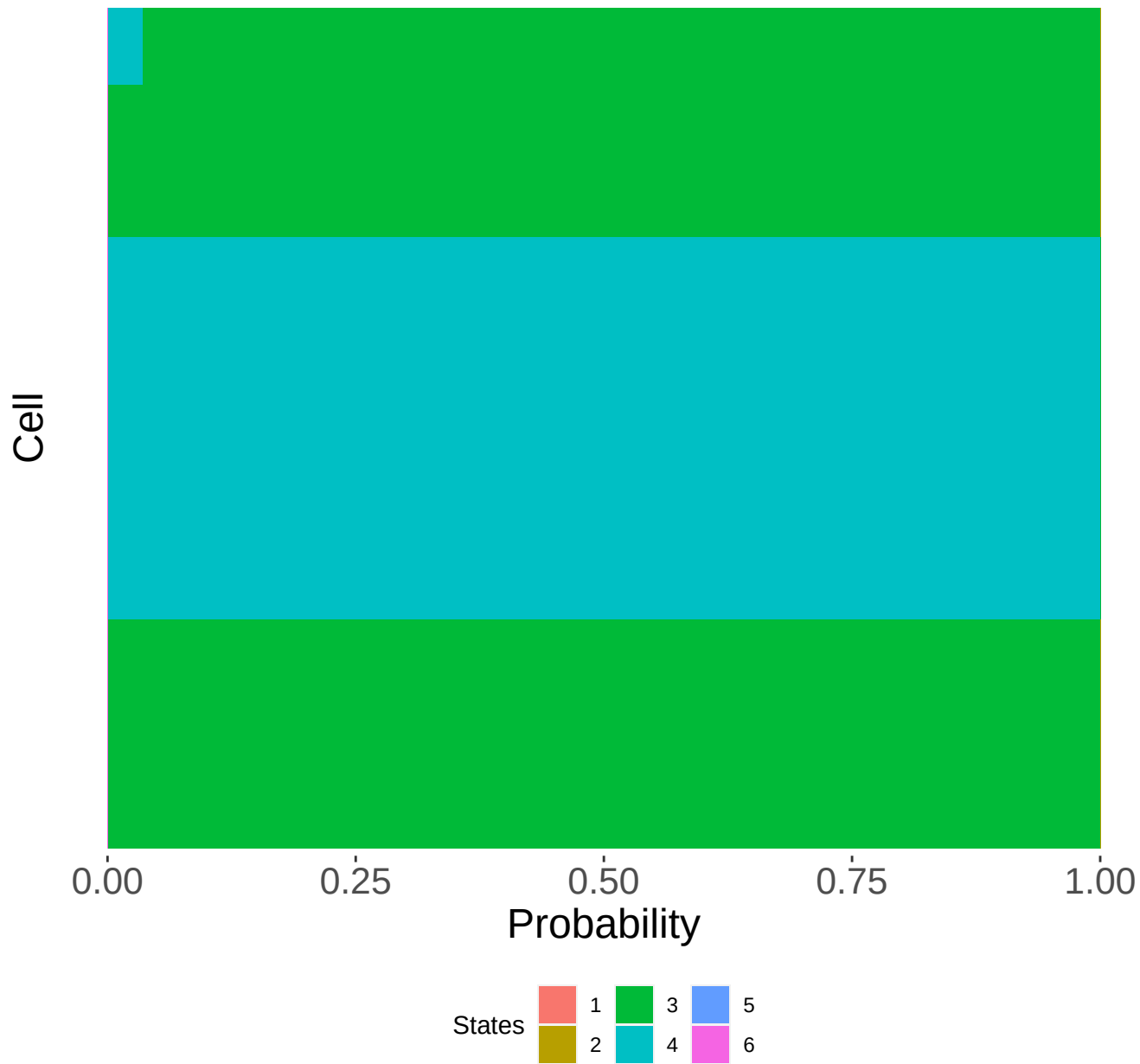
chr19-region_2859



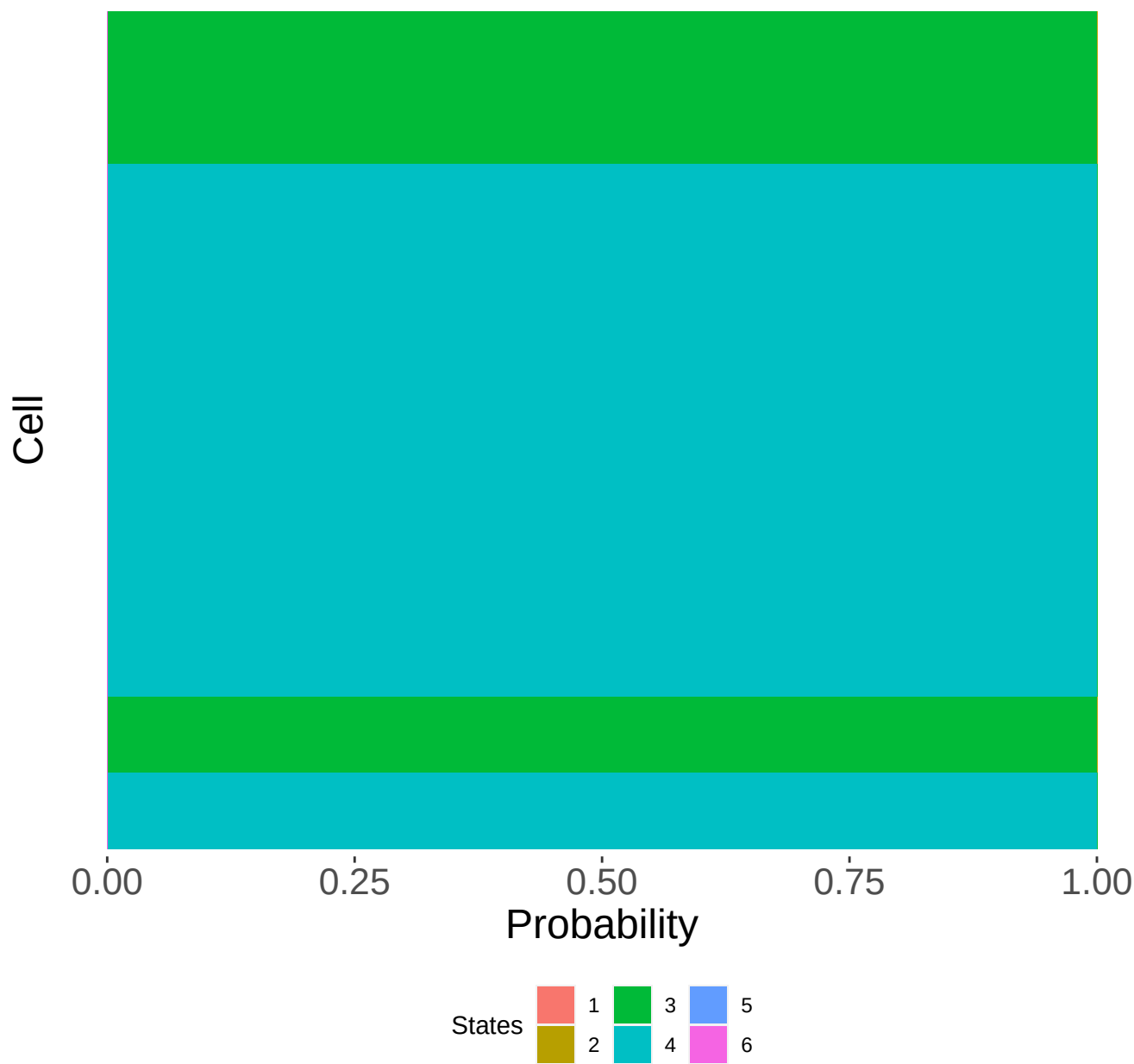
chr5-region_2865



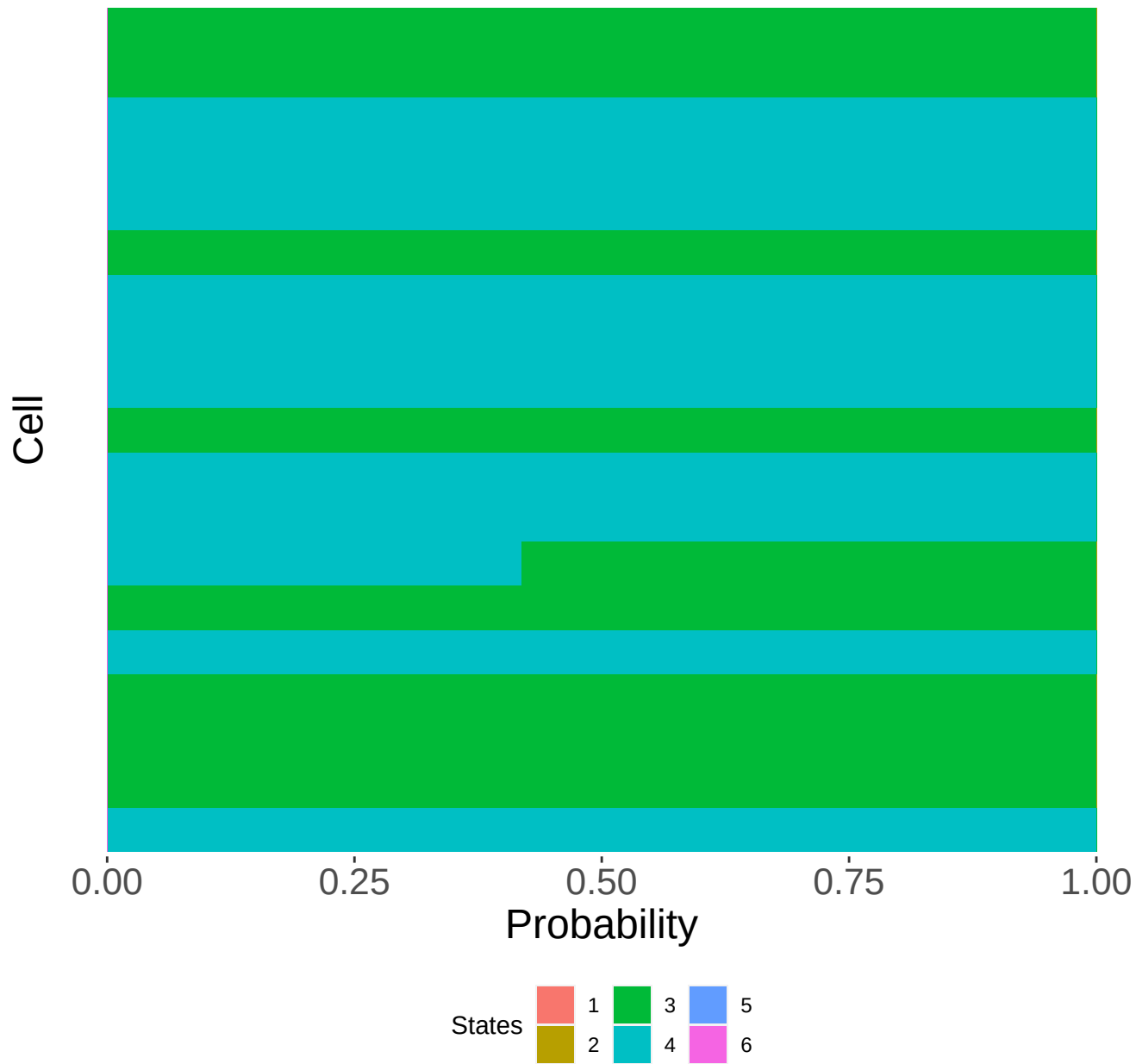
chr9-region_2871



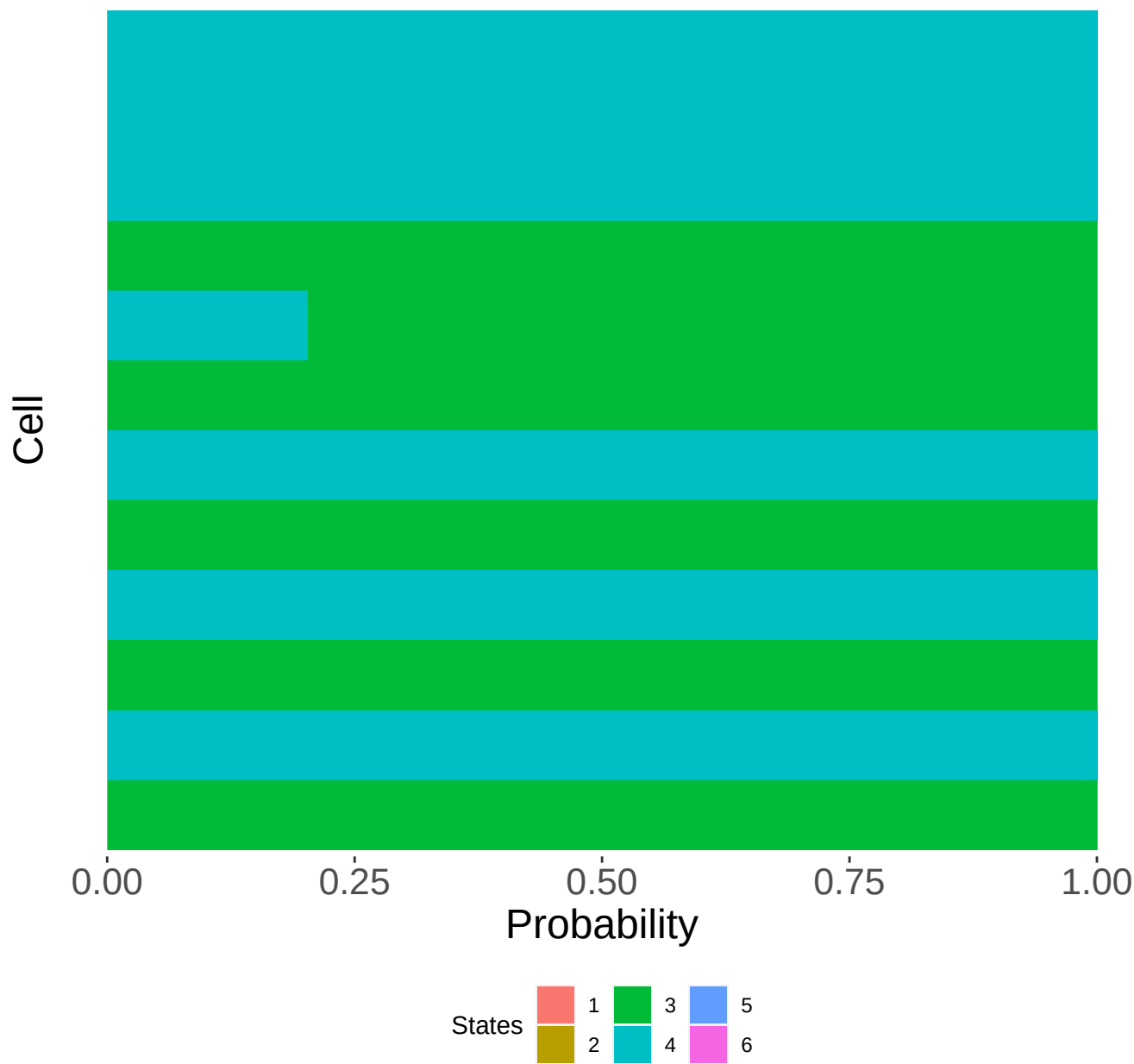
chr17-region_2880



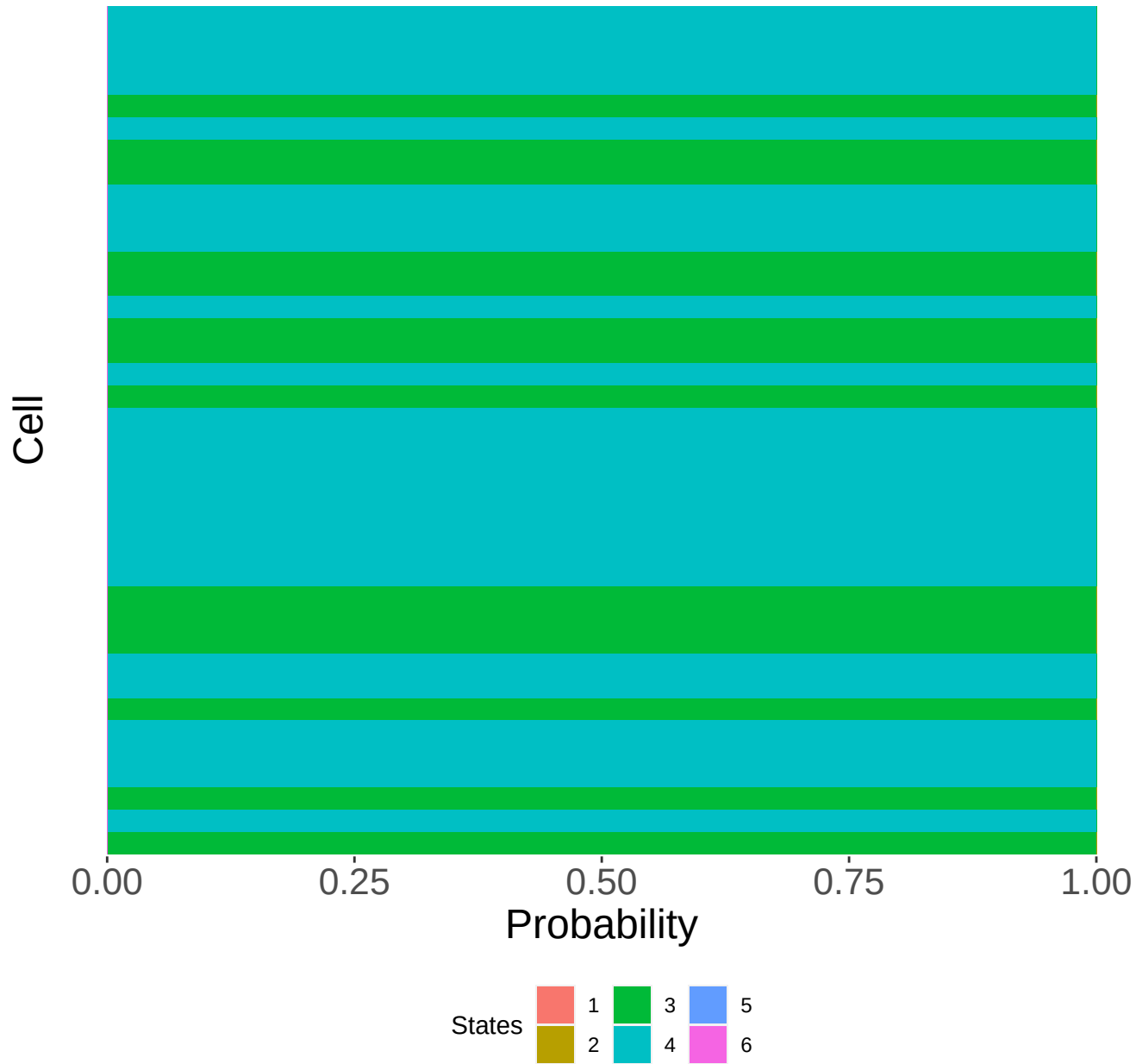
chr13-region_2896



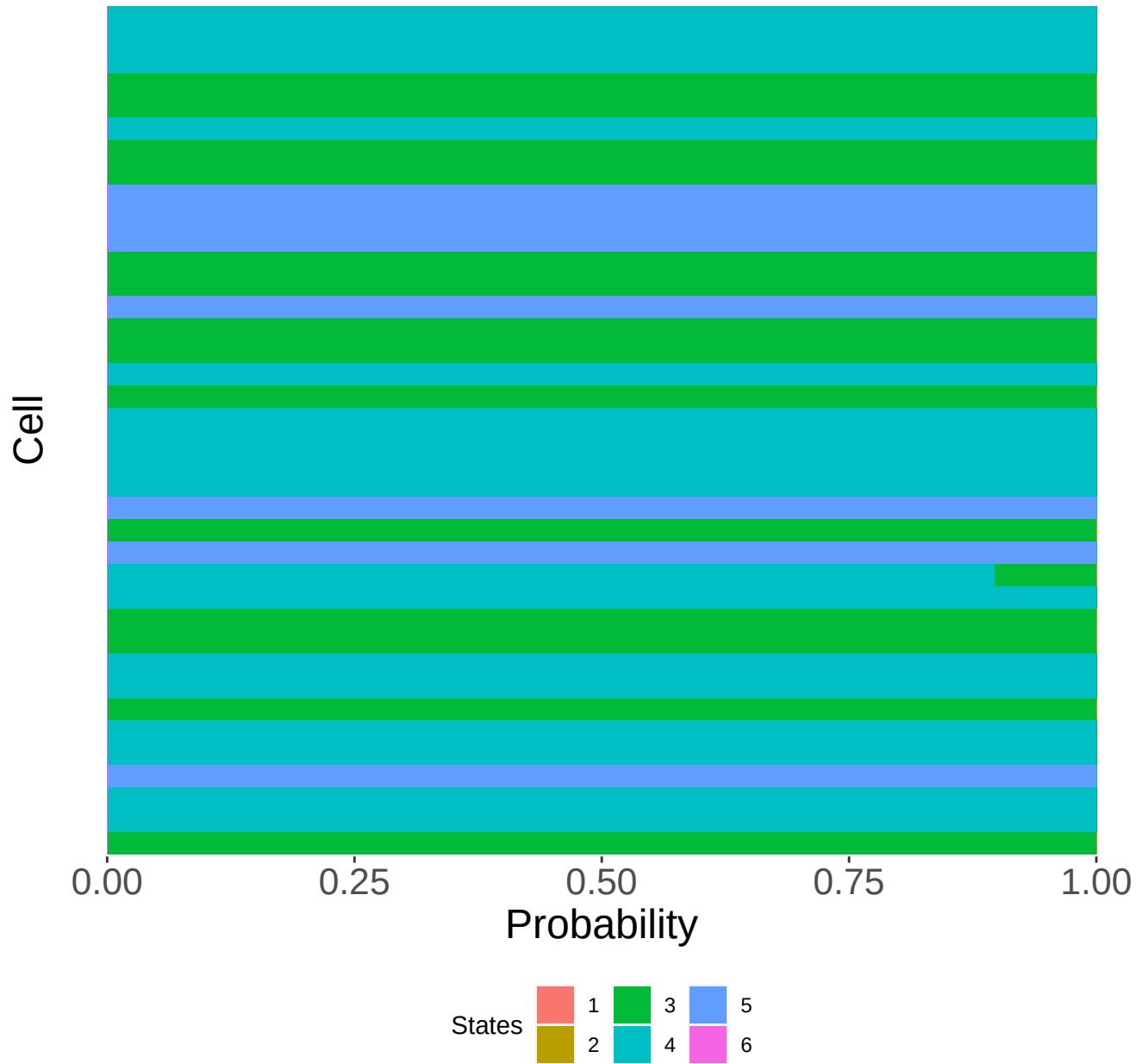
chr1-region_2903



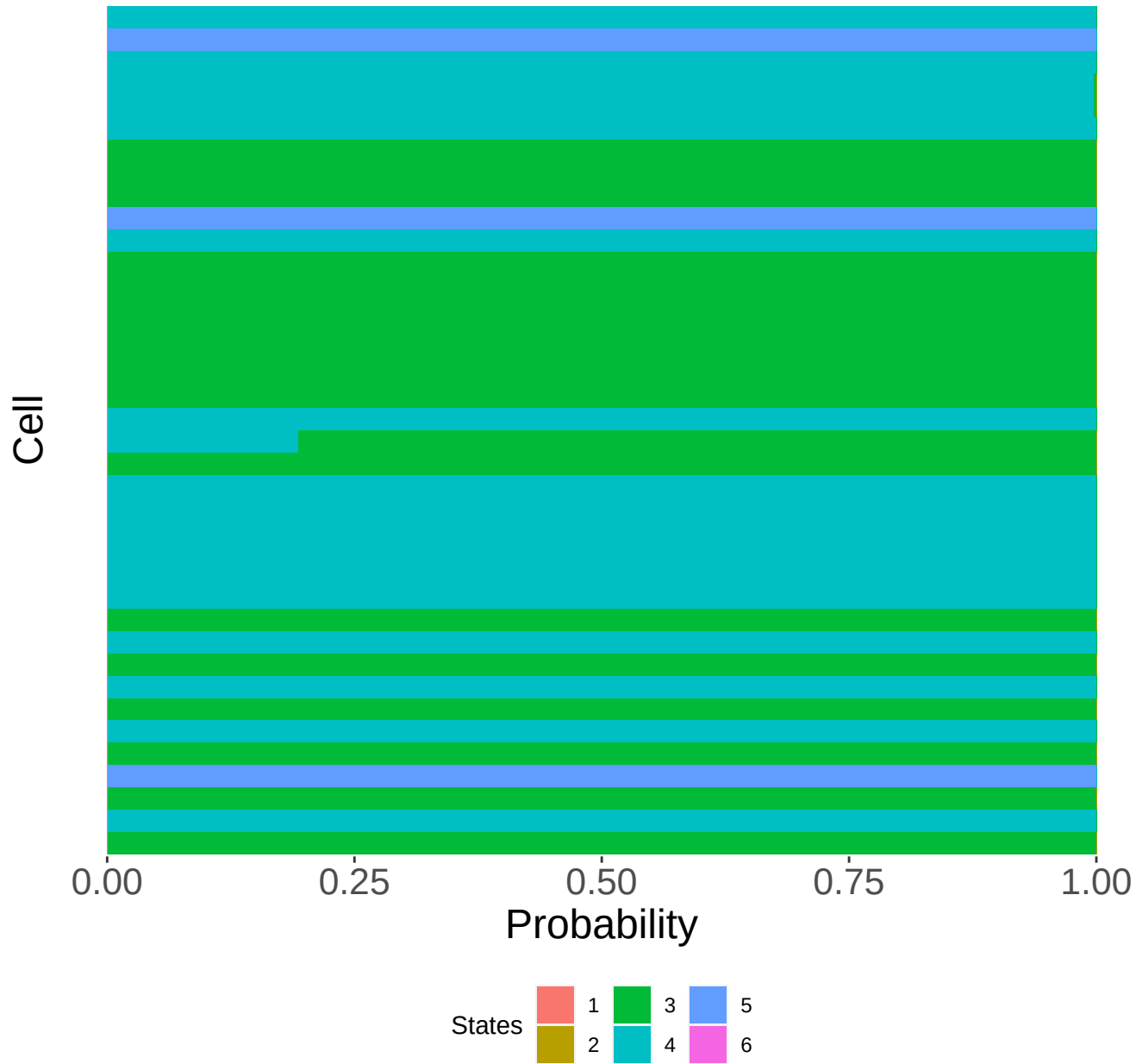
chr7-region_2930



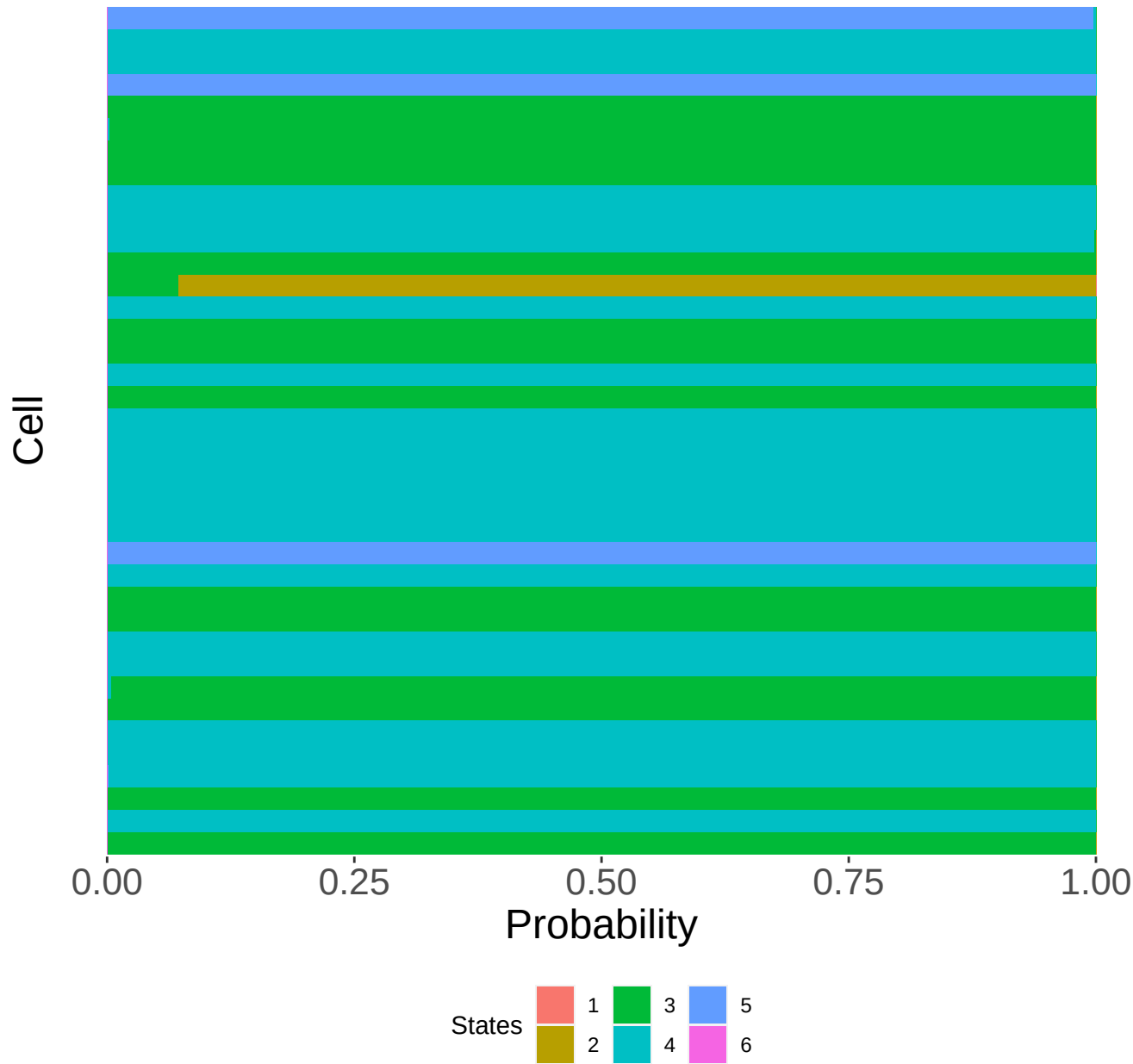
chr7-region_2932



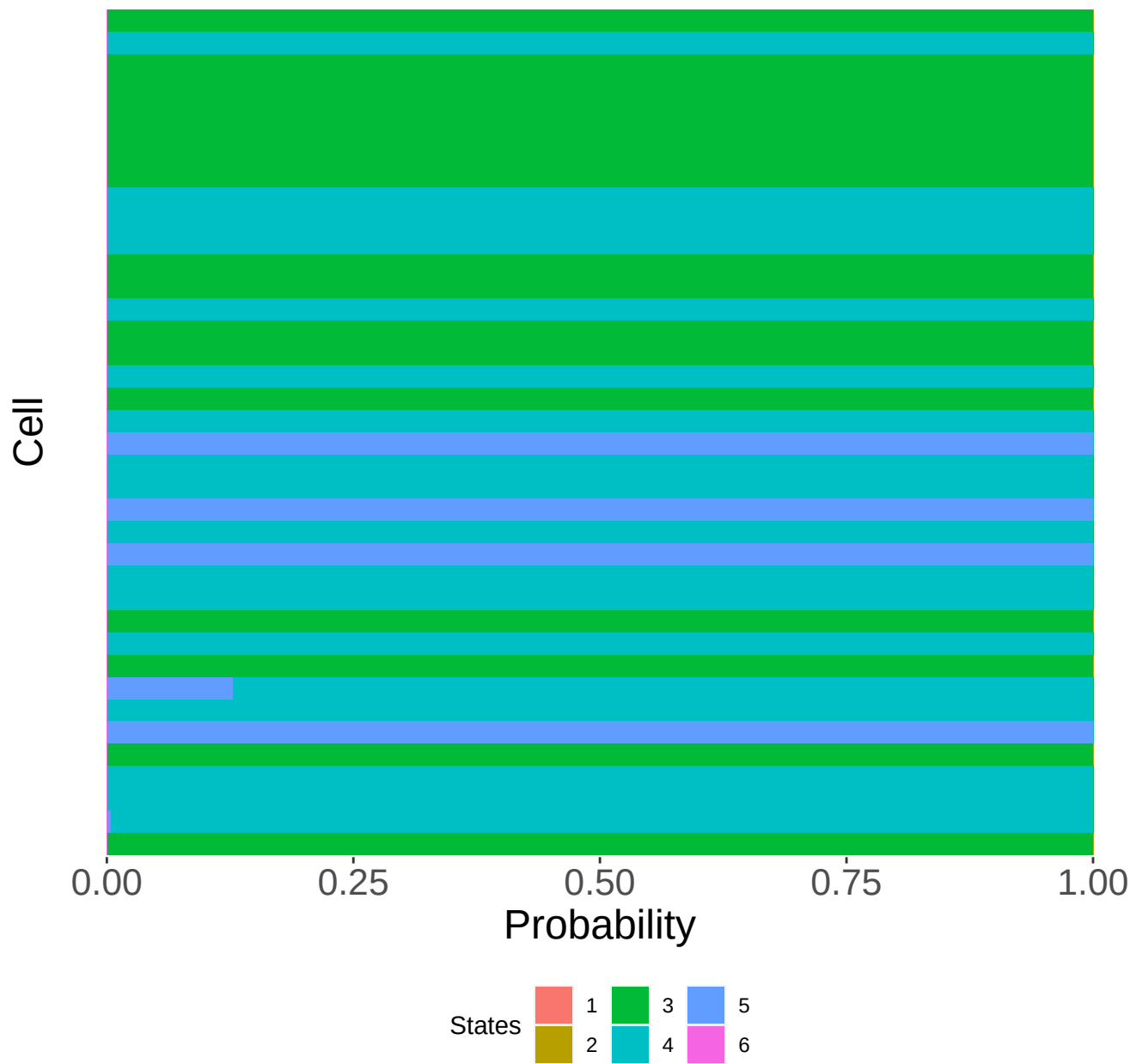
chr8-region_2935



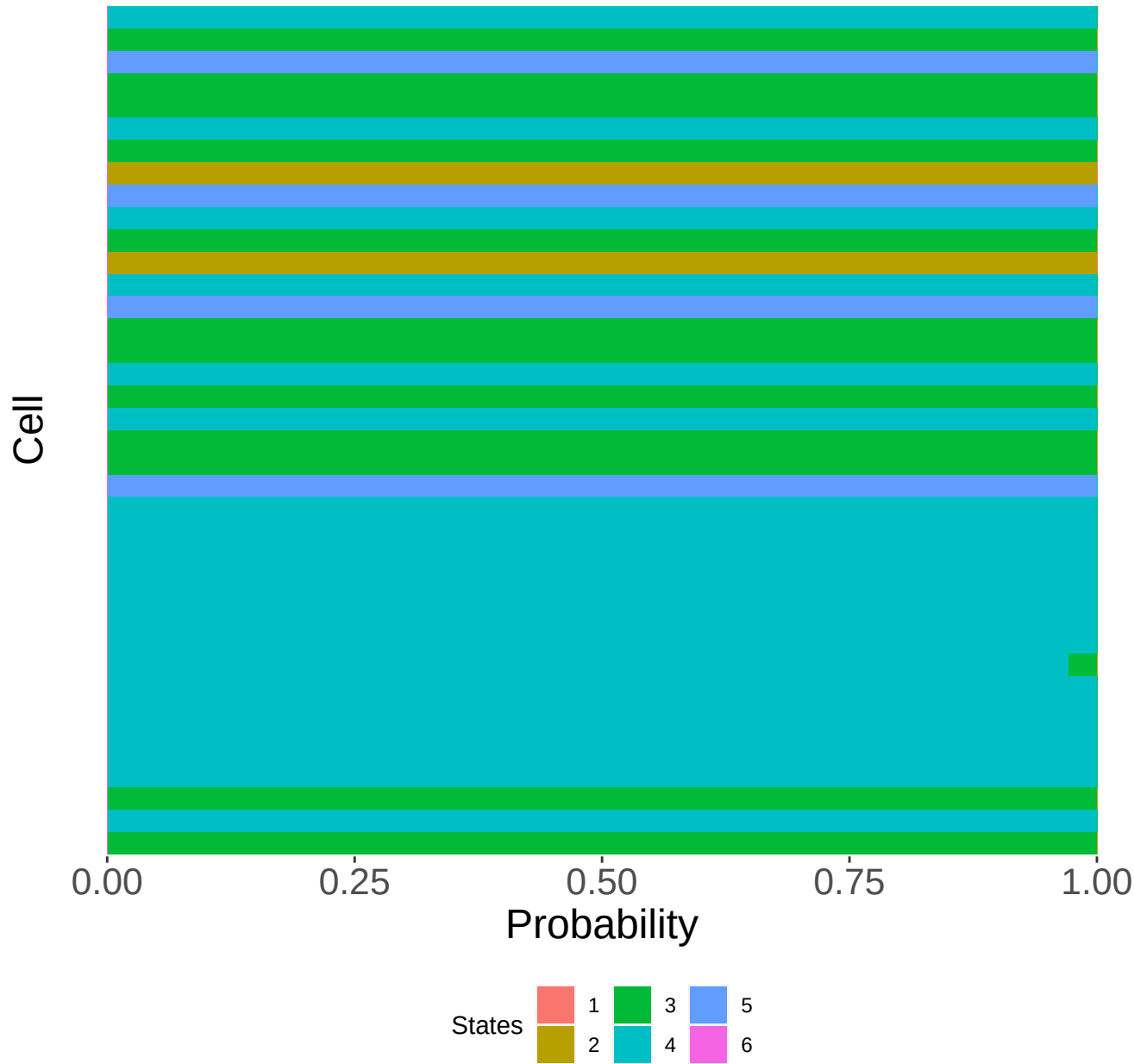
chr10-region_2939



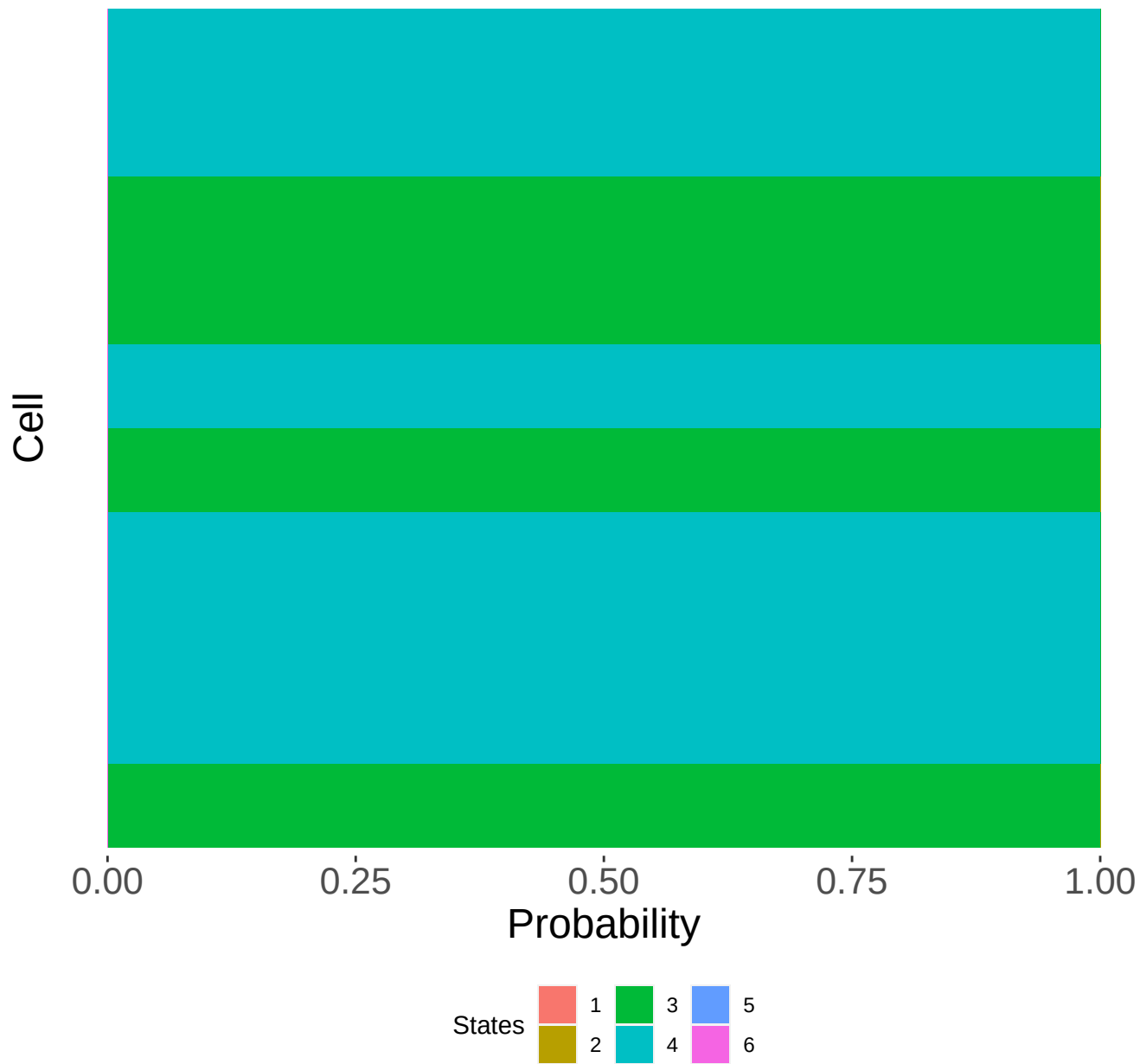
chr17-region_2948



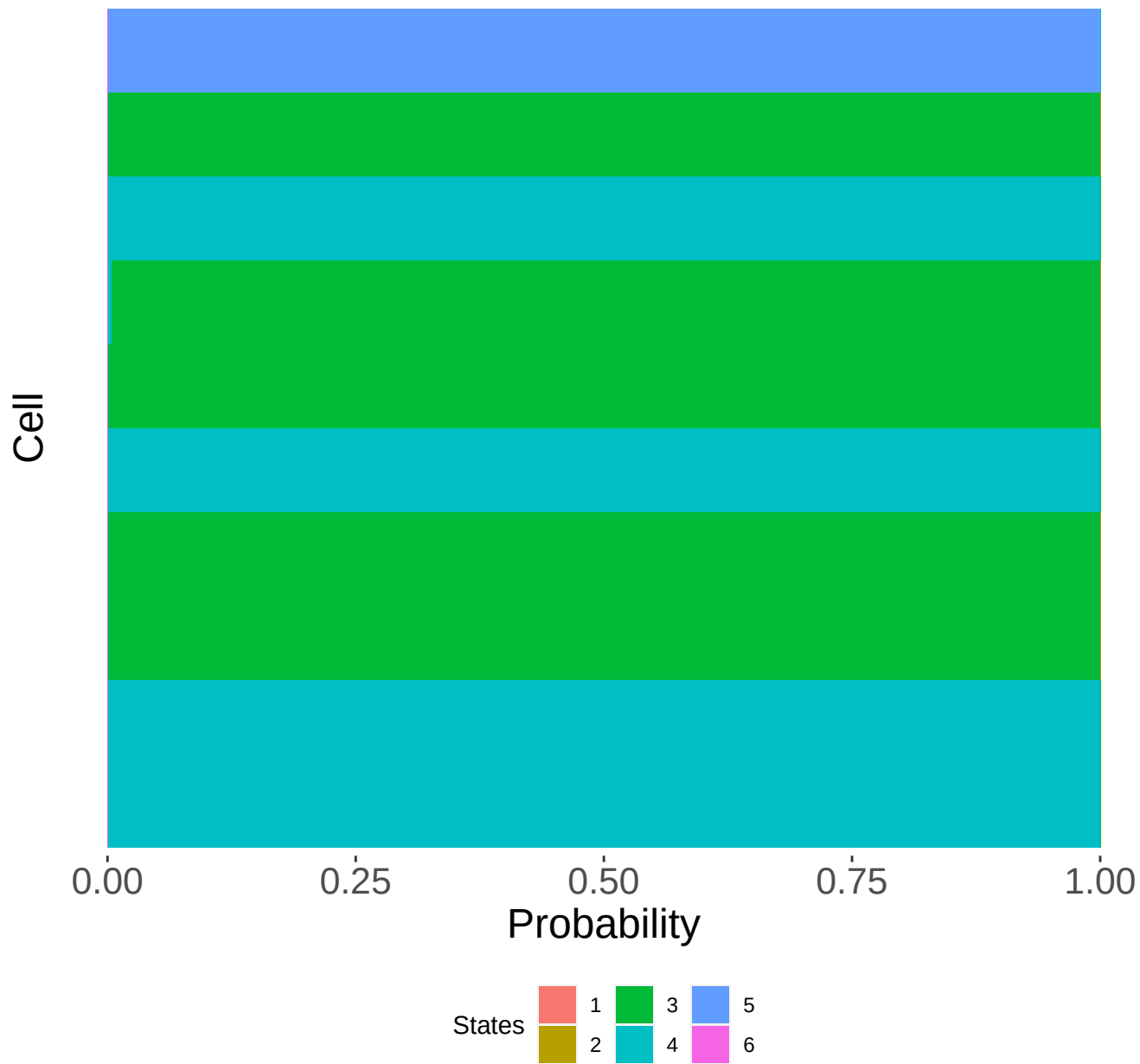
chr19-region_2952



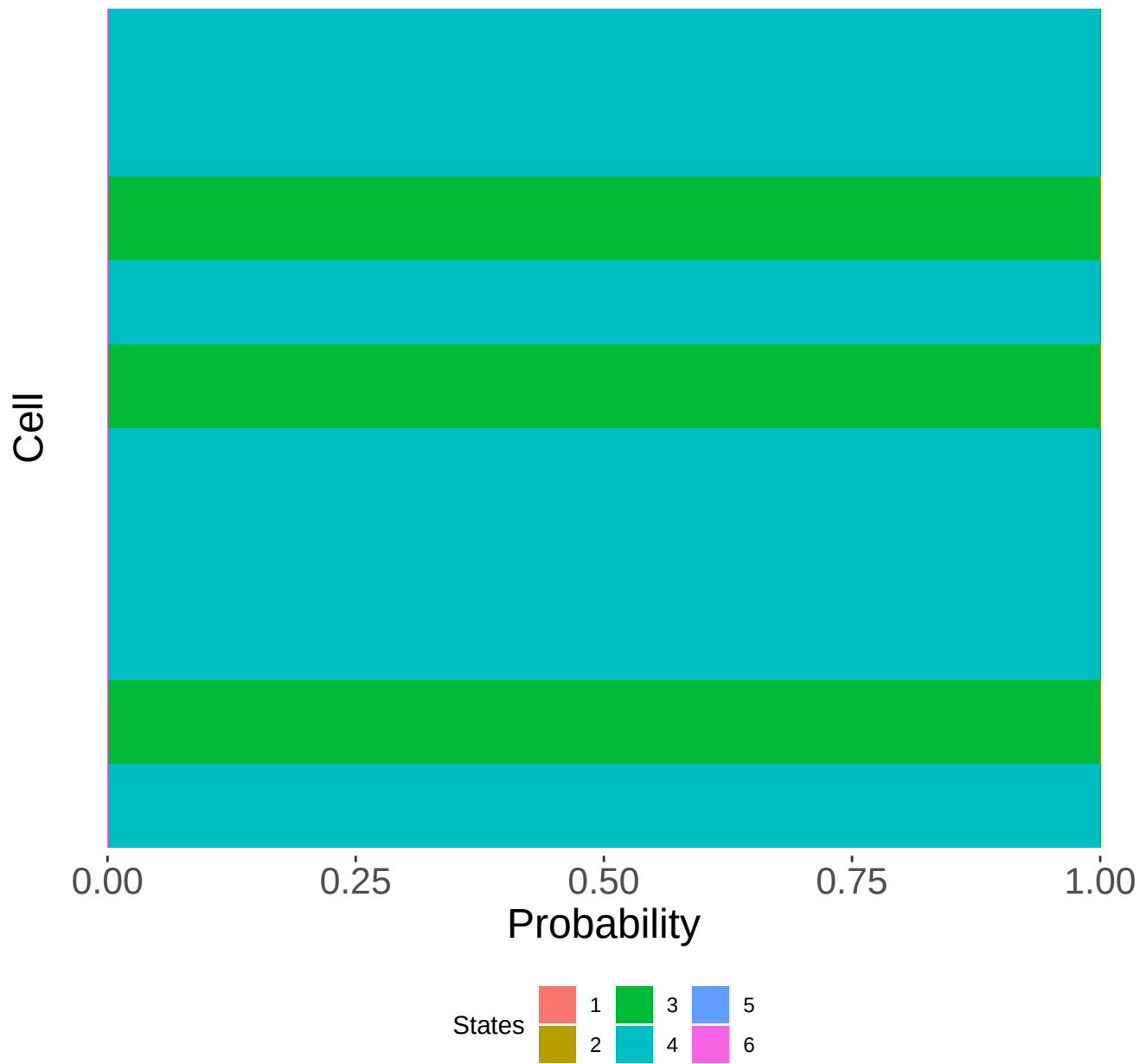
chr2-region_2956



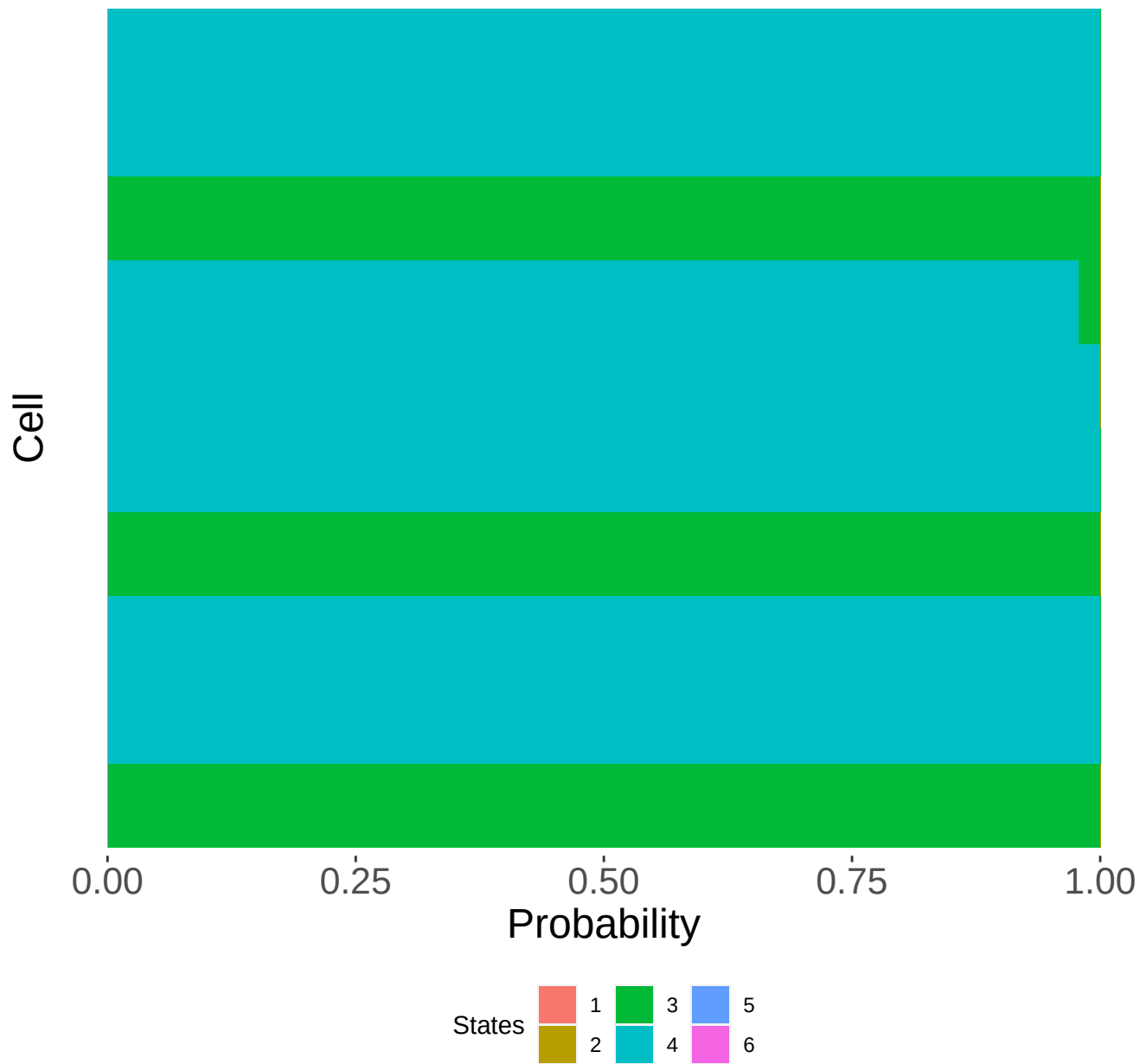
chr5-region_2961



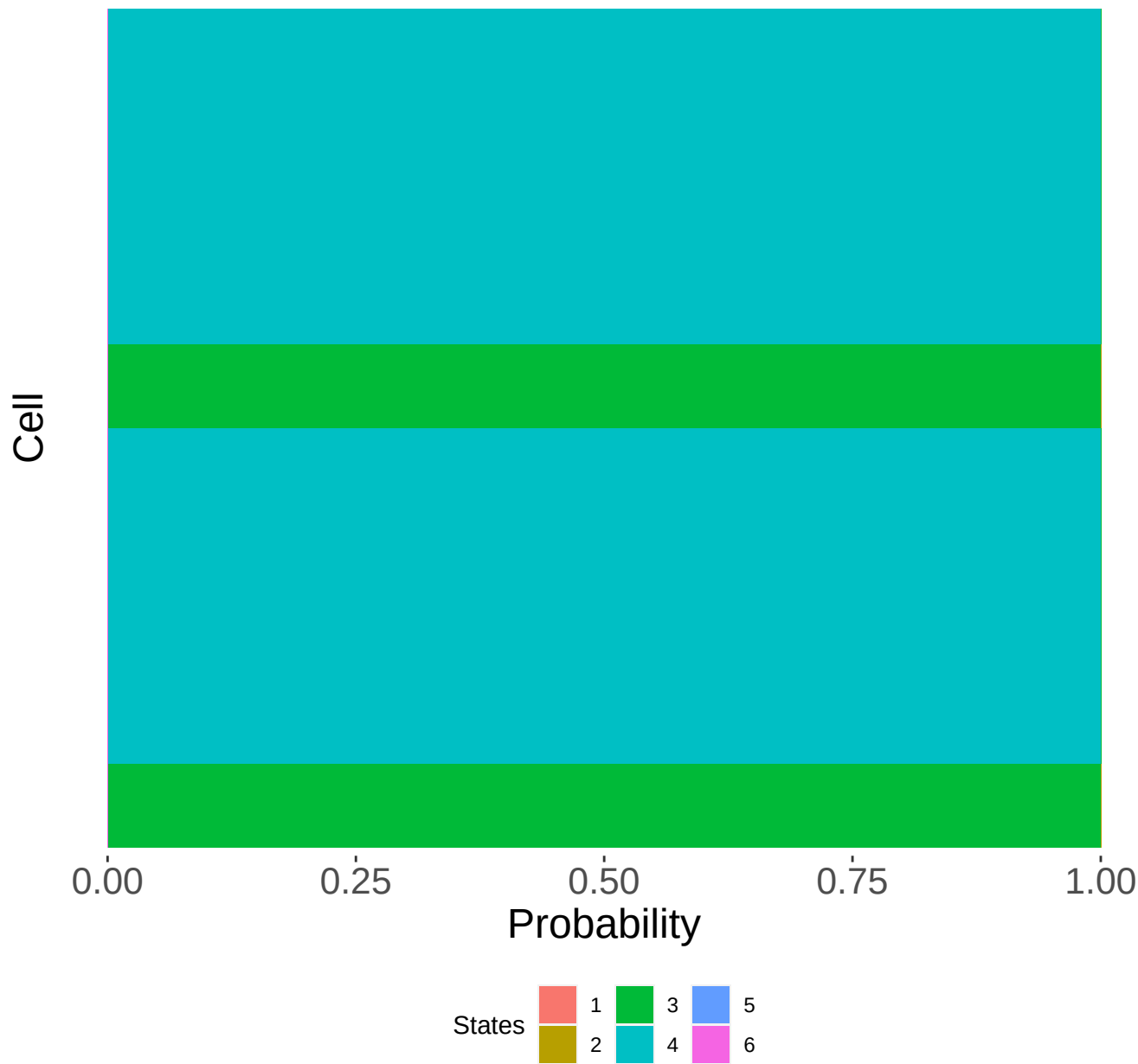
chr7-region_2964



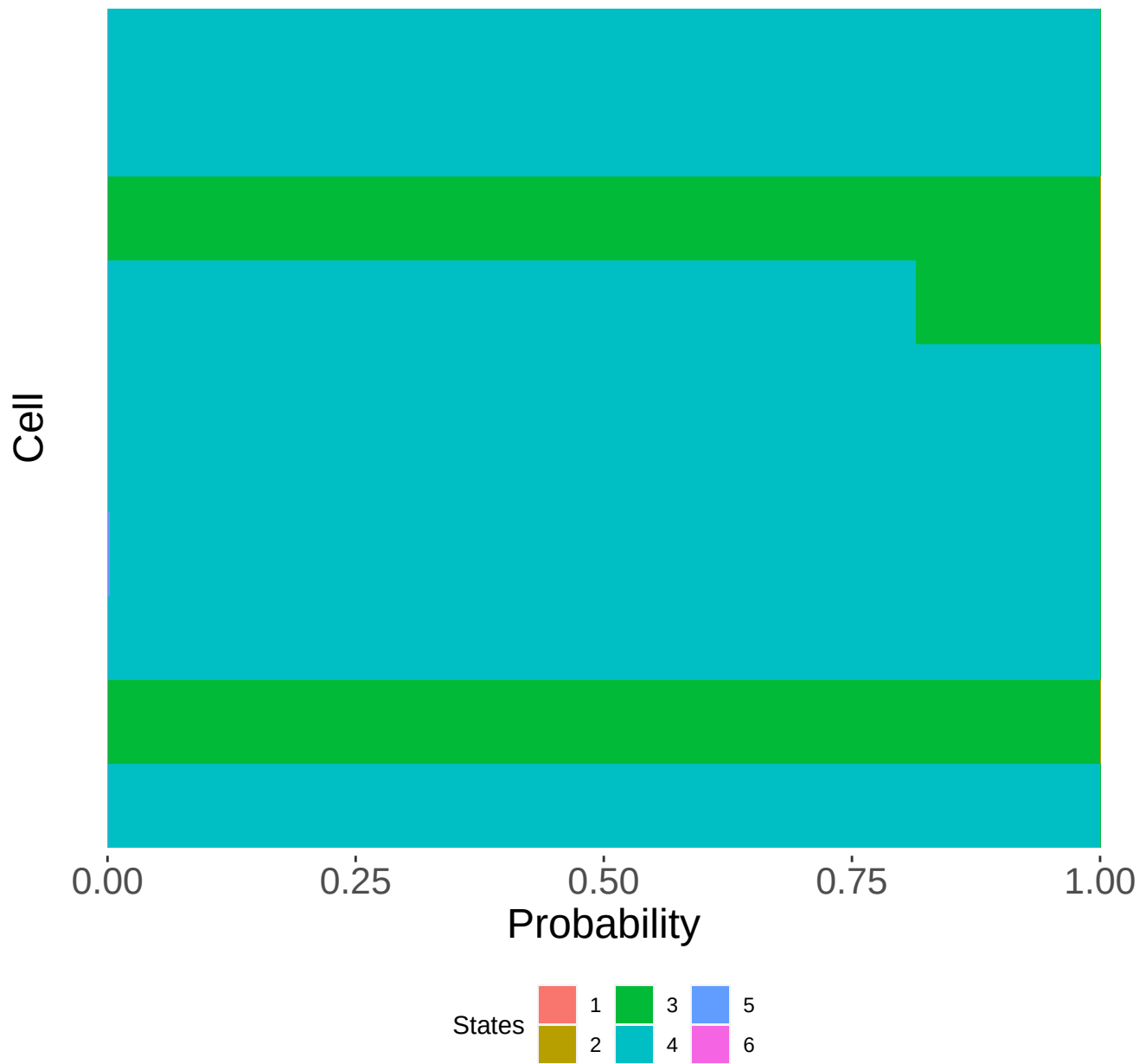
chr7-region_2966



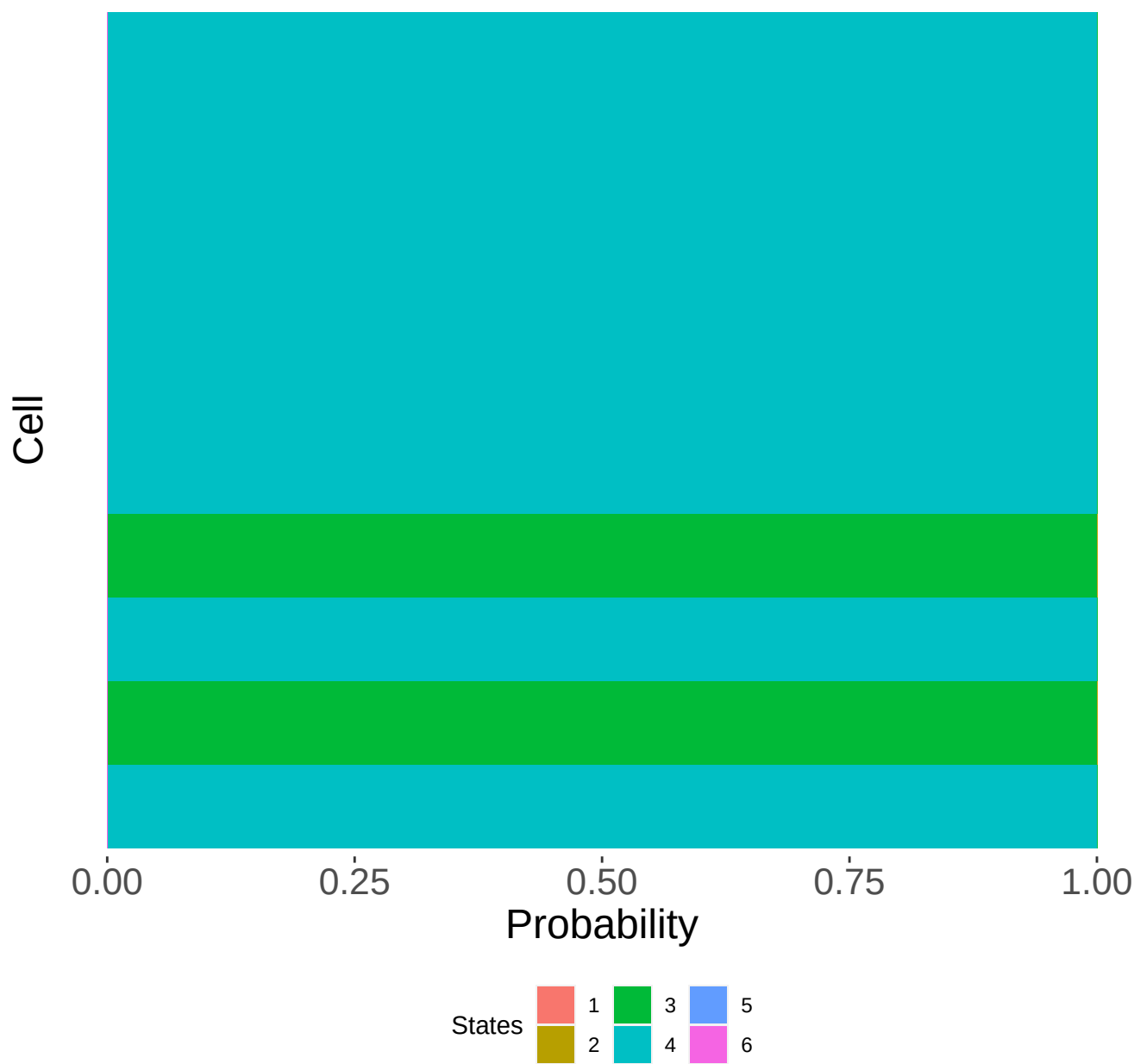
chr10-region_2971



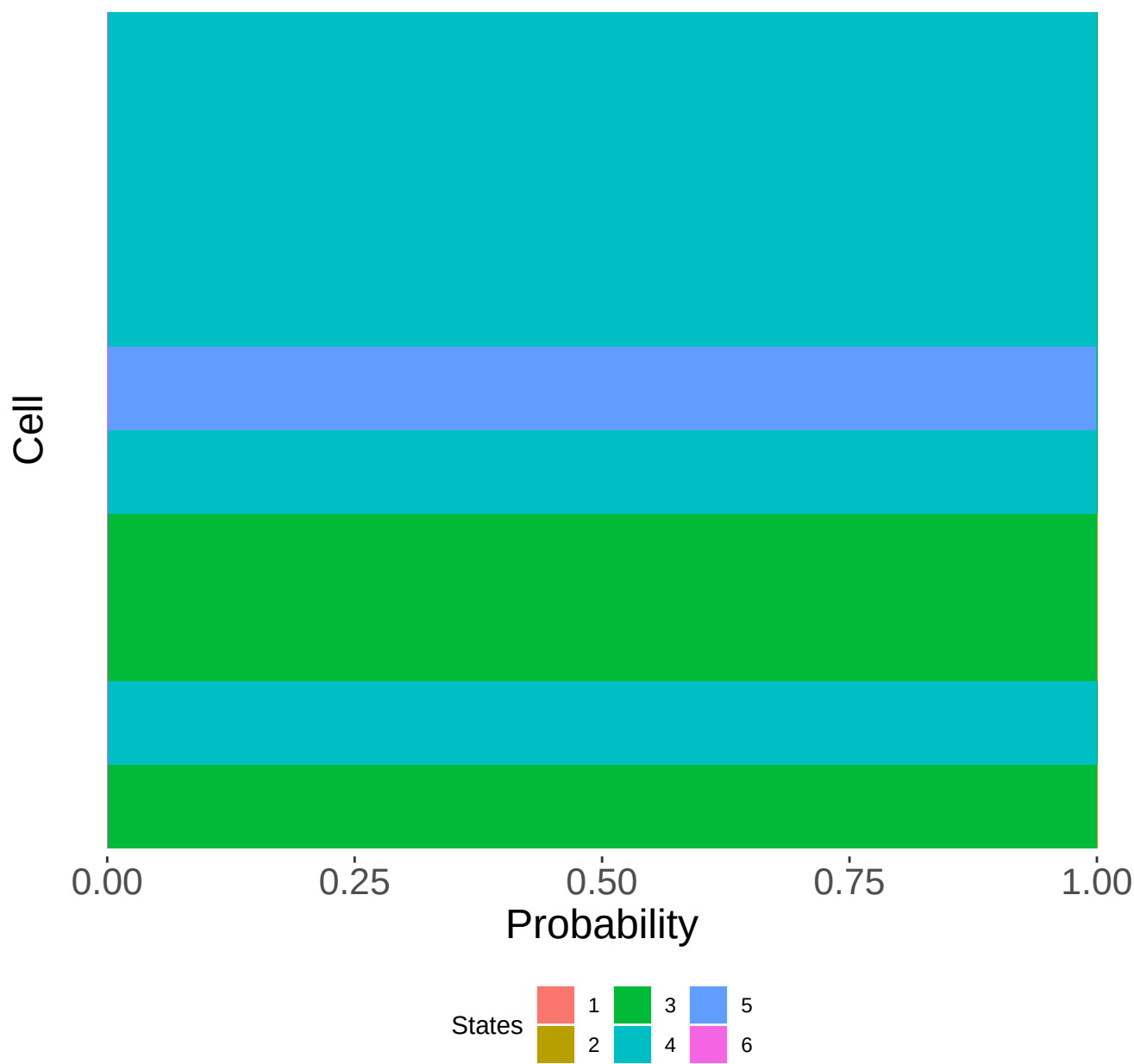
chr10-region_2973



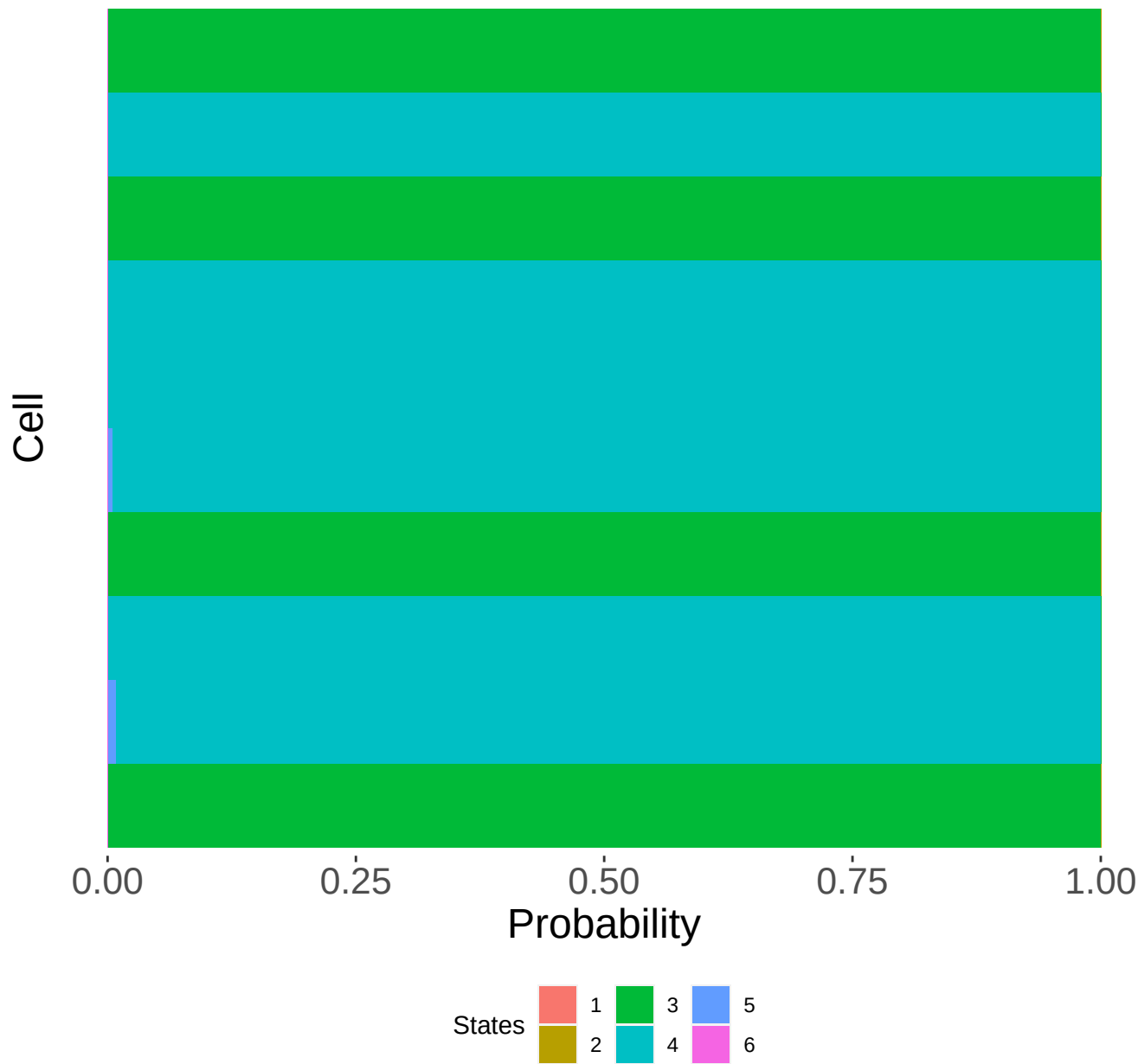
chr11-region_2975



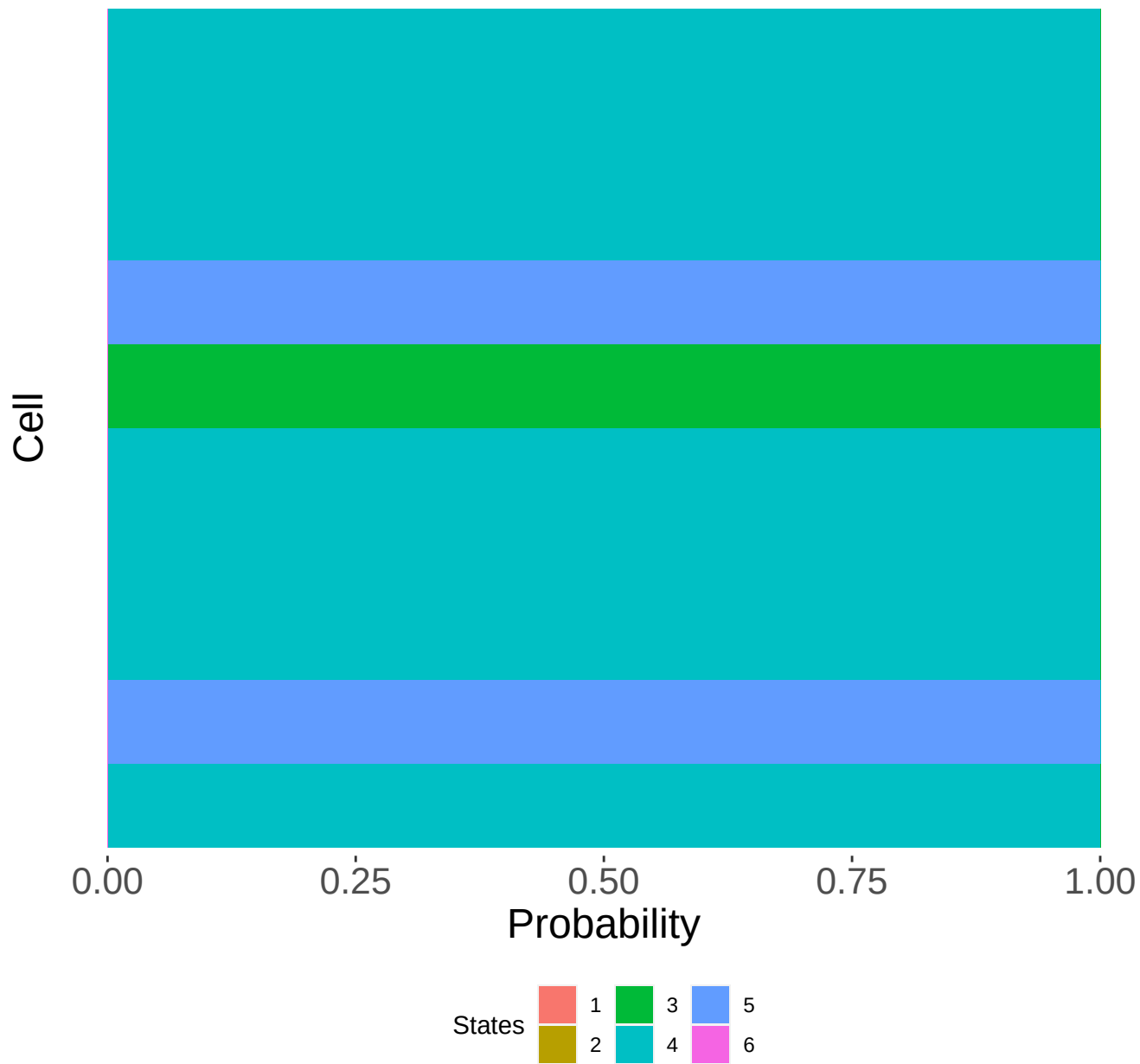
chr15-region_2980



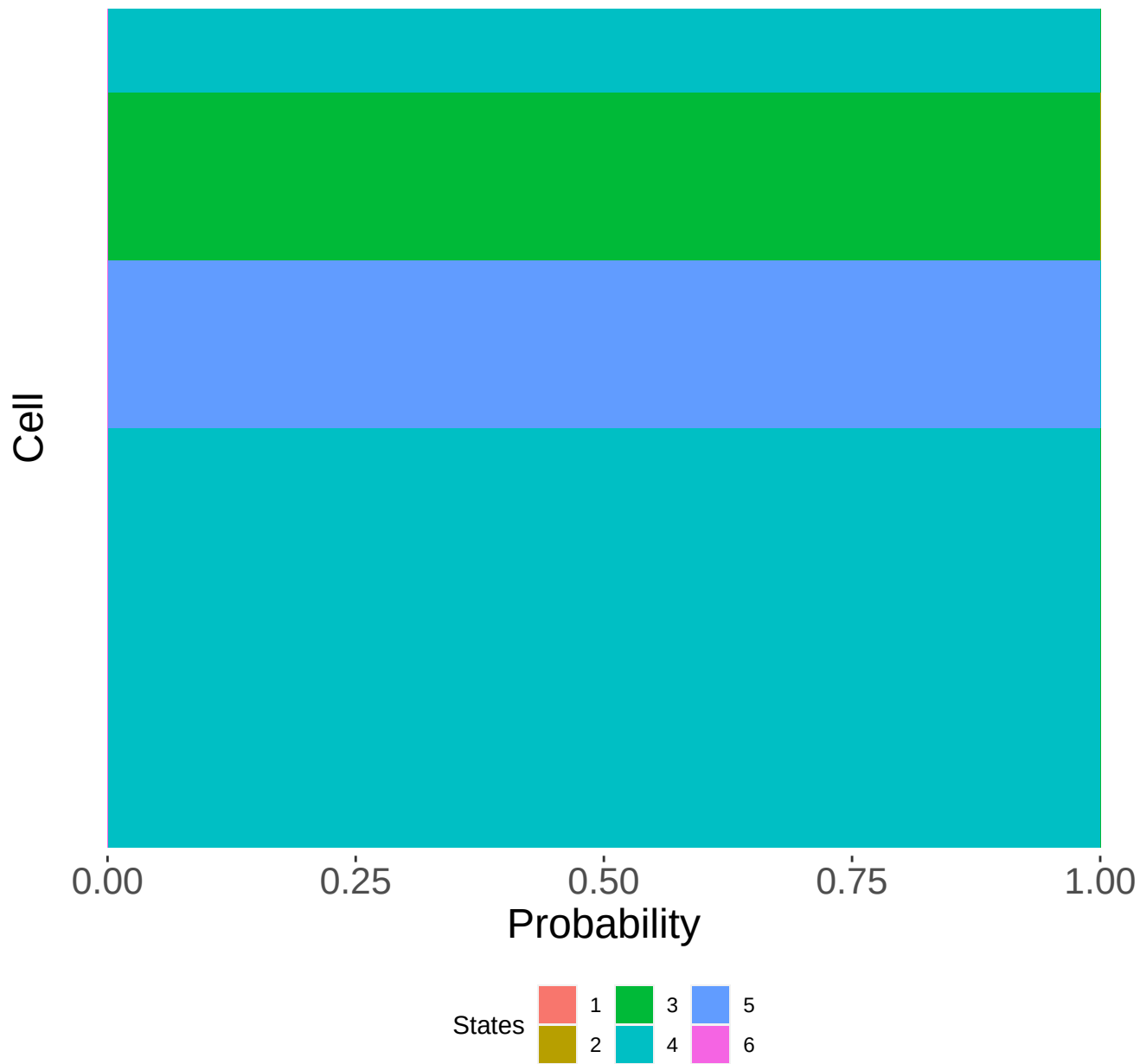
chr15-region_2982



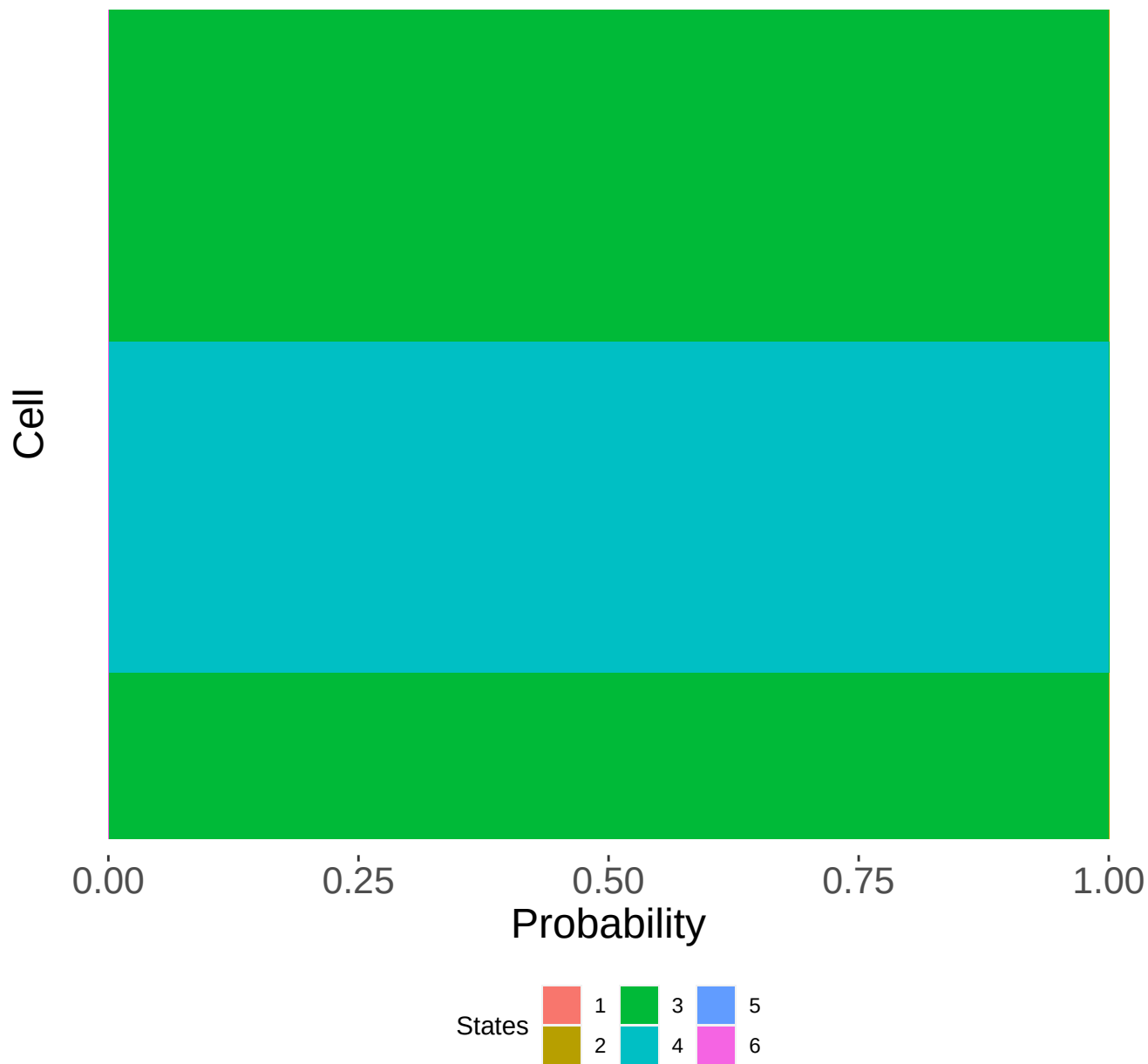
chr17-region_2985



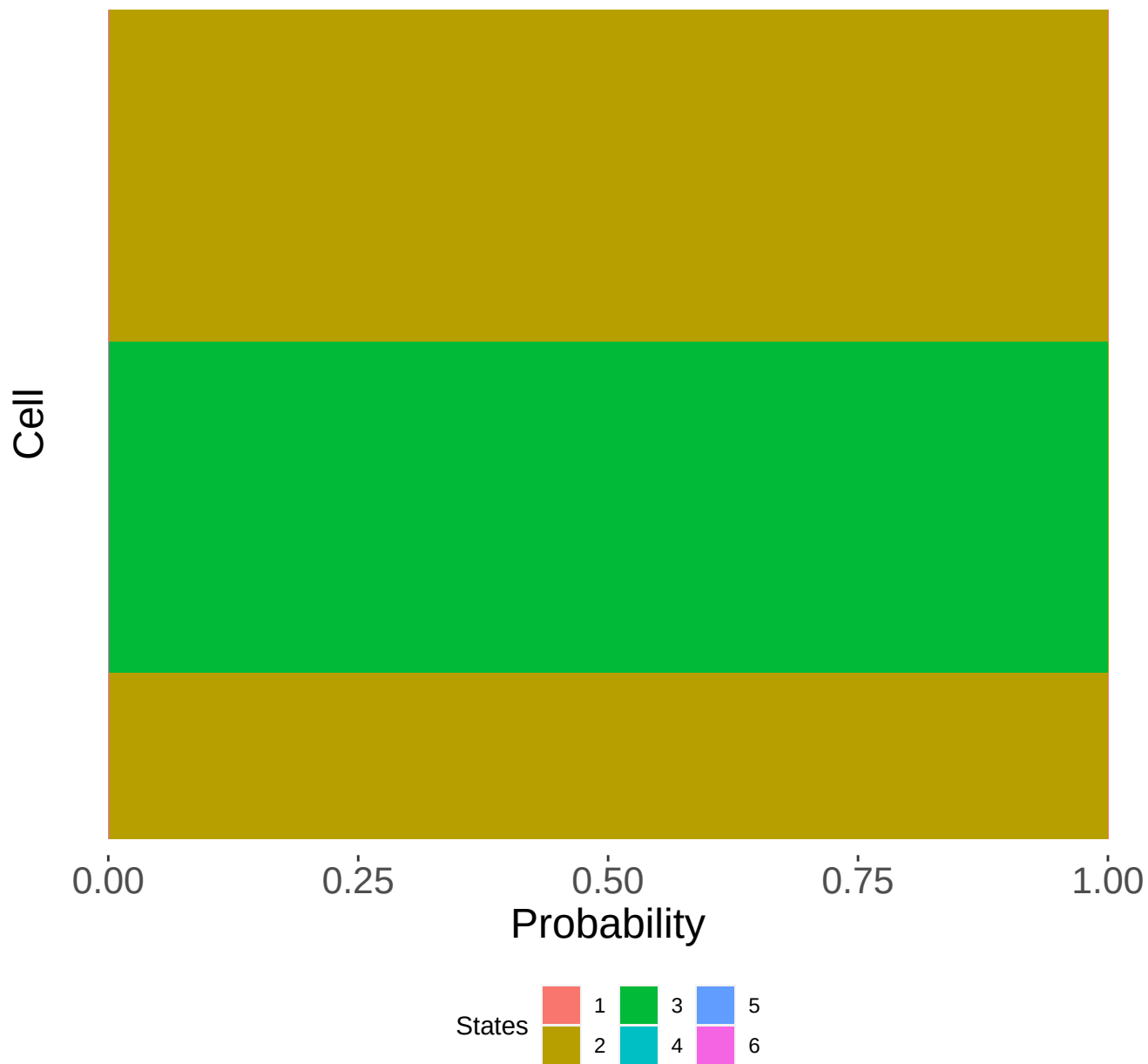
chr19-region_2988



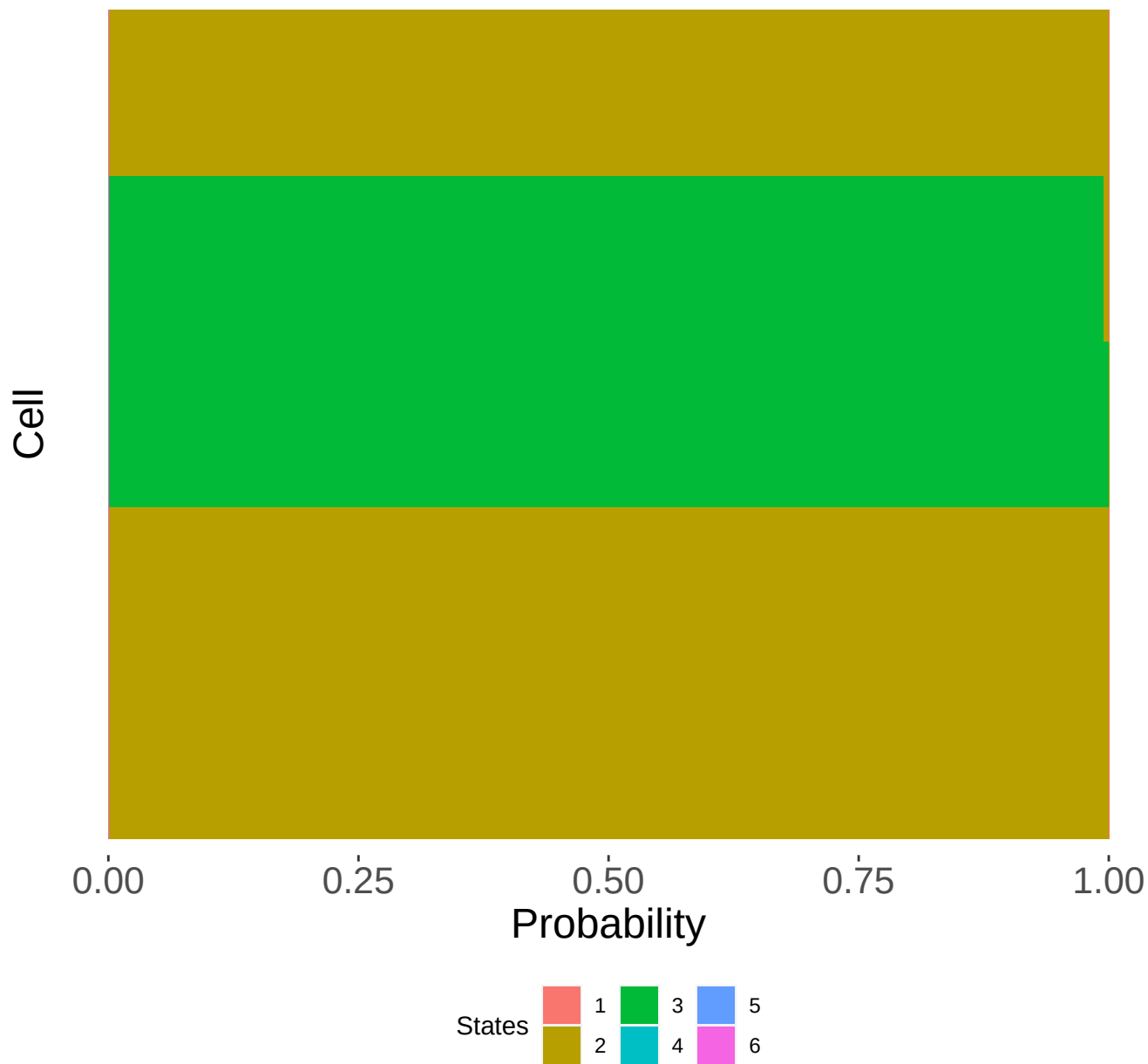
chr1-region_2991



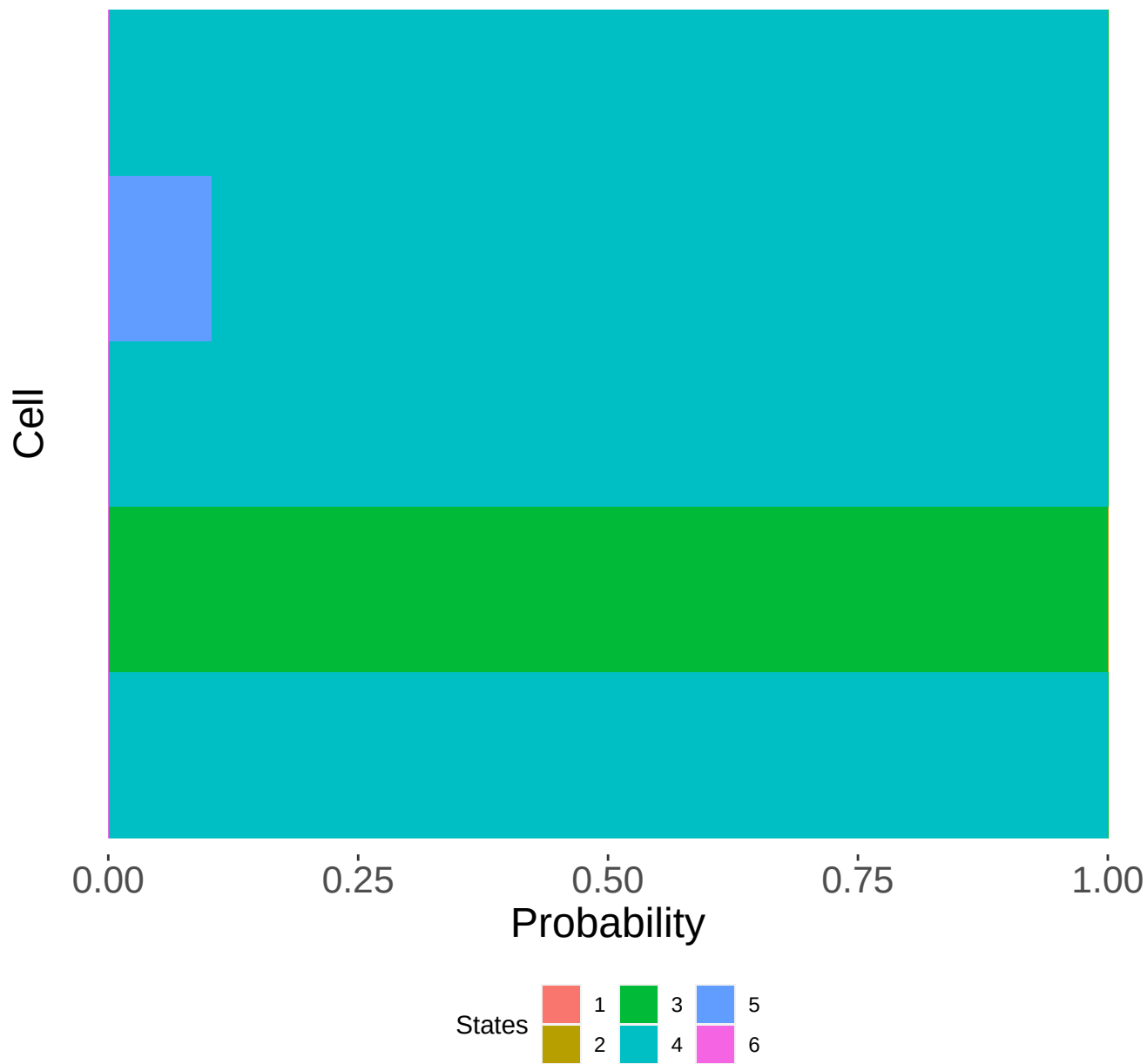
chr3-region_2994



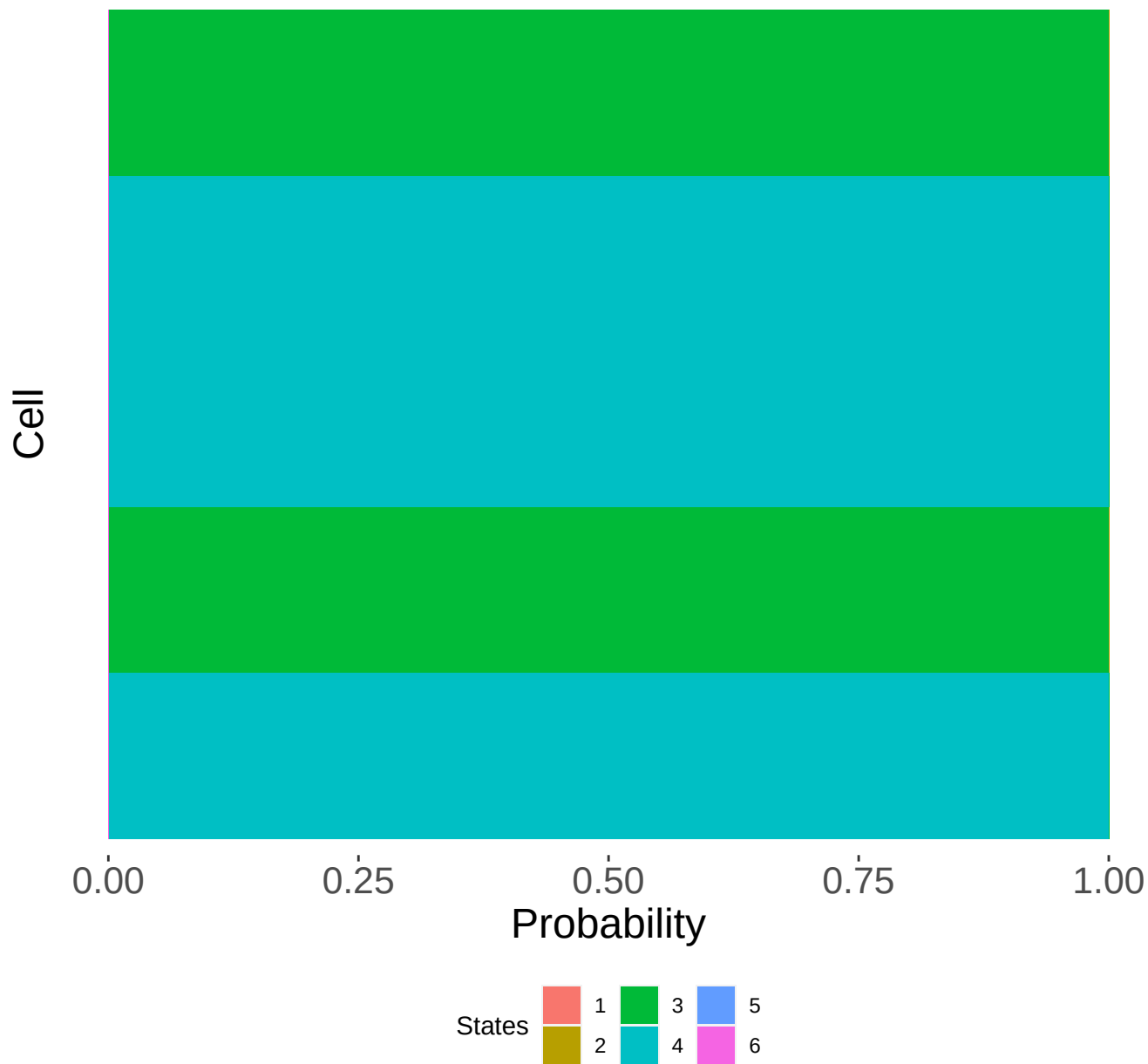
chr3-region_2996



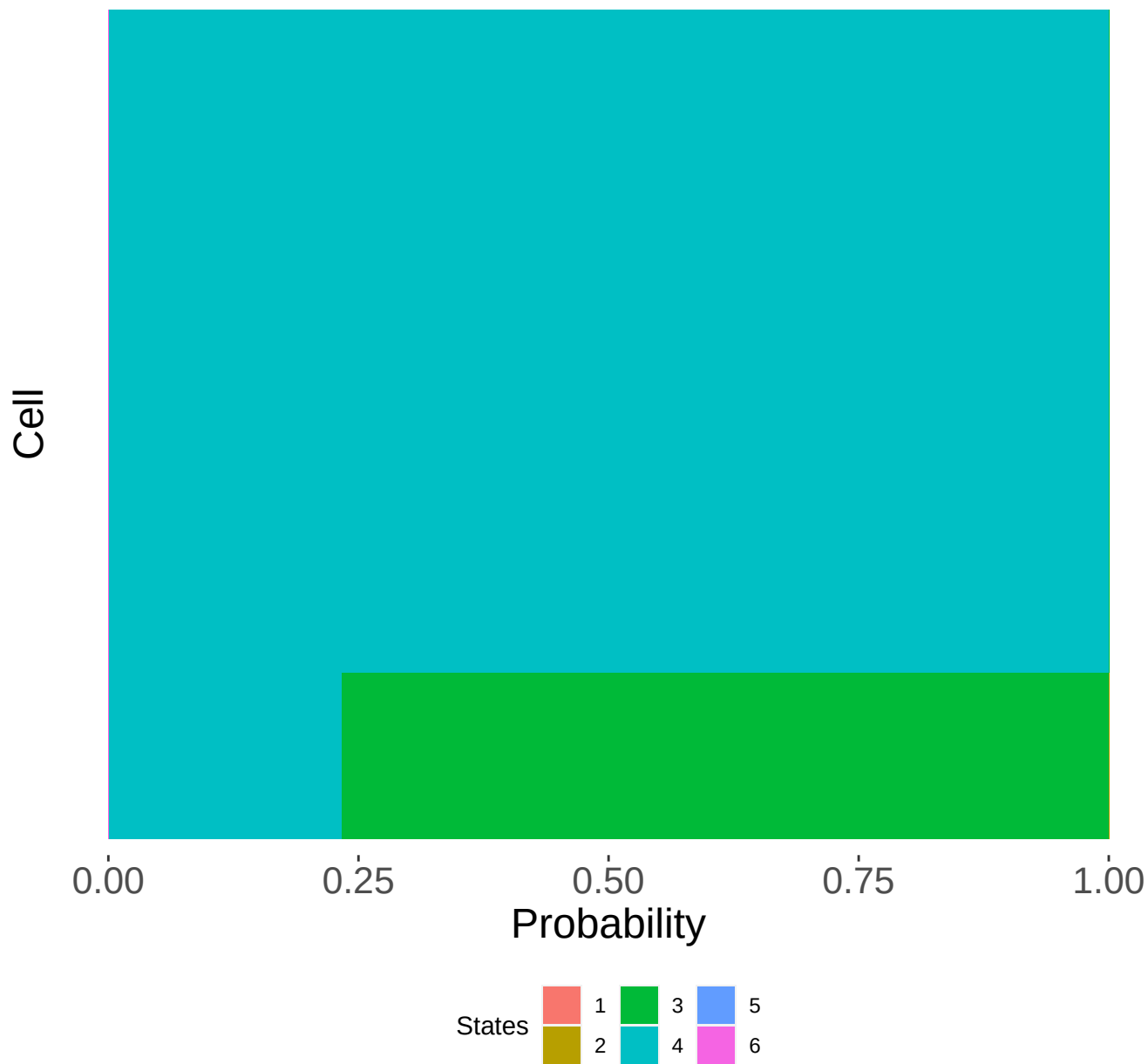
chr5-region_2999



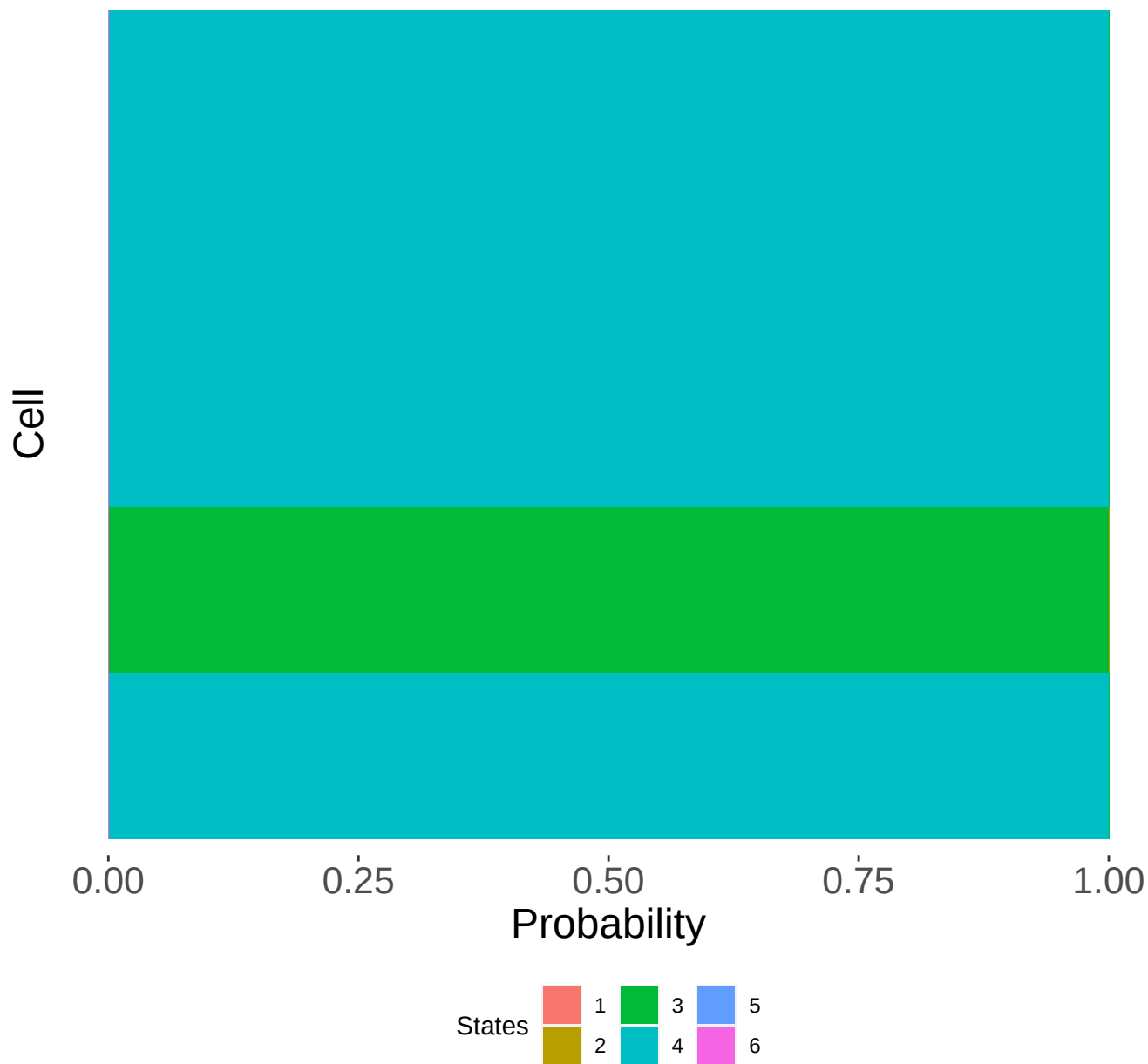
chr7-region_3003



chr7-region_3005



chr8-region_3008



chr10-region_3012

Cell

0.00

0.25

0.50

0.75

1.00

Probability

States



1

2



3

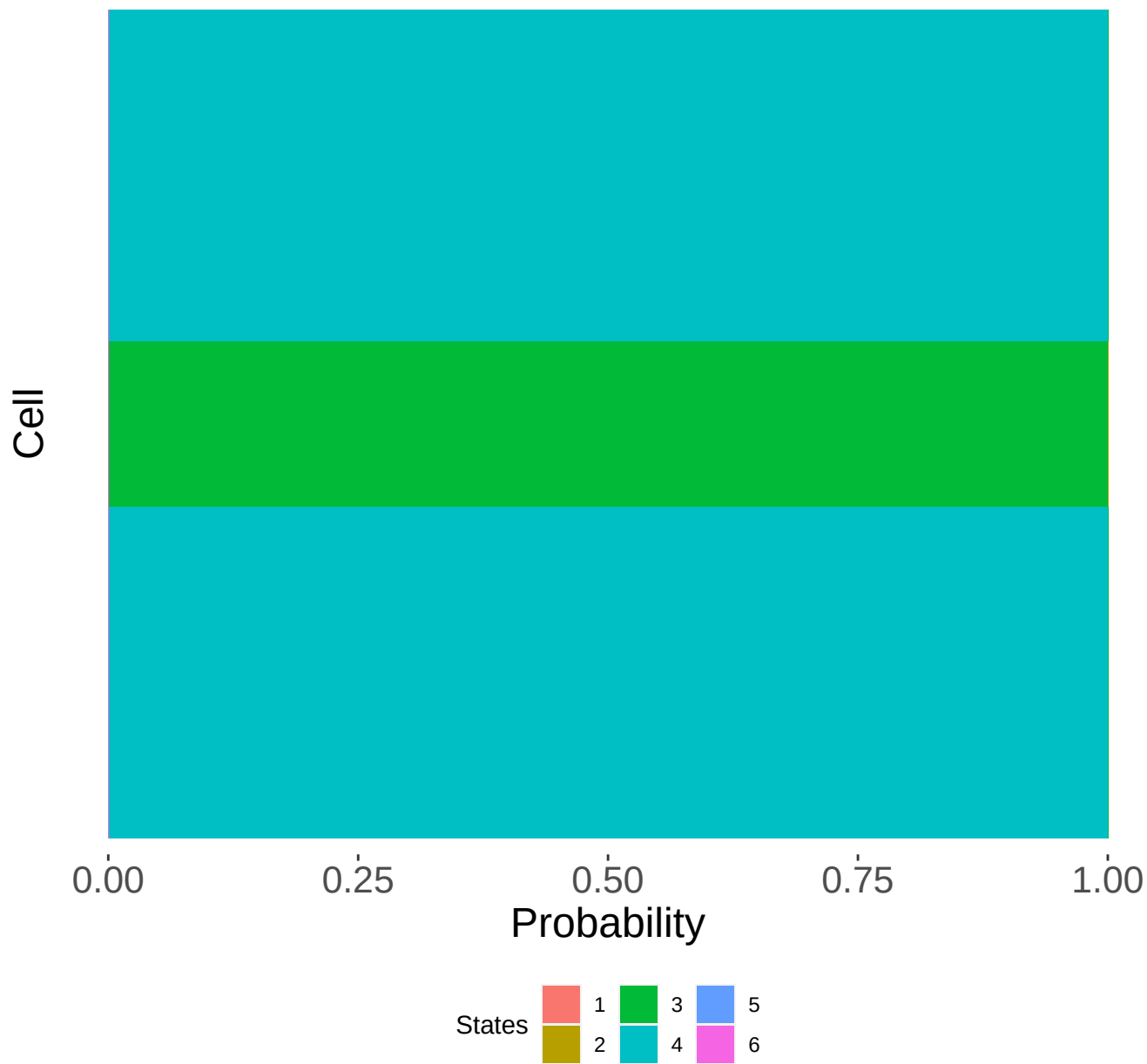
4



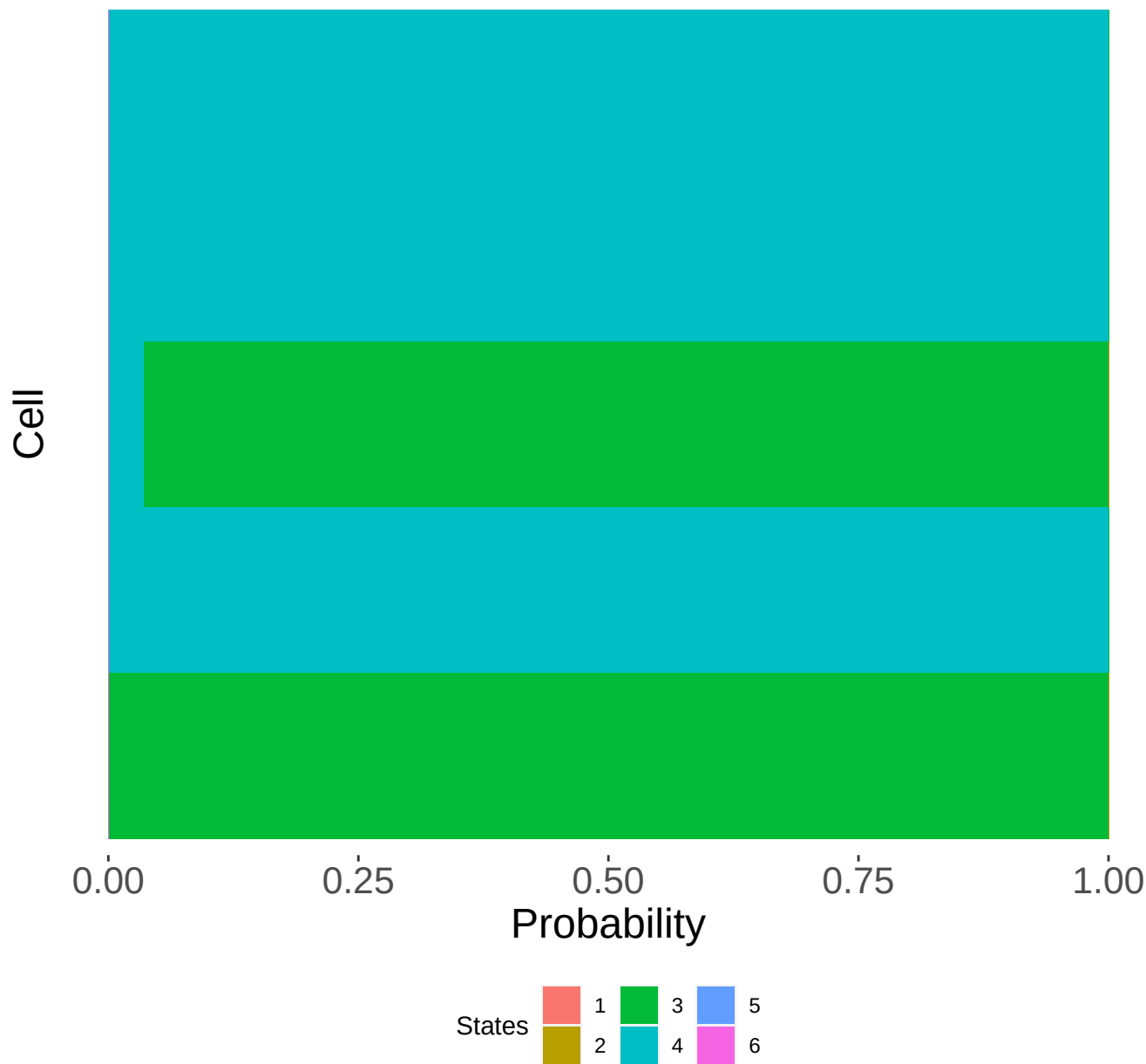
5

6

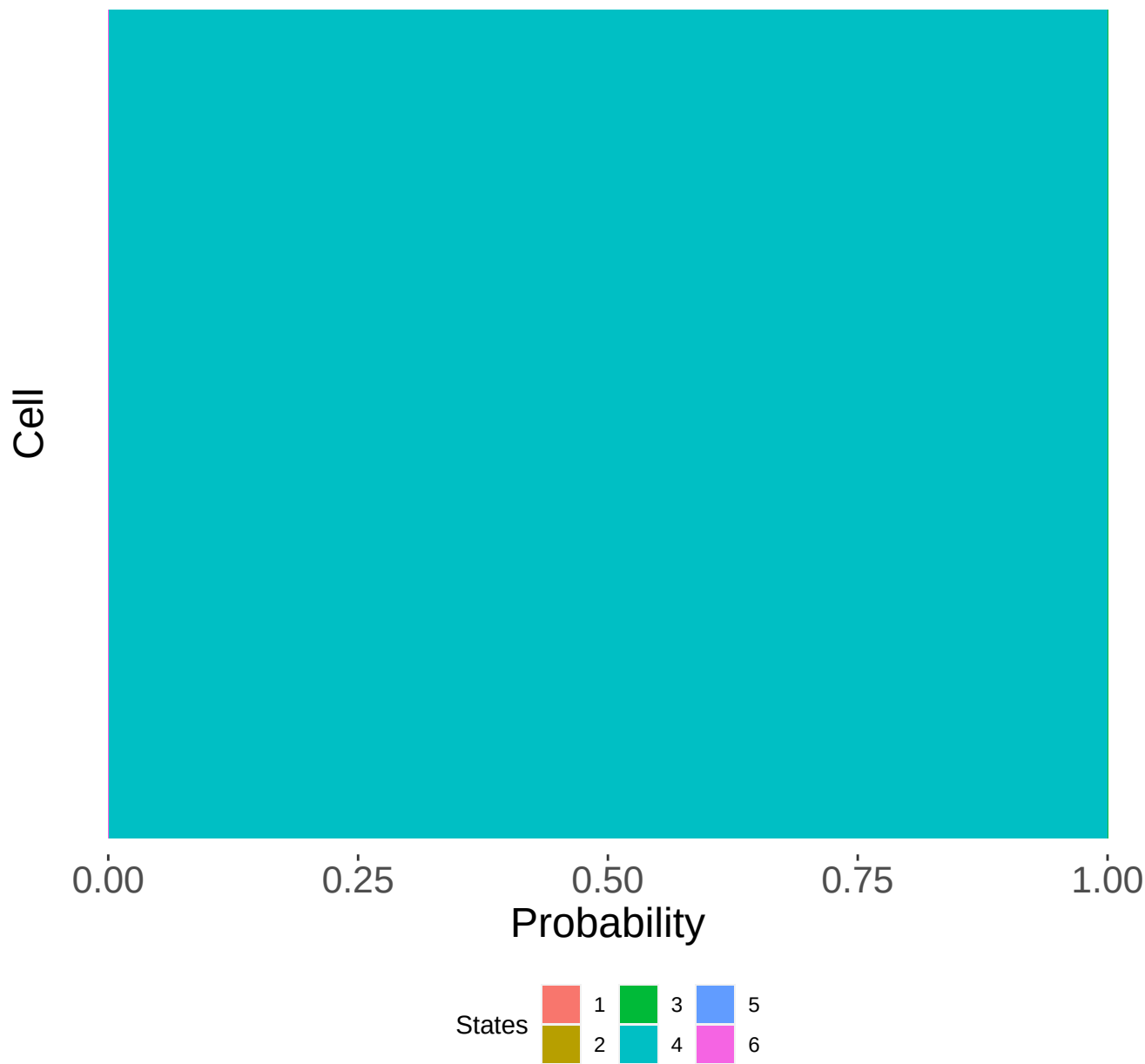
chr11-region_3015



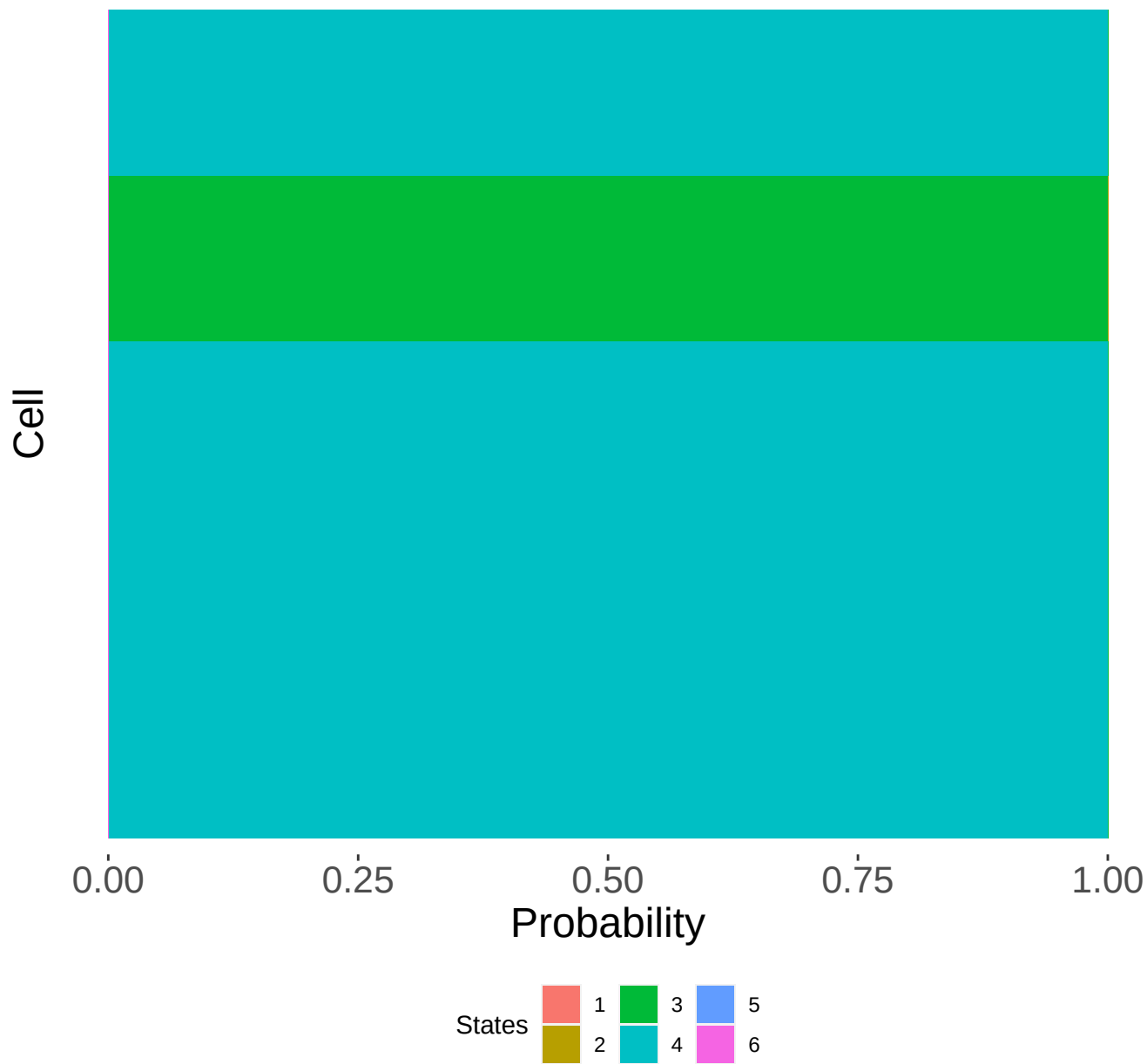
chr12-region_3017



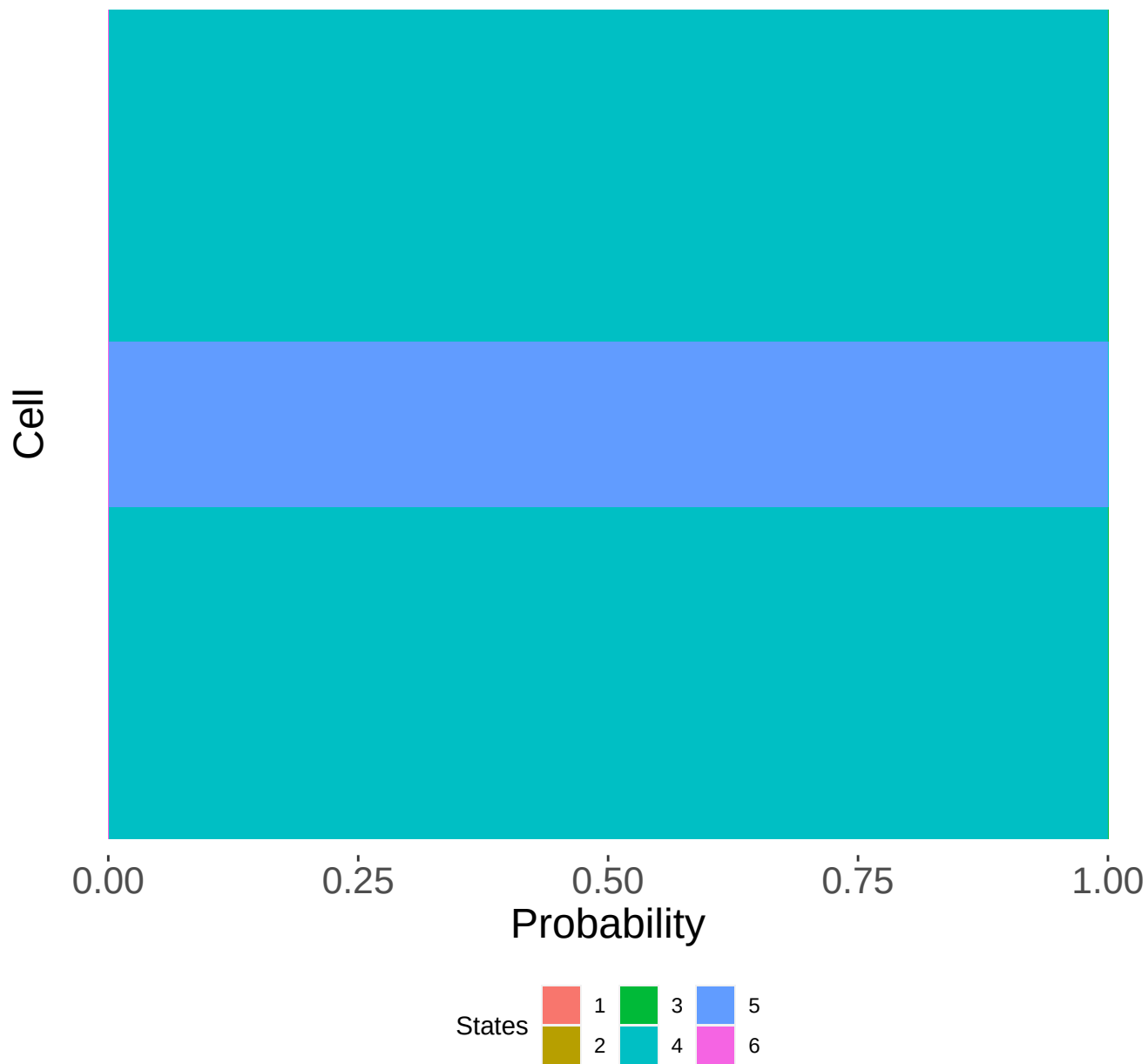
chr15-region_3021



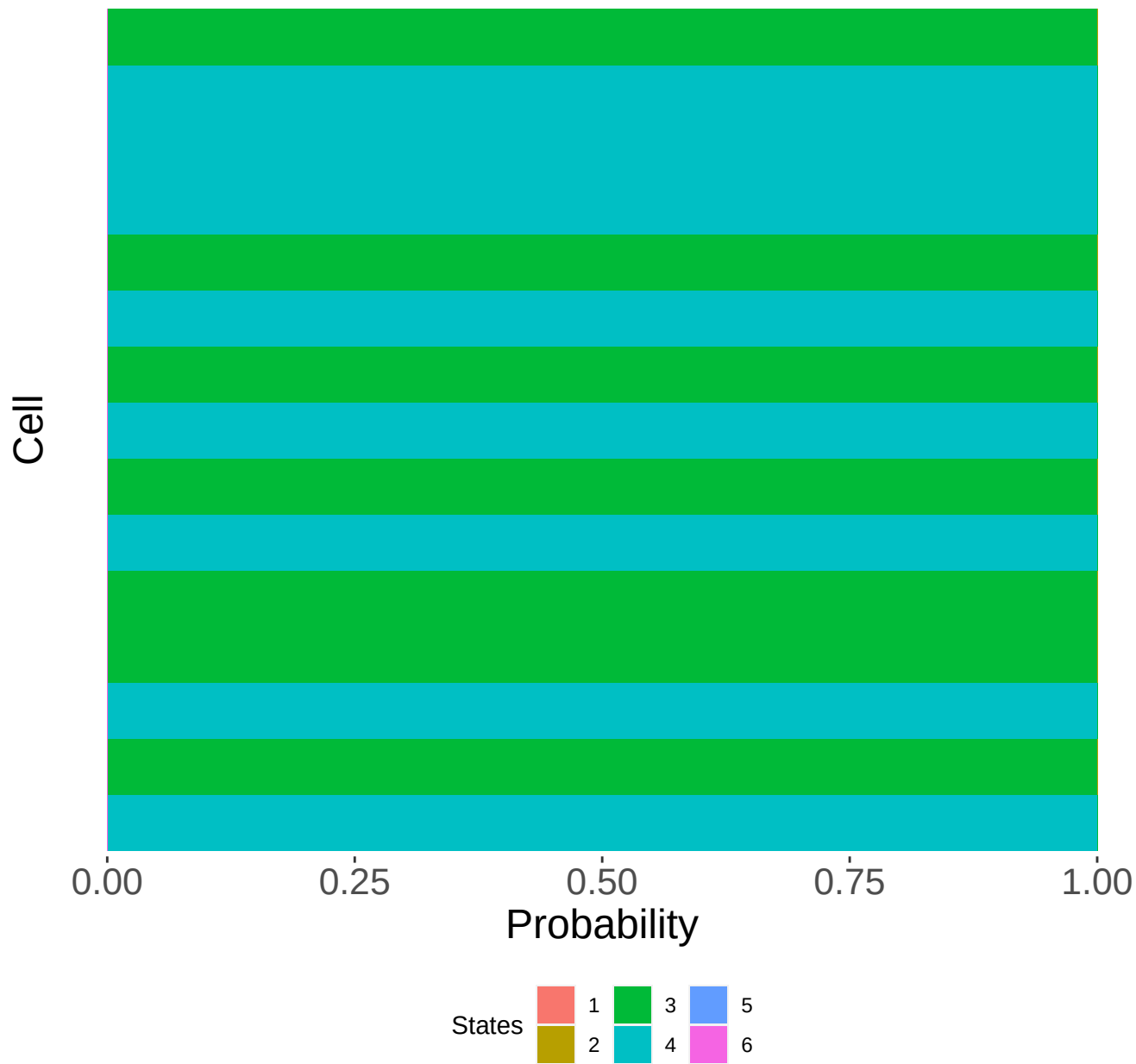
chr17-region_3025



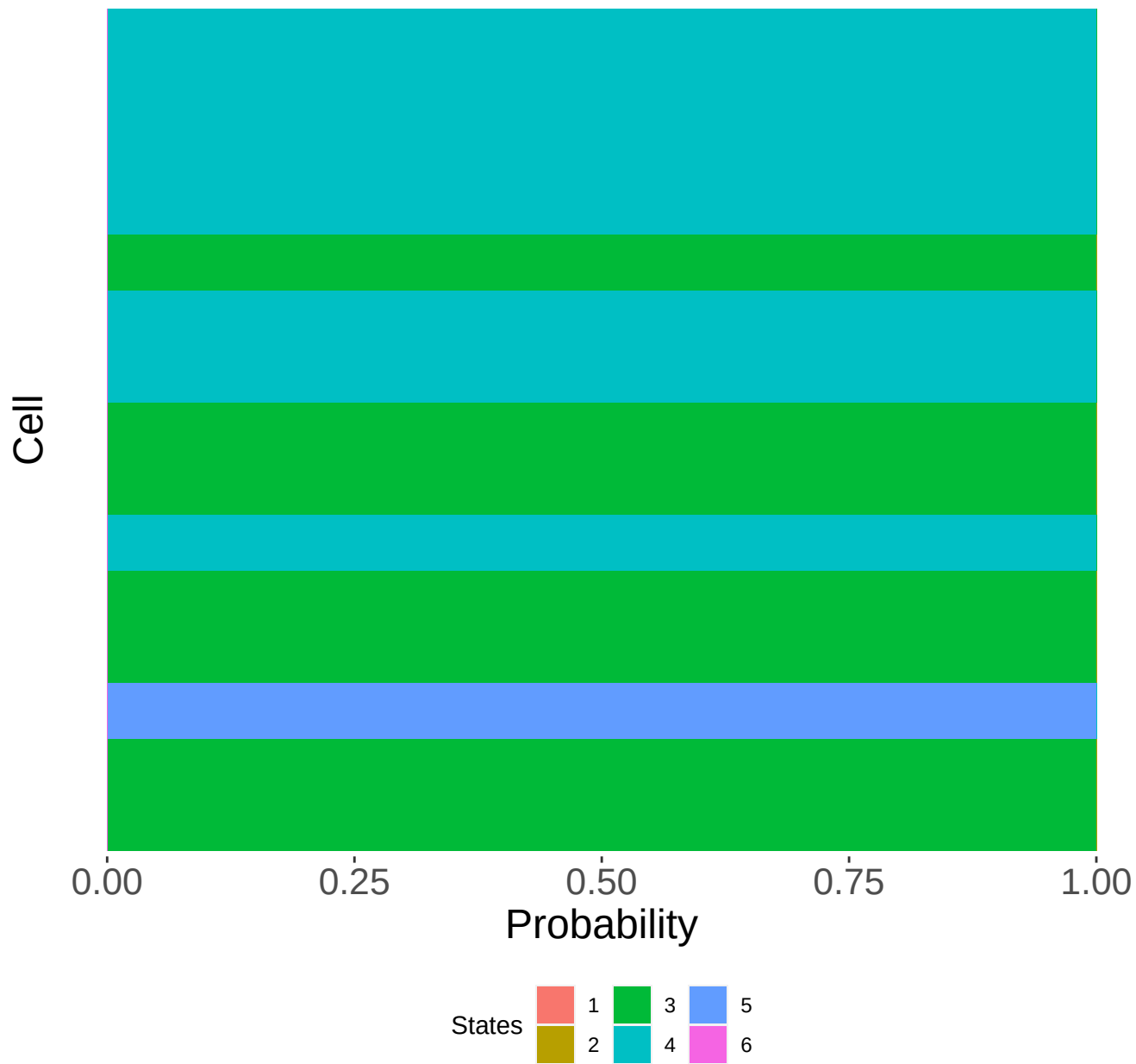
chr19-region_3028



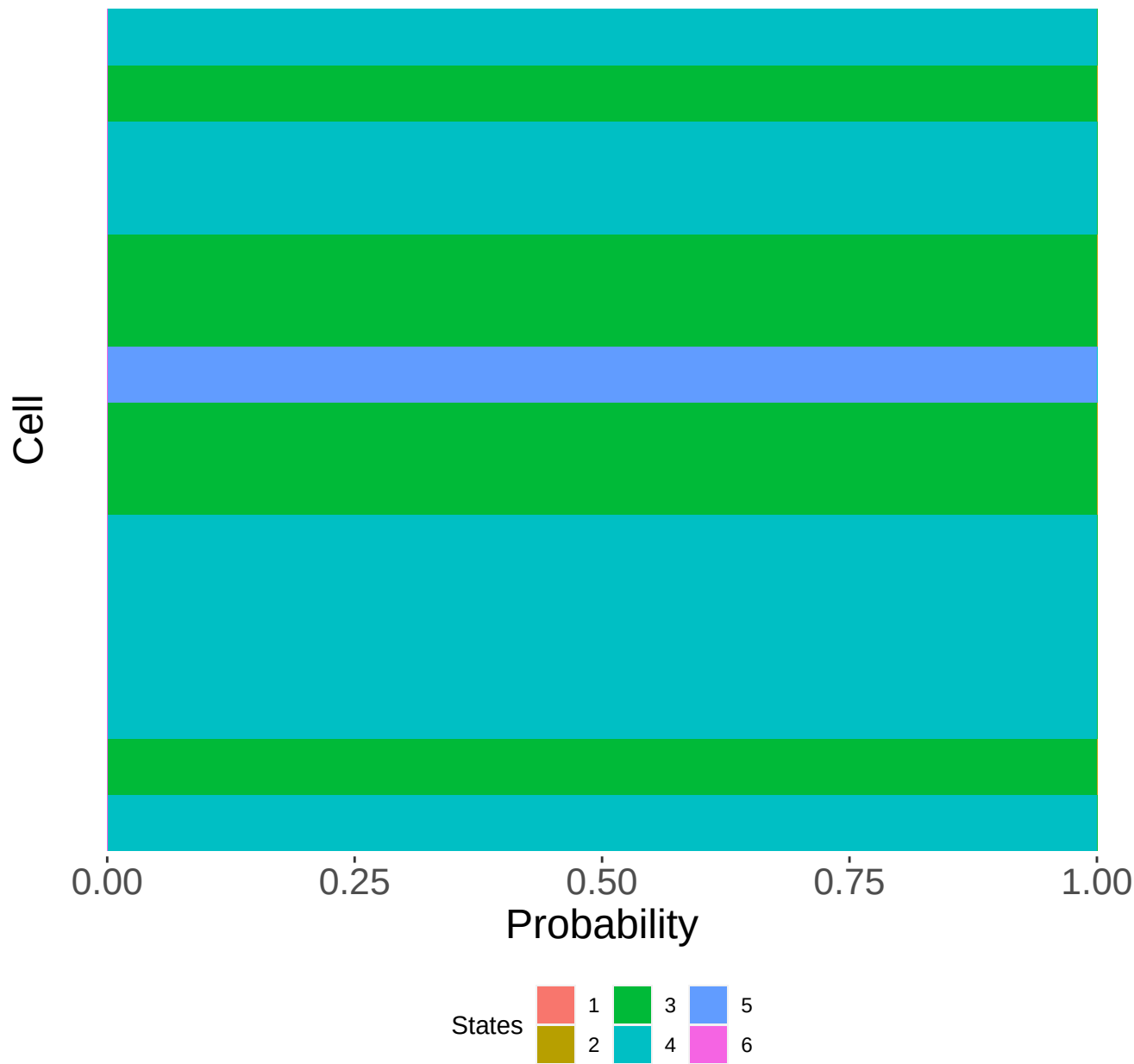
chr7-region_3037



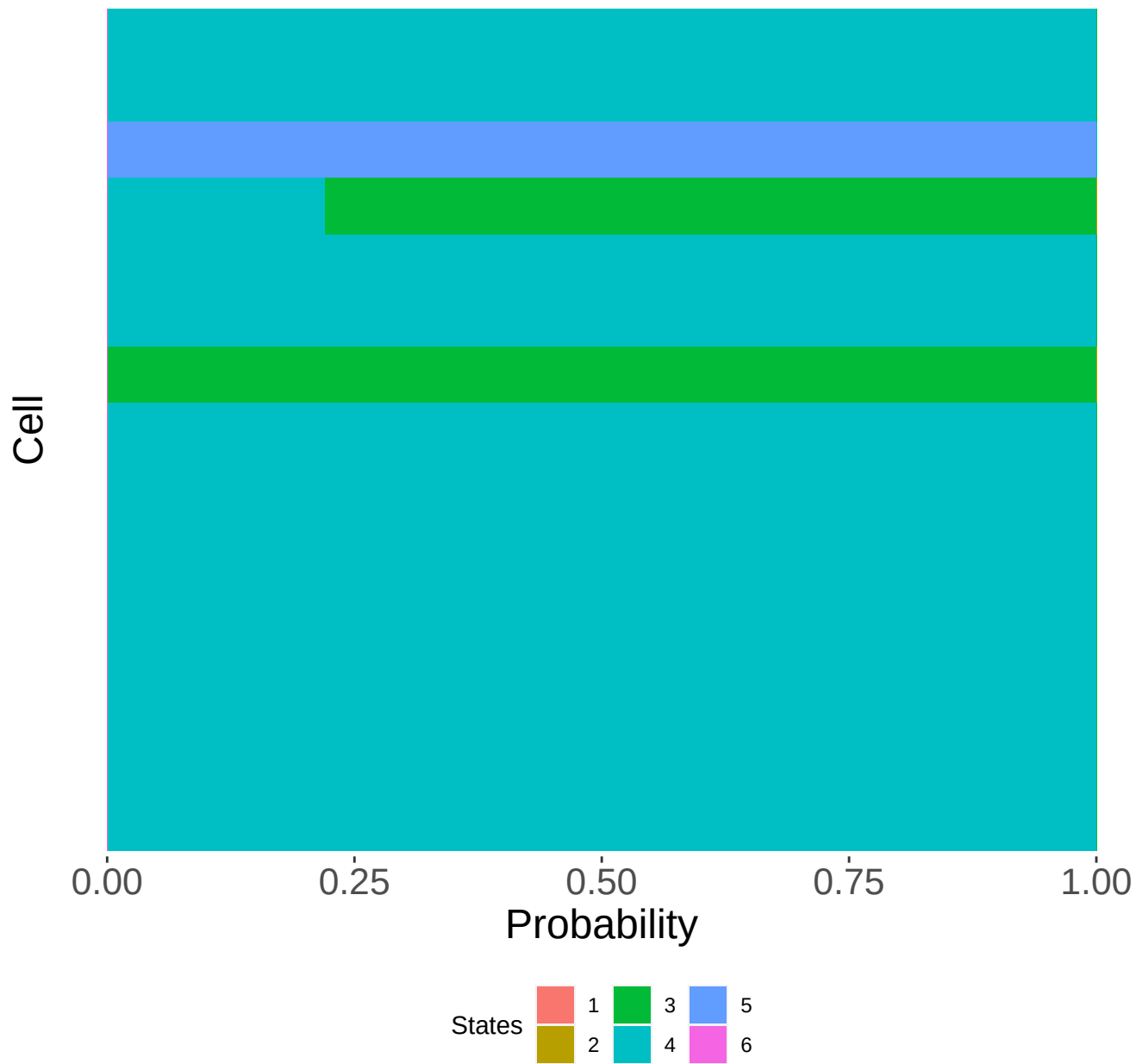
chr7-region_3039



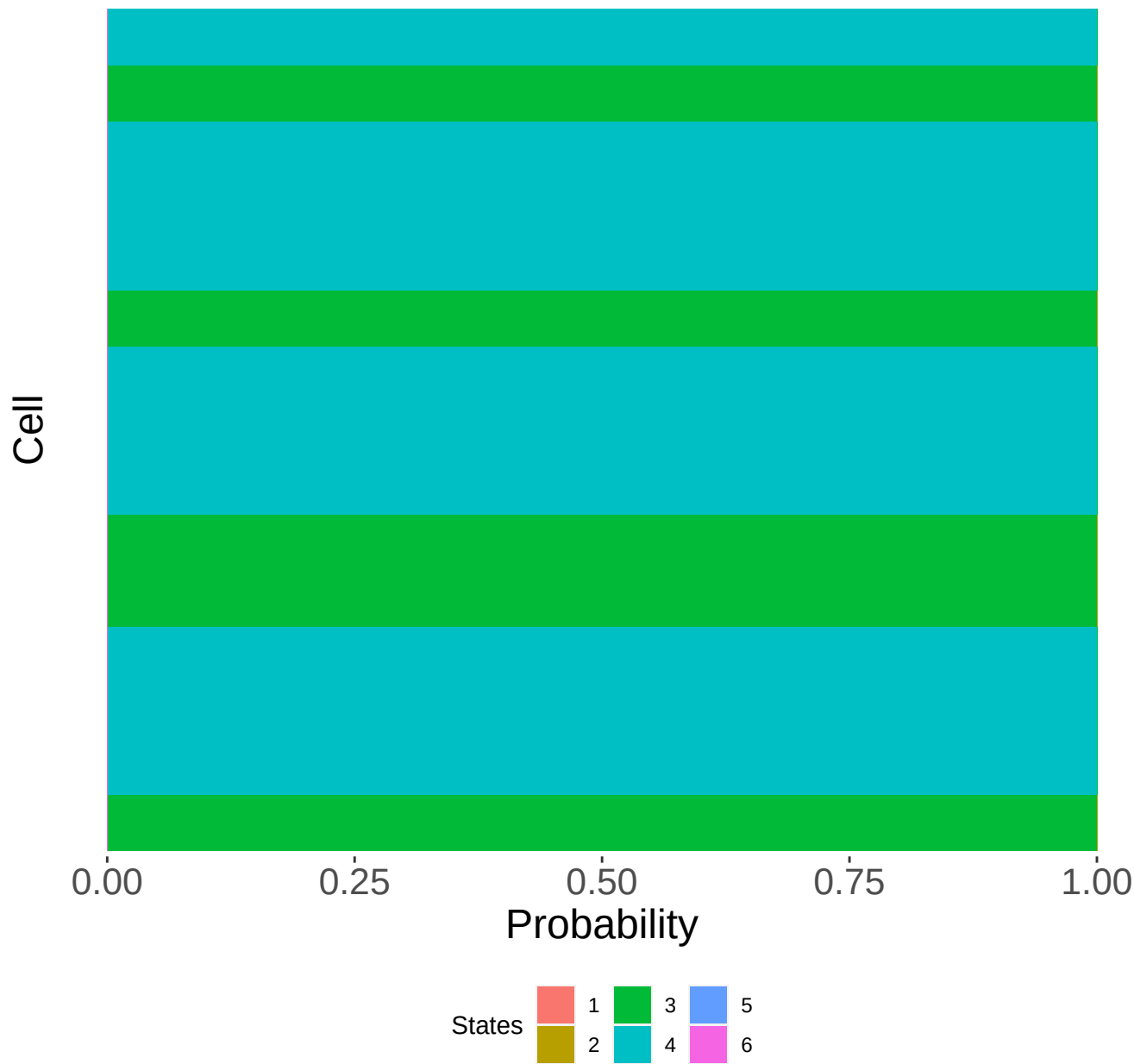
chr8-region_3042



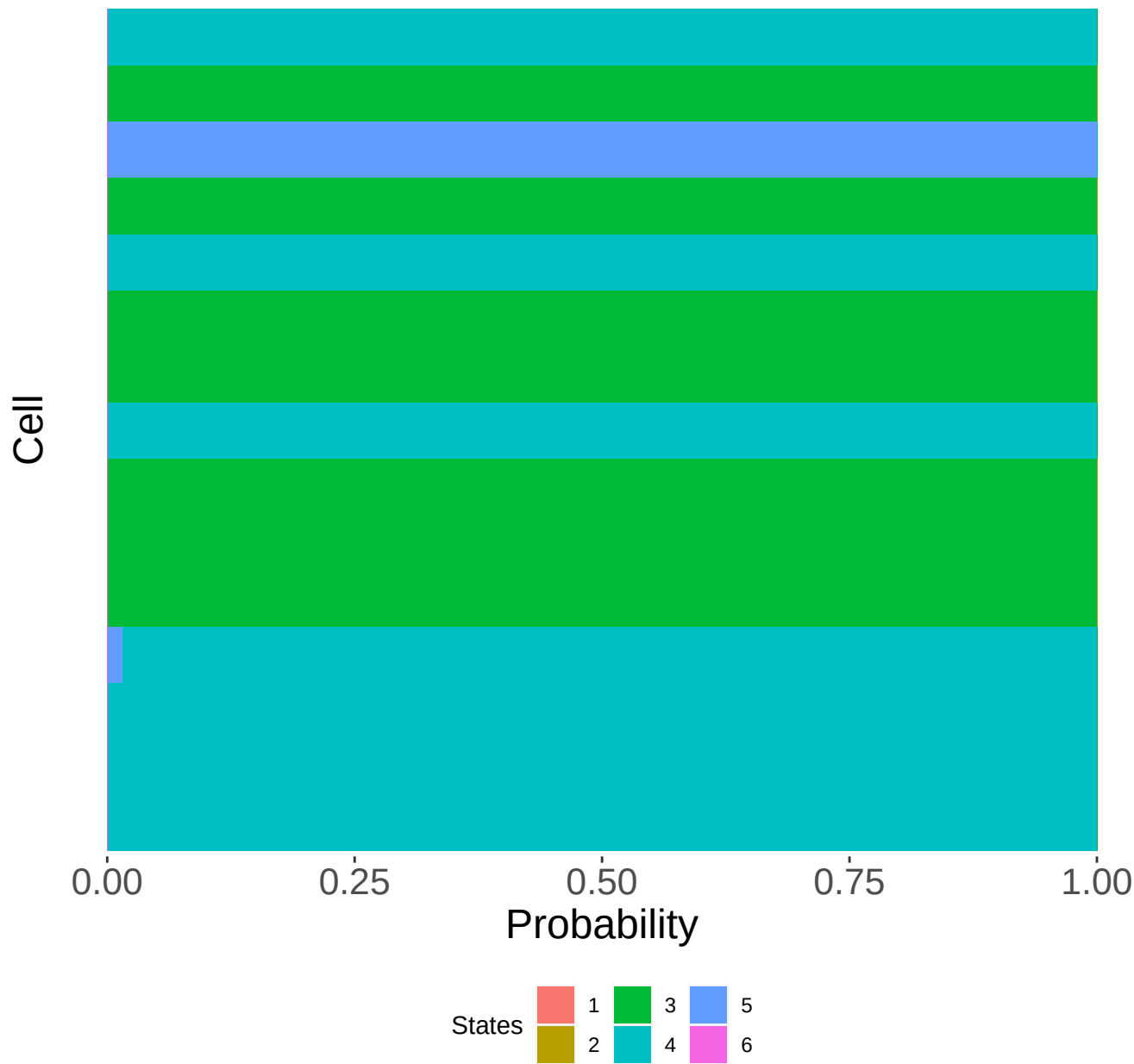
chr10-region_3046



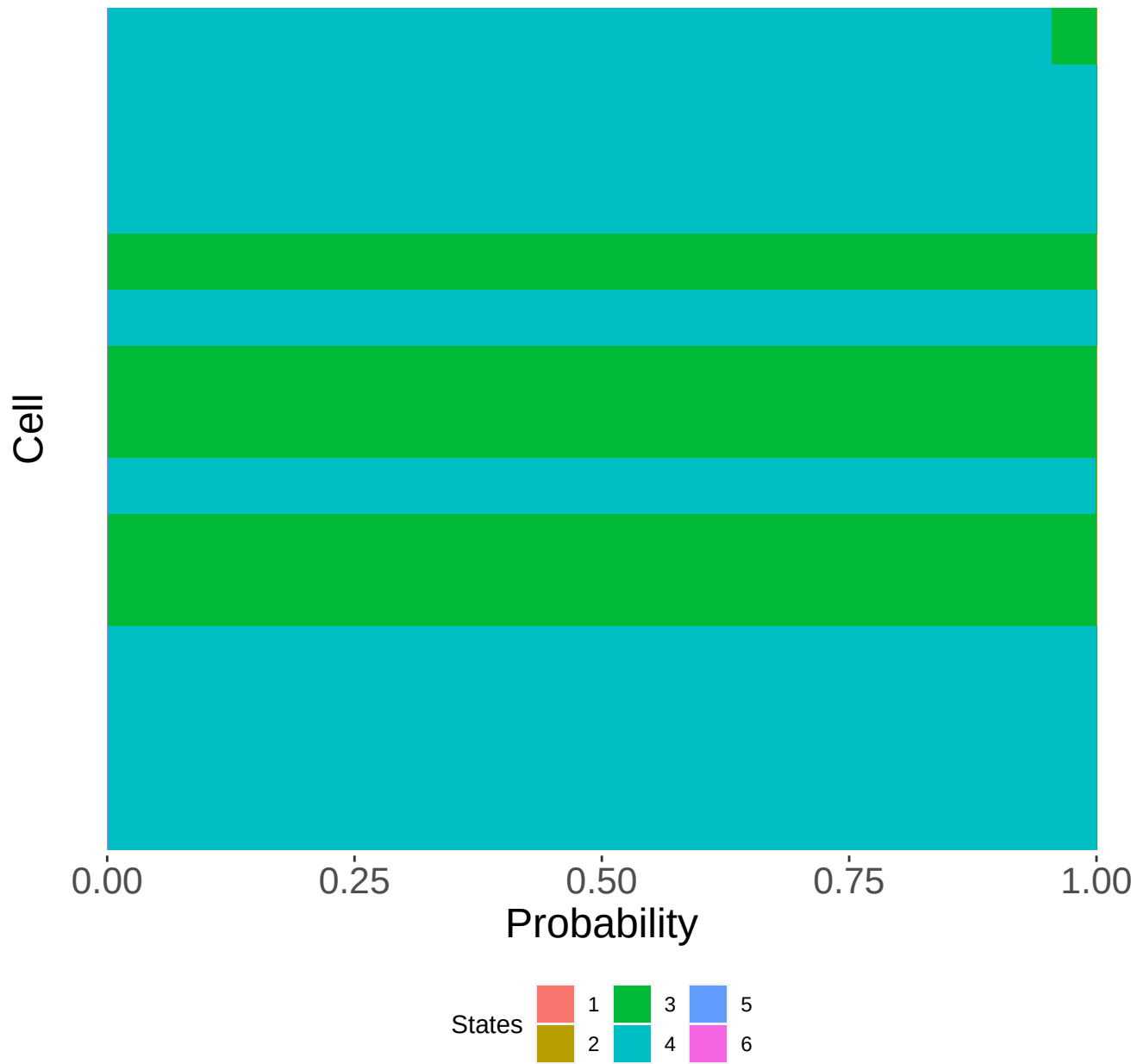
chr11-region_3049



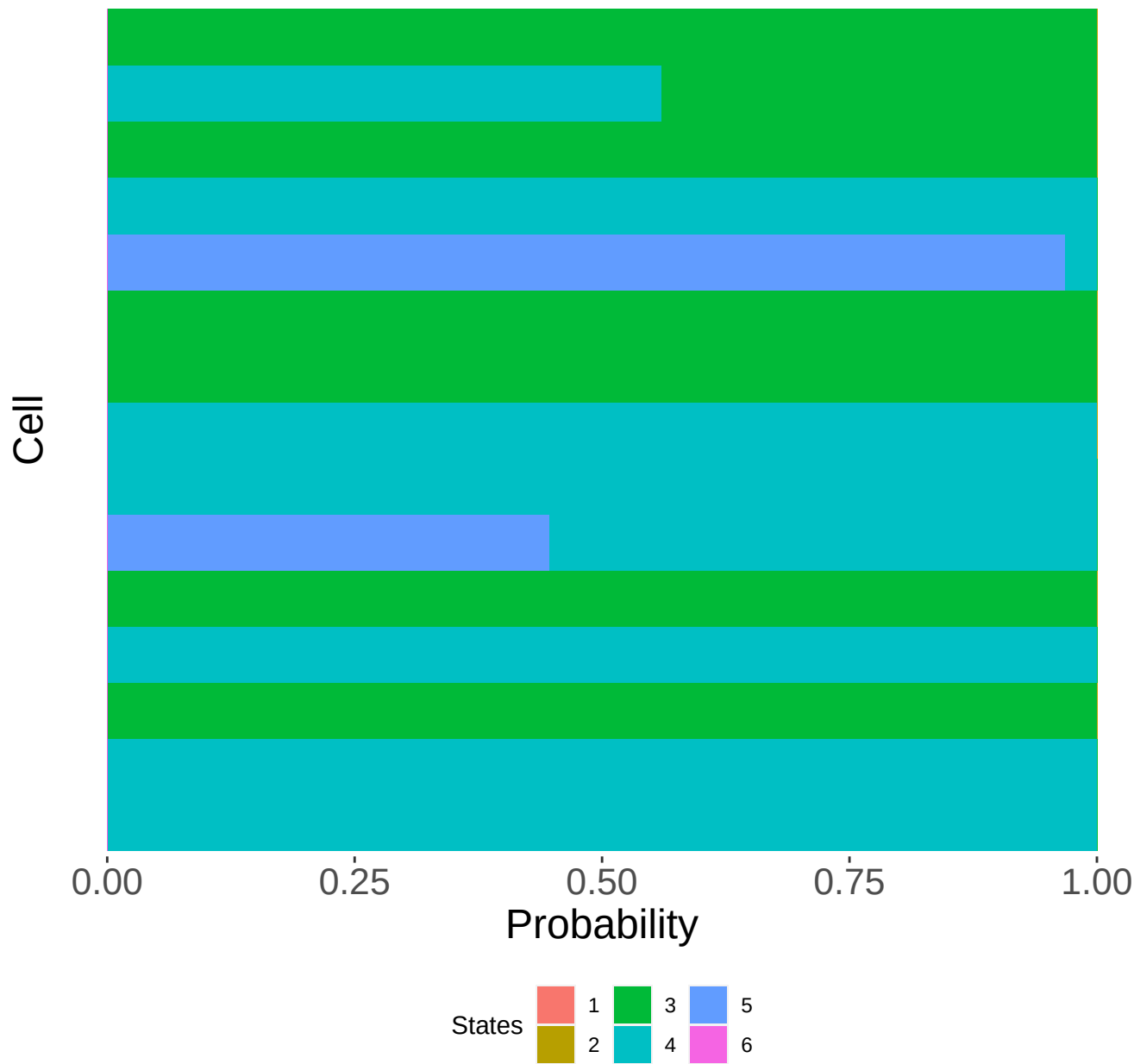
chr15-region_3054



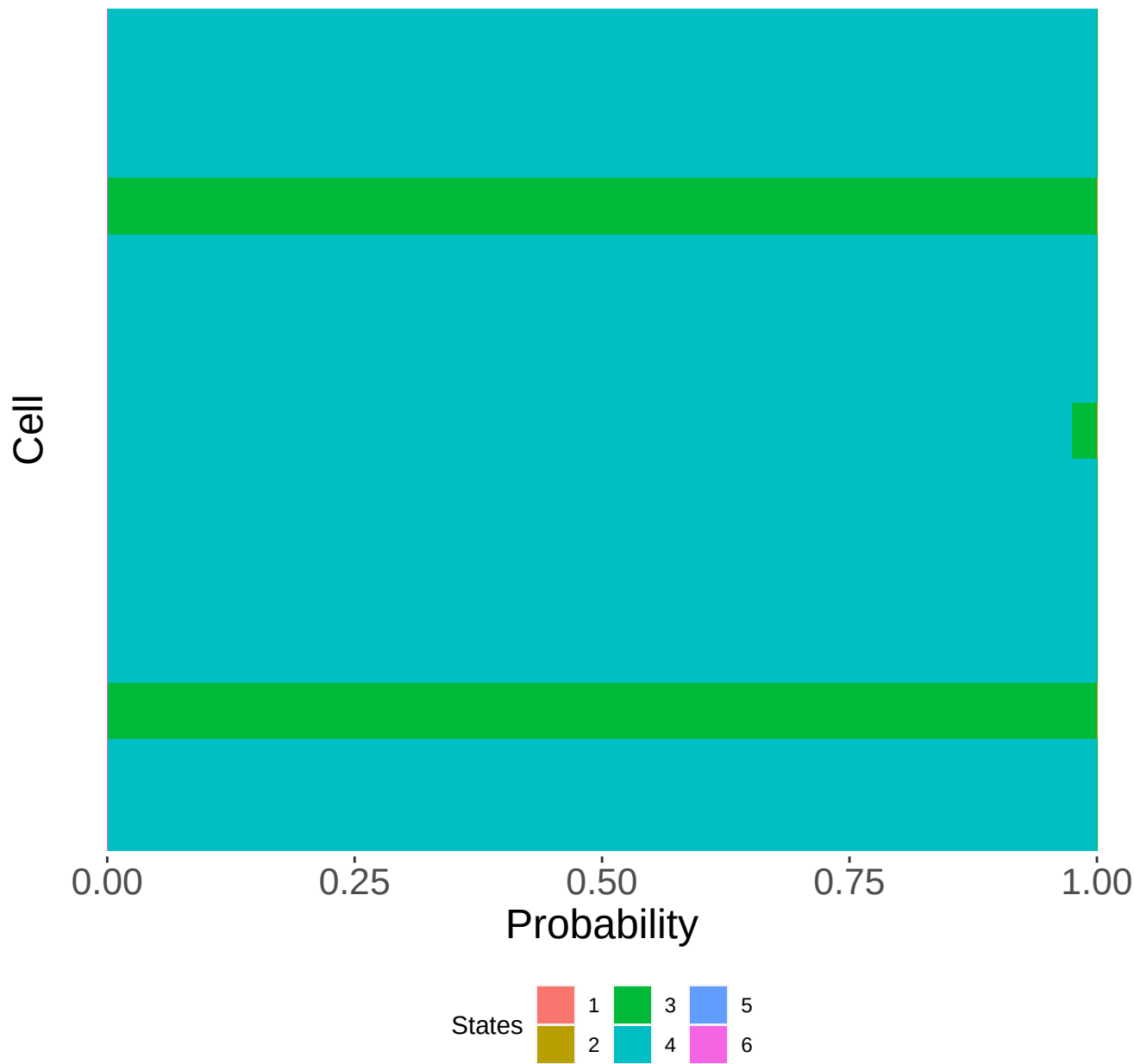
chr17-region_3058



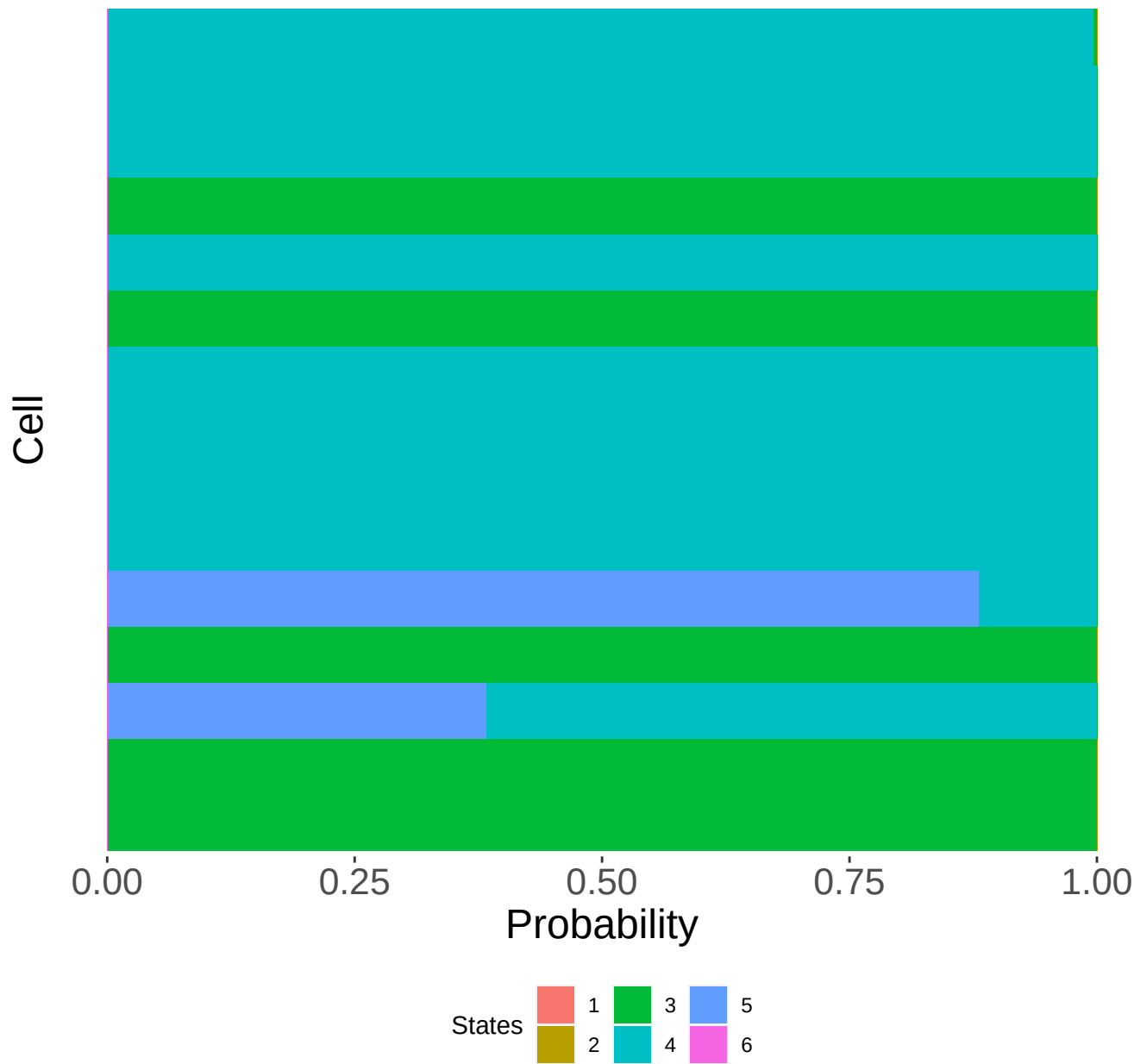
chr19-region_3061



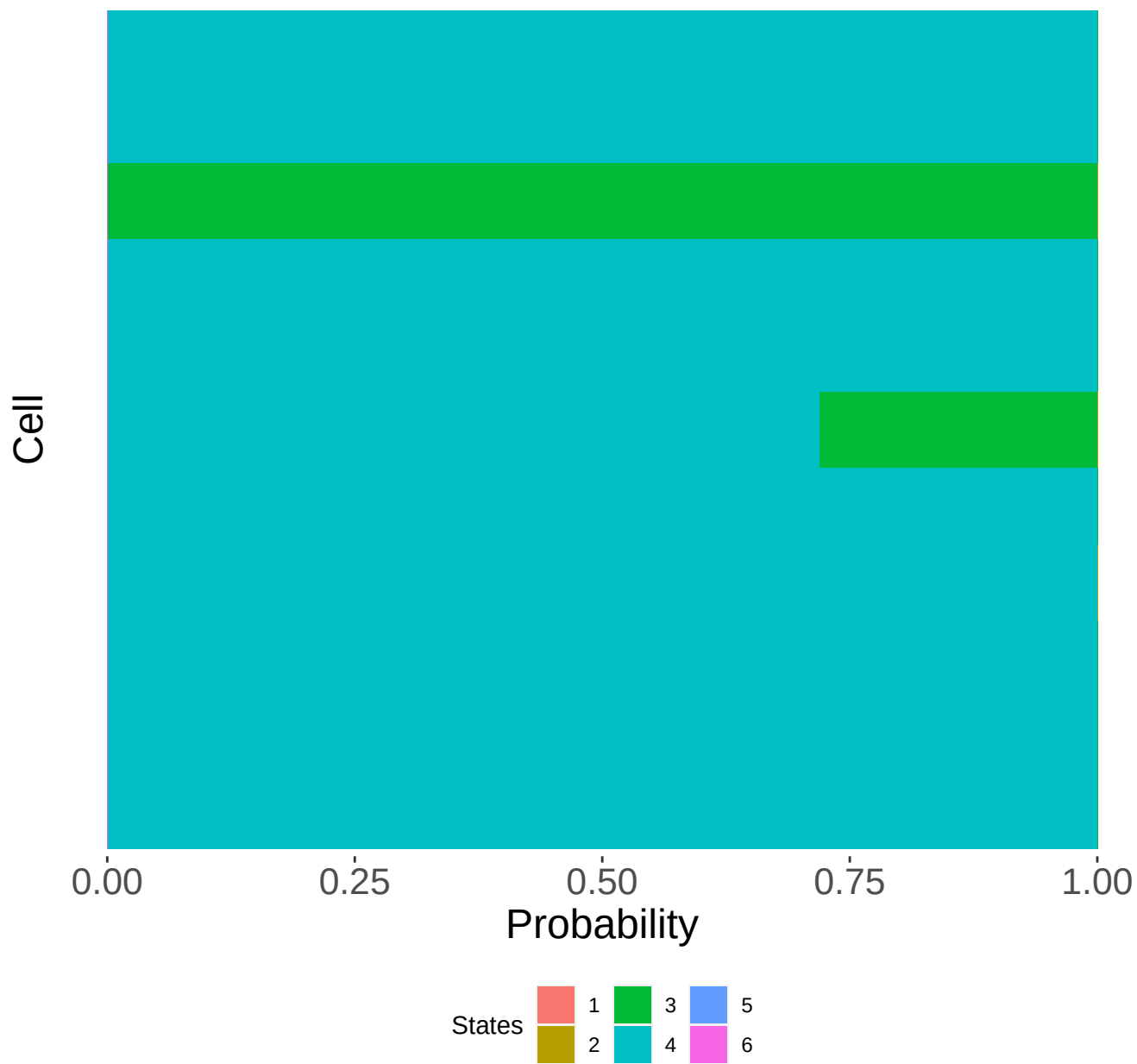
chr10-region_3073



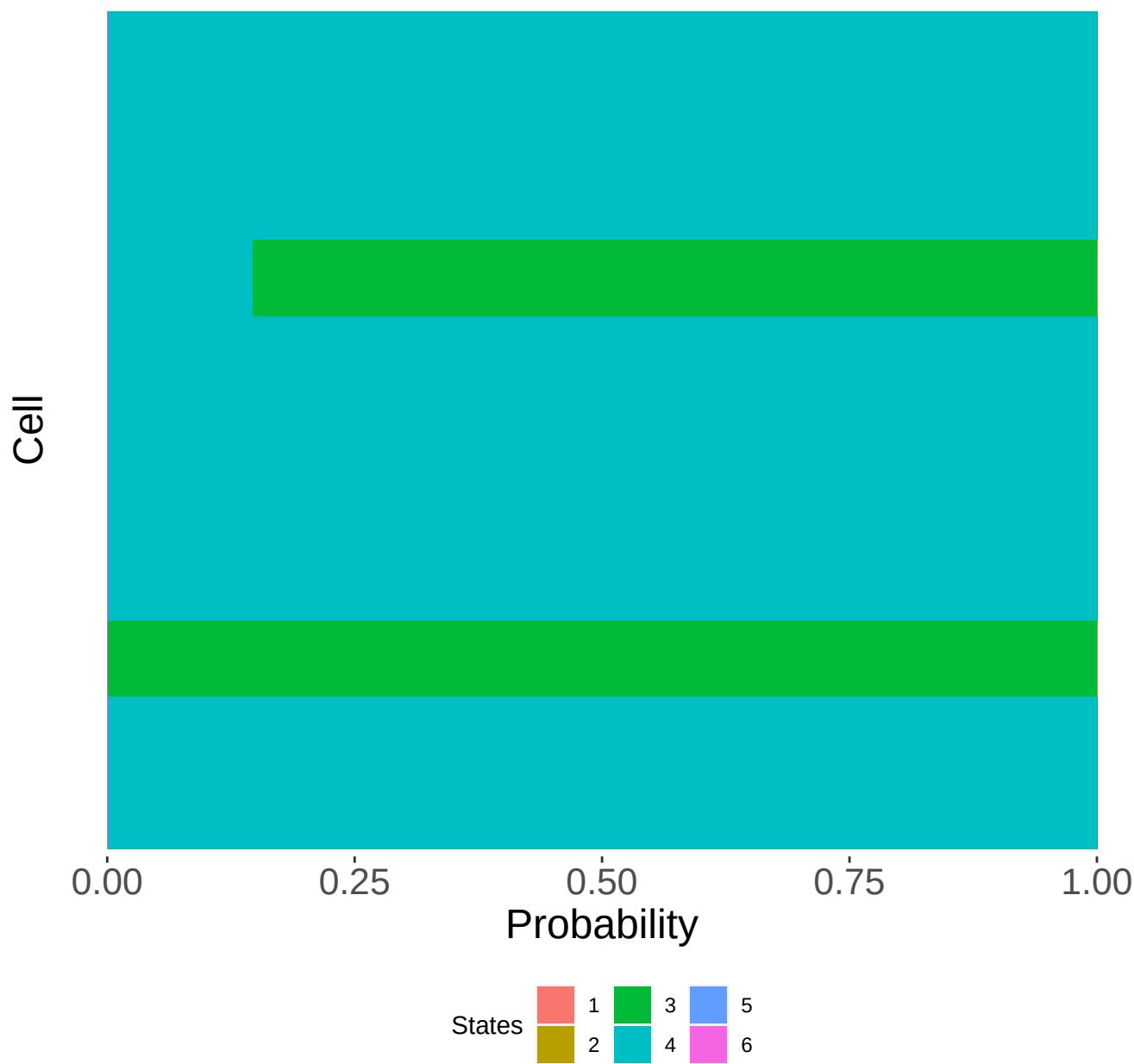
chr17-region_3082



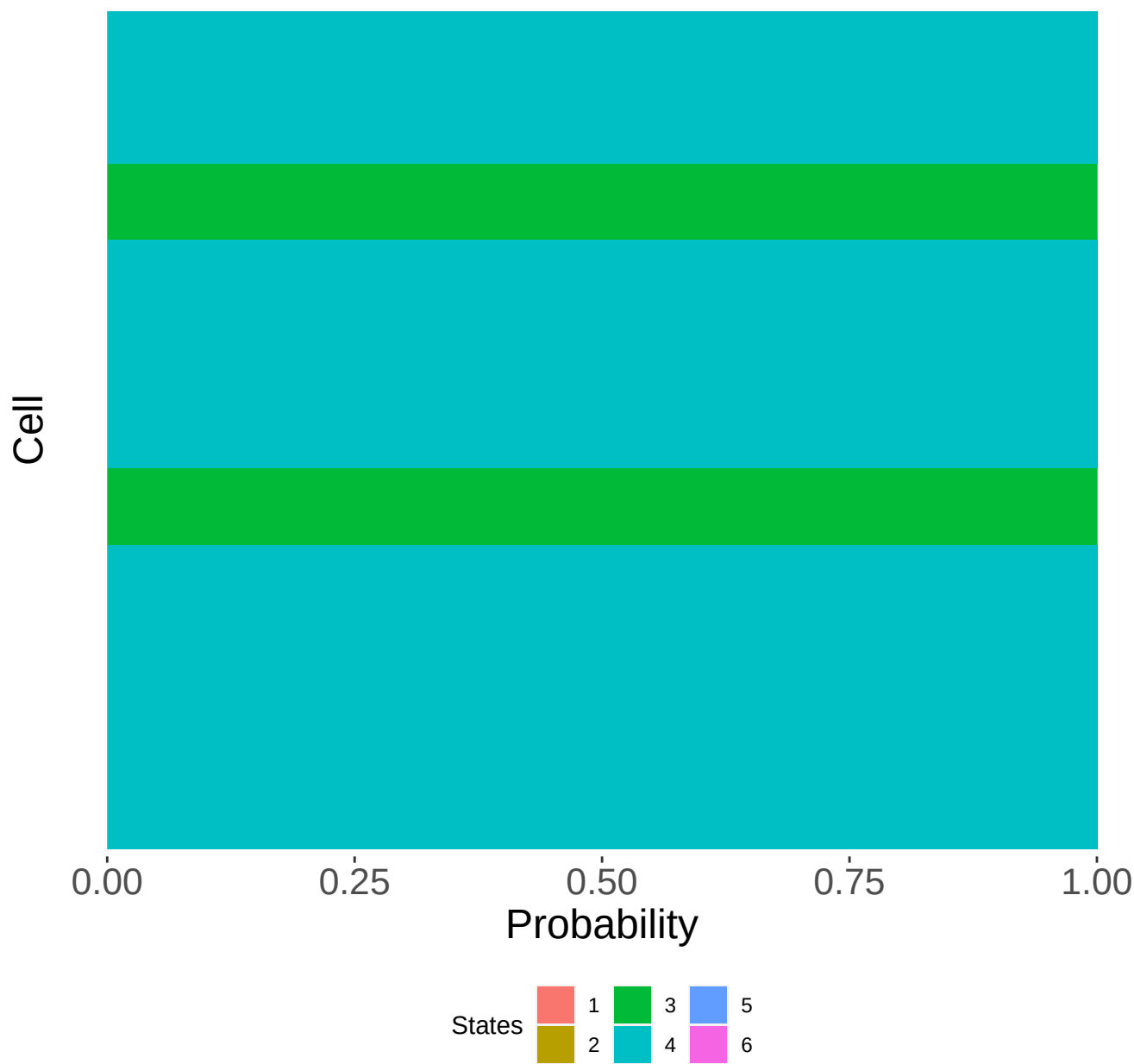
chr7-region_3093



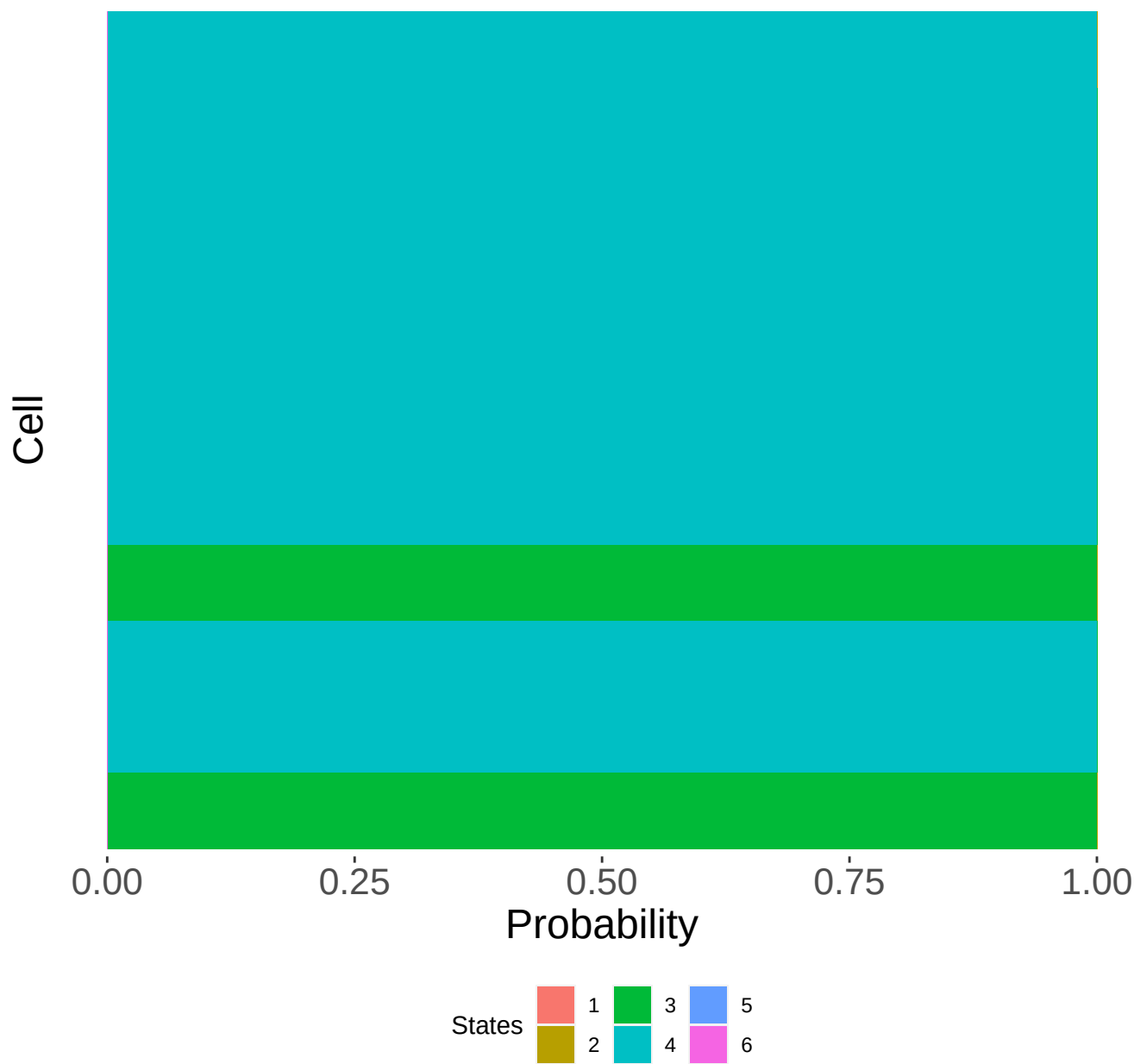
chr8-region_3096



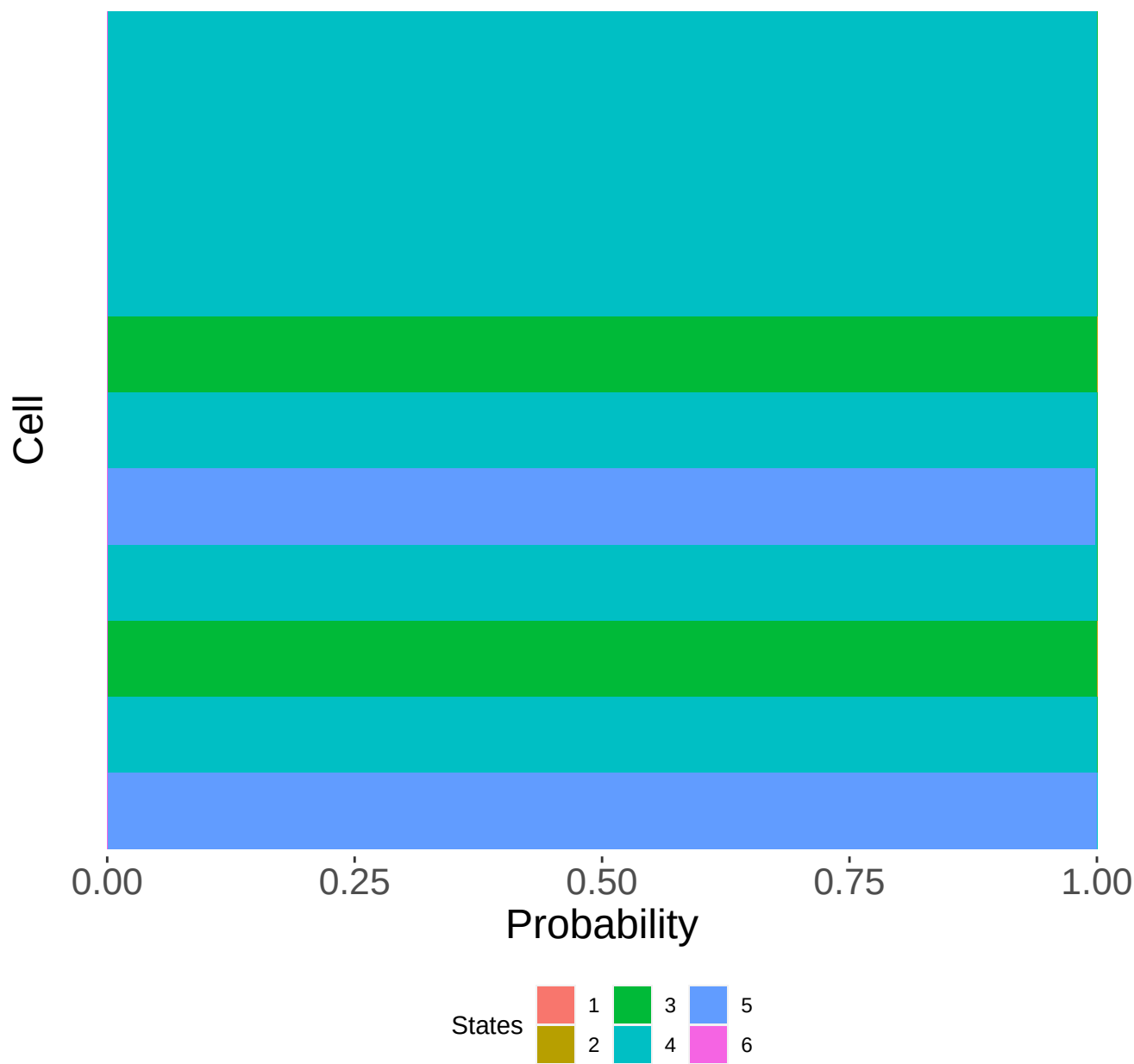
chr10-region_3100



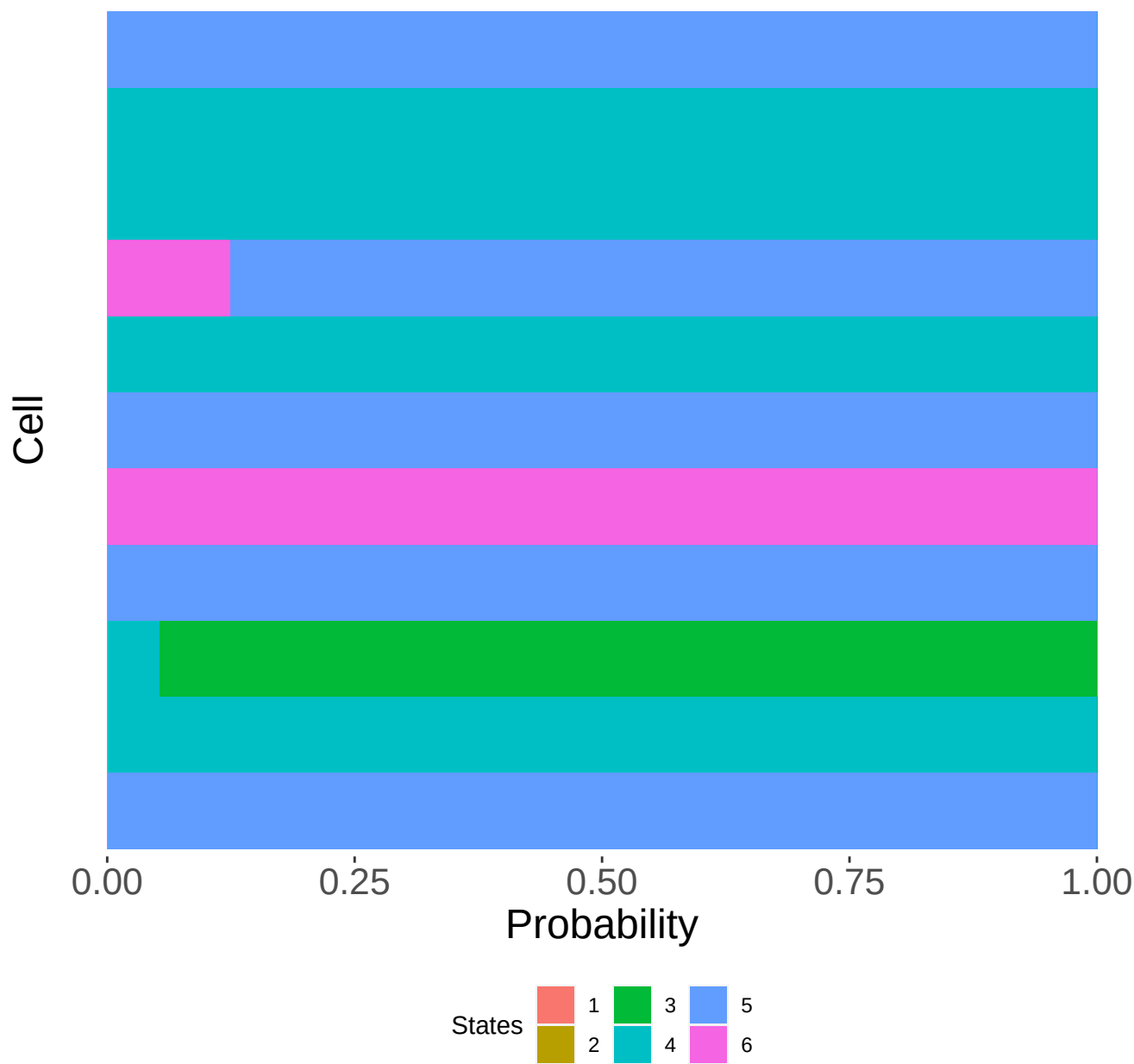
chr11-region_3103



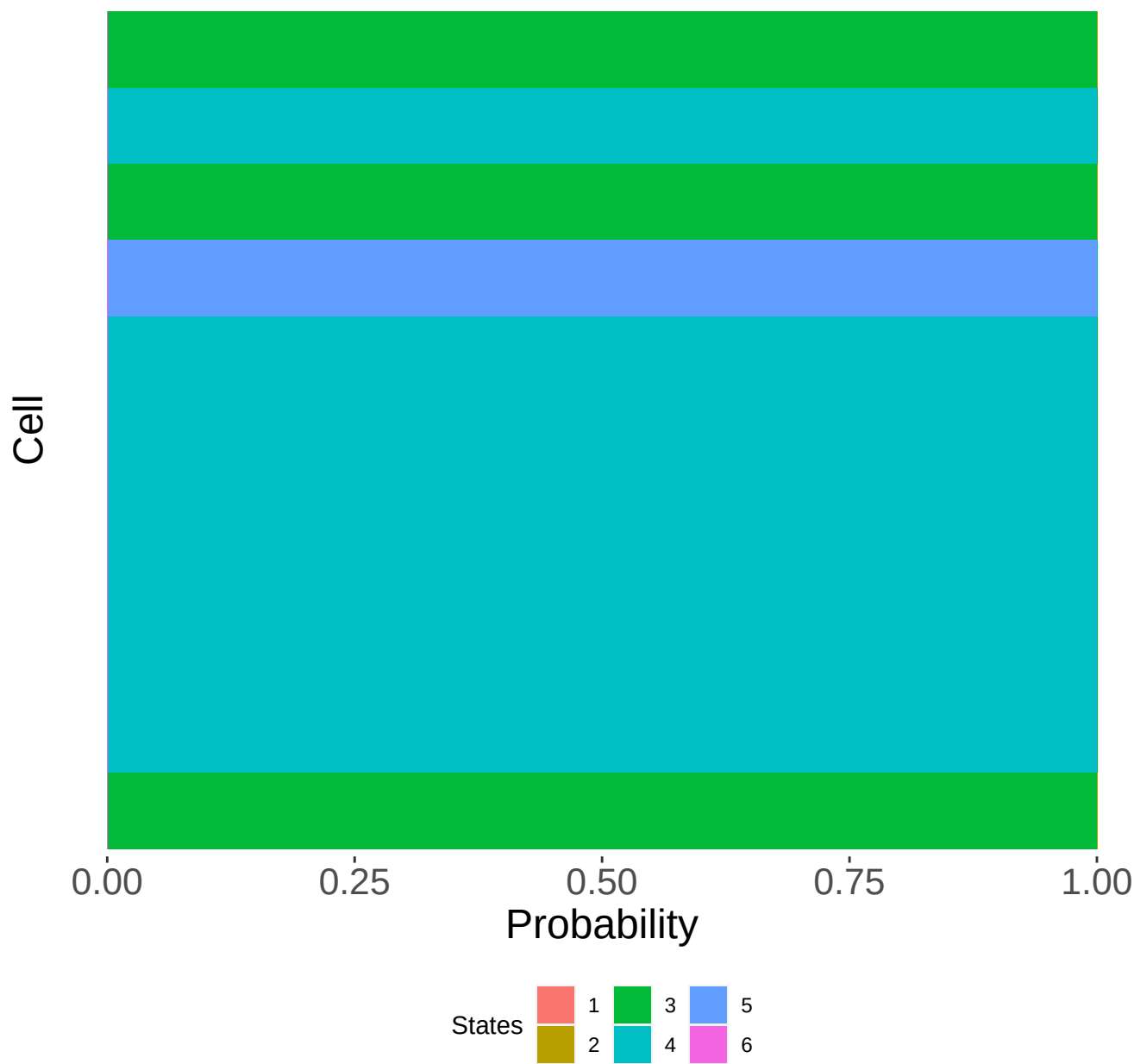
chr17-region_3111



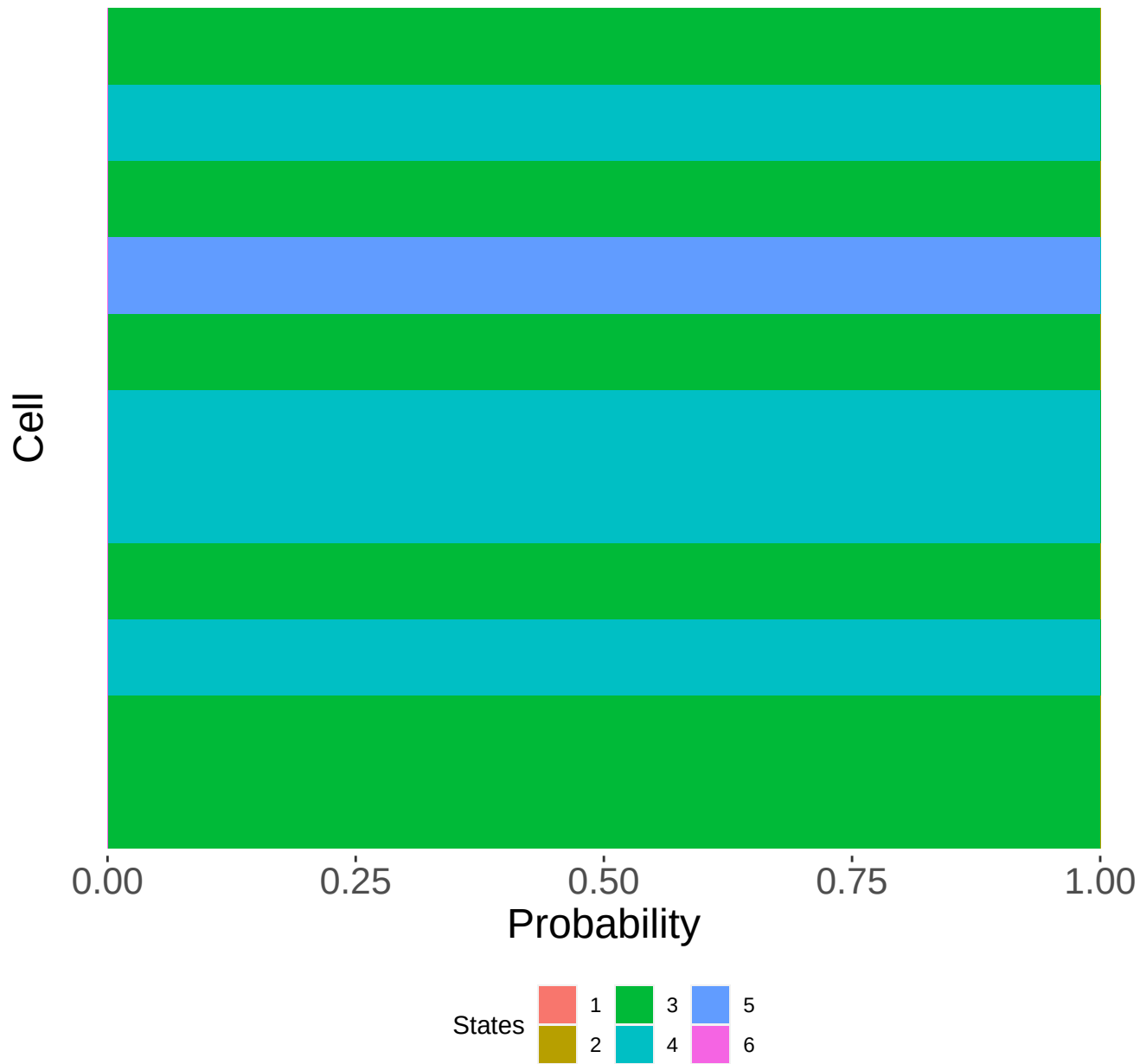
chr17-region_3112



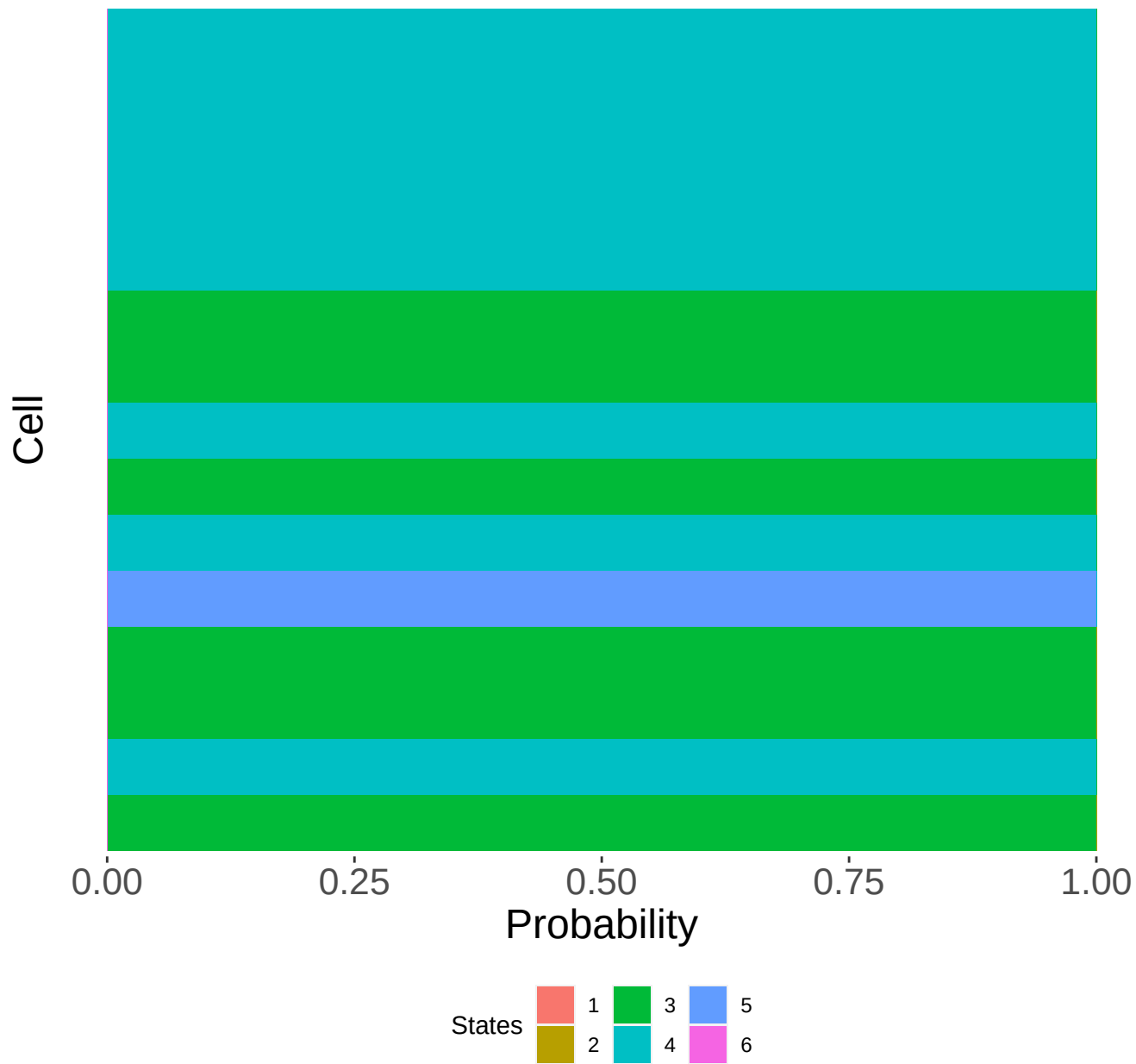
chr17-region_3113



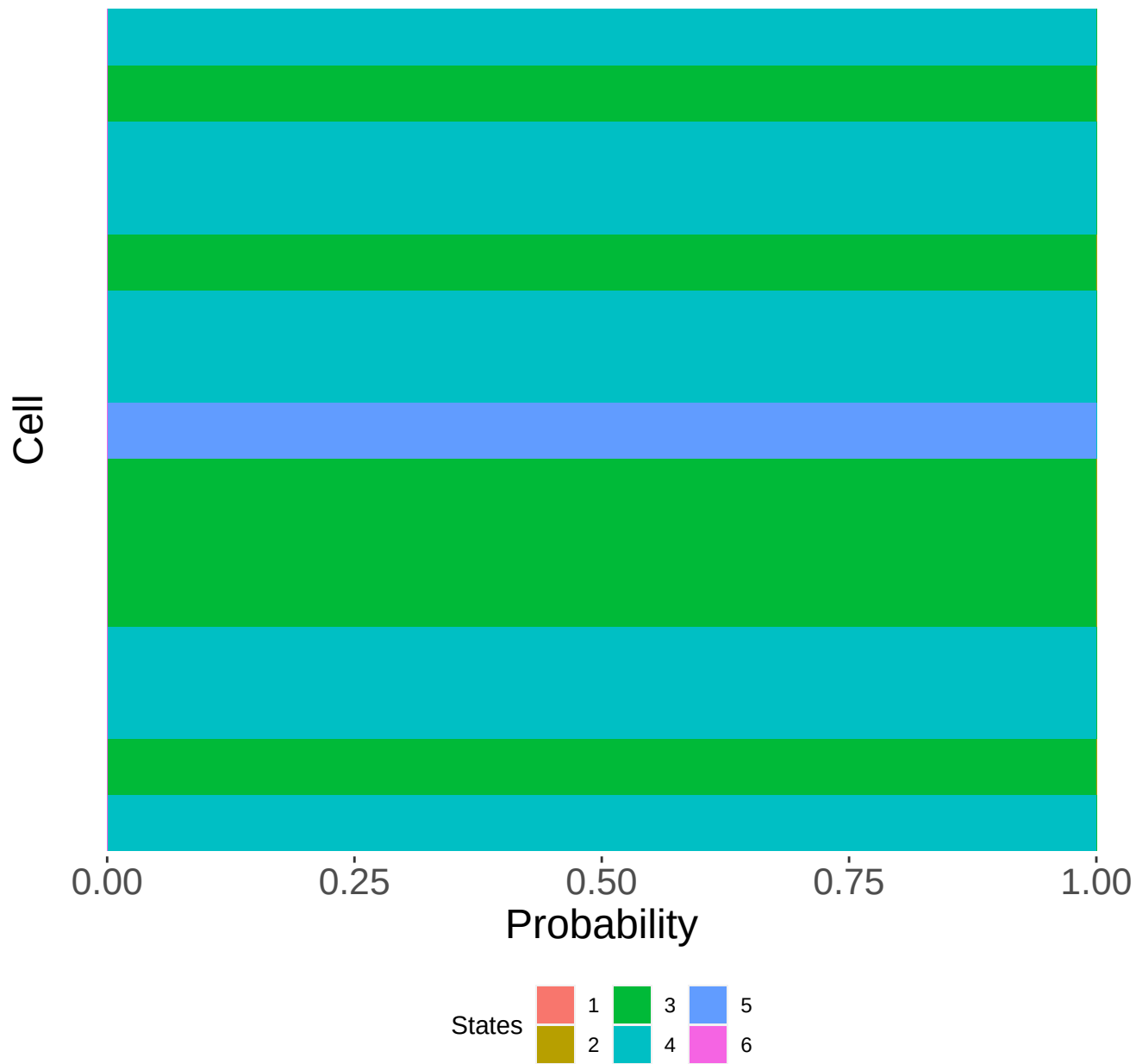
chr19-region_3116



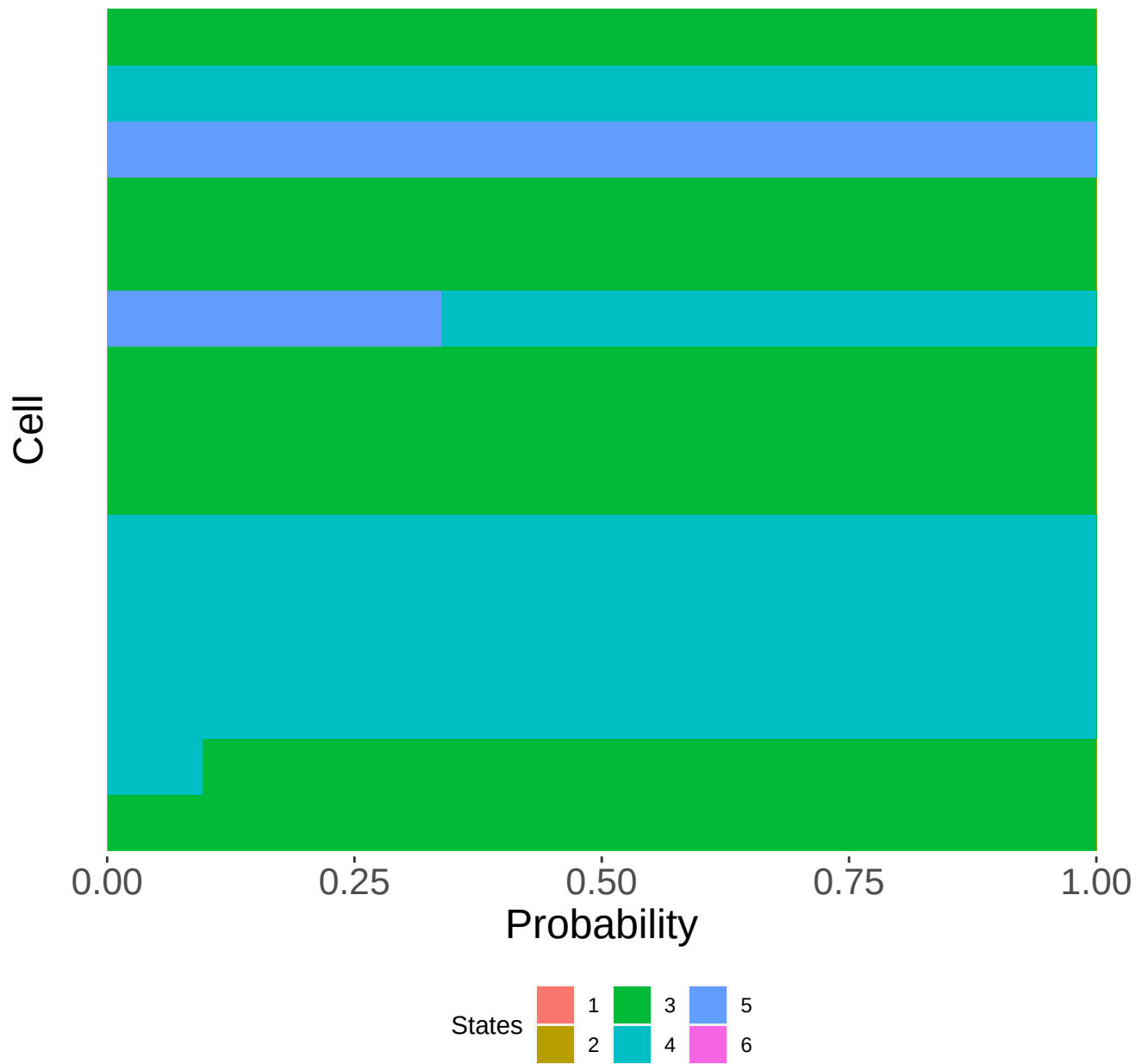
chr7-region_3125



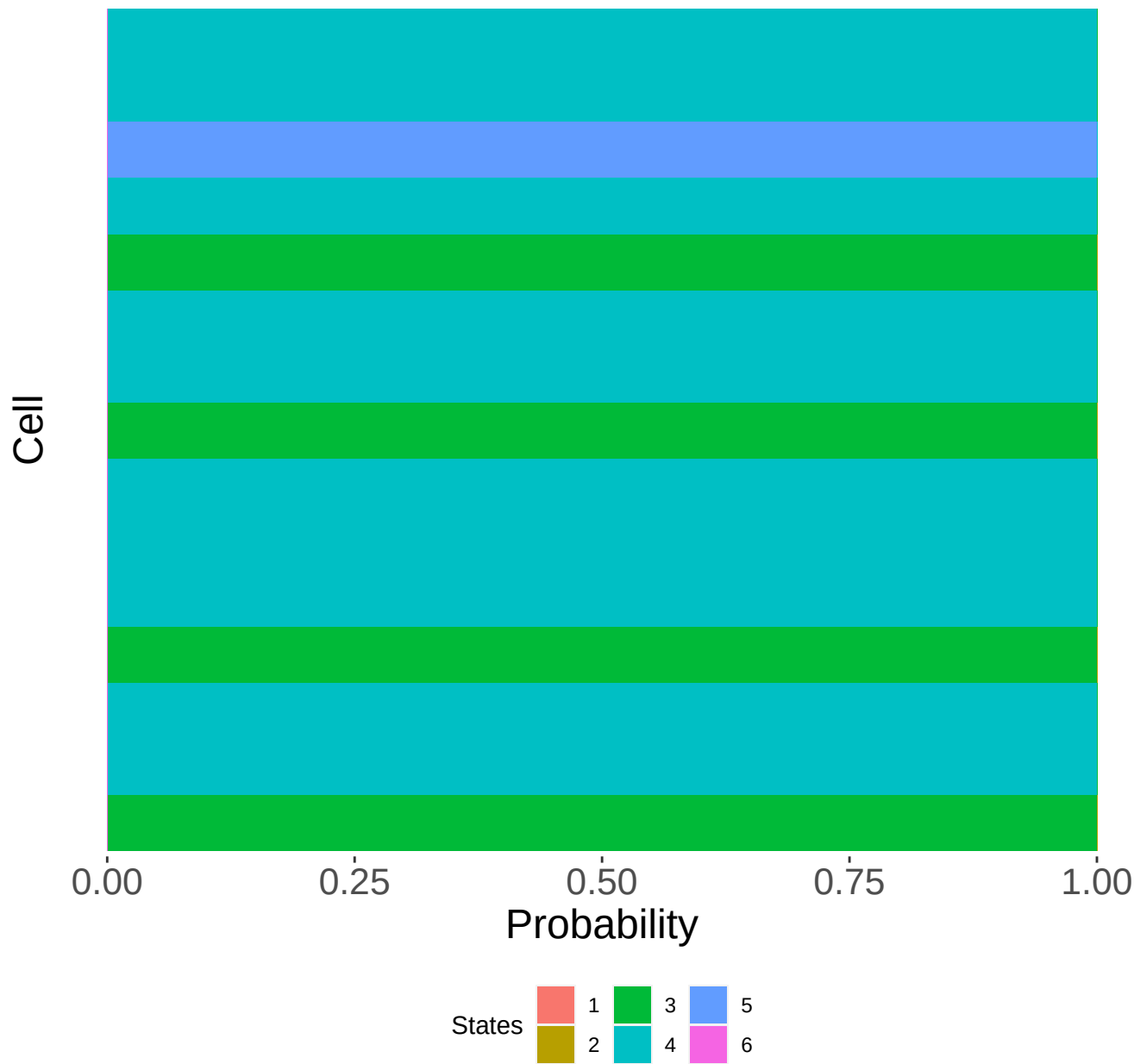
chr8-region_3128



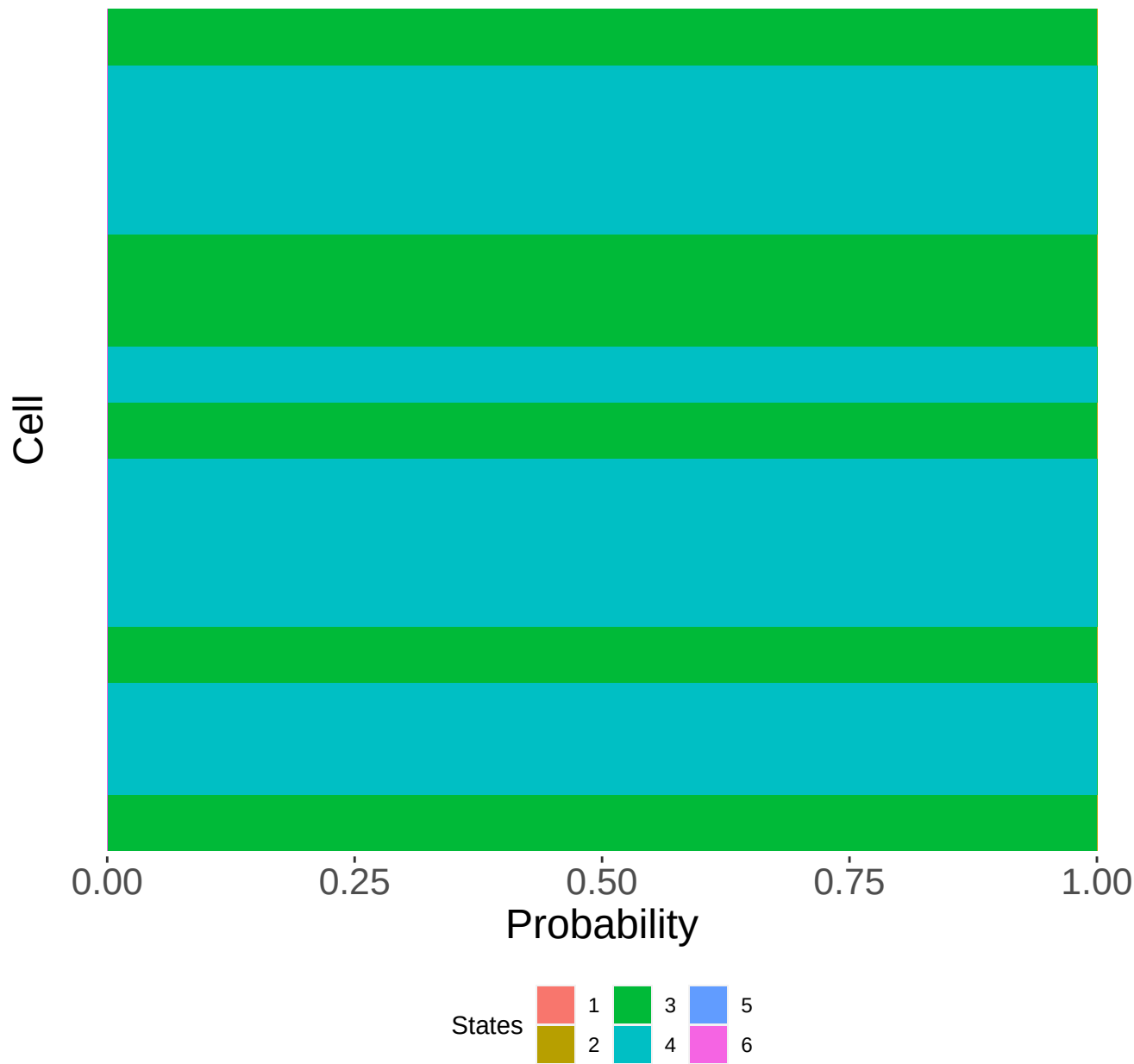
chr12-region_3133



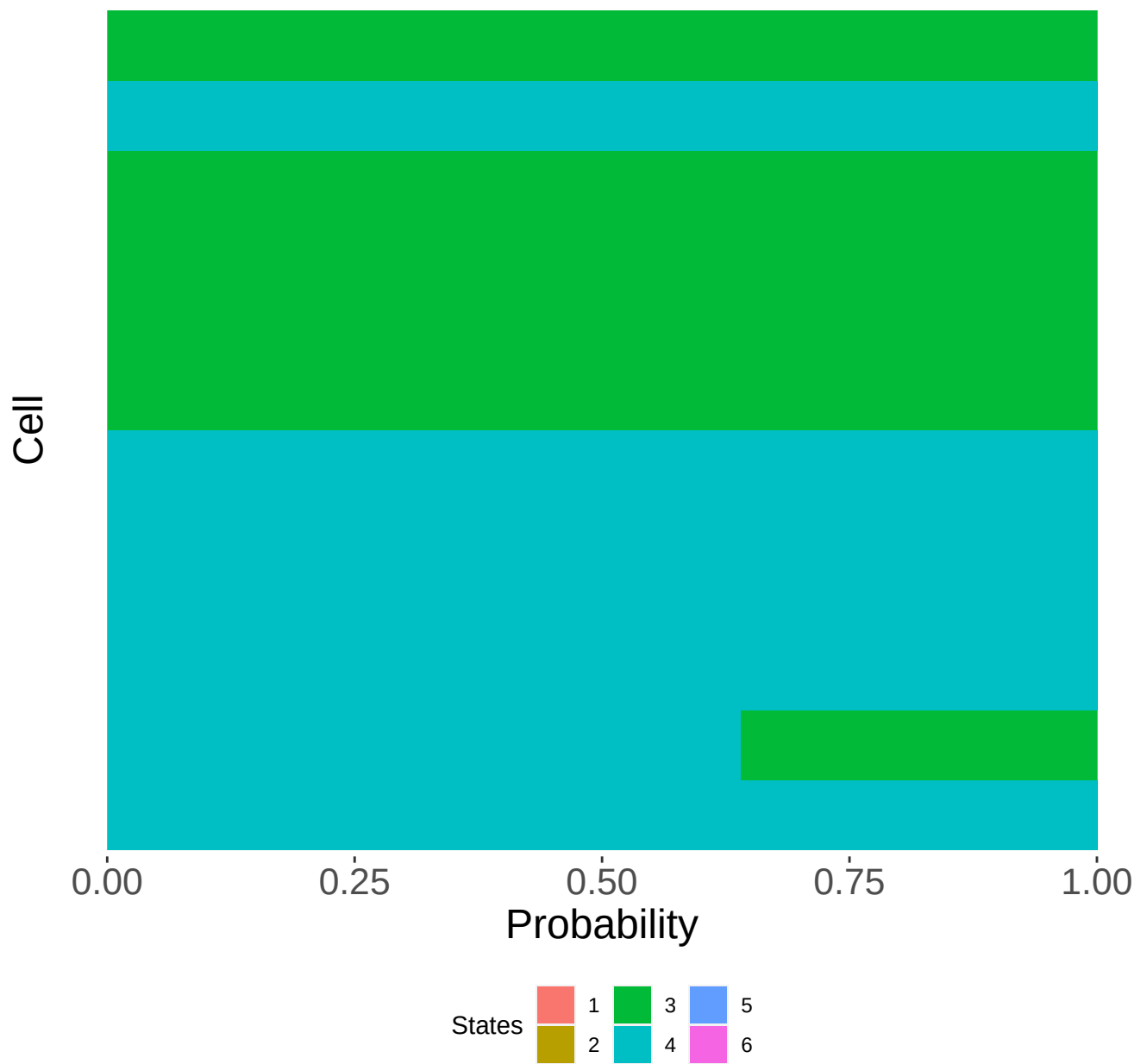
chr17-region_3139



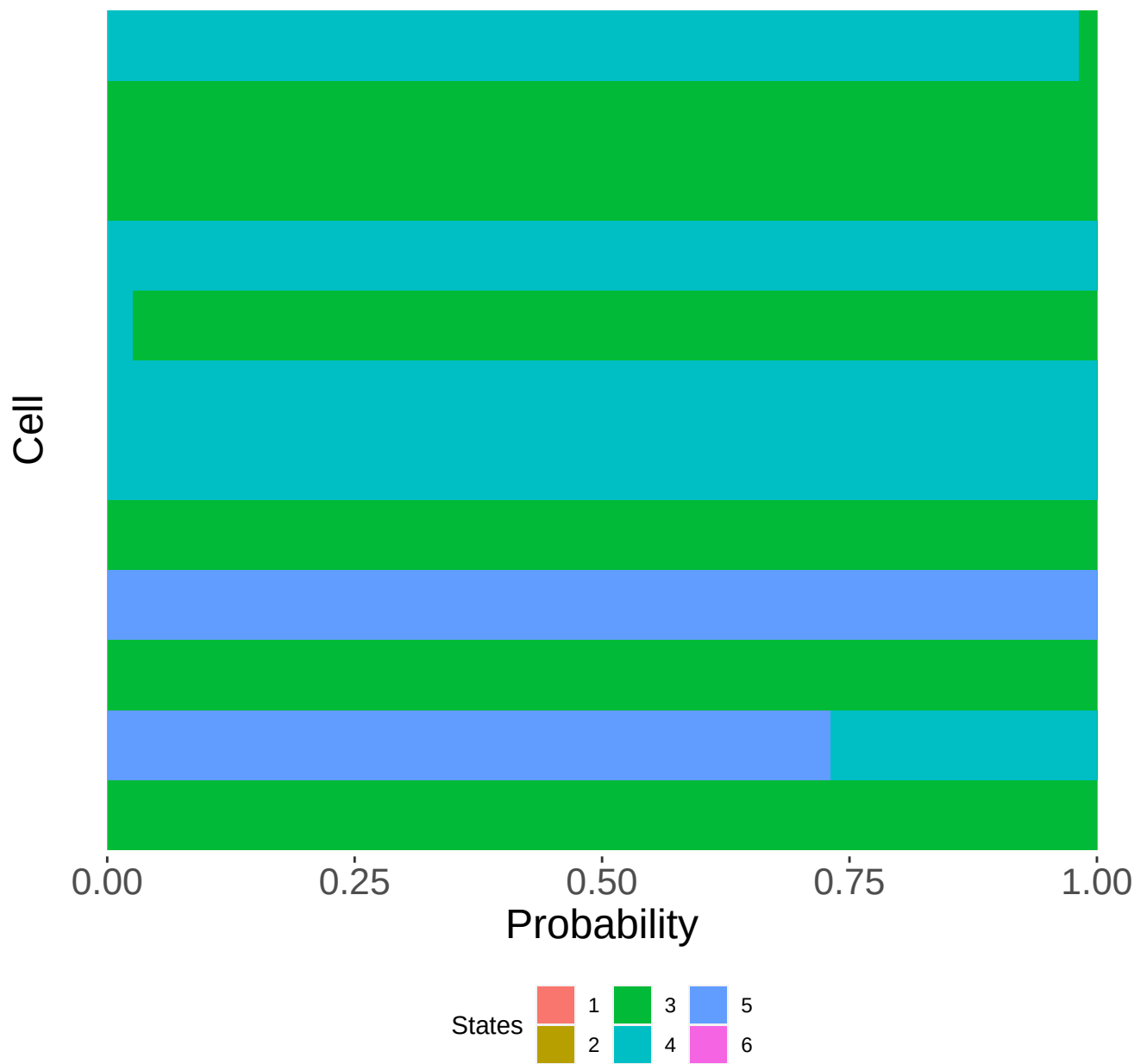
chr19-region_3142



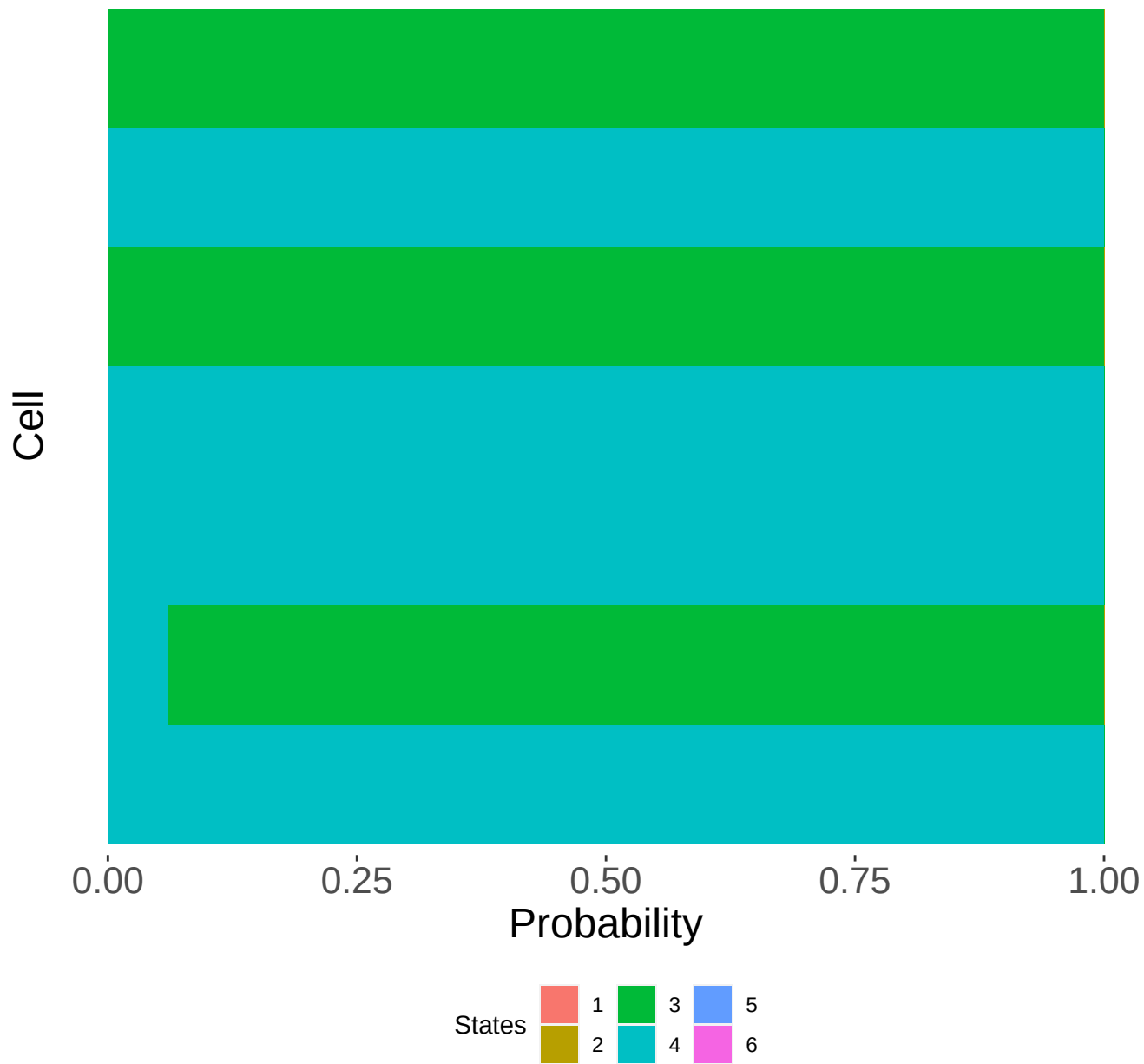
chr7-region_3151



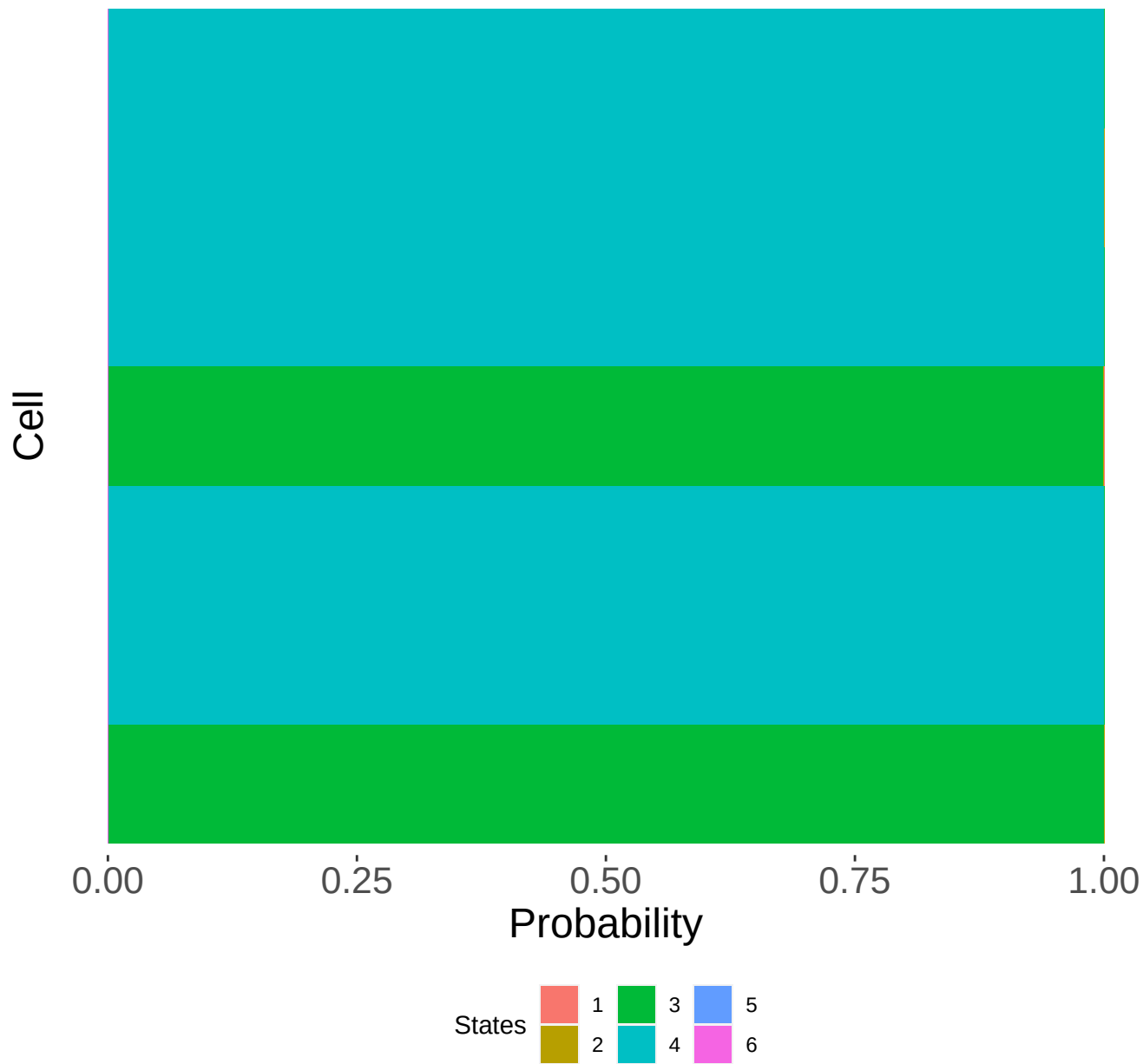
chr12-region_3158



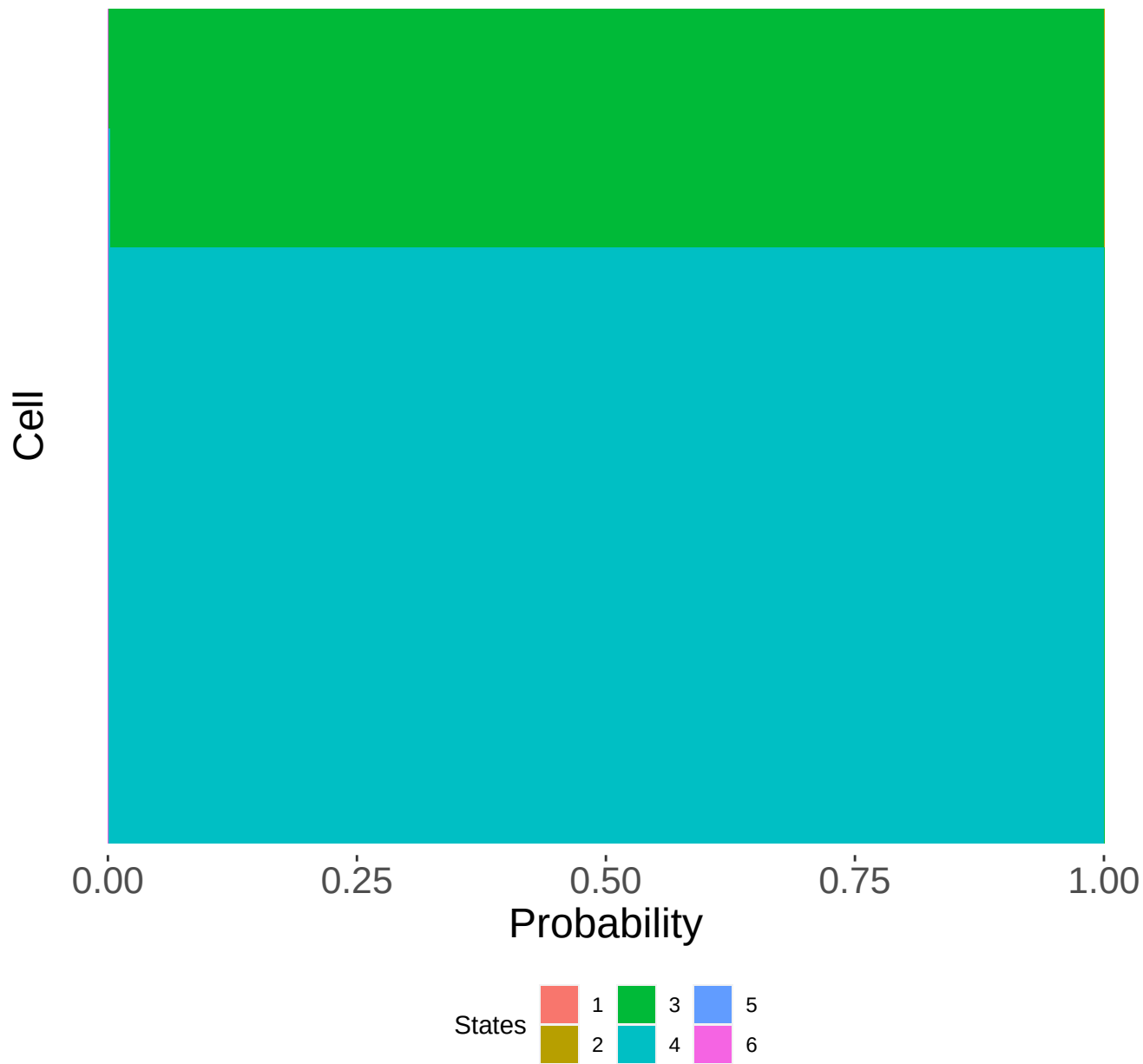
chr3-region_3169



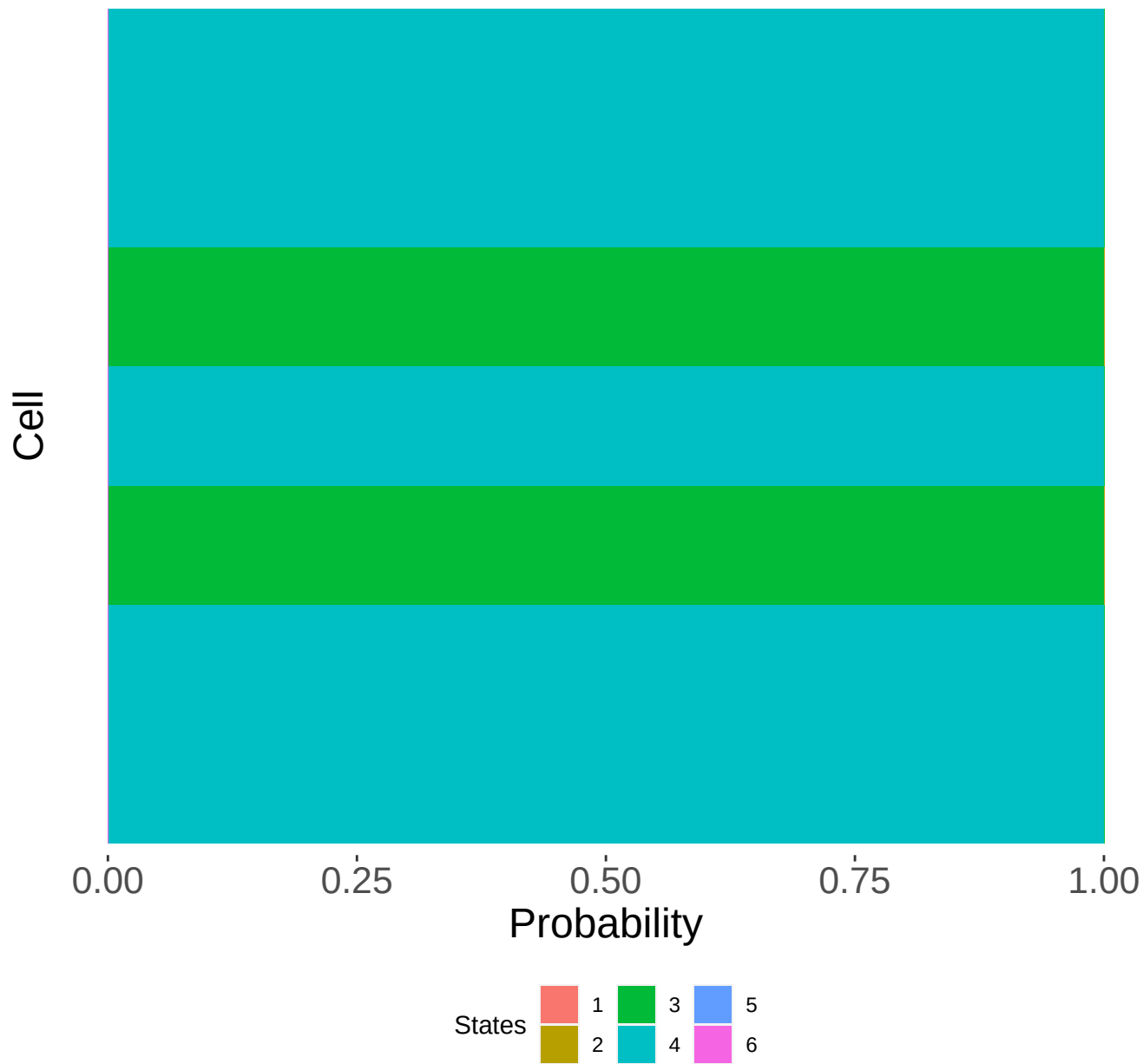
chr15-region_3183



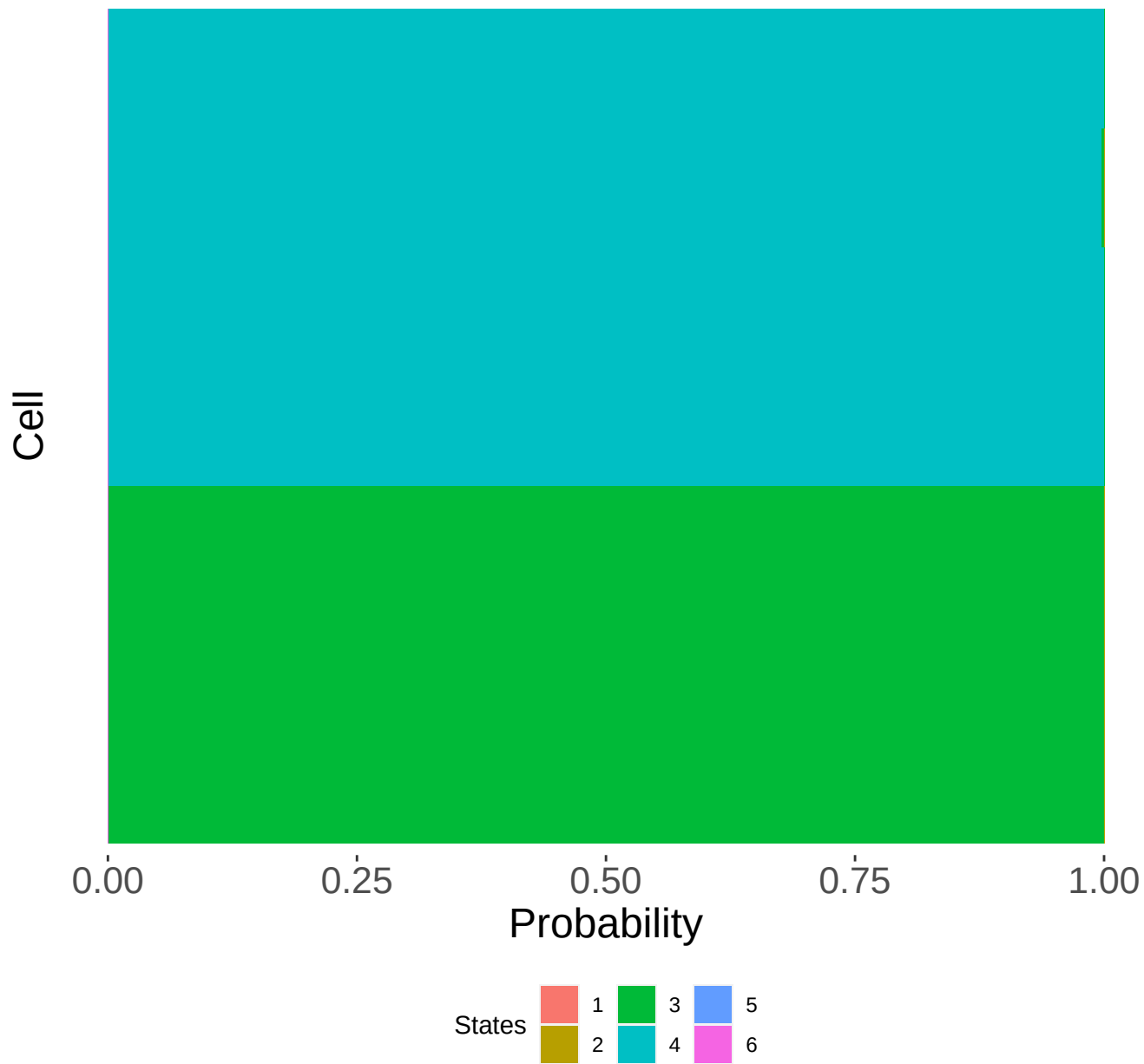
chr5-region_3213



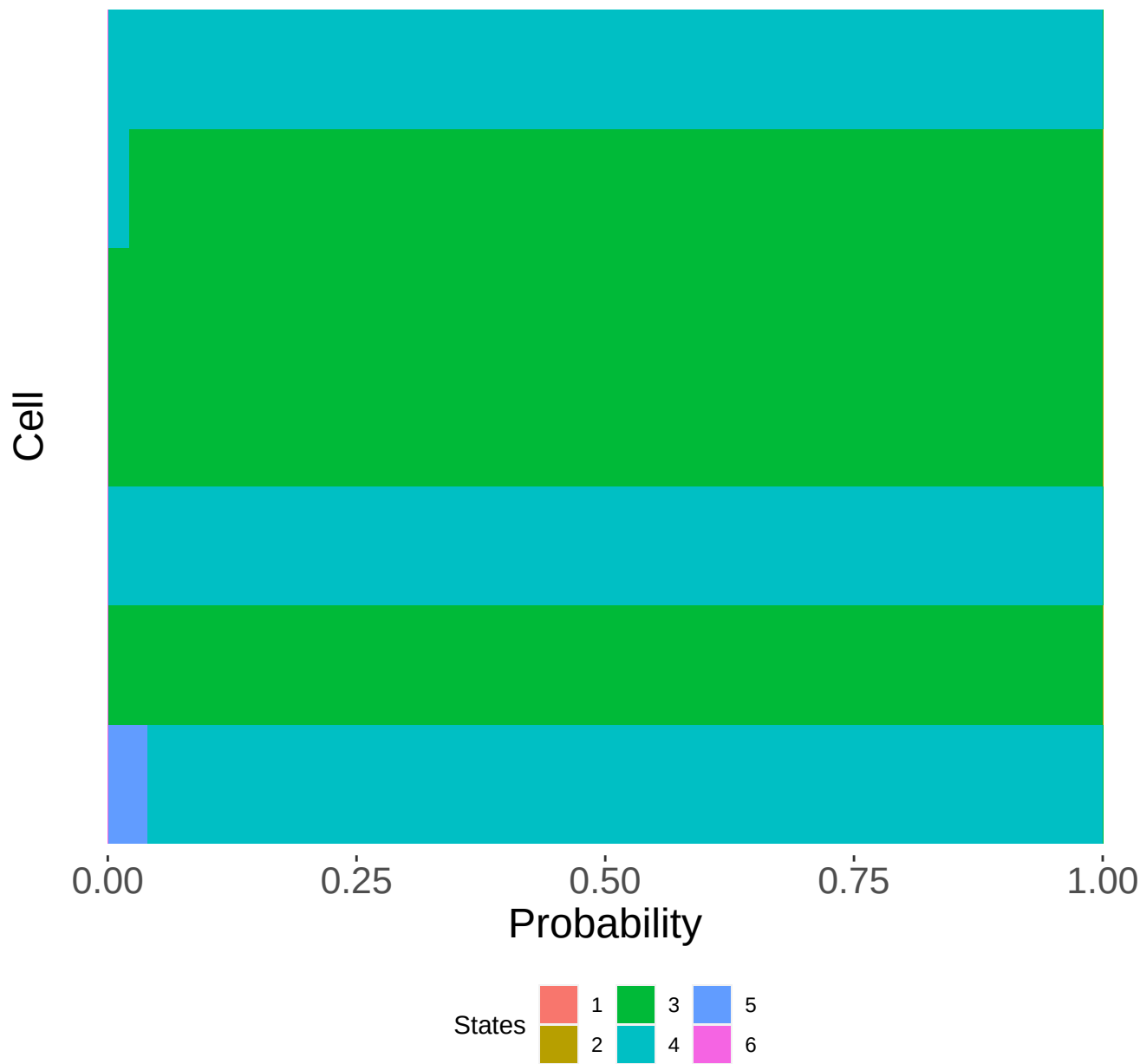
chr8-region_3218



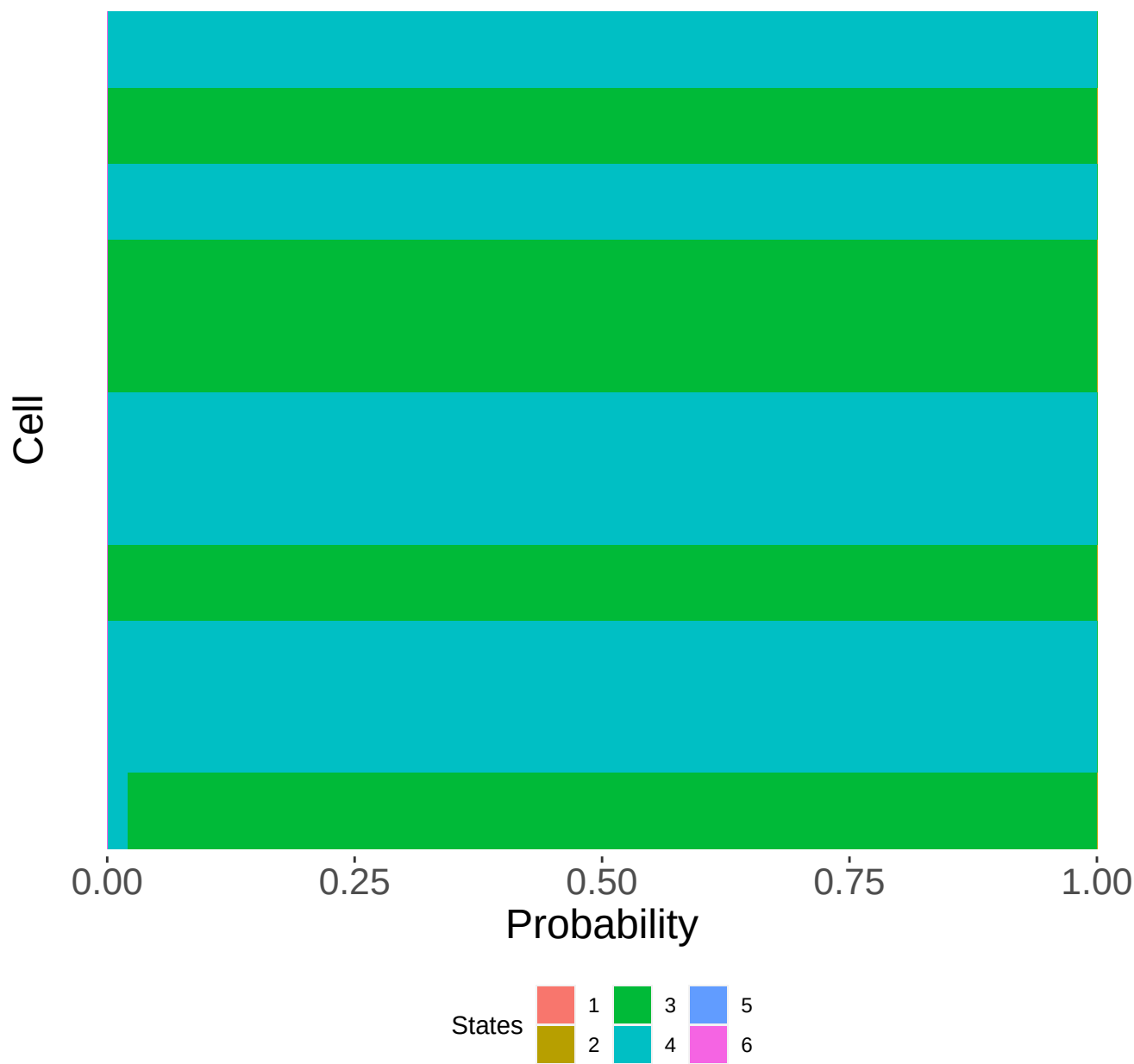
chr11-region_3223



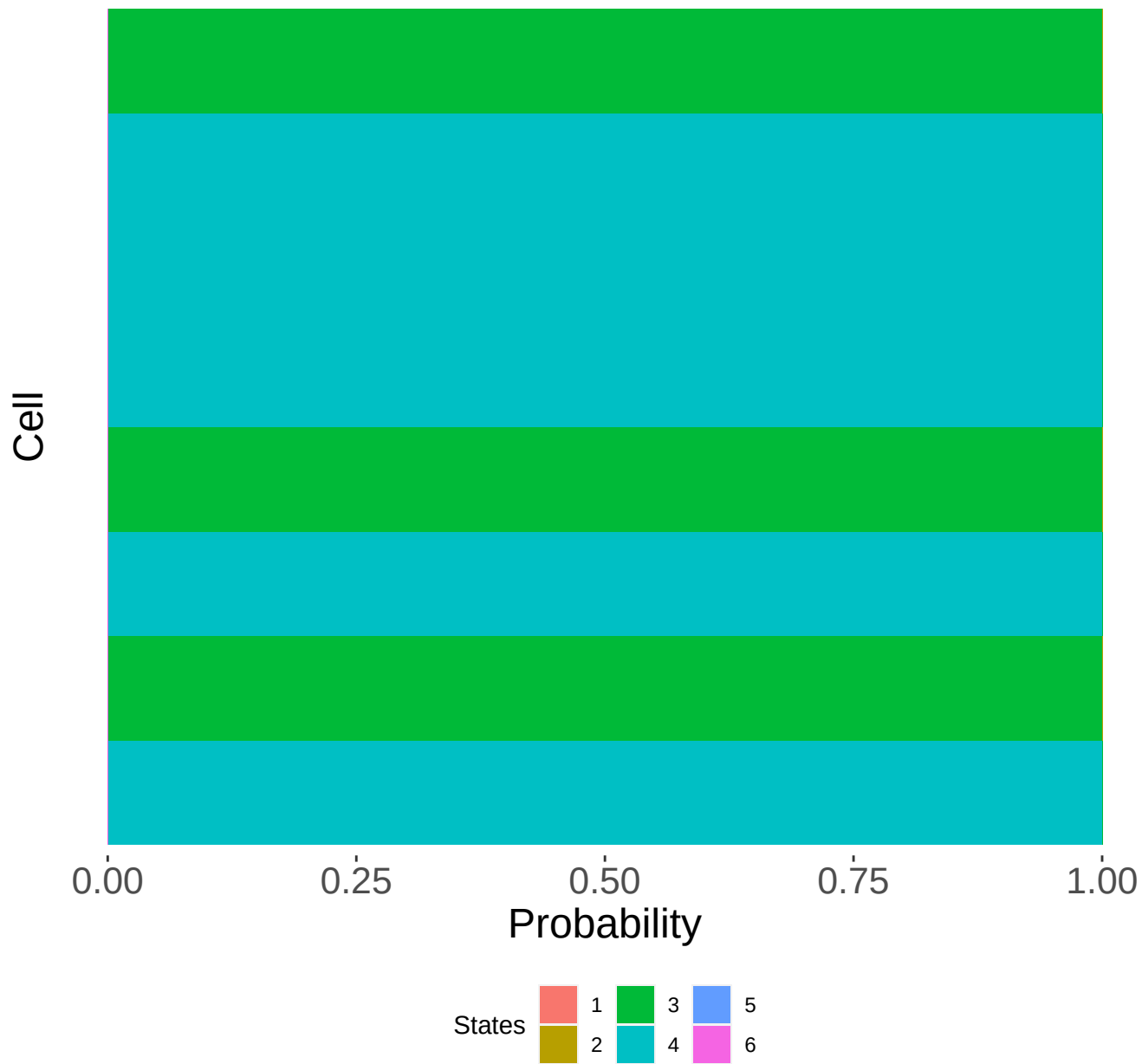
chr15-region_3229



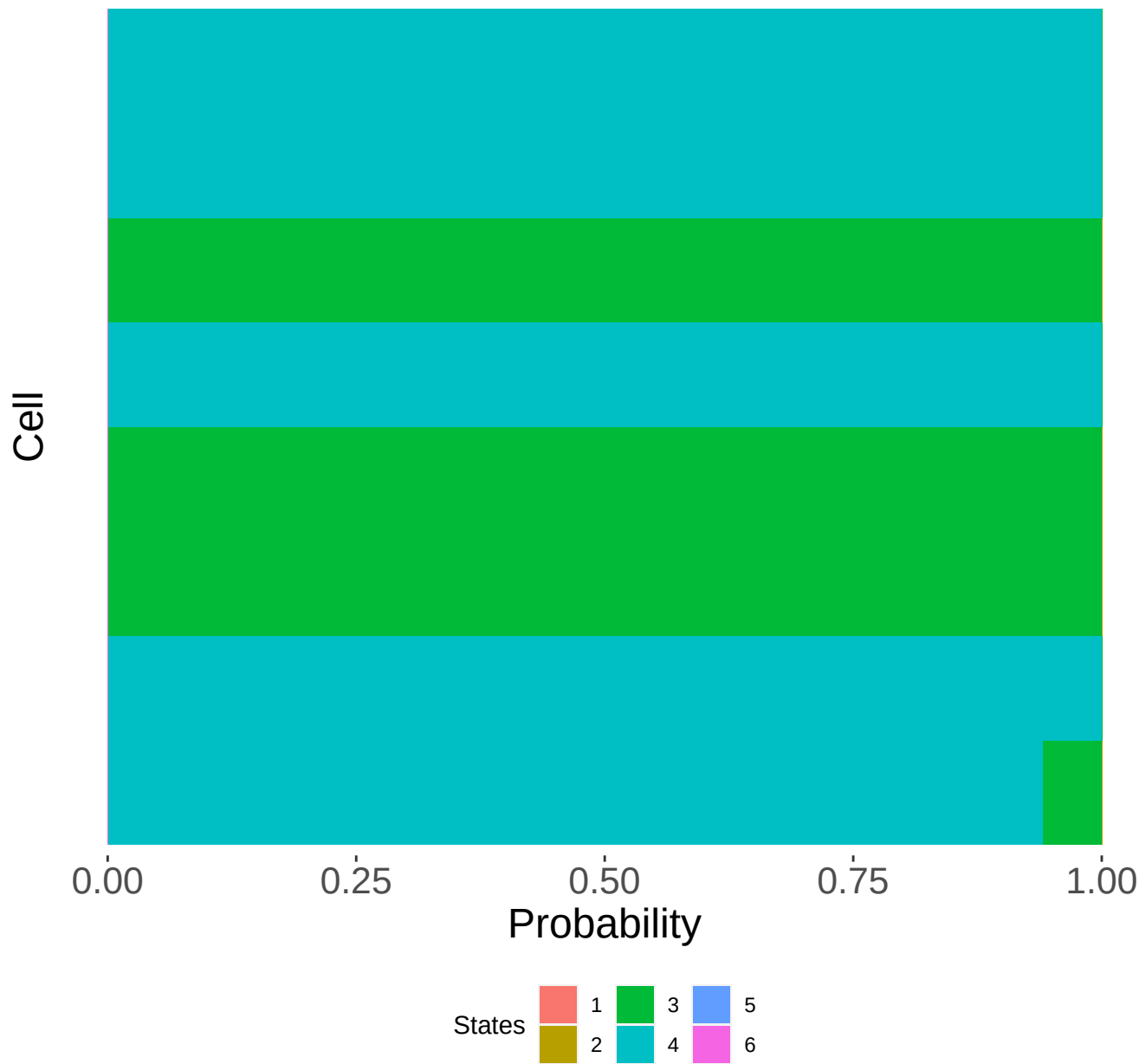
chr11-region_3246



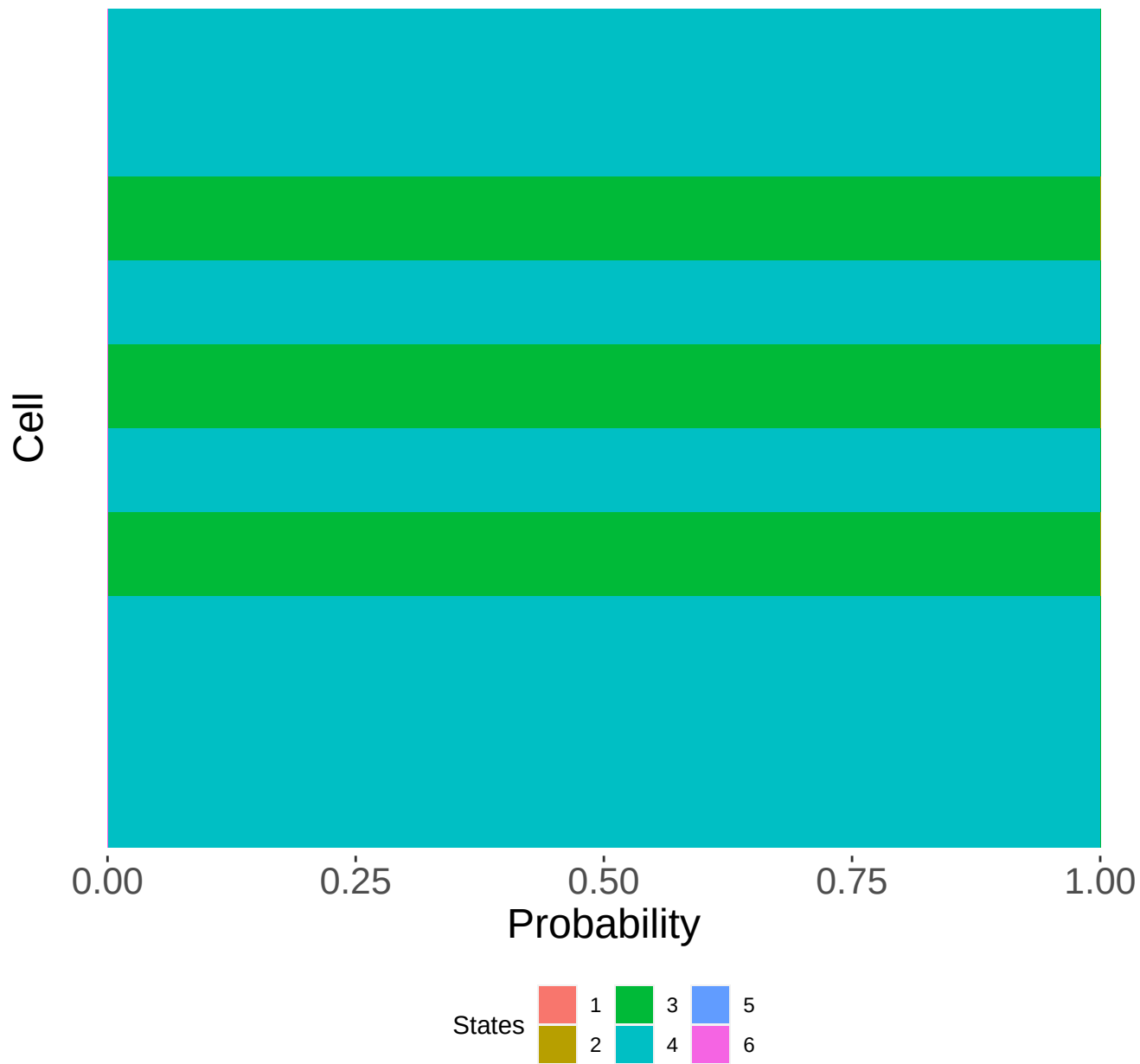
chr5-region_3279



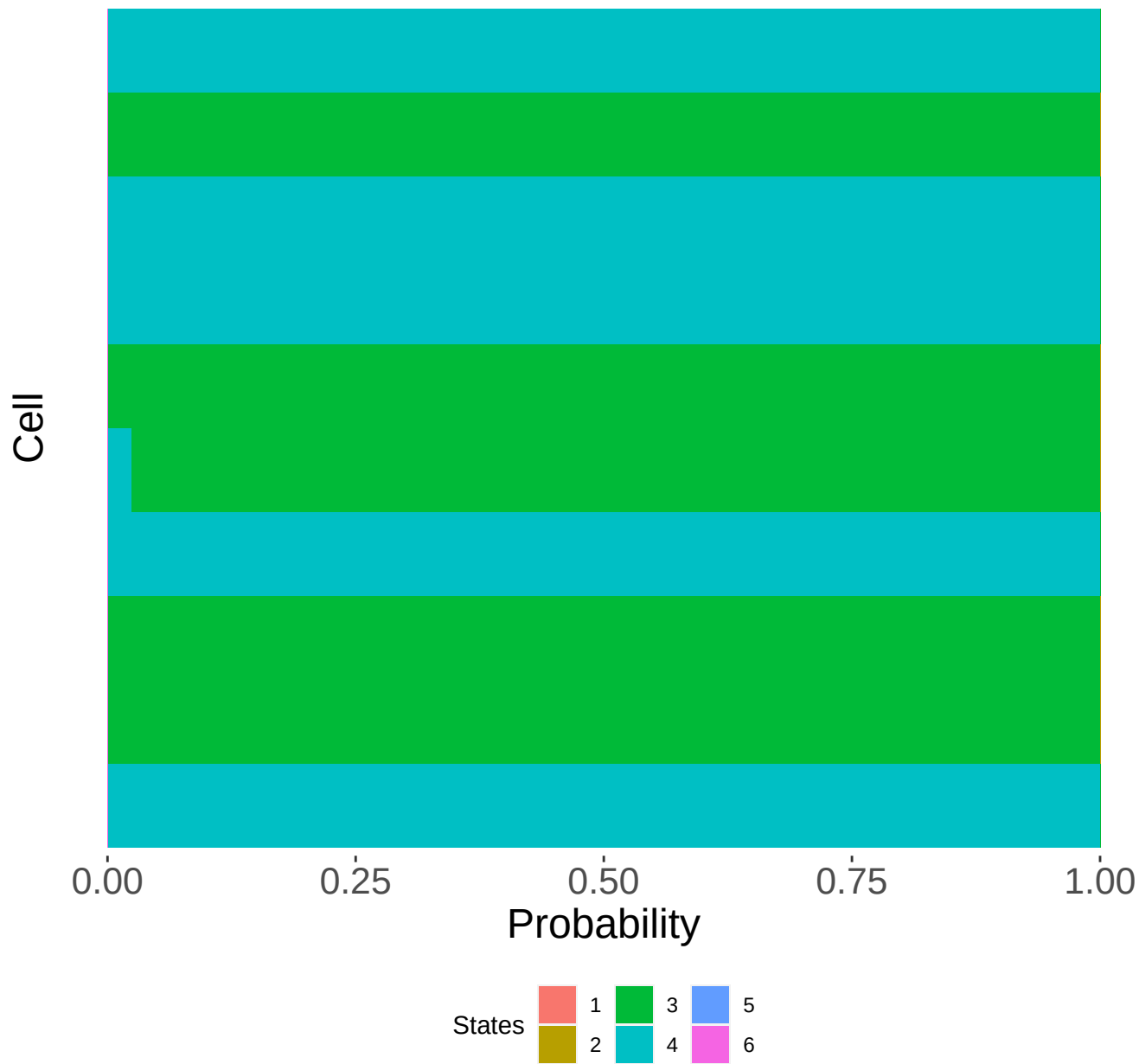
chr10-region_3286



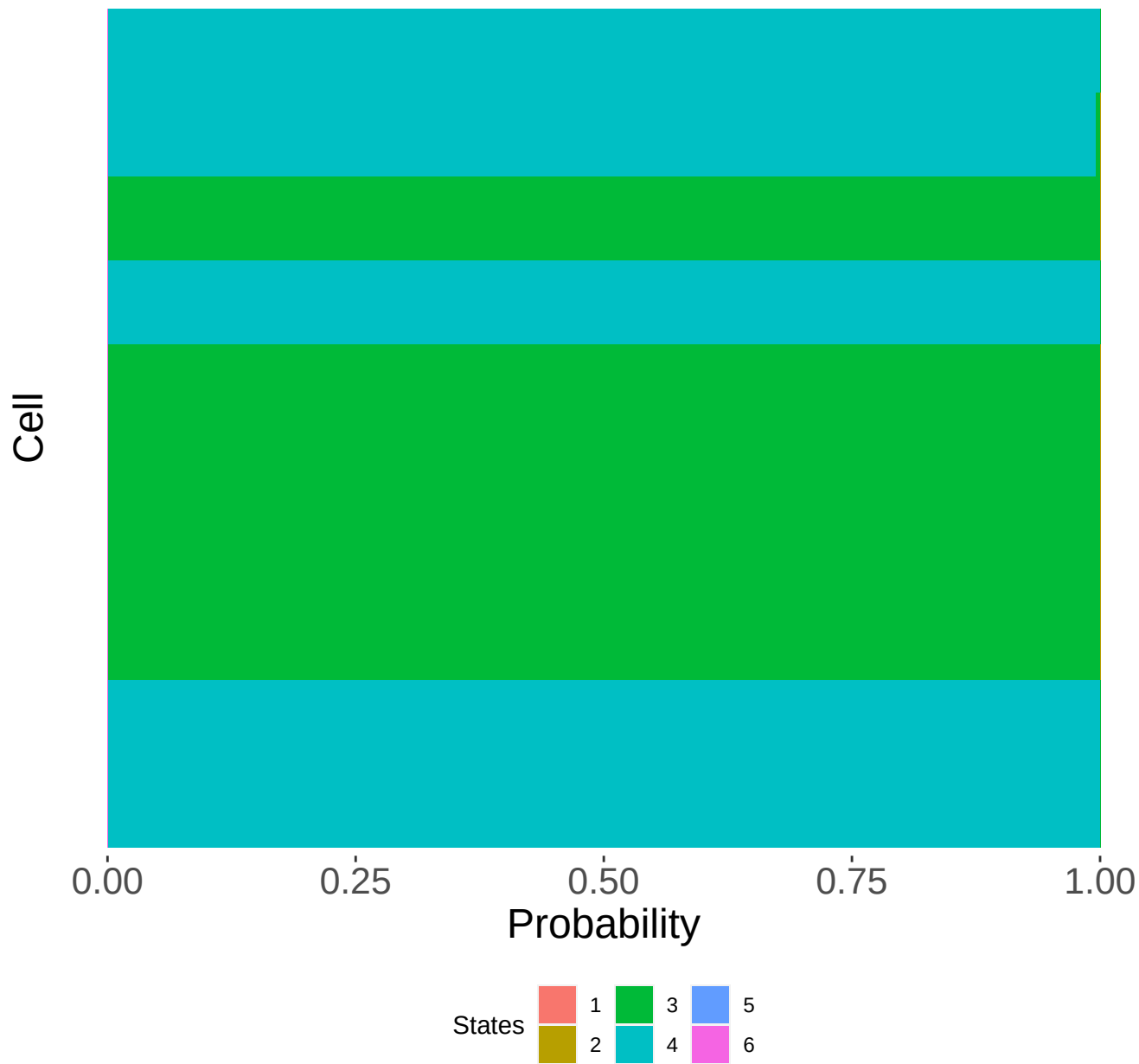
chr5-region_3320



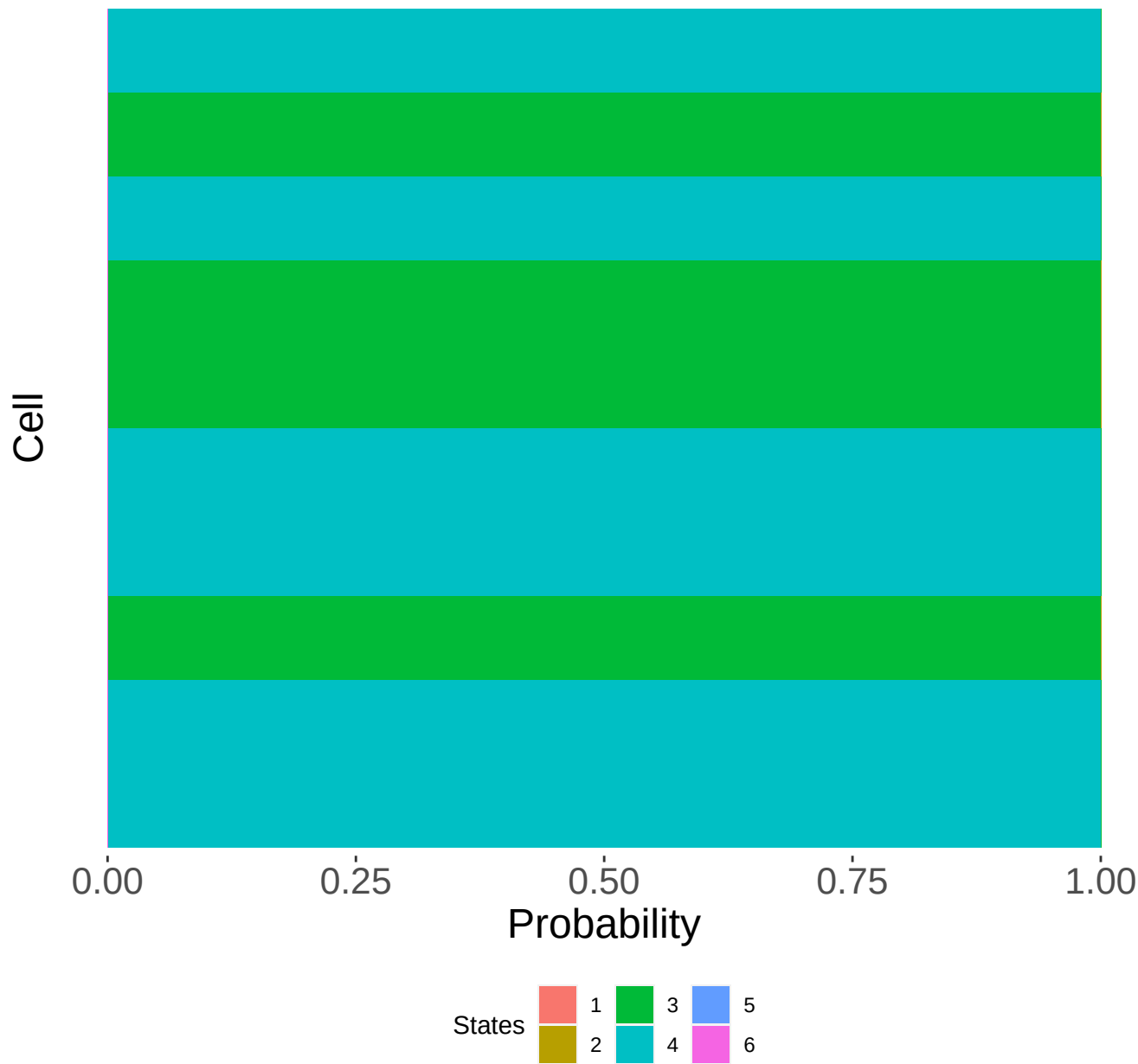
chr8-region_3325



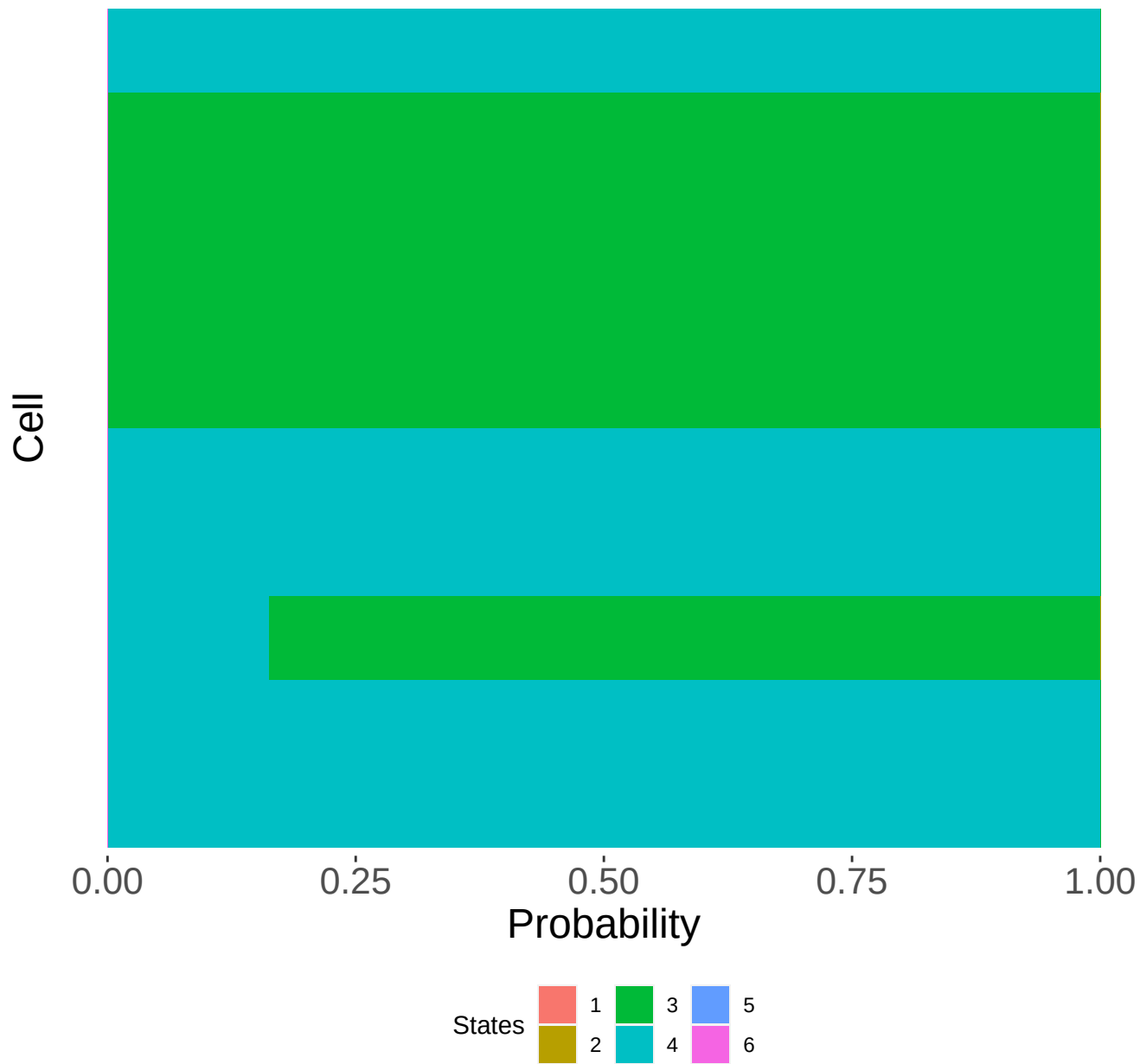
chr10-region_3329



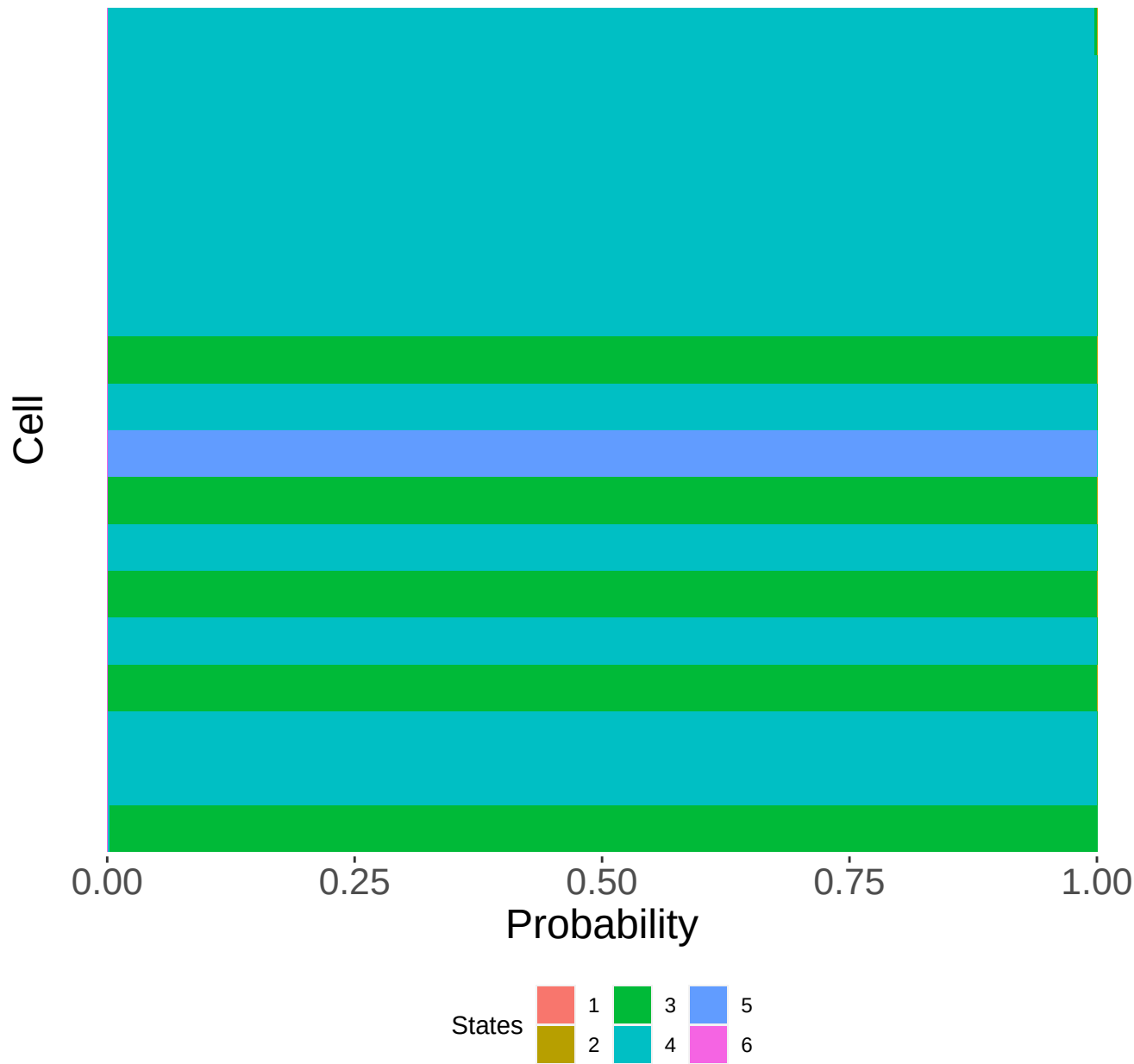
chr11-region_3332



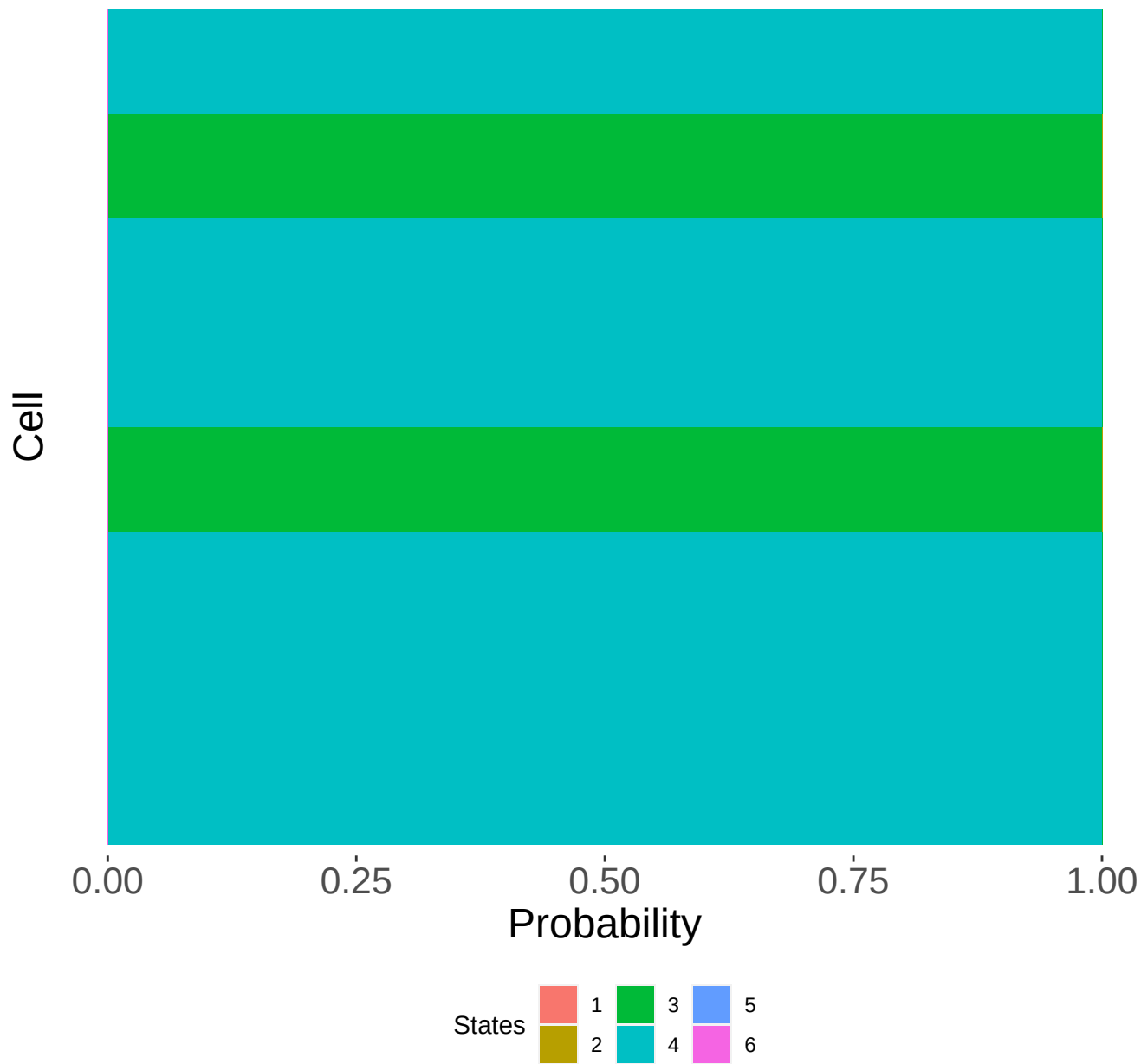
chr15-region_3338



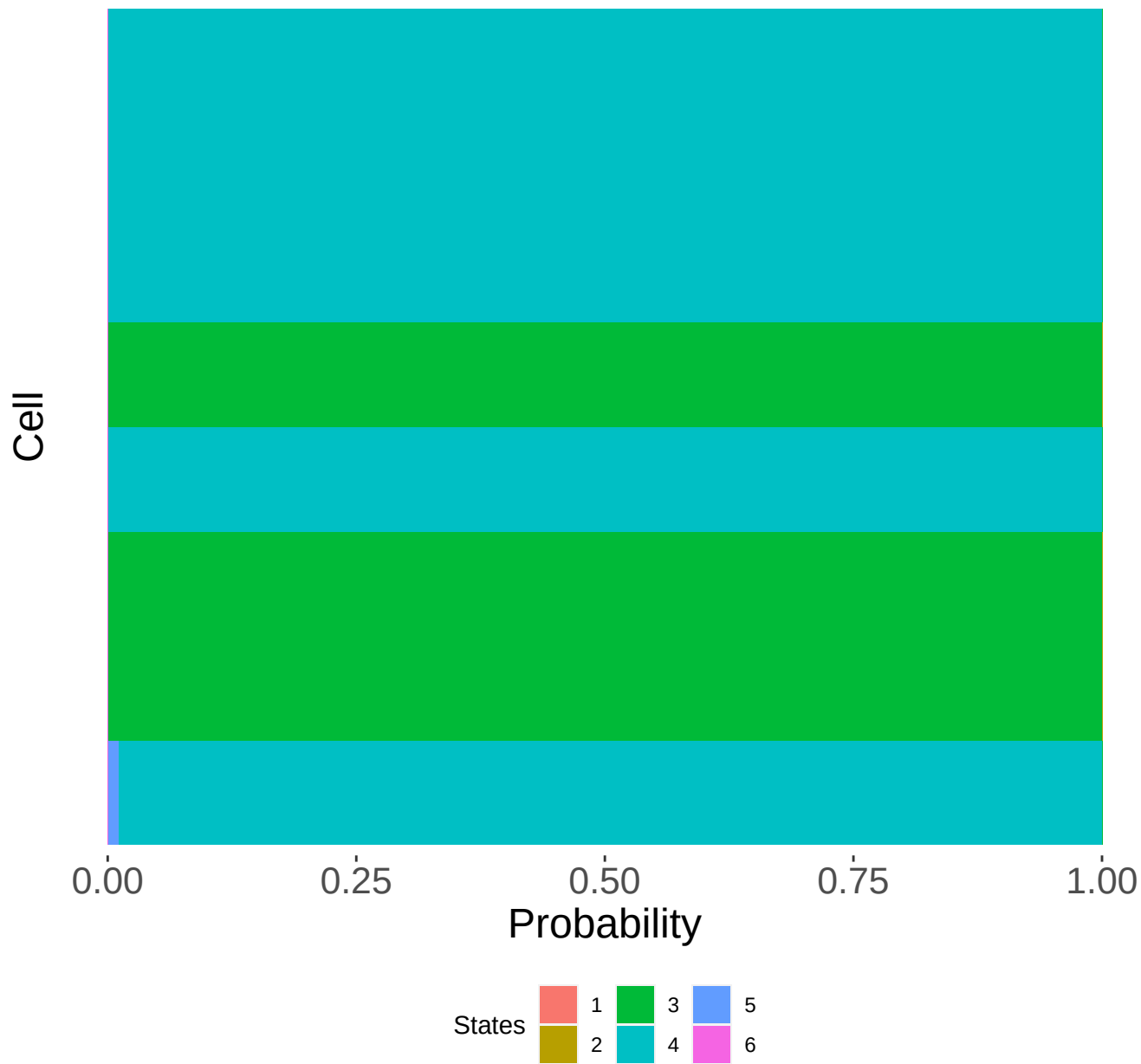
chr11-region_3355



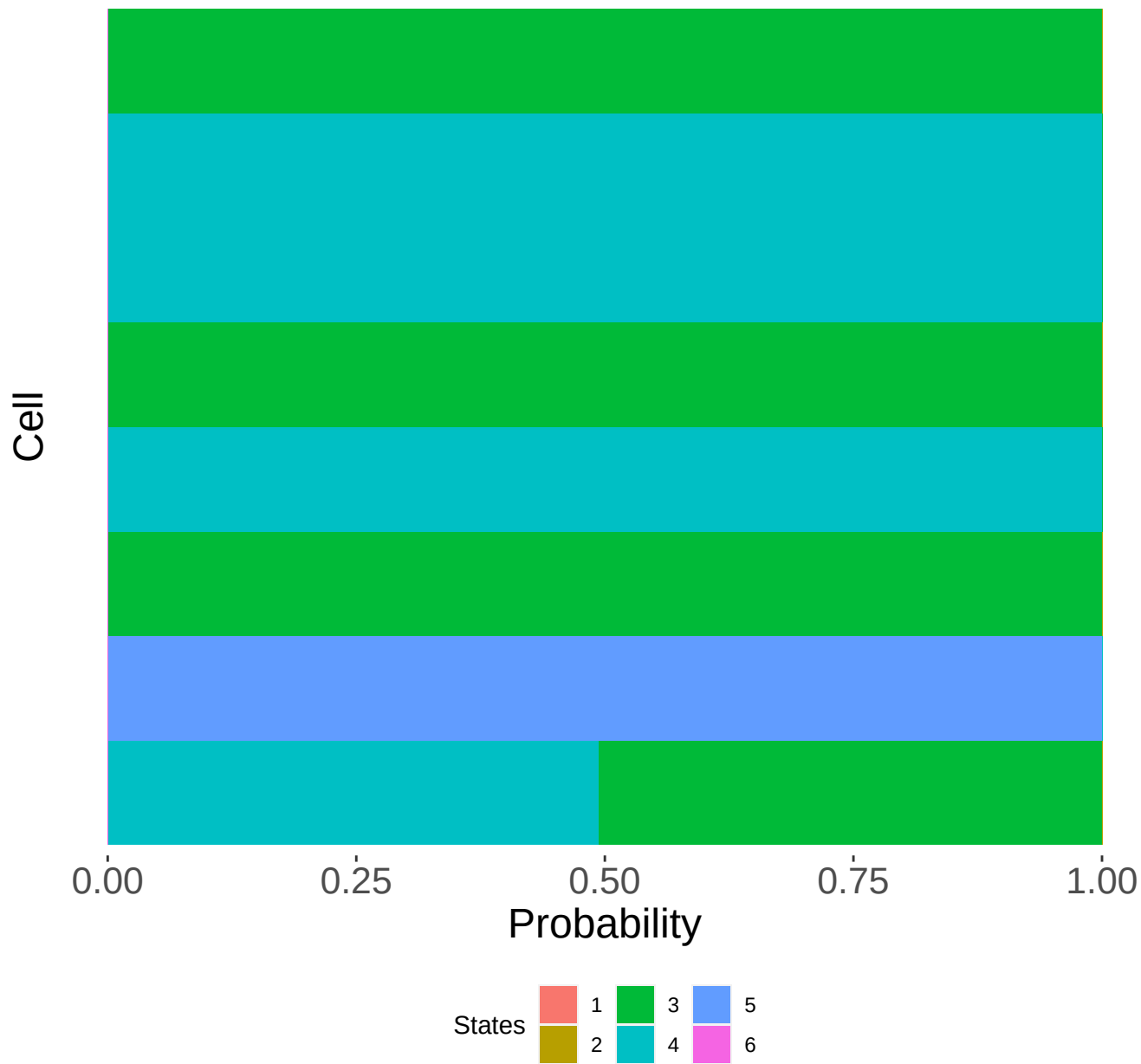
chr2-region_3366



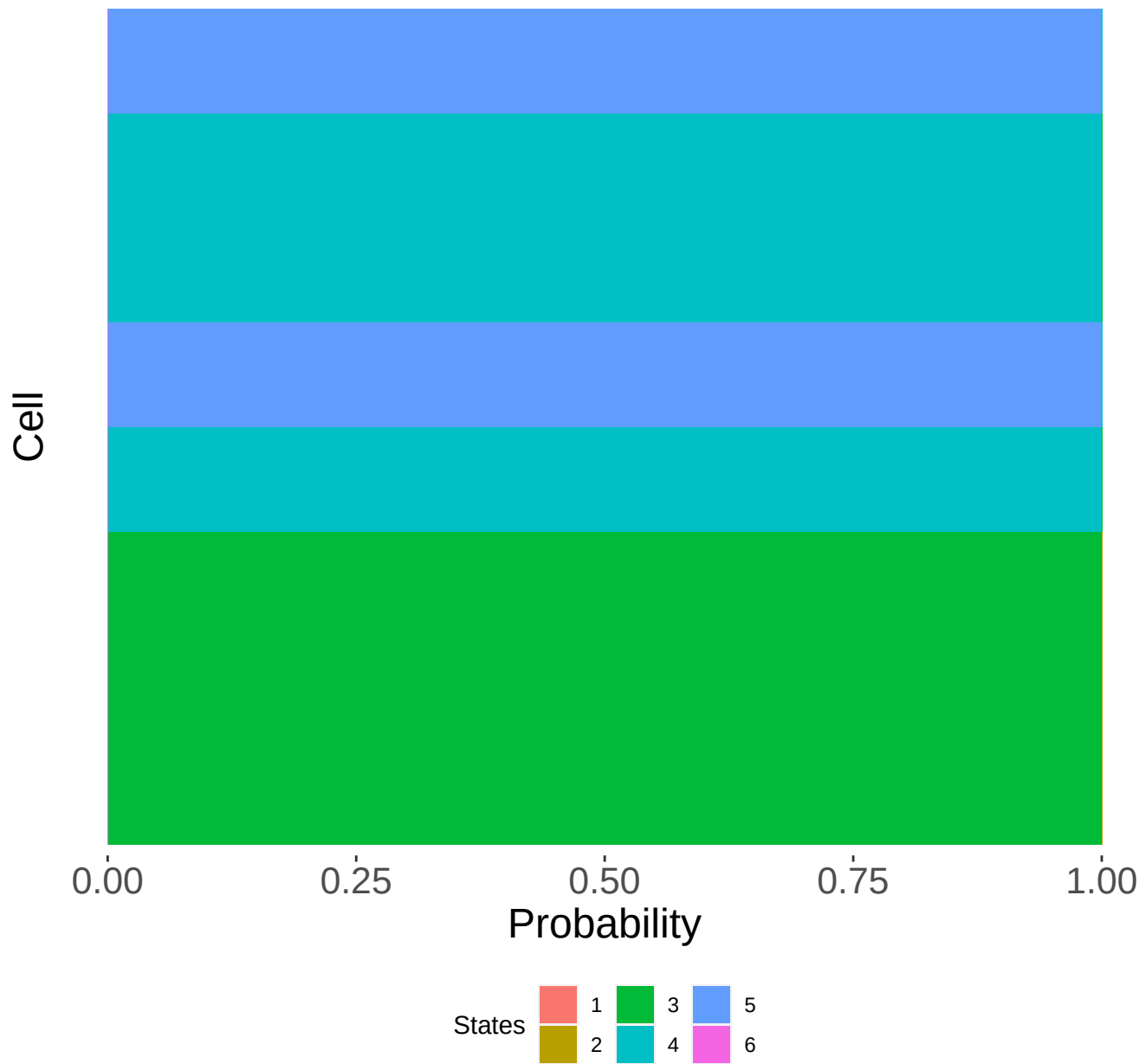
chr5-region_3371



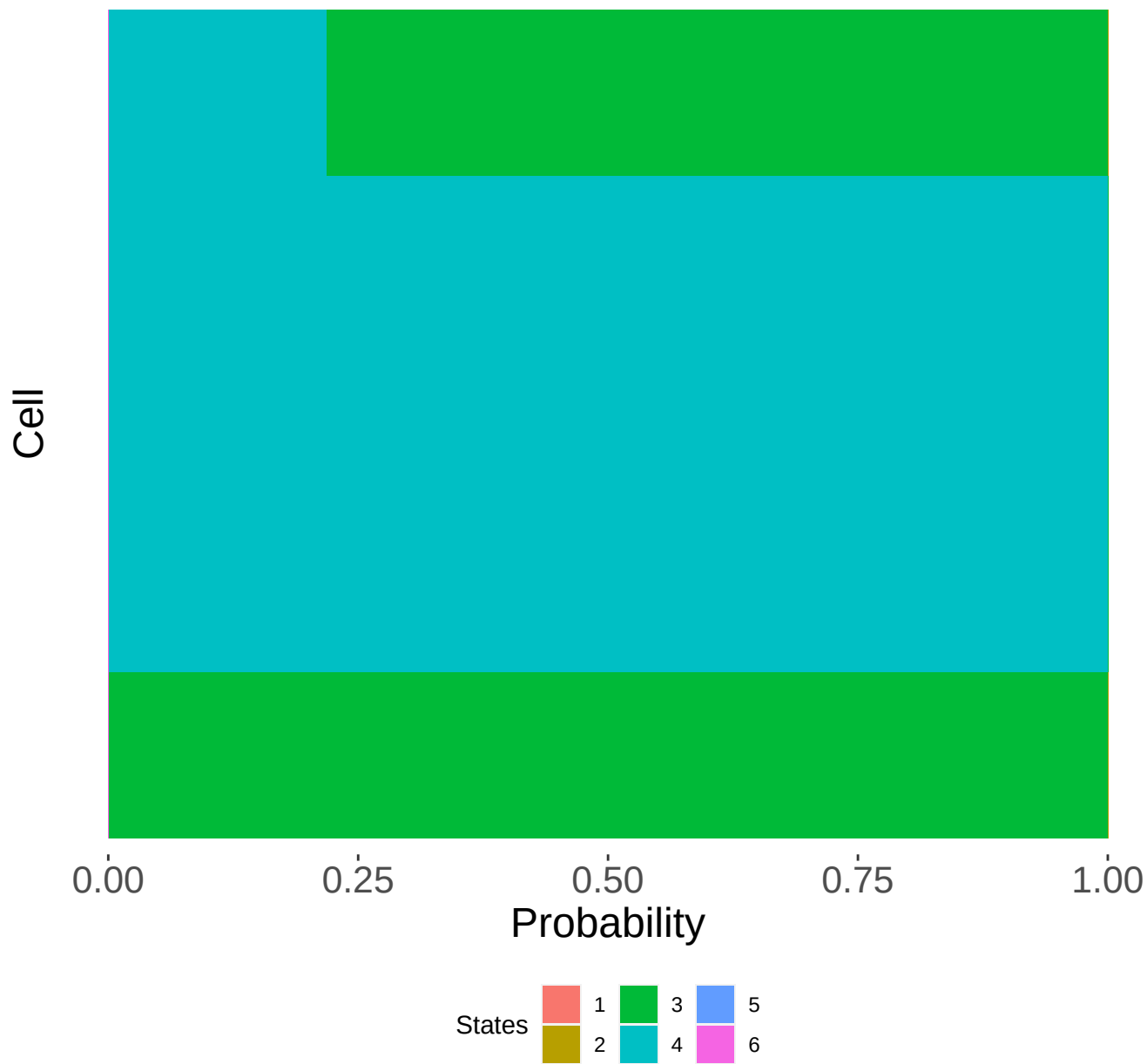
chr9-region_3377



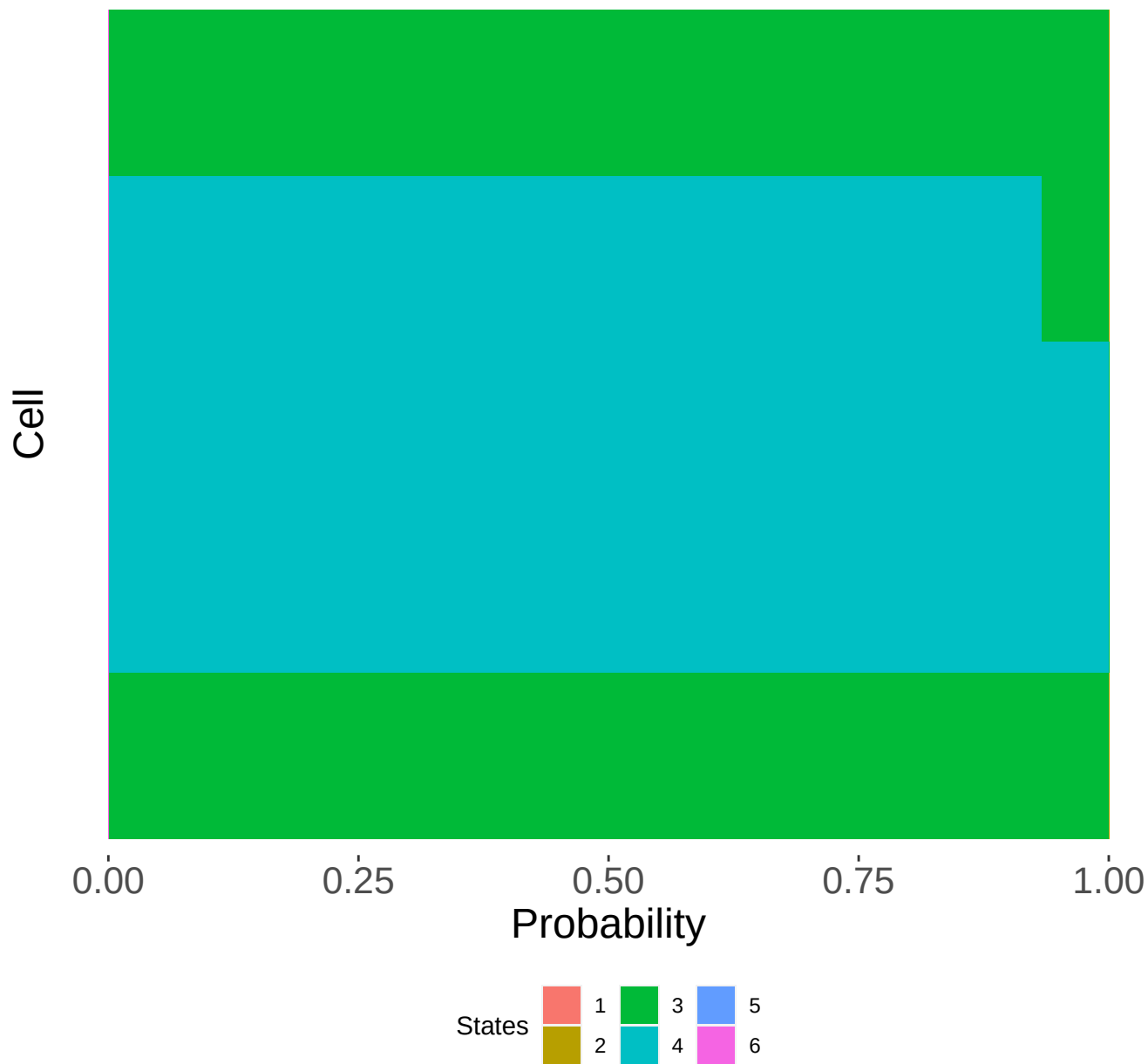
chr12-region_3380



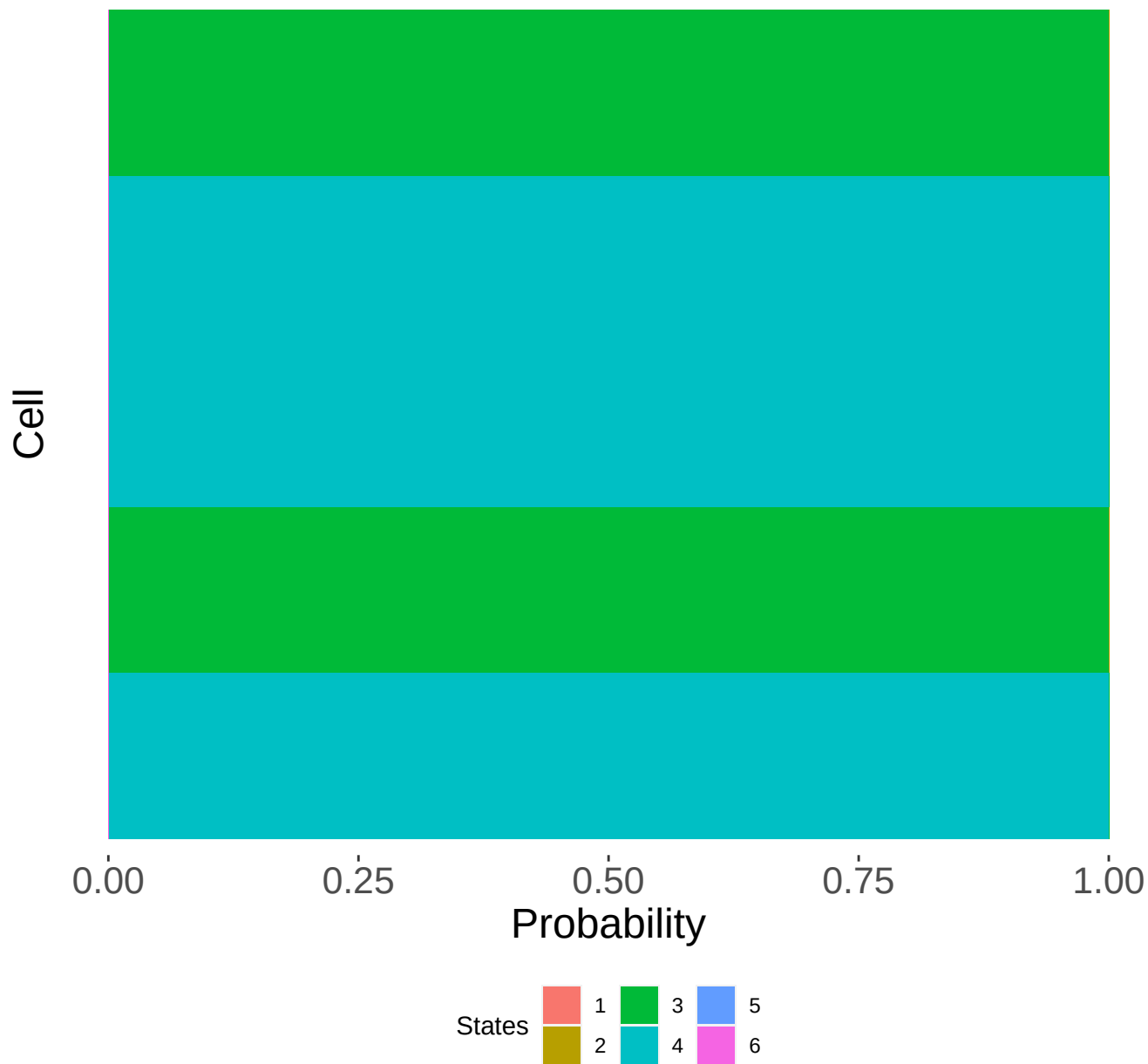
chr7-region_3396



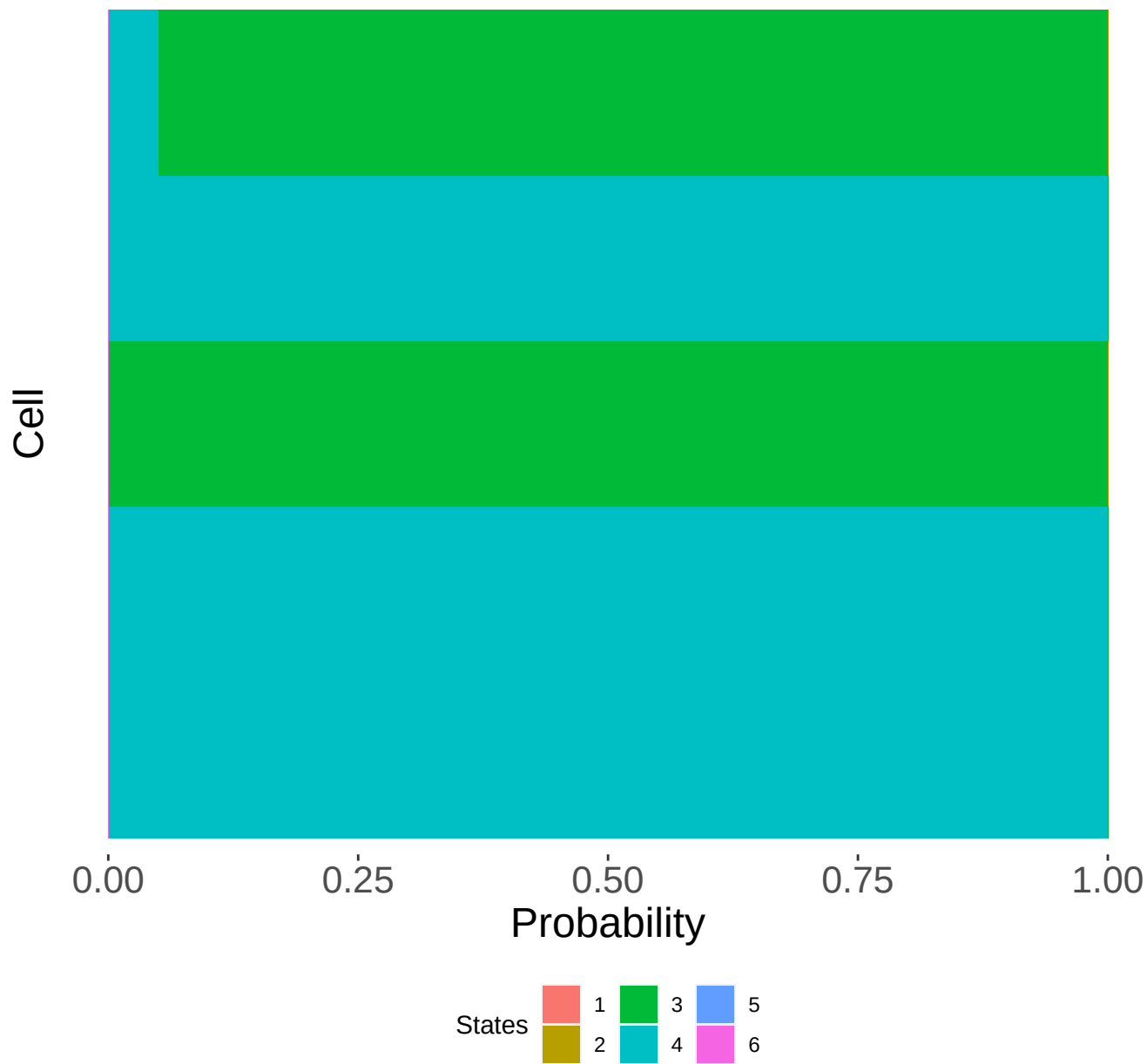
chr7-region_3398



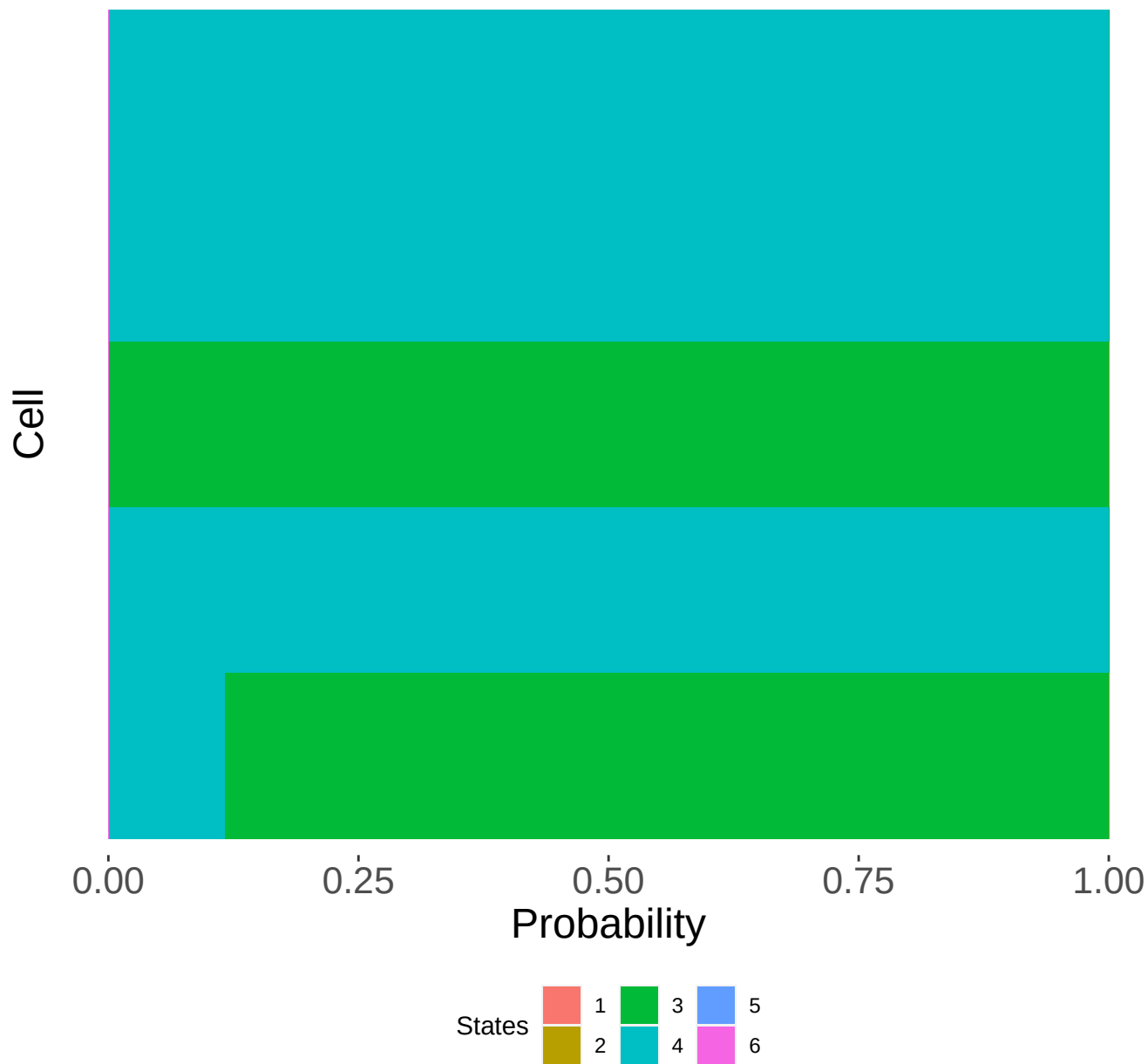
chr9-region_3402



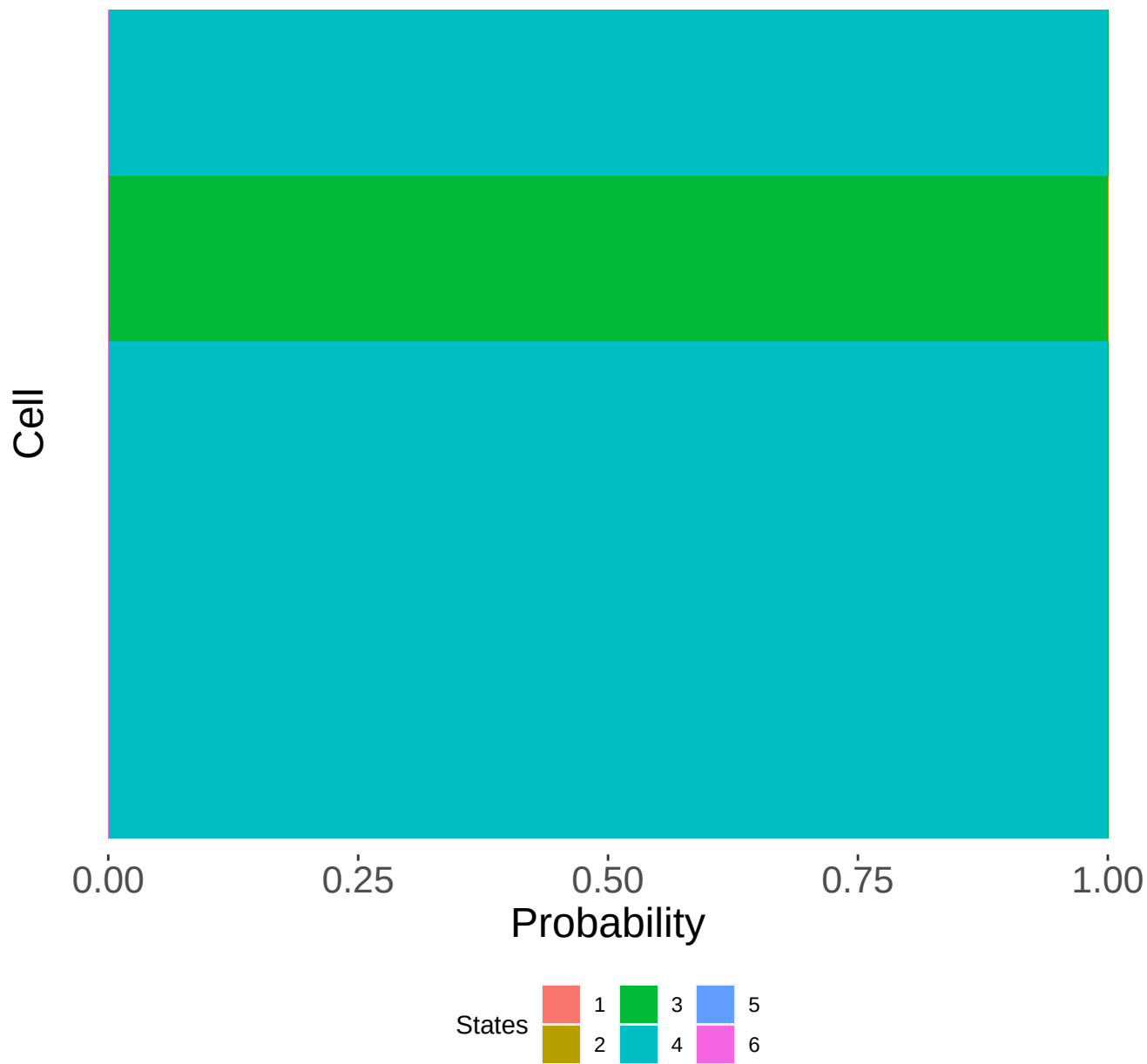
chr15-region_3410



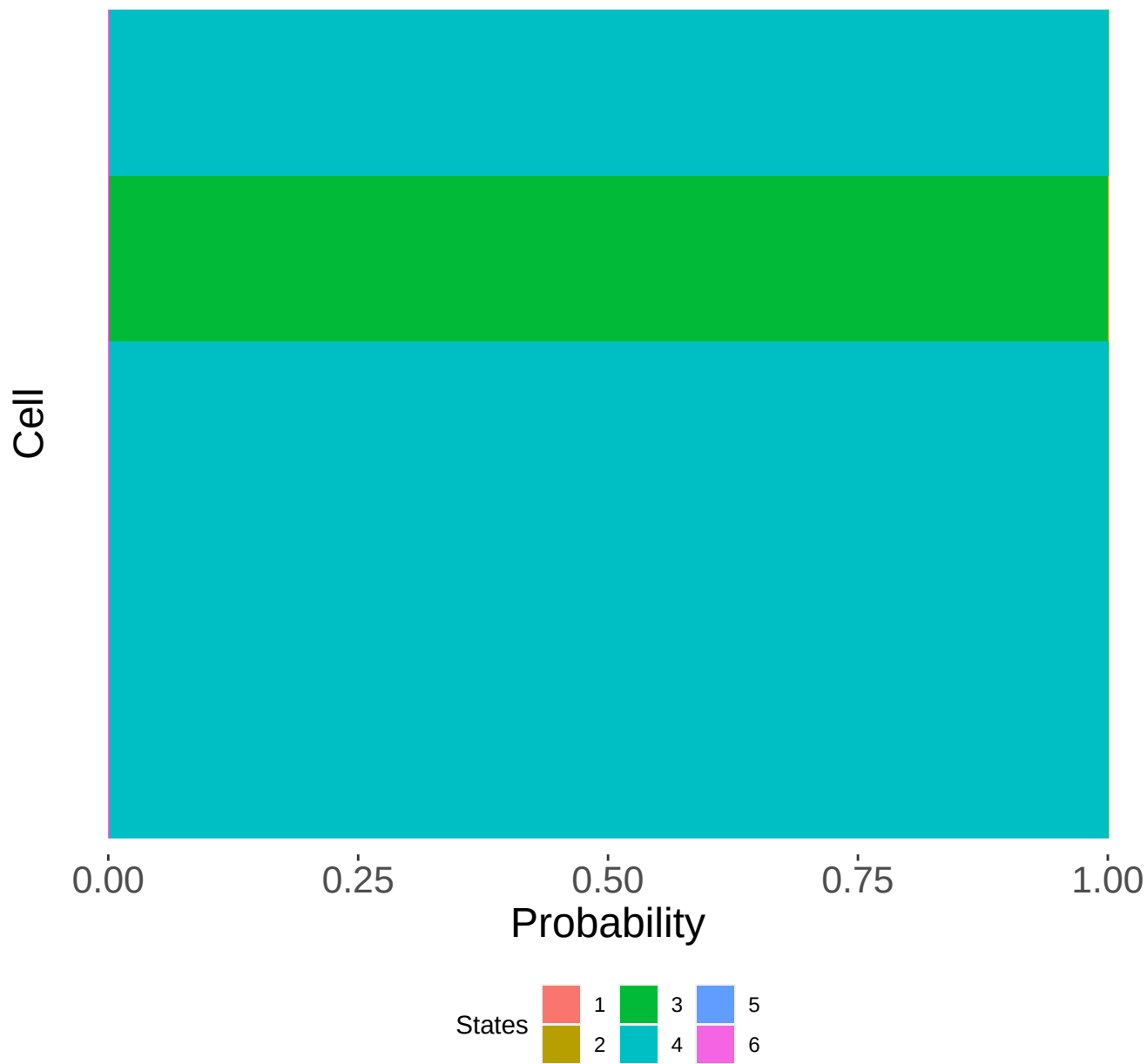
chr15-region_3412



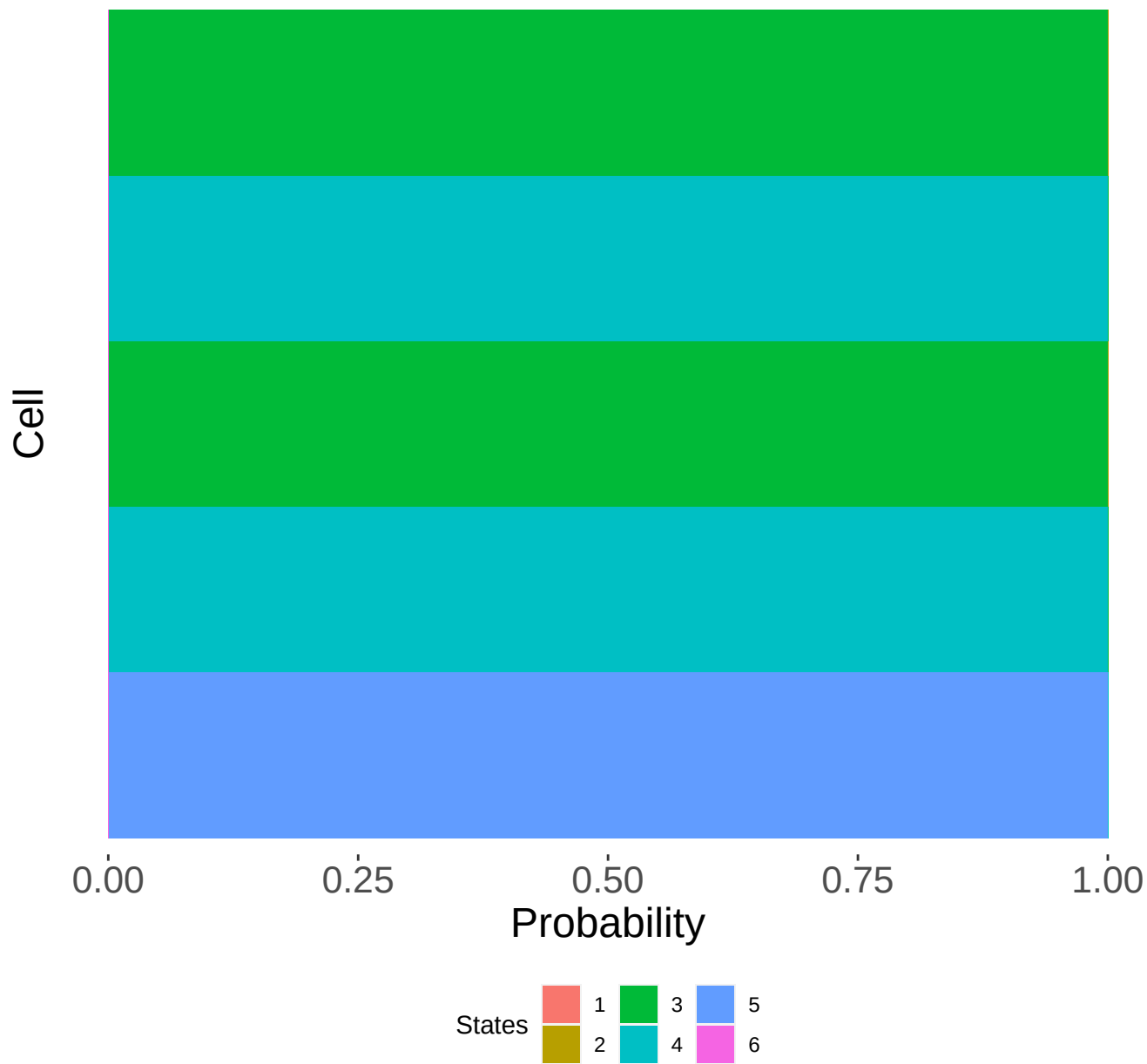
chr2-region_3419



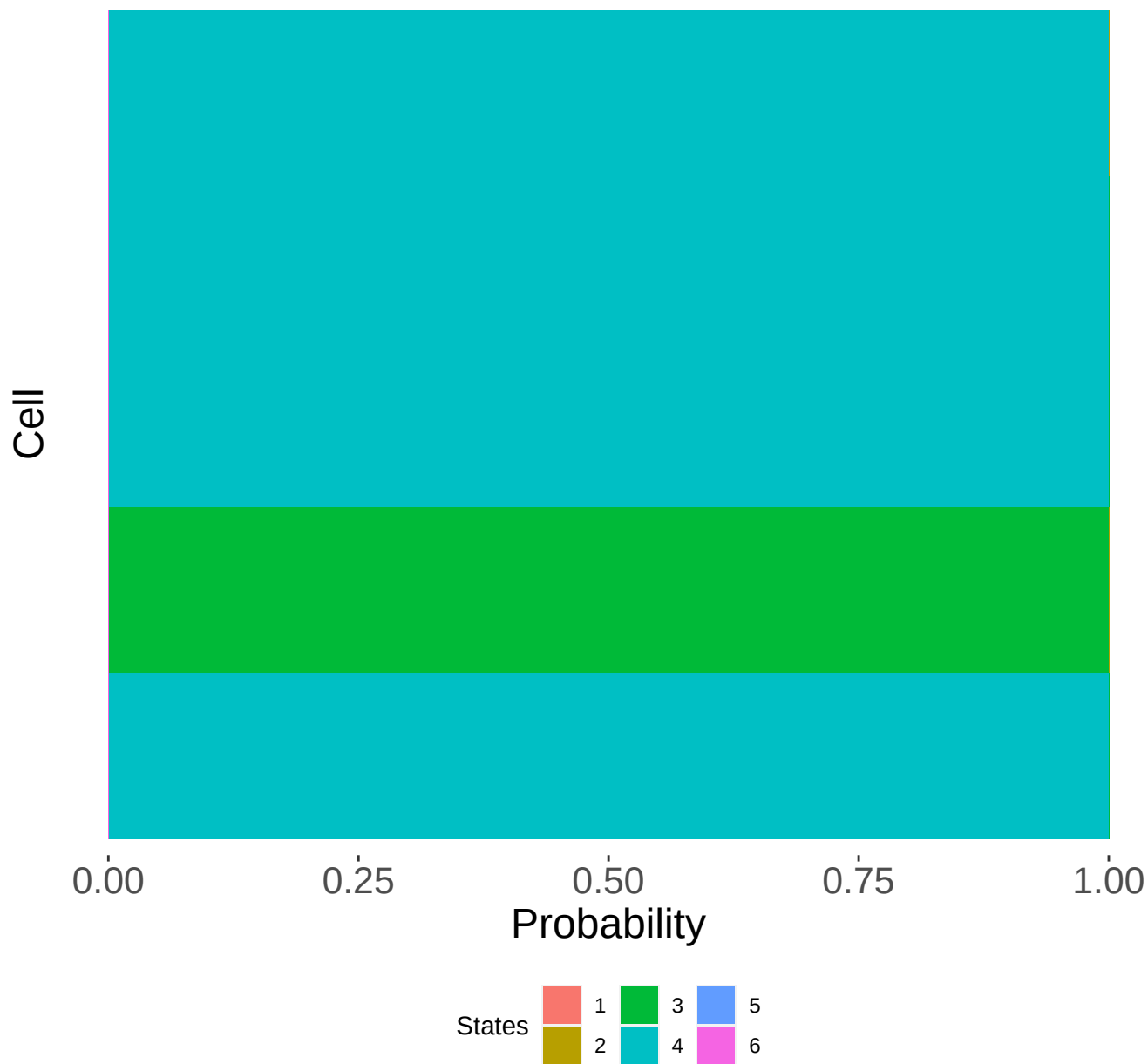
chr4-region_3423



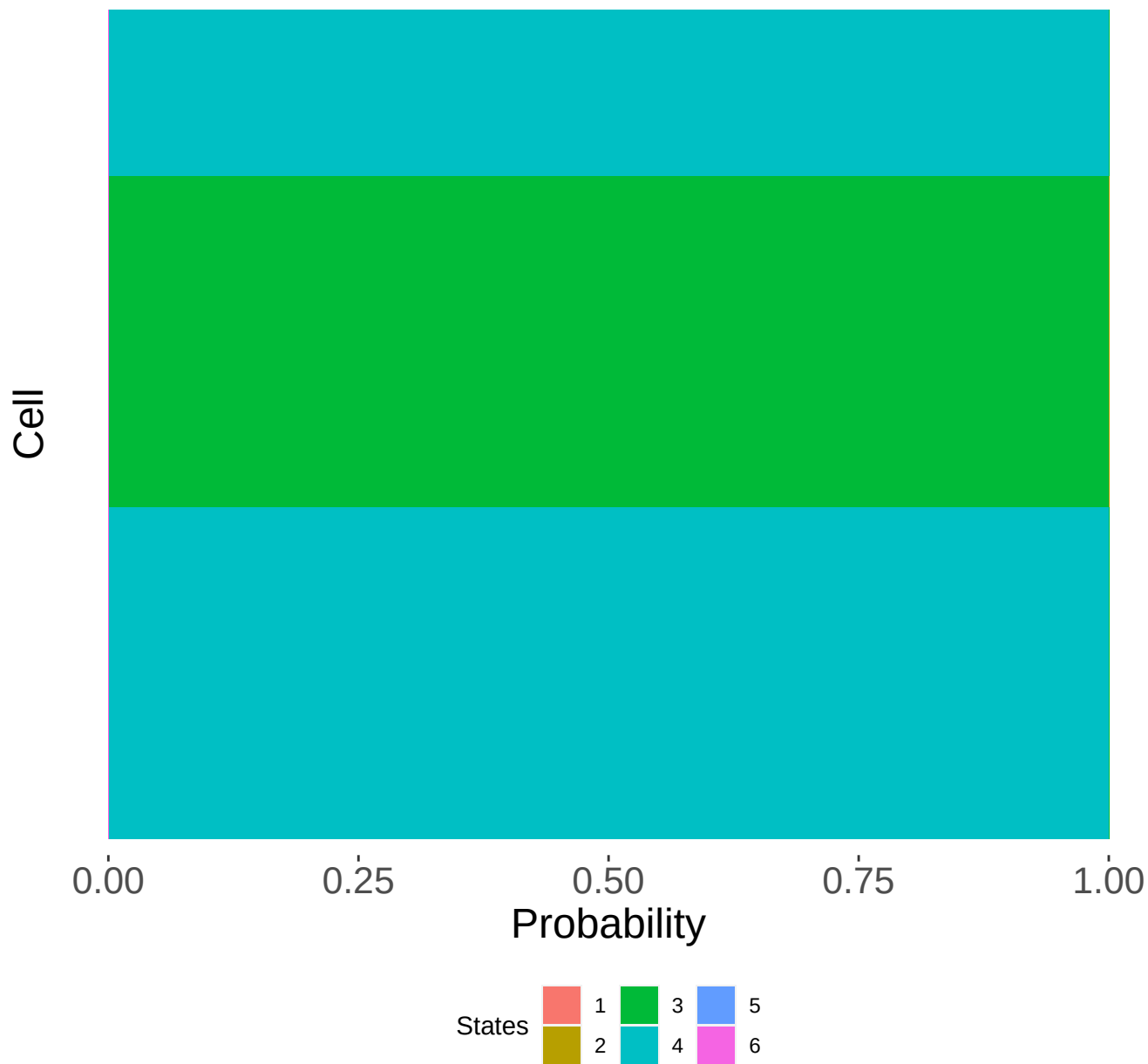
chr7-region_3428



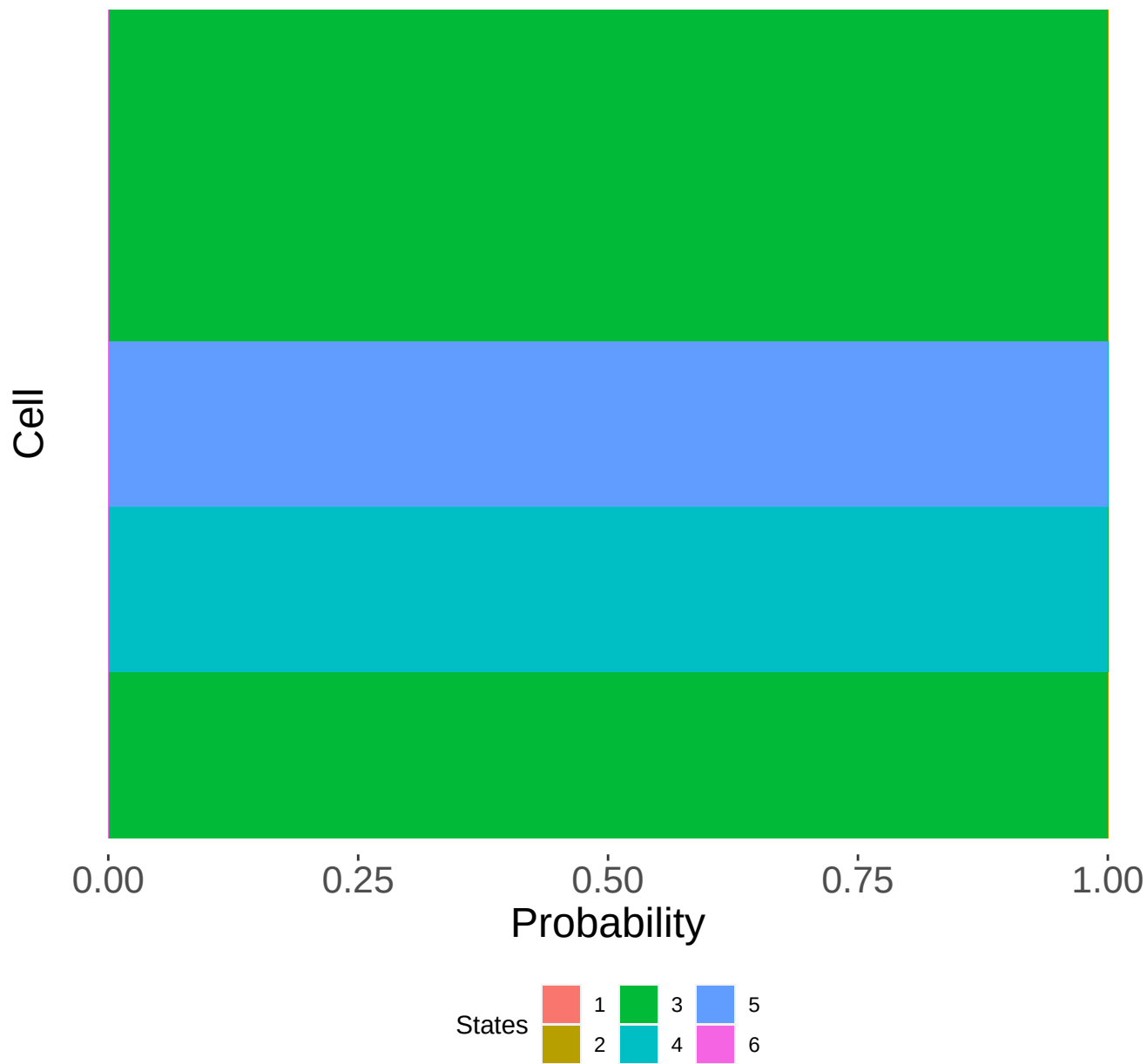
chr9-region_3430



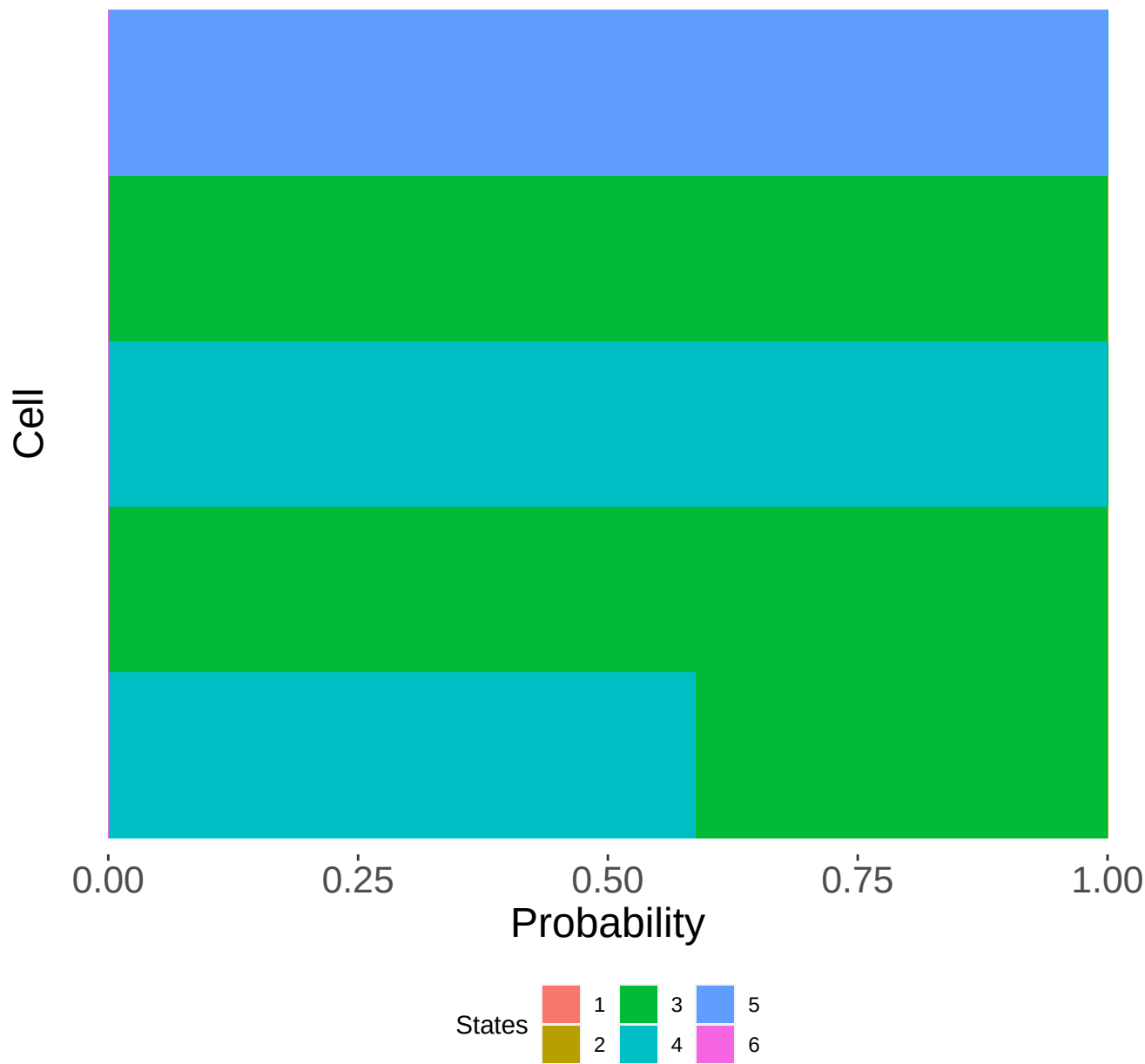
chr9-region_3432



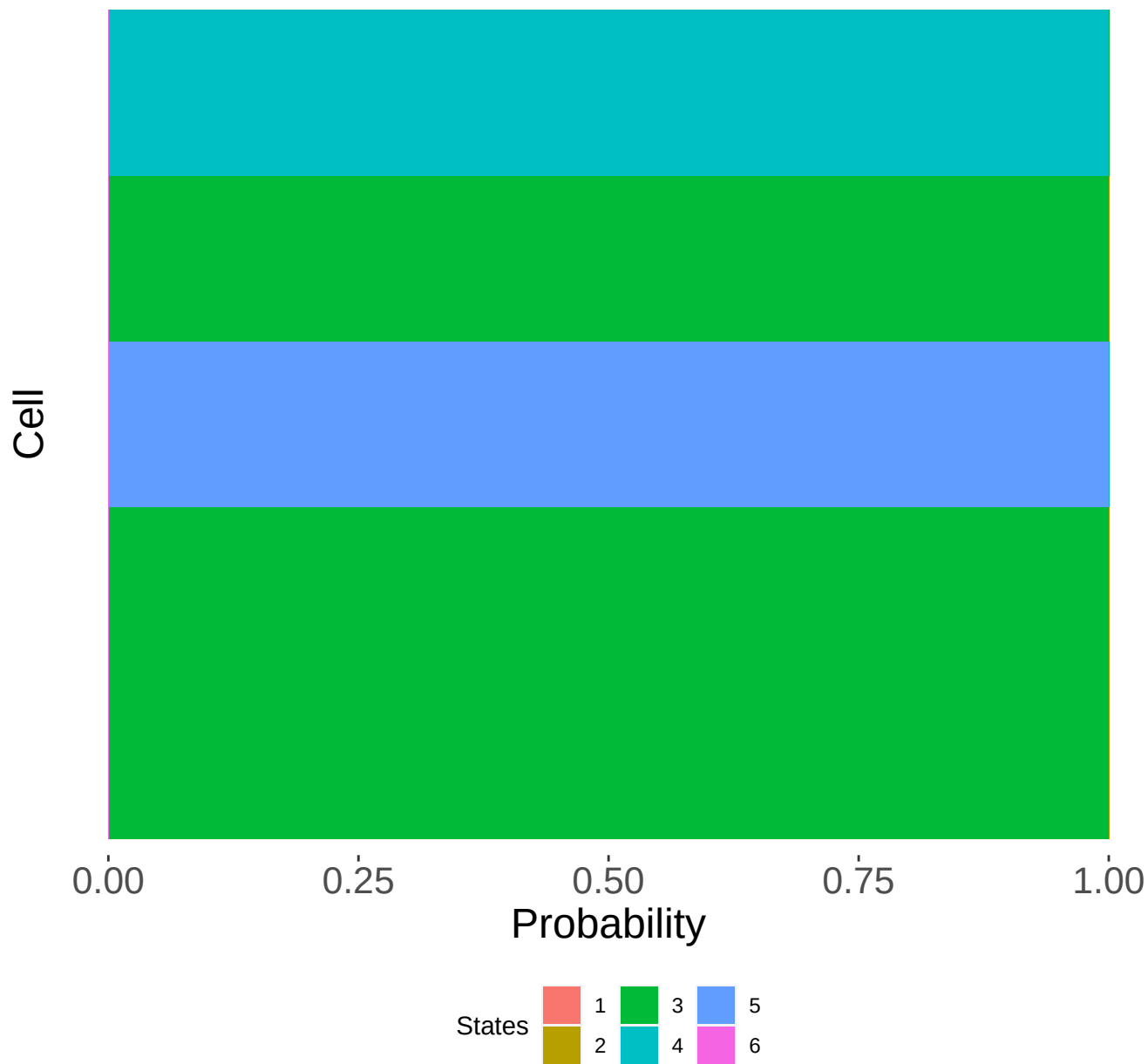
chr10-region_3435



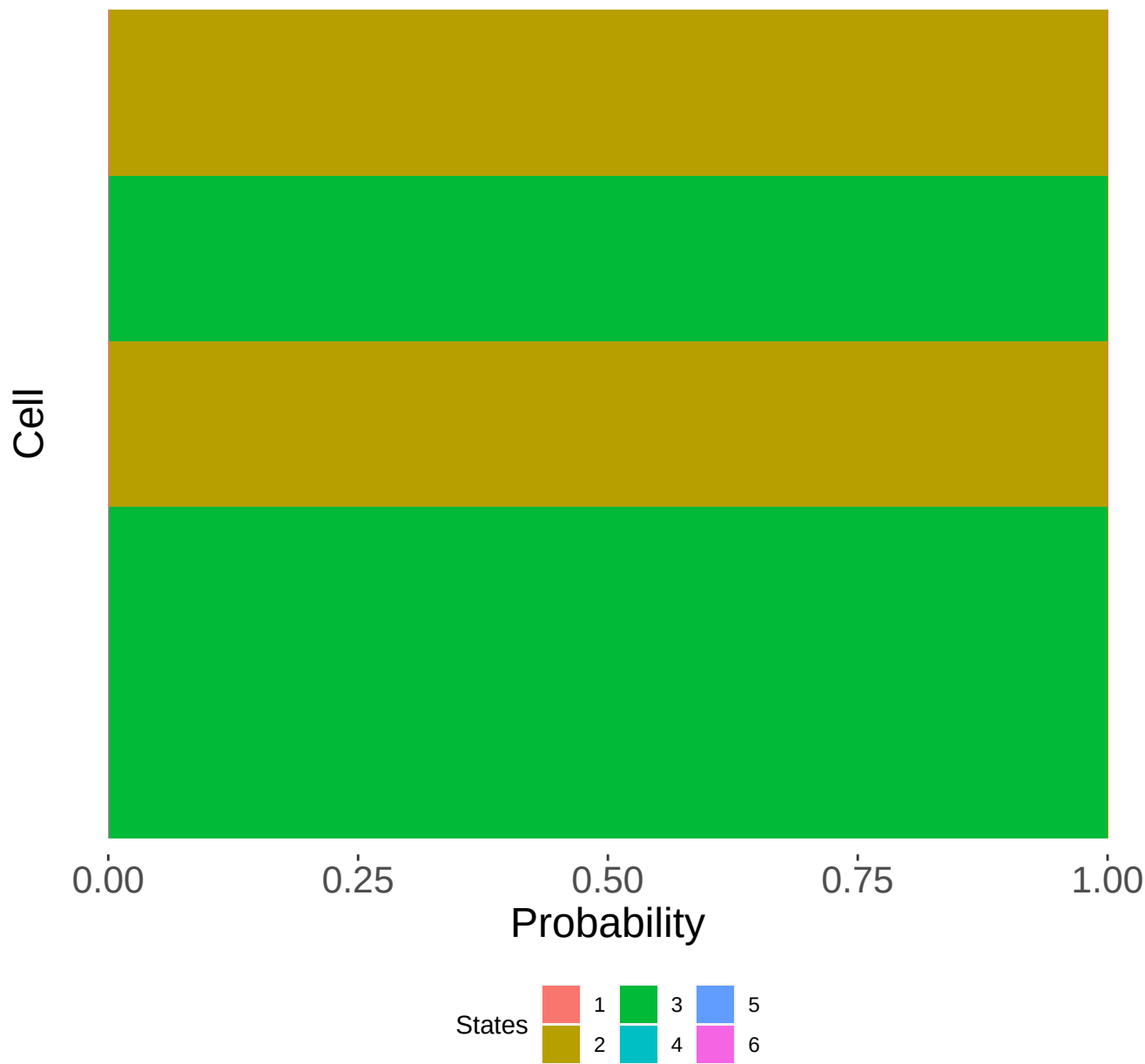
chr11-region_3437



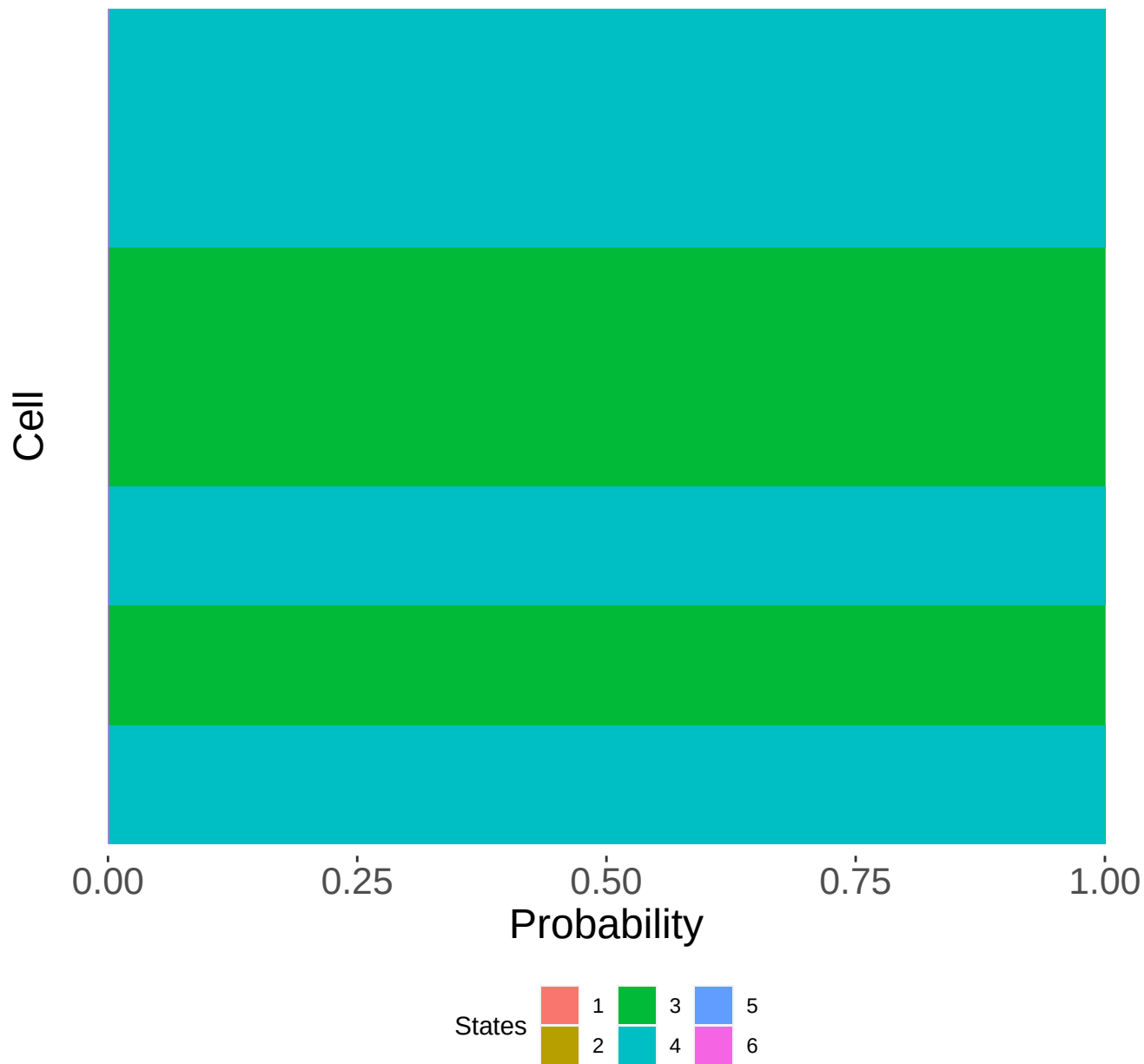
chr17-region_3445



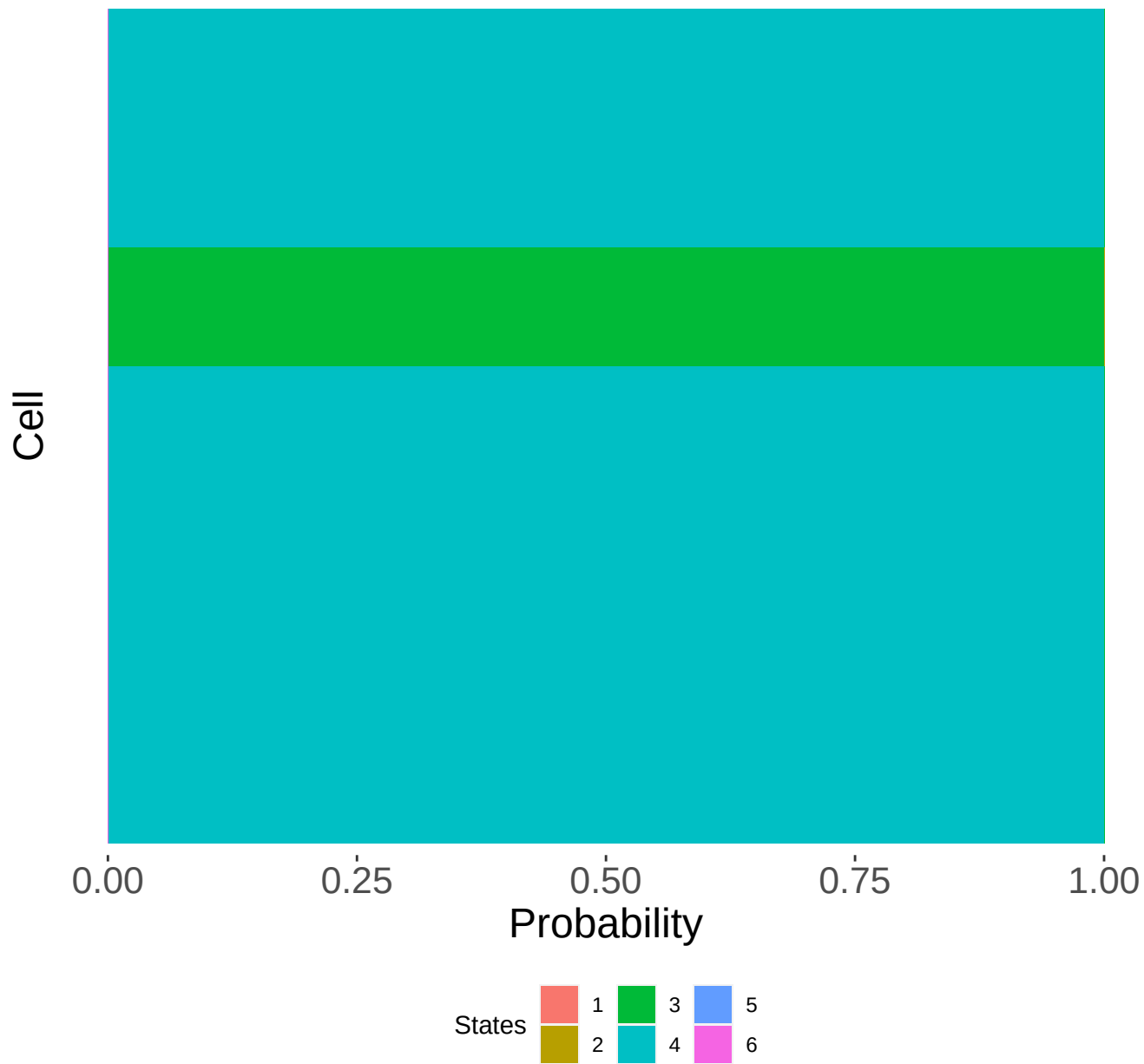
chr17-region_3447



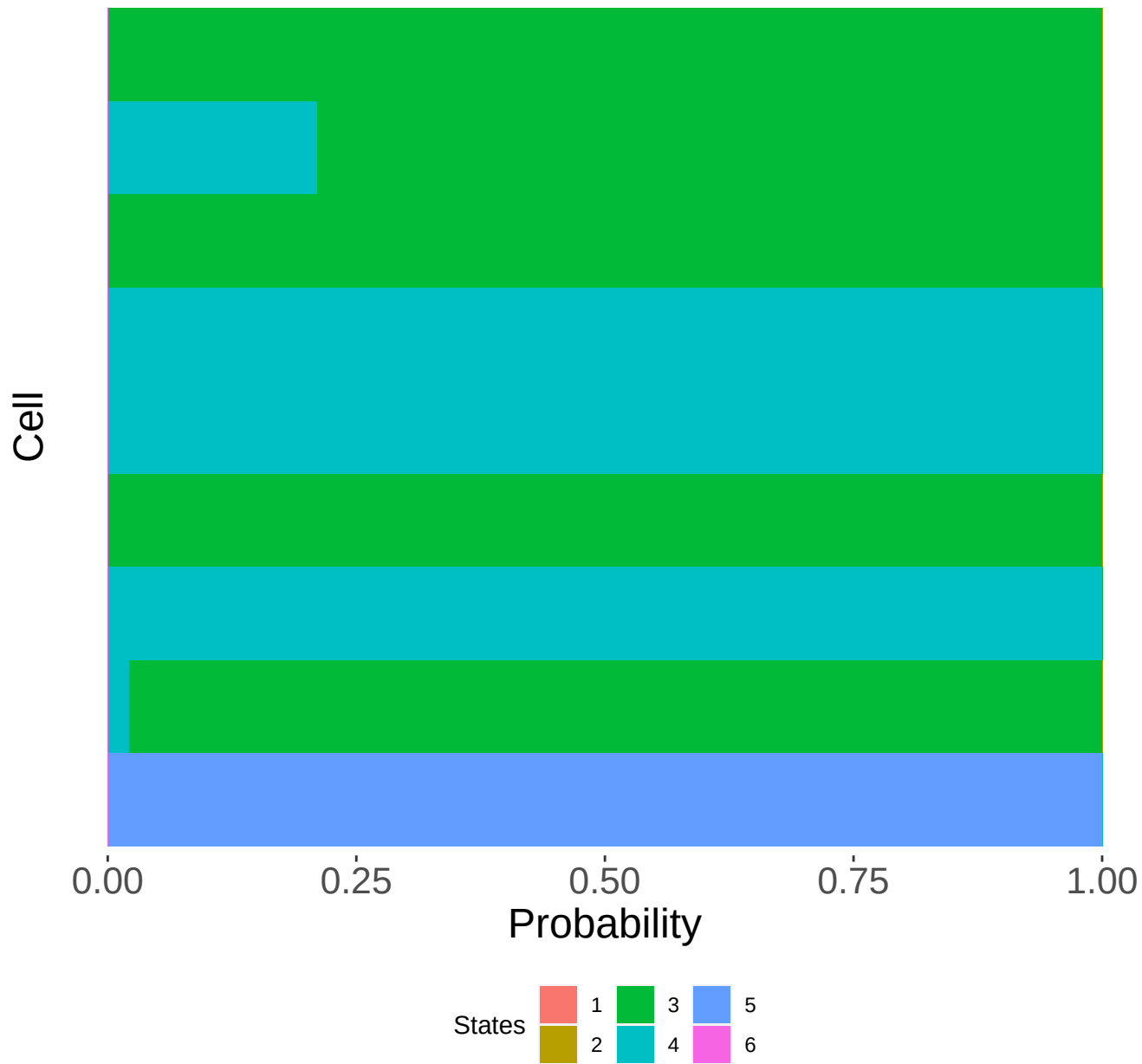
chr2-region_3452



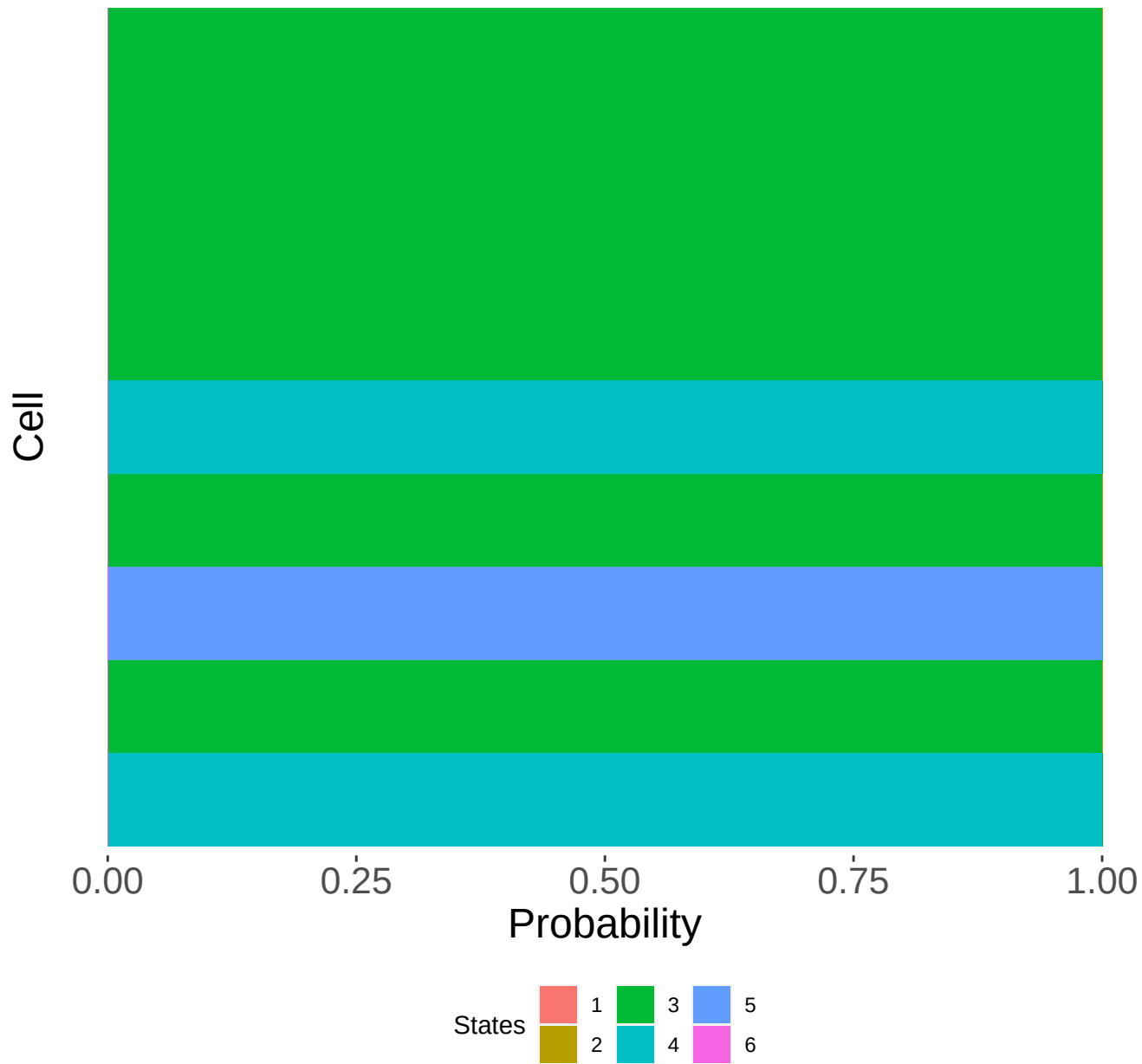
chr7-region_3459



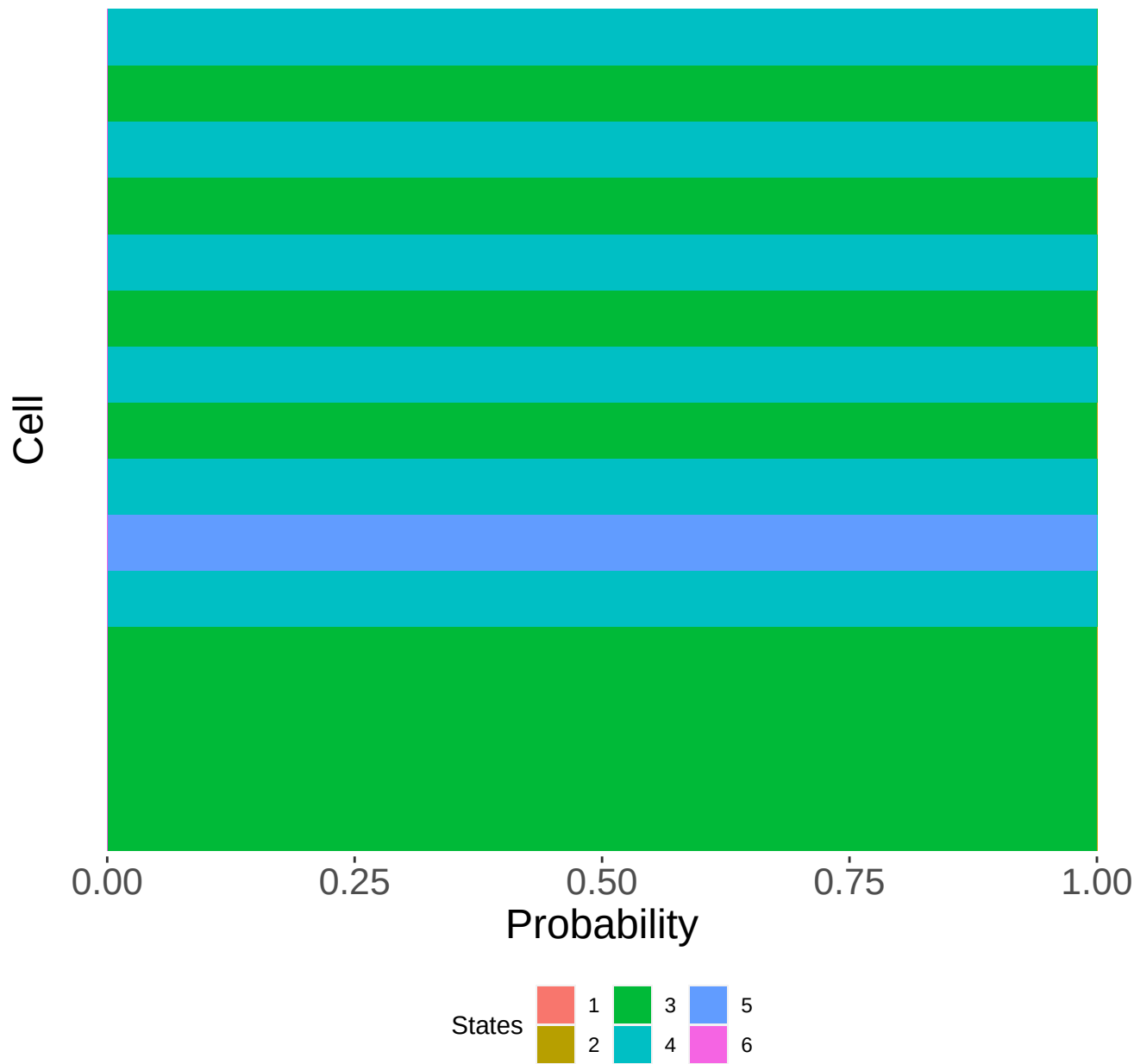
chr1-region_3472



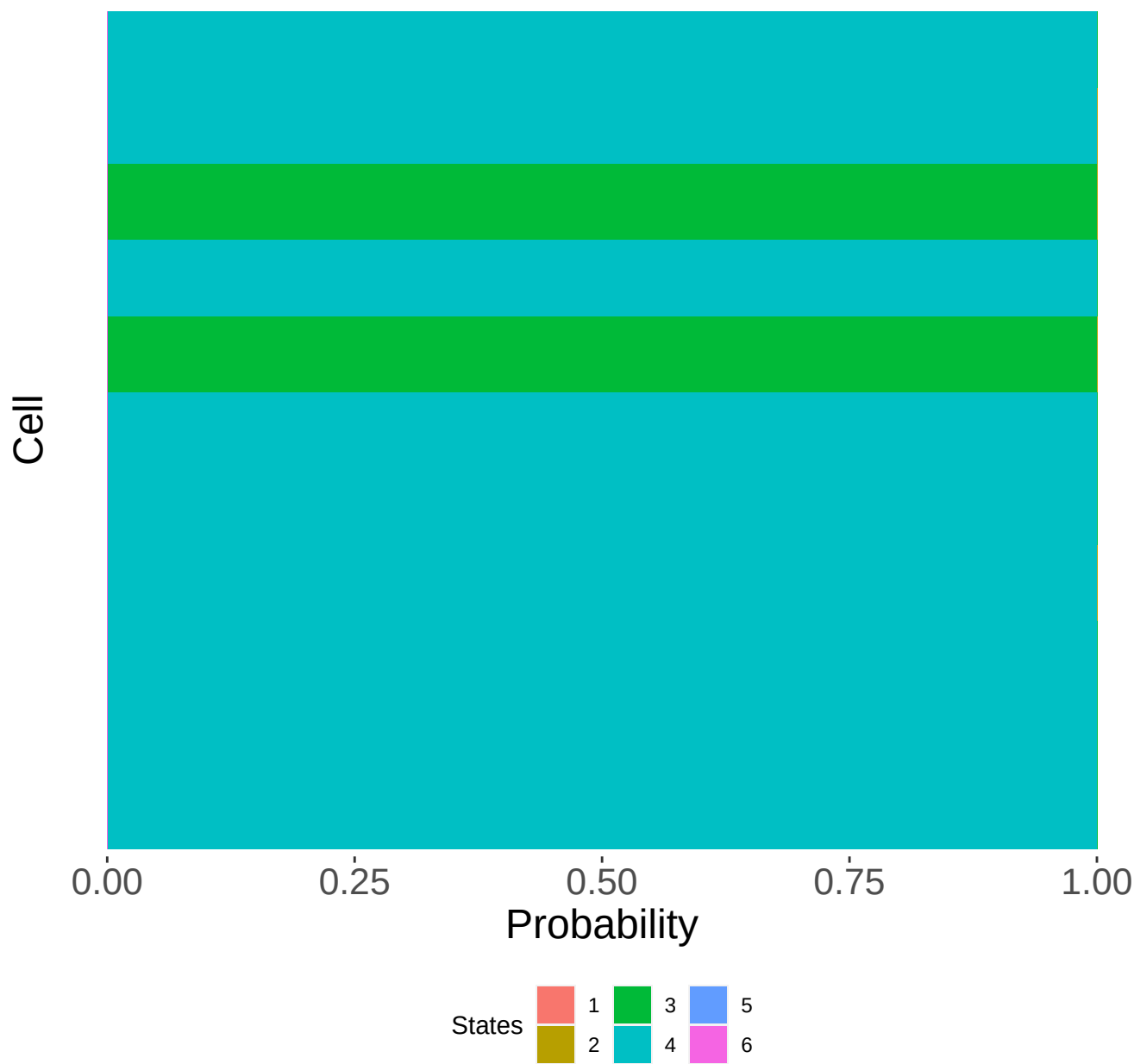
chr9-region_3482



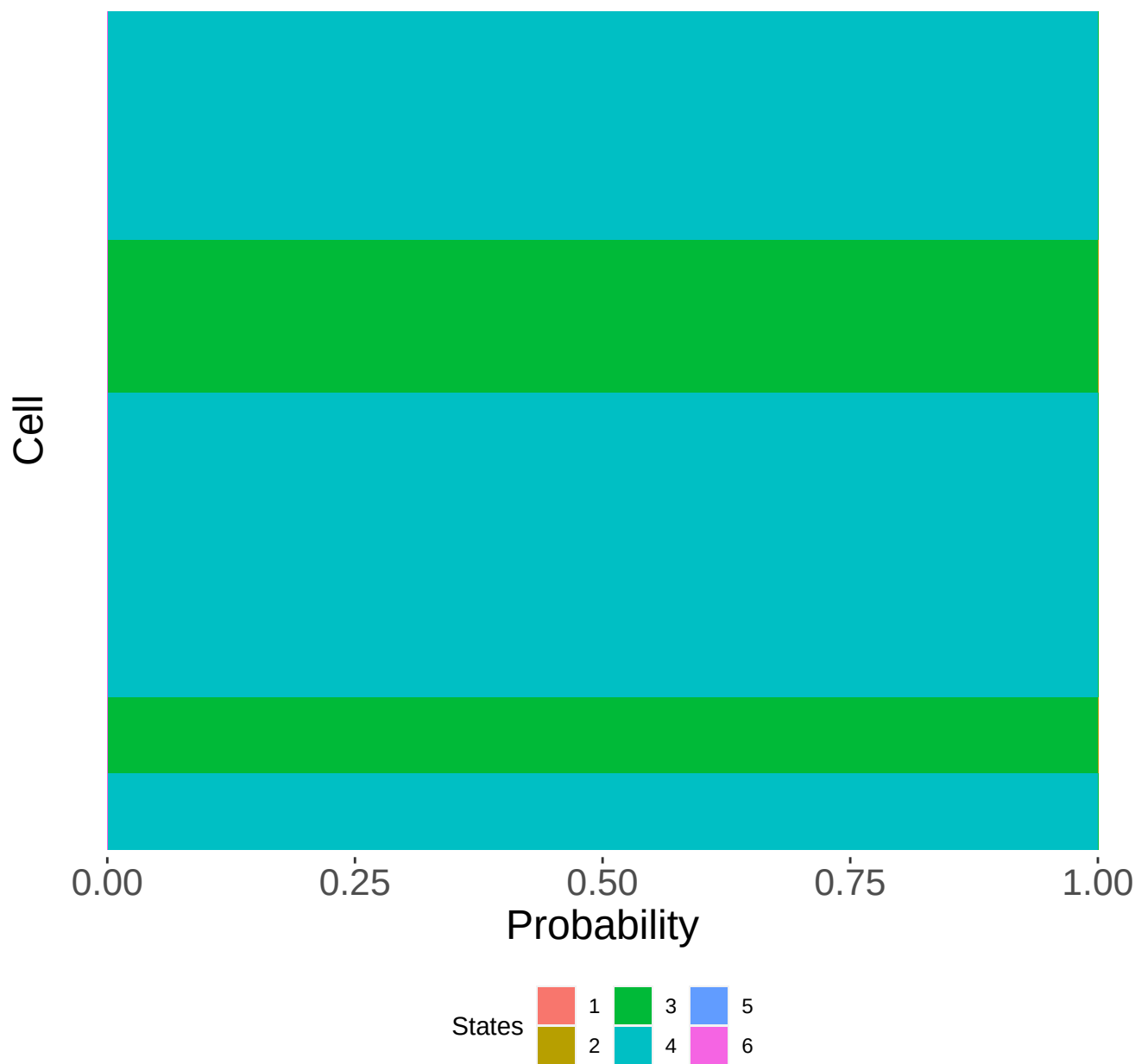
chr9-region_3502



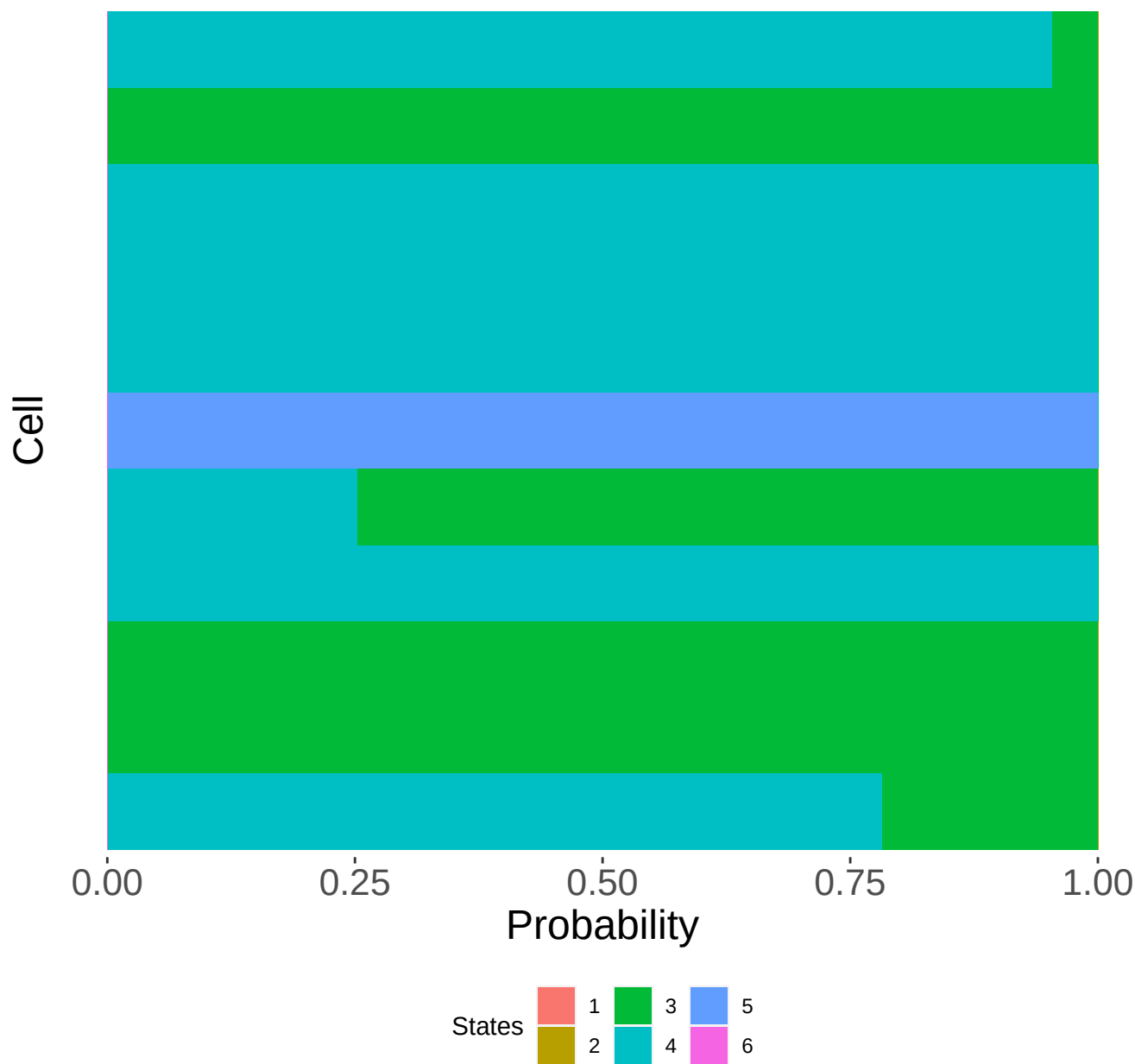
chr8-region_3521



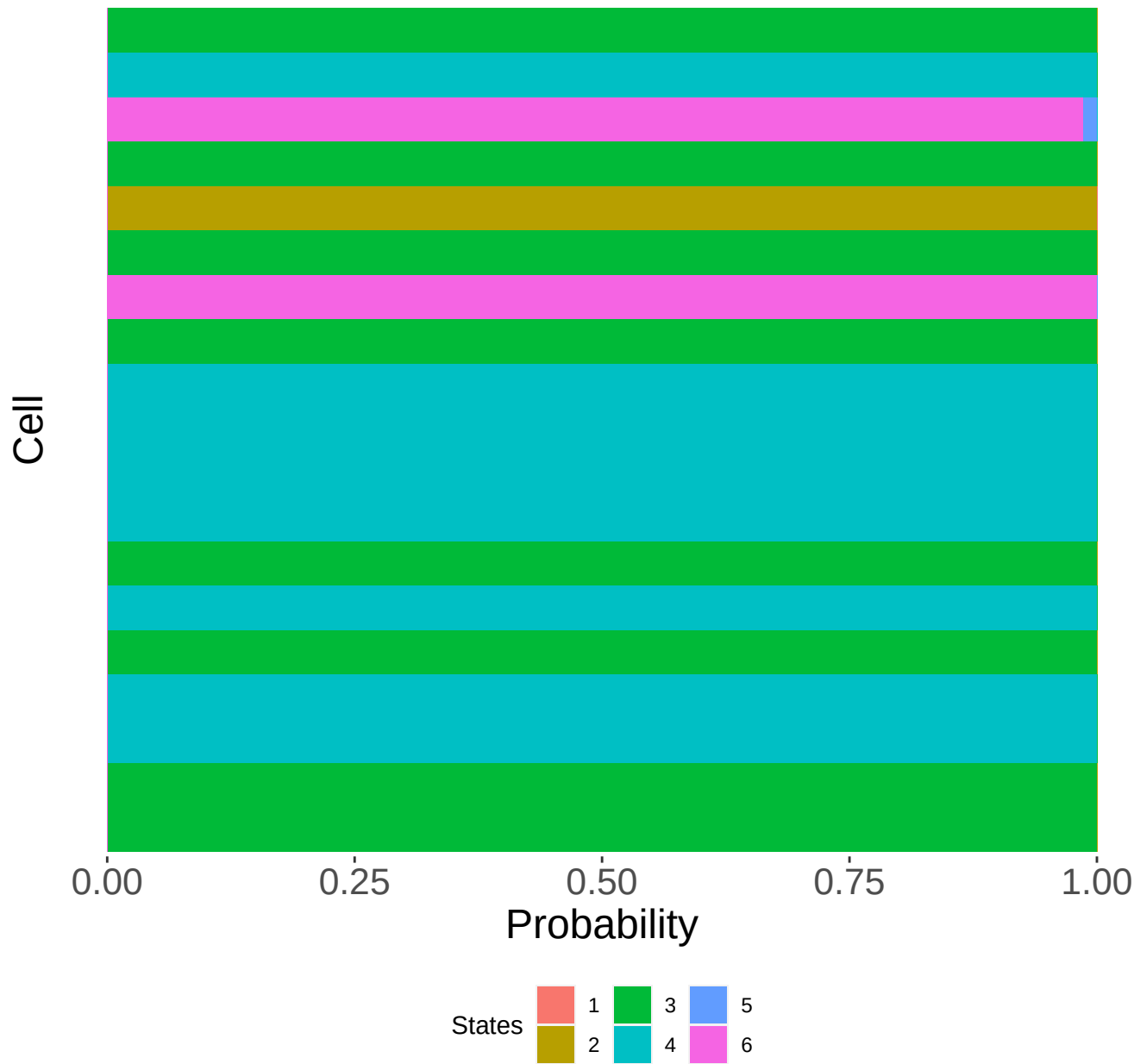
chr17-region_3531



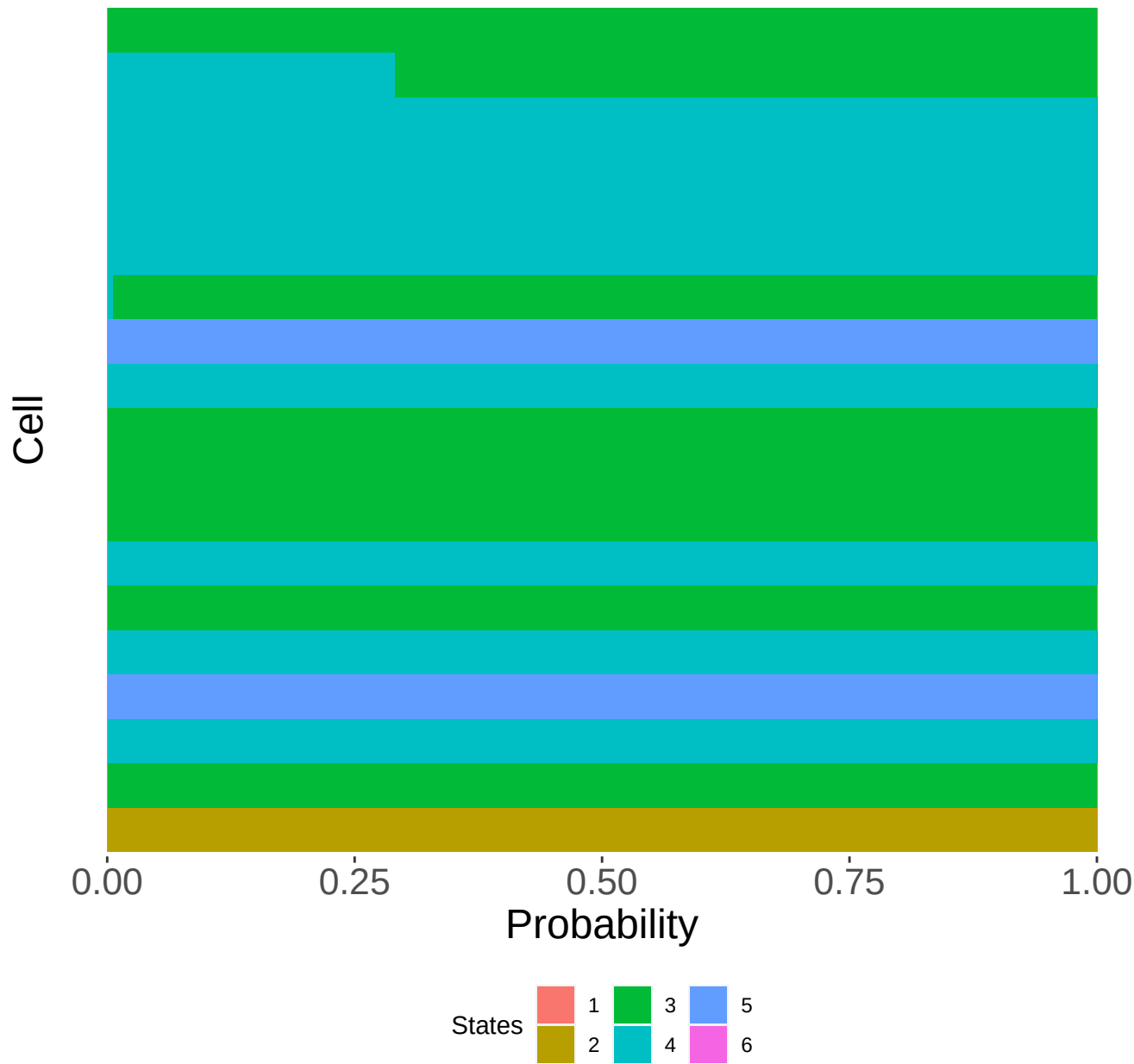
chr19-region_3534



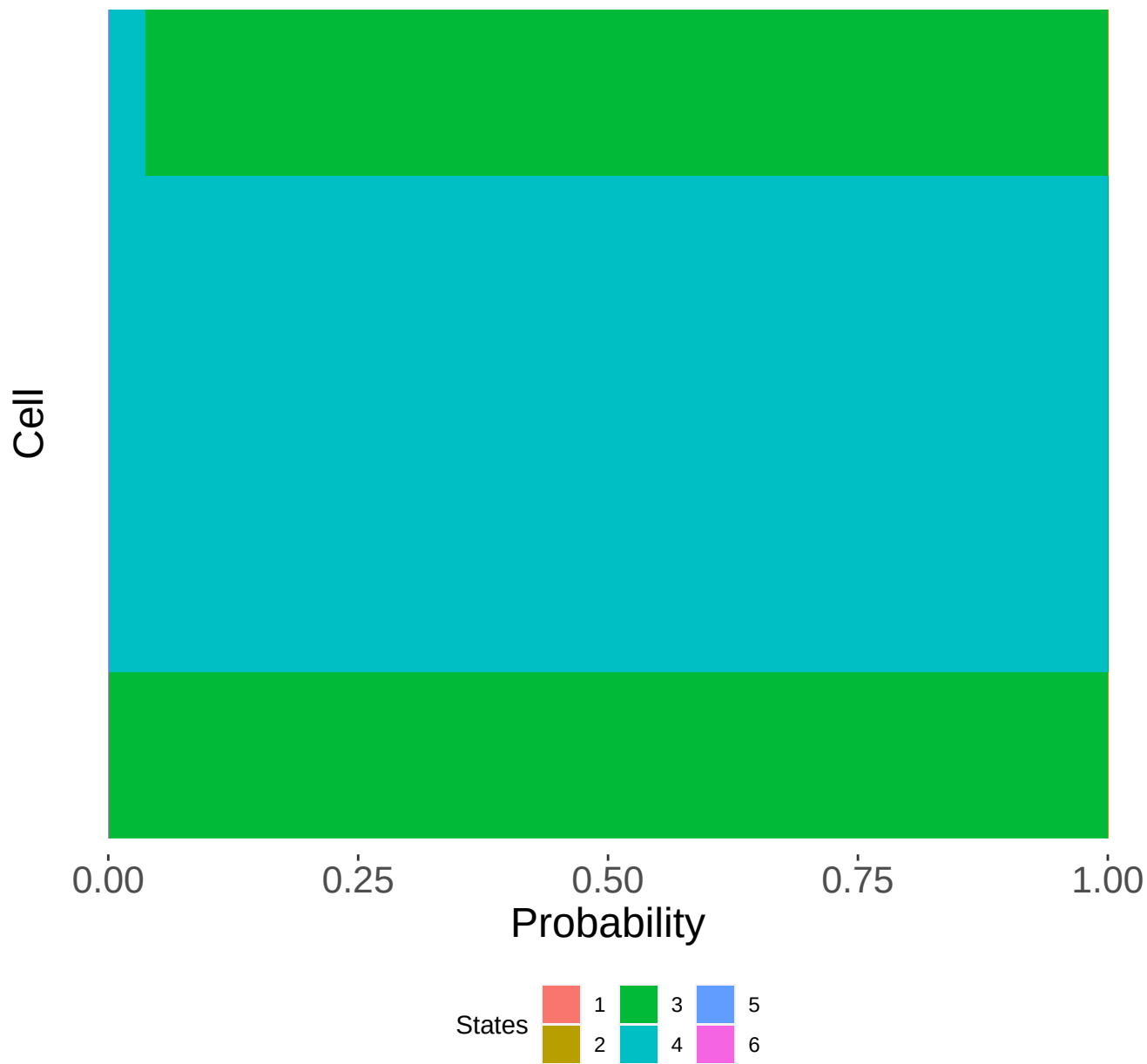
chr9-region_3545



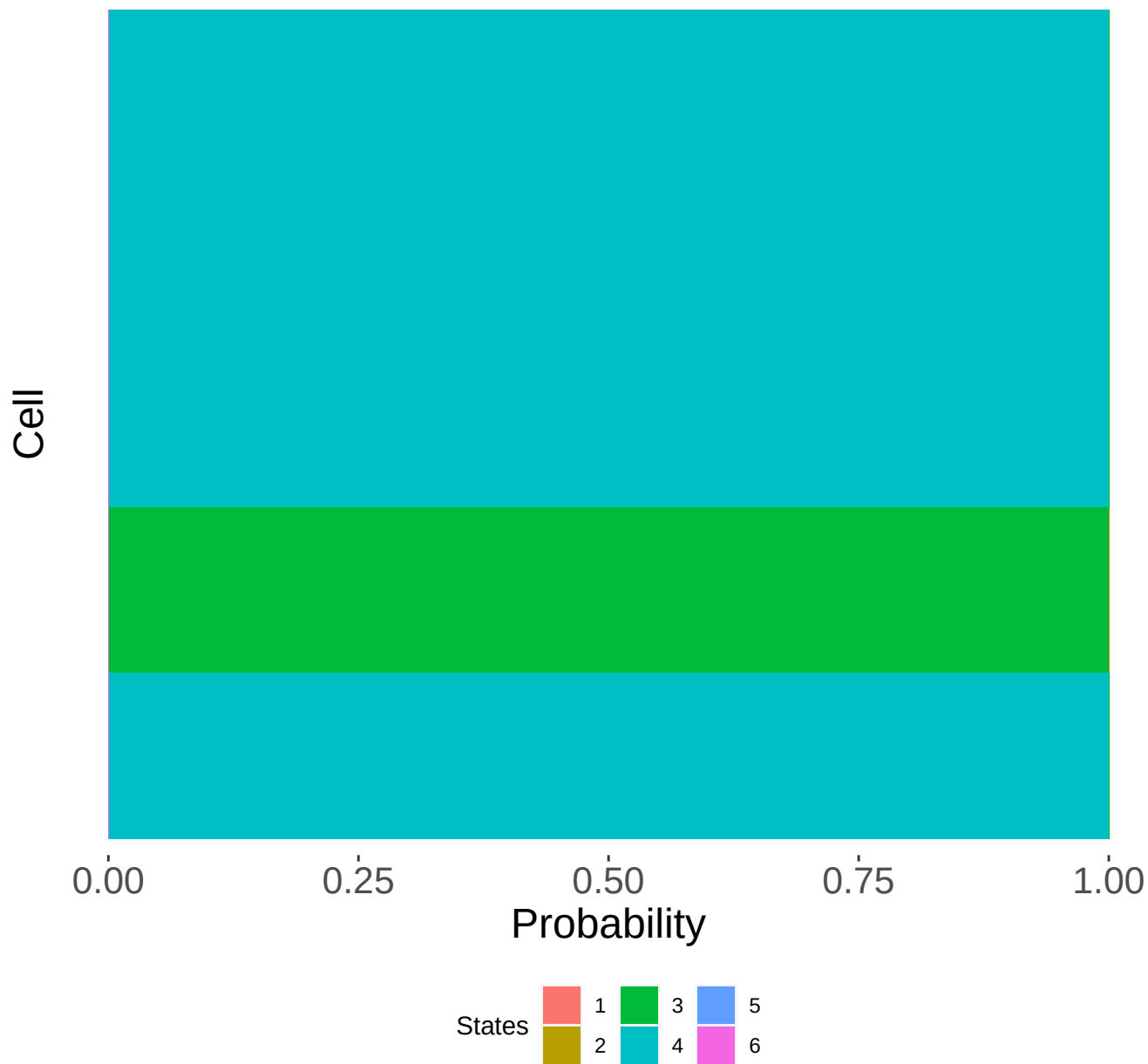
chr15-region_3552



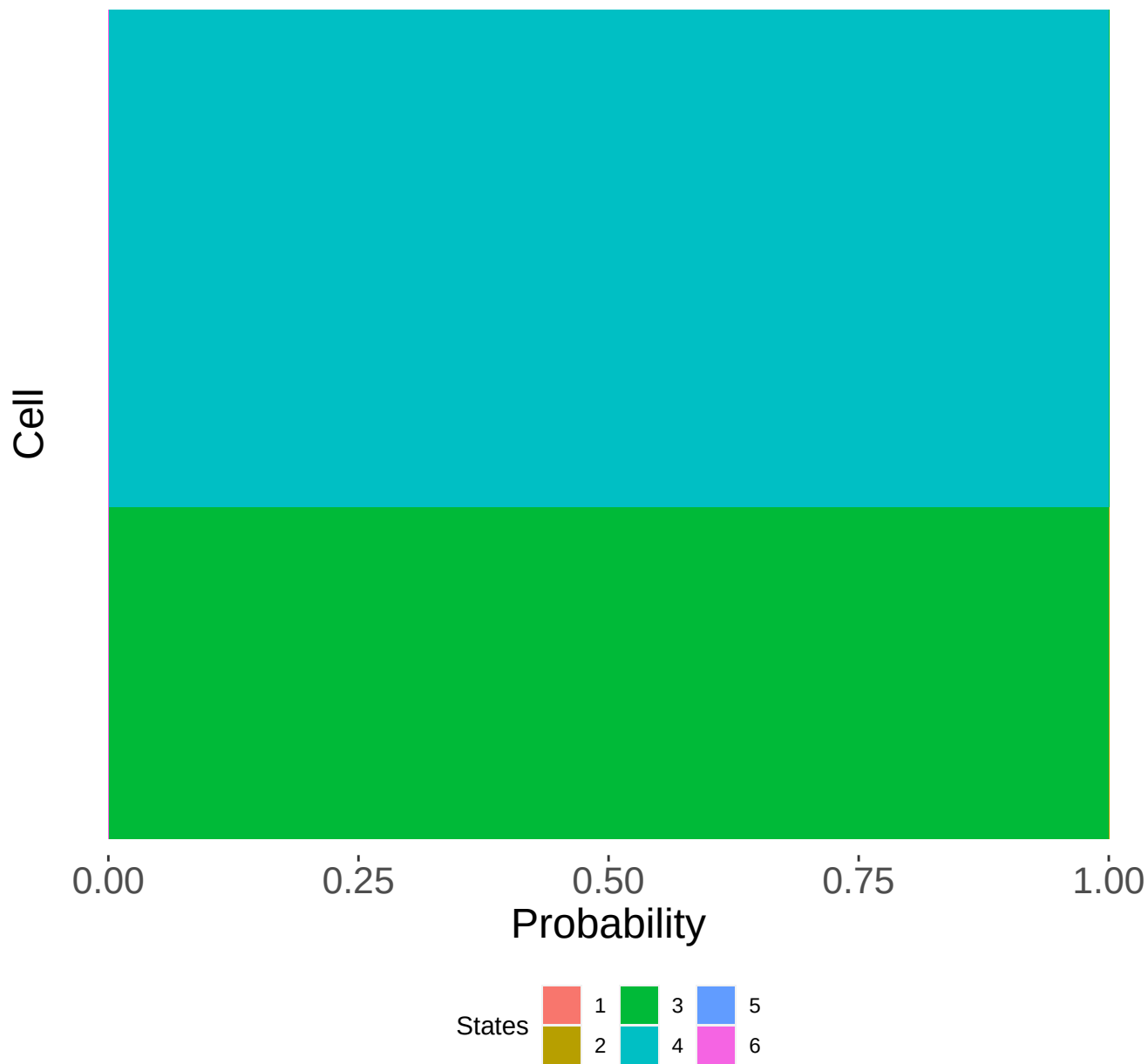
chr5-region_3562



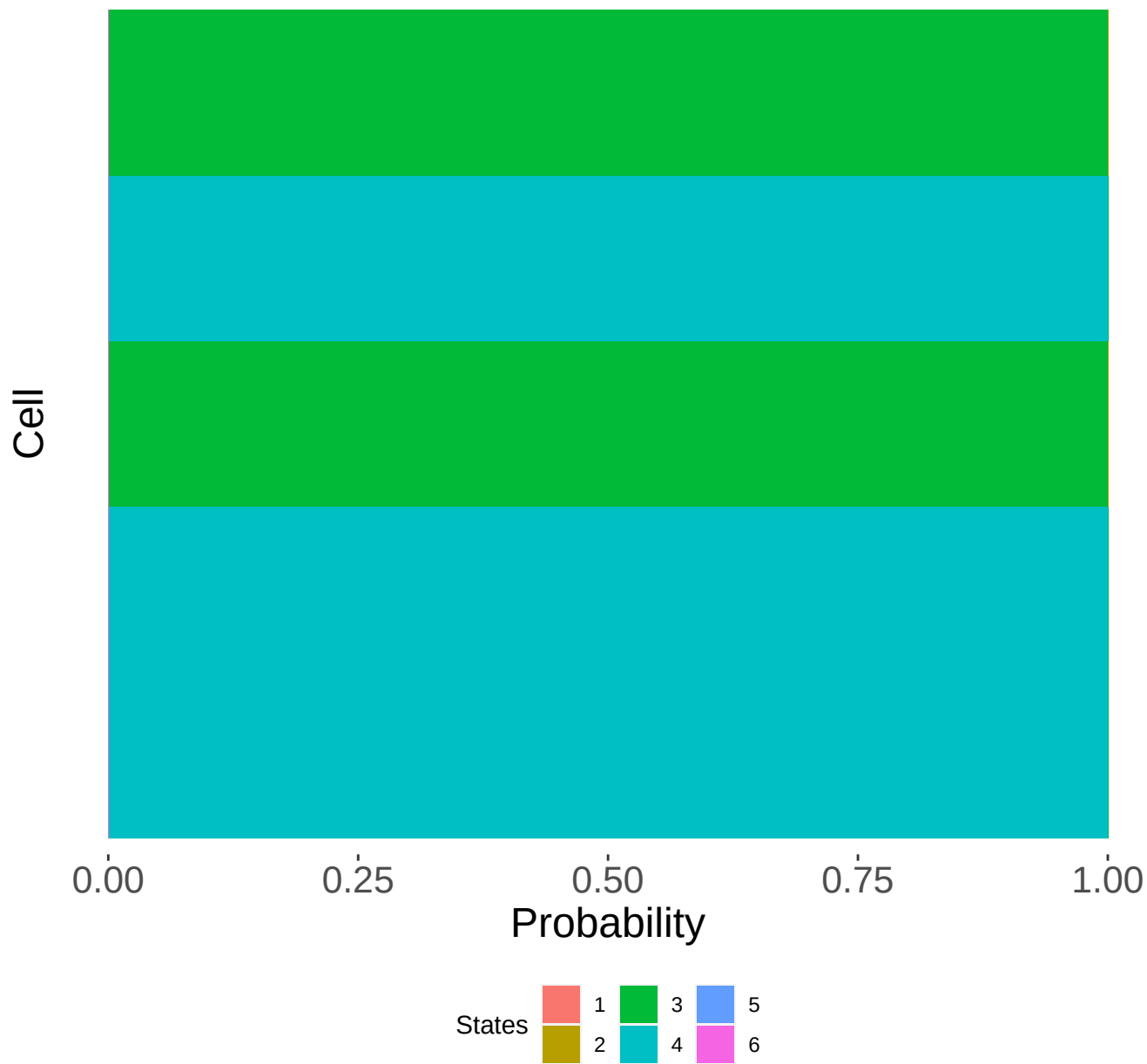
chr7-region_3566



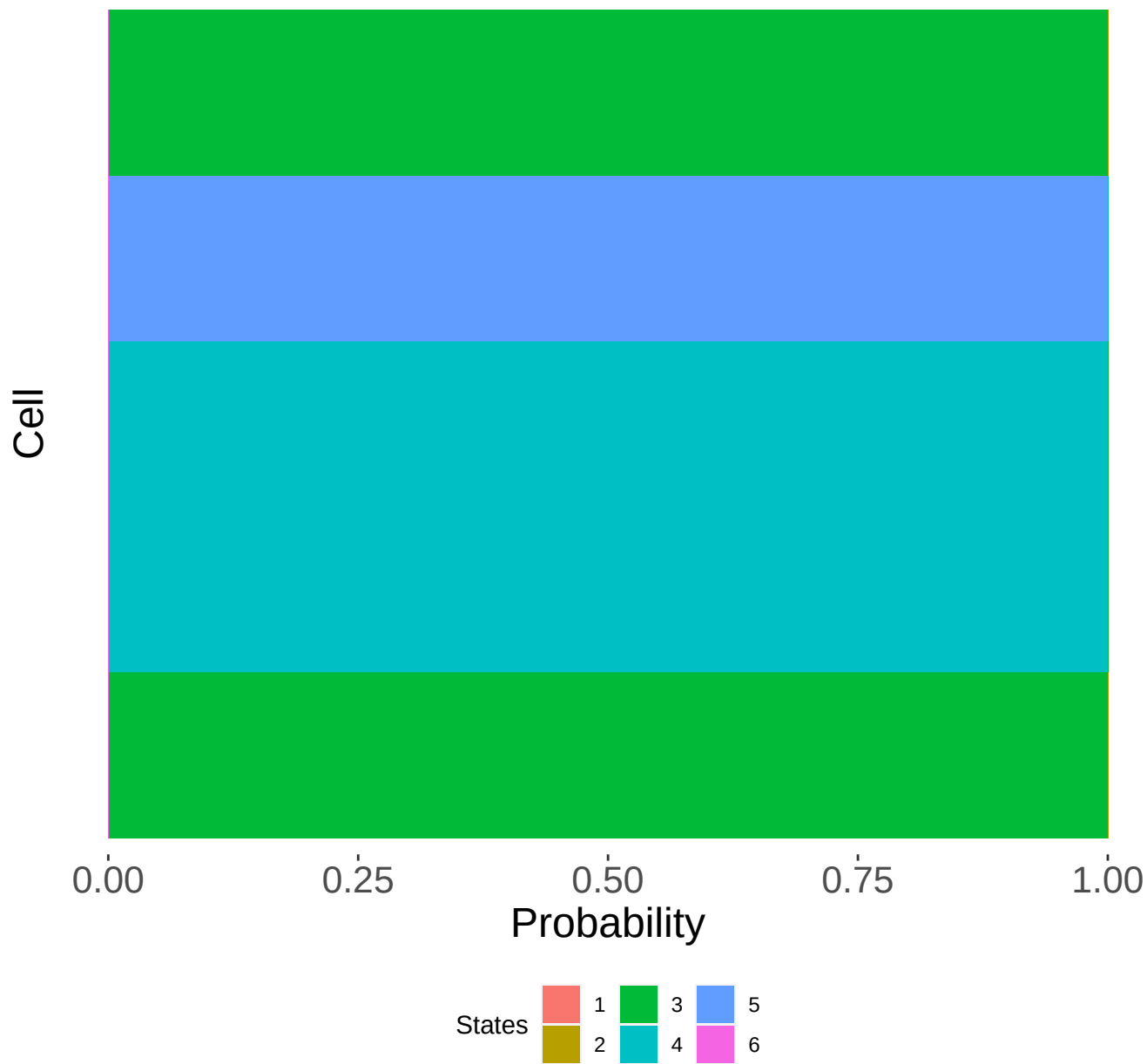
chr7-region_3568



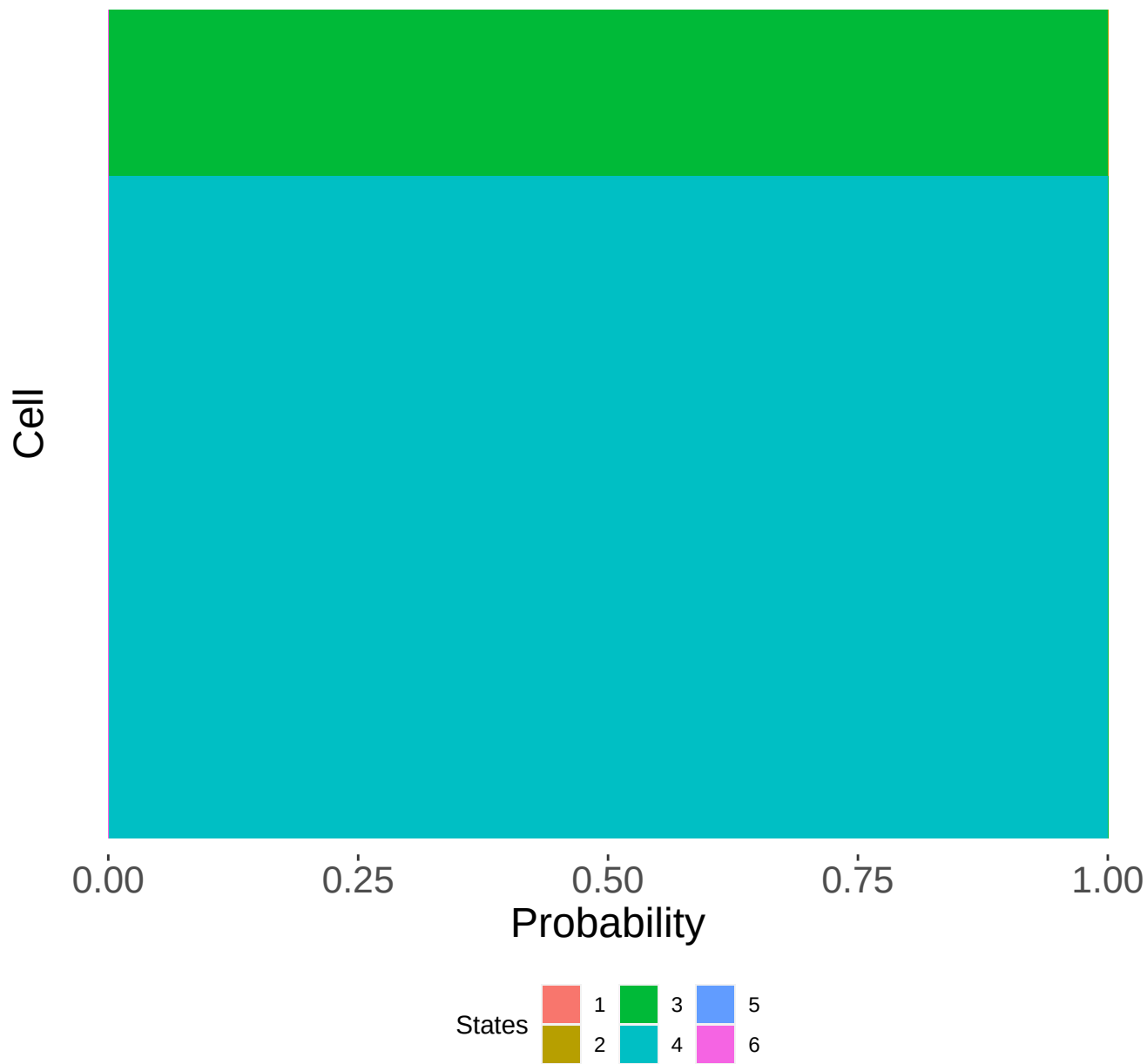
chr9-region_3572



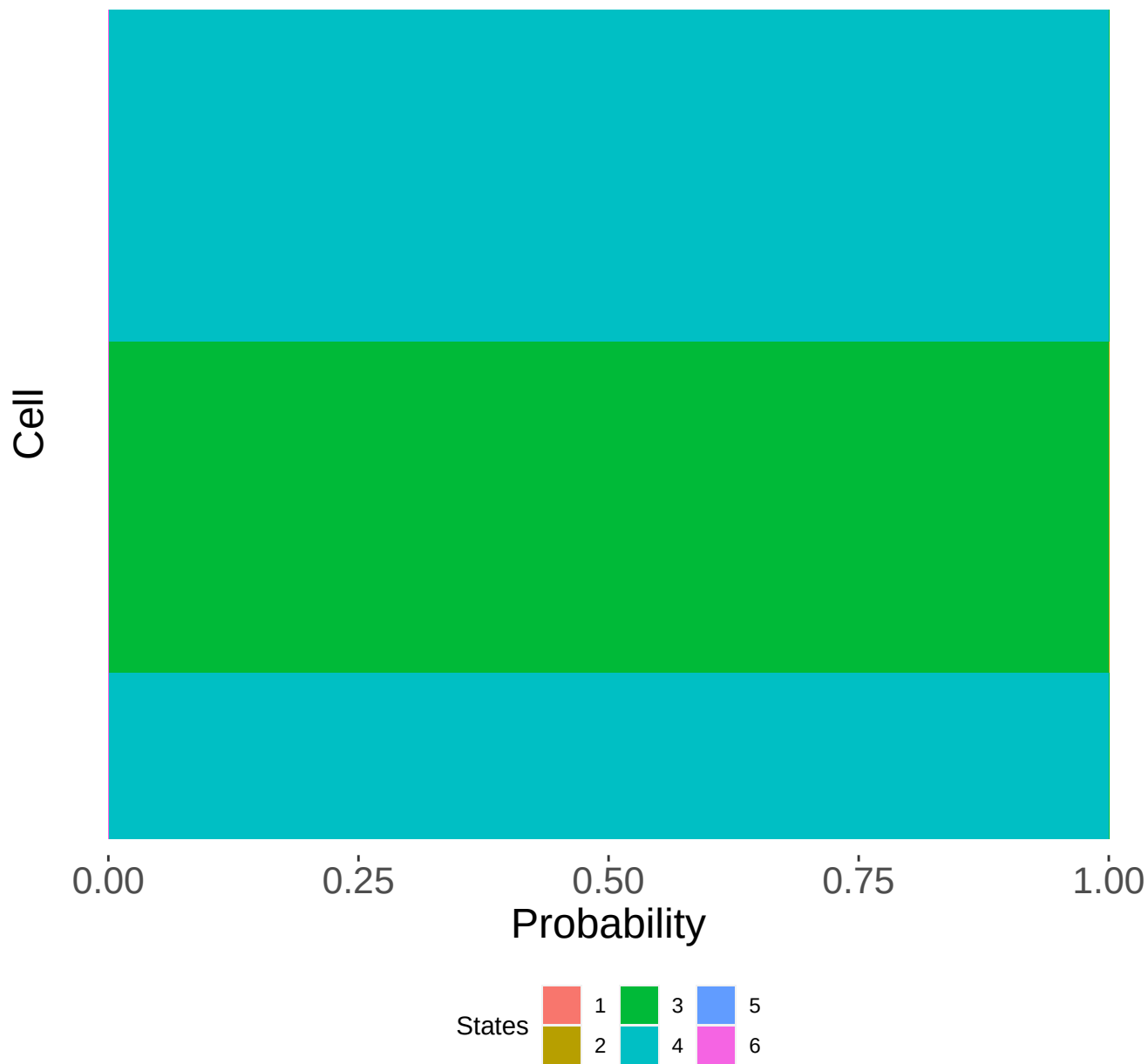
chr10-region_3574



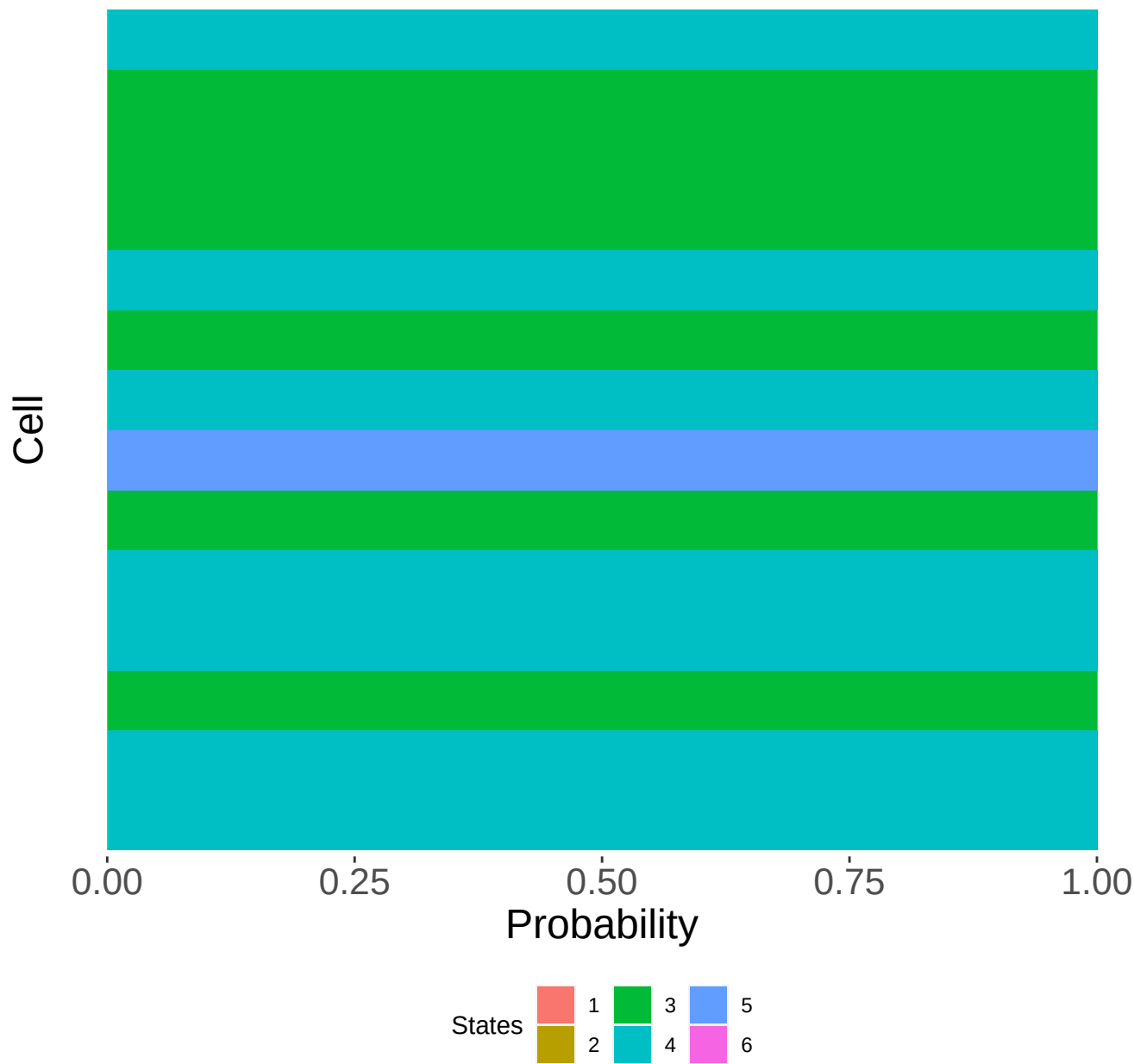
chr11-region_3576



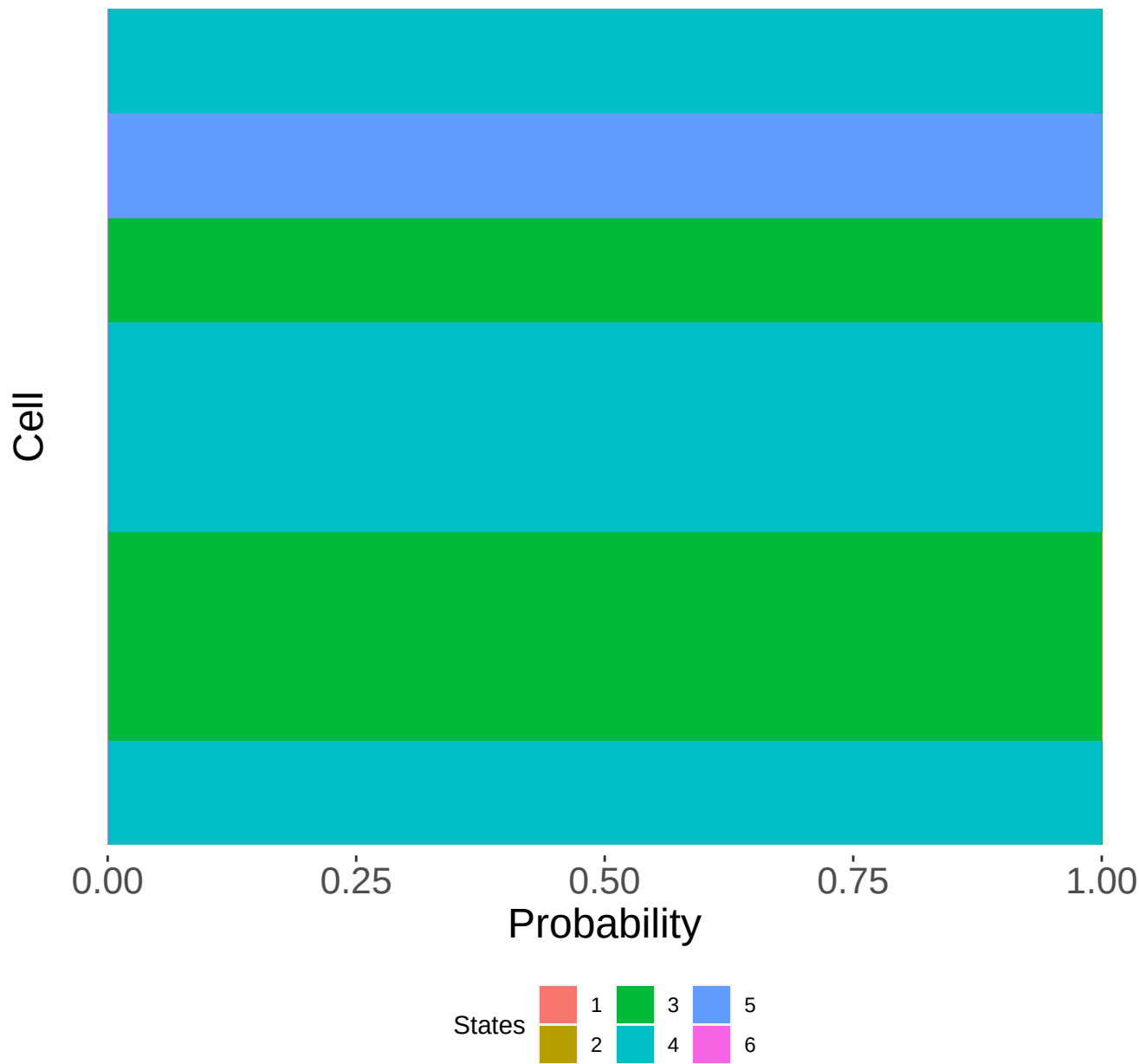
chr17-region_3584



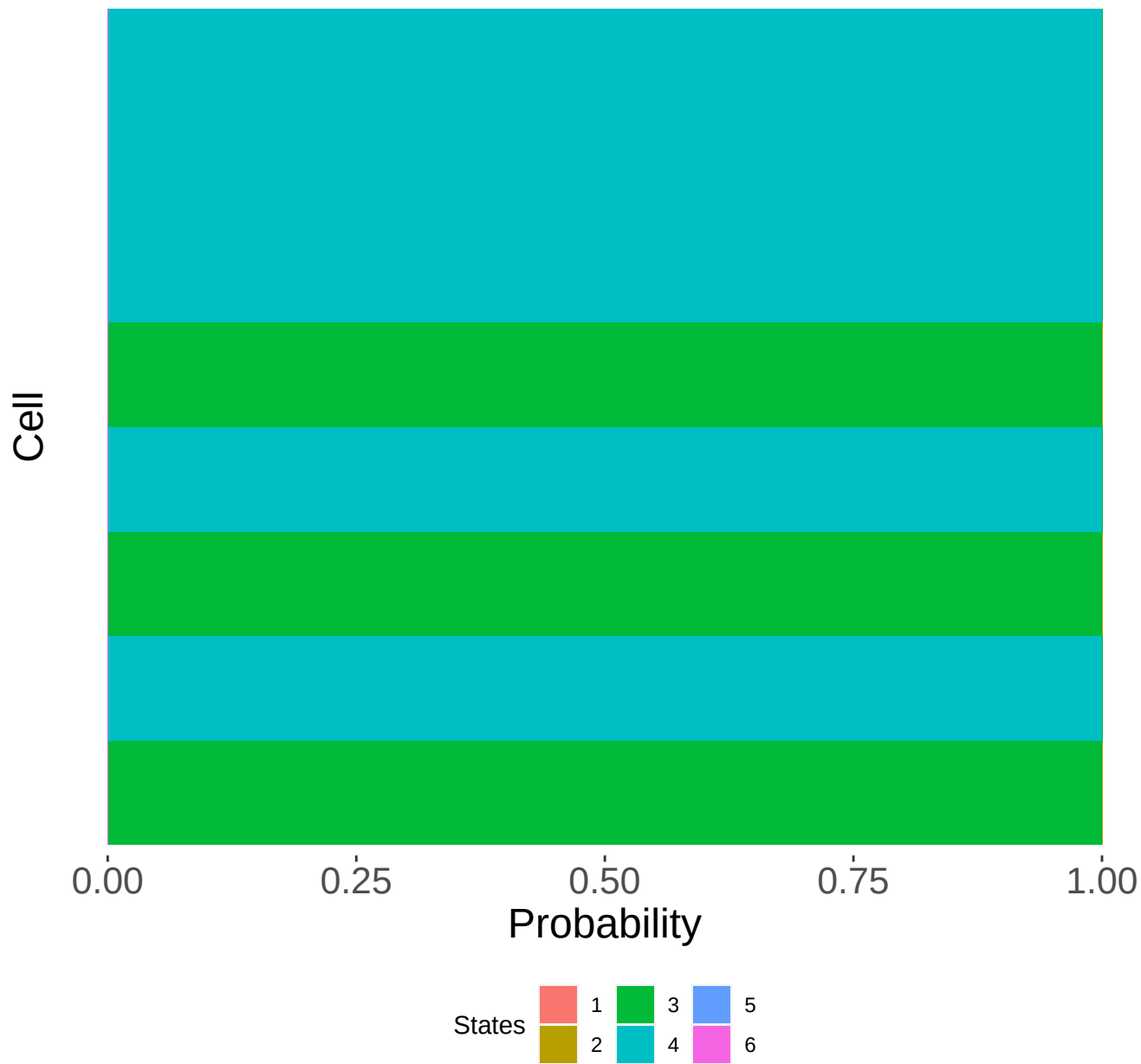
chr15-region_3603



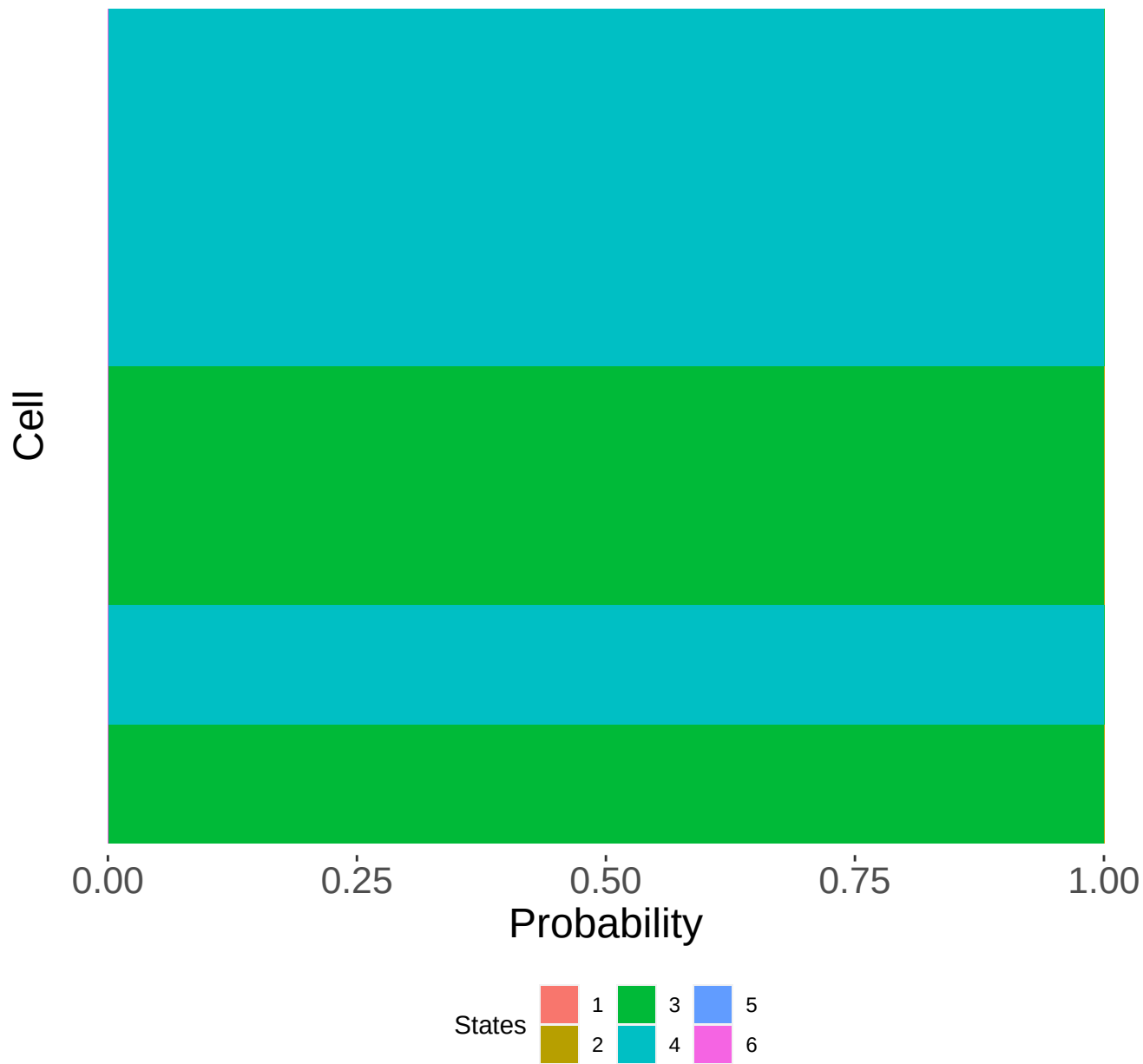
chr12-region_3621



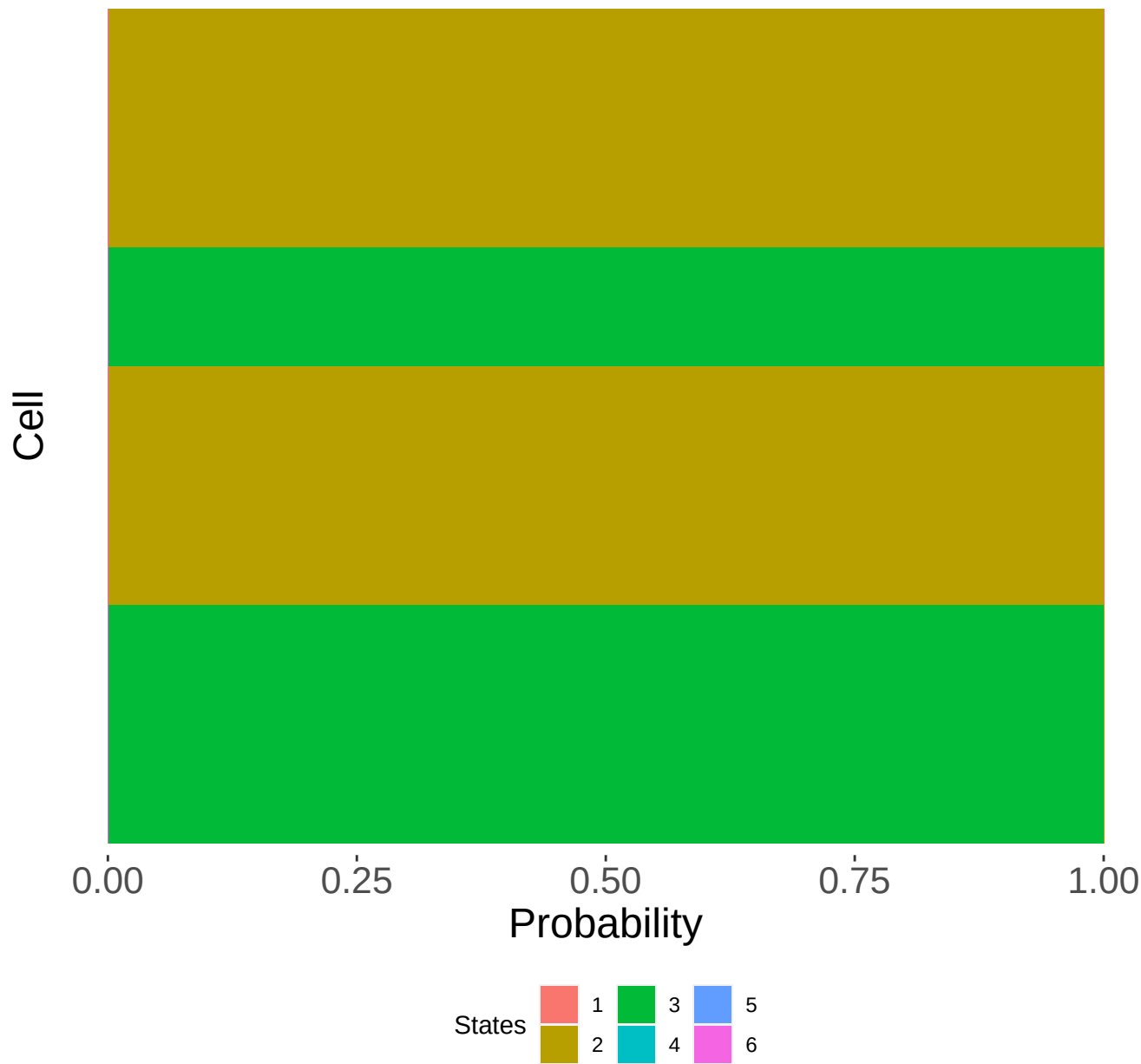
chr15-region_3625



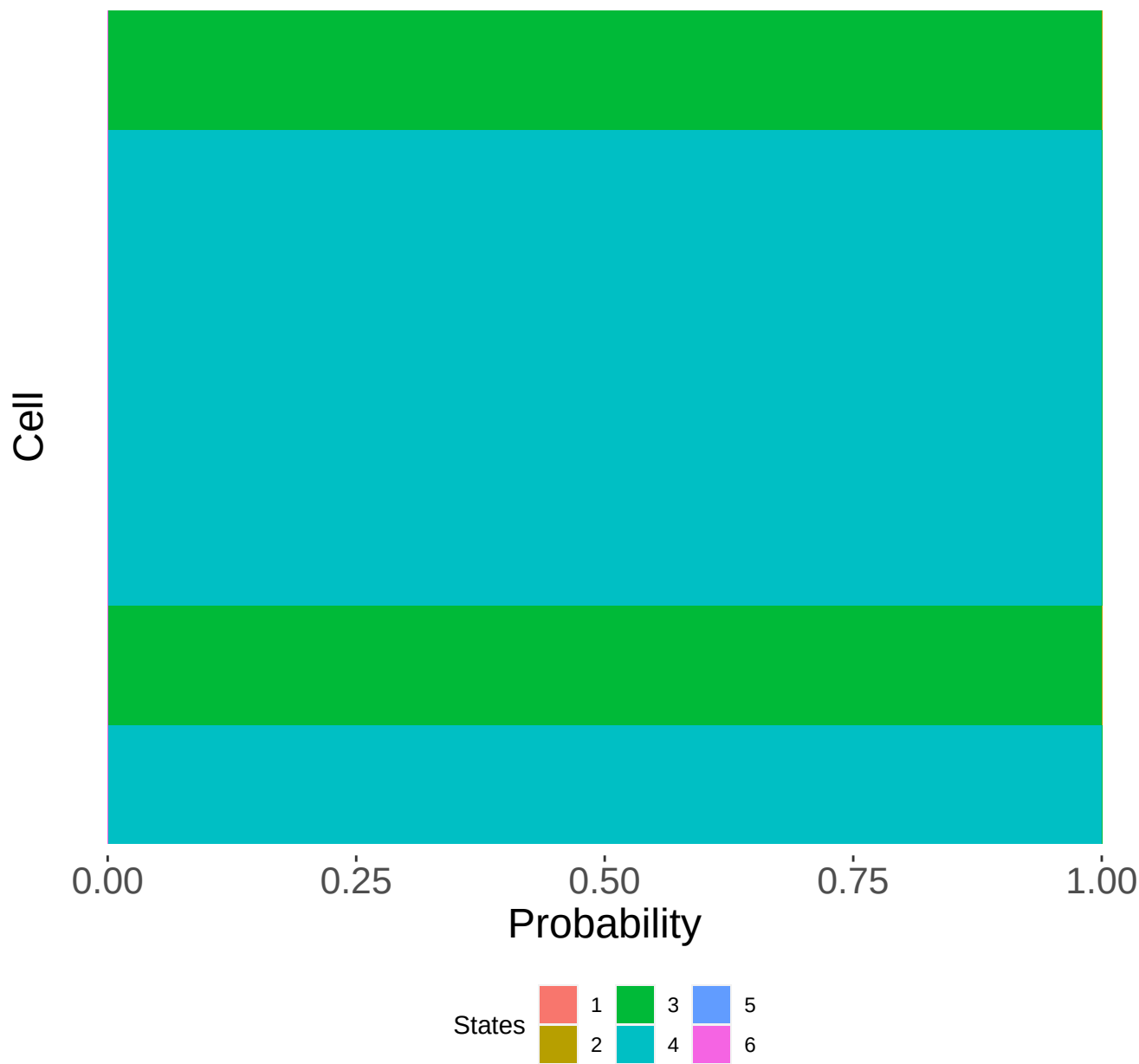
chr2-region_3673



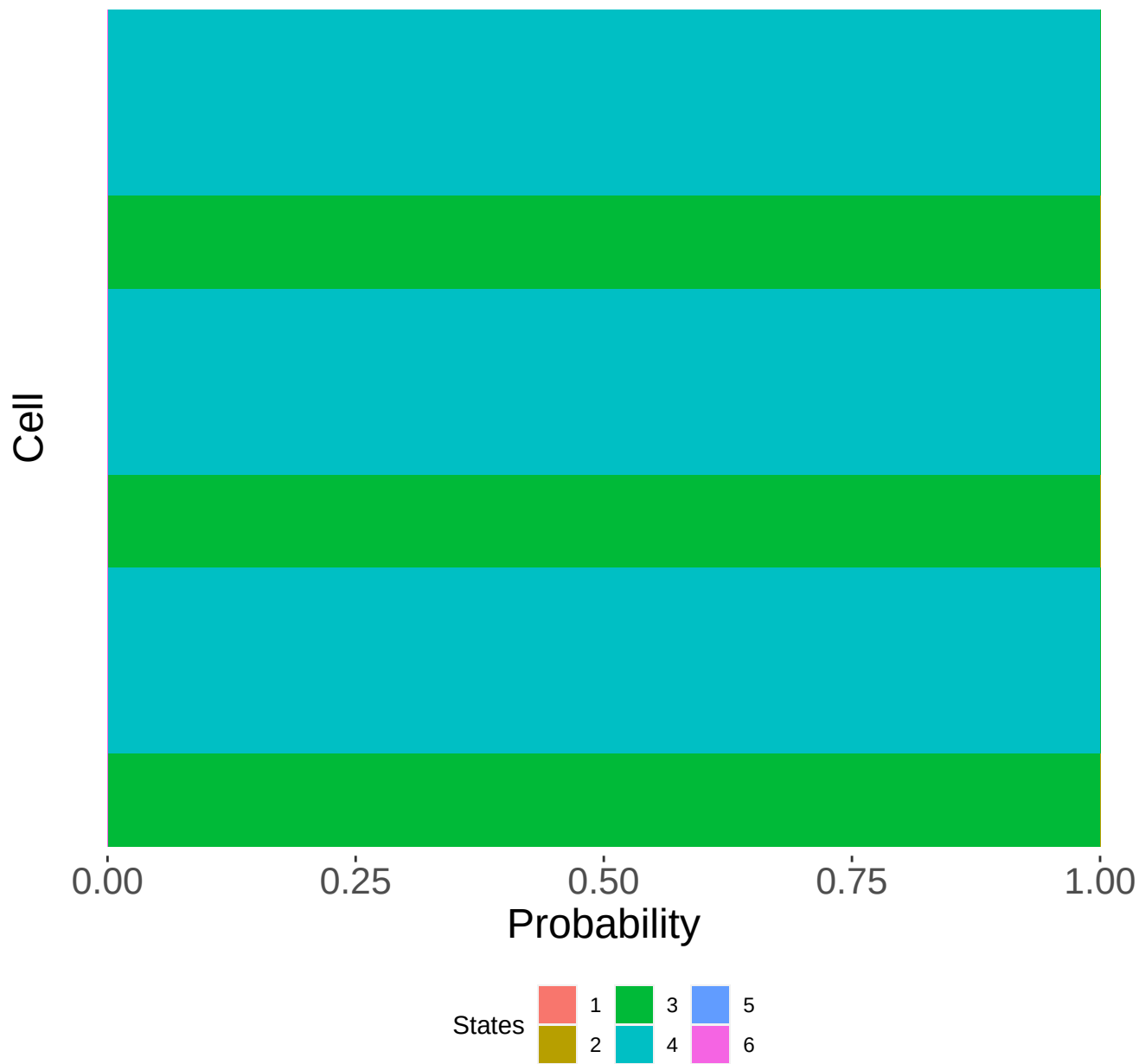
chr13-region_3685



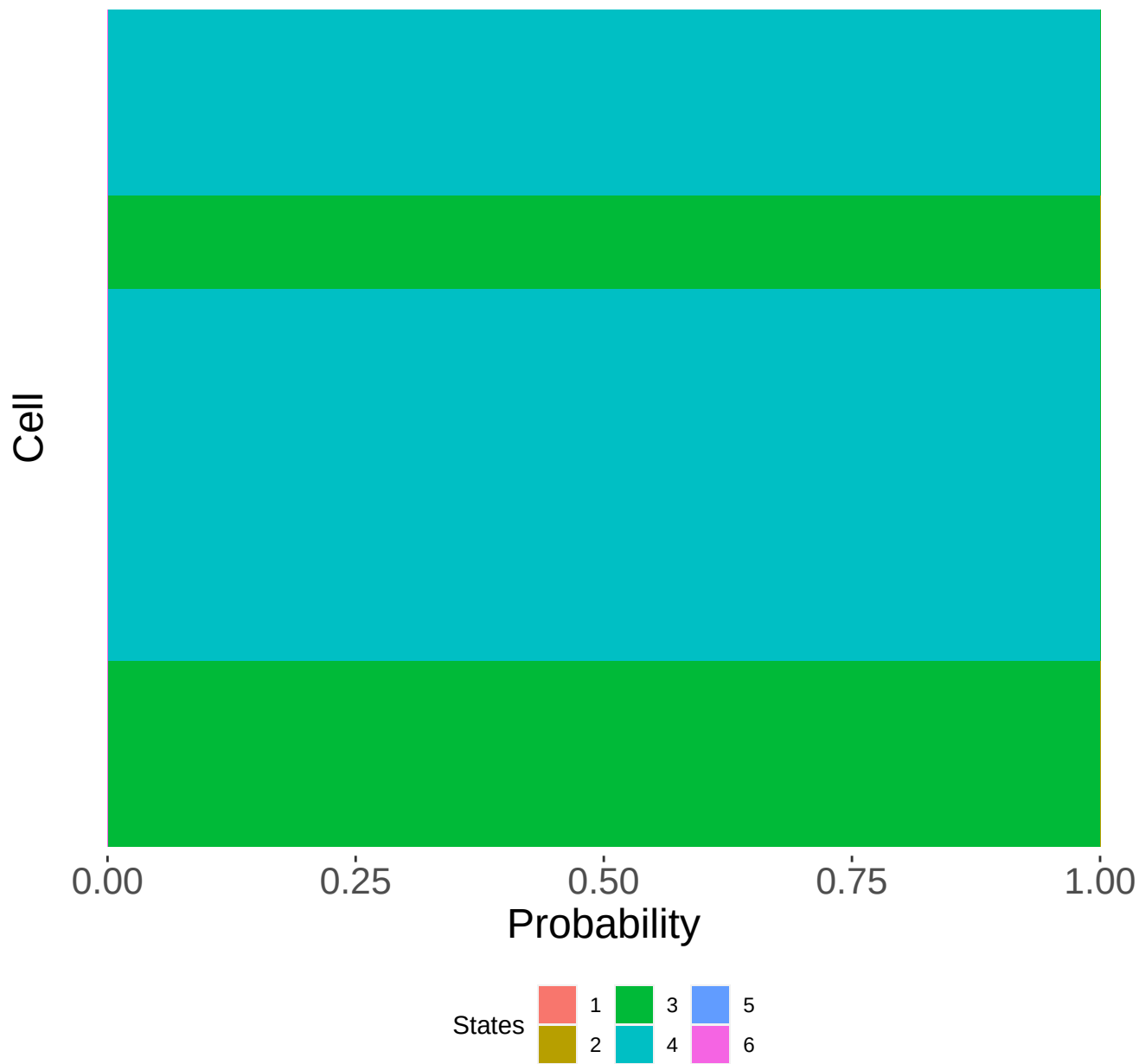
chr17-region_3691



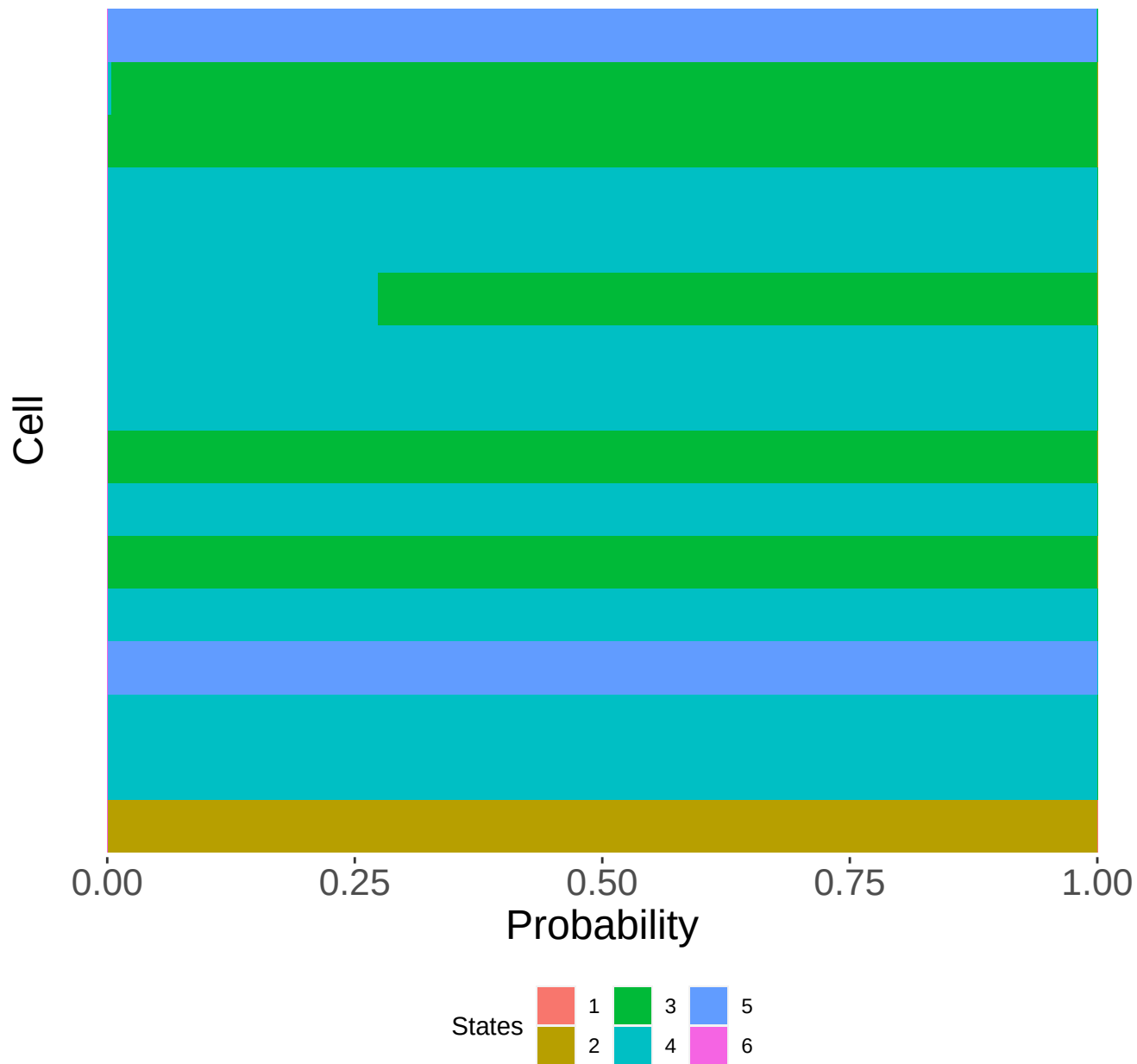
chr2-region_3697



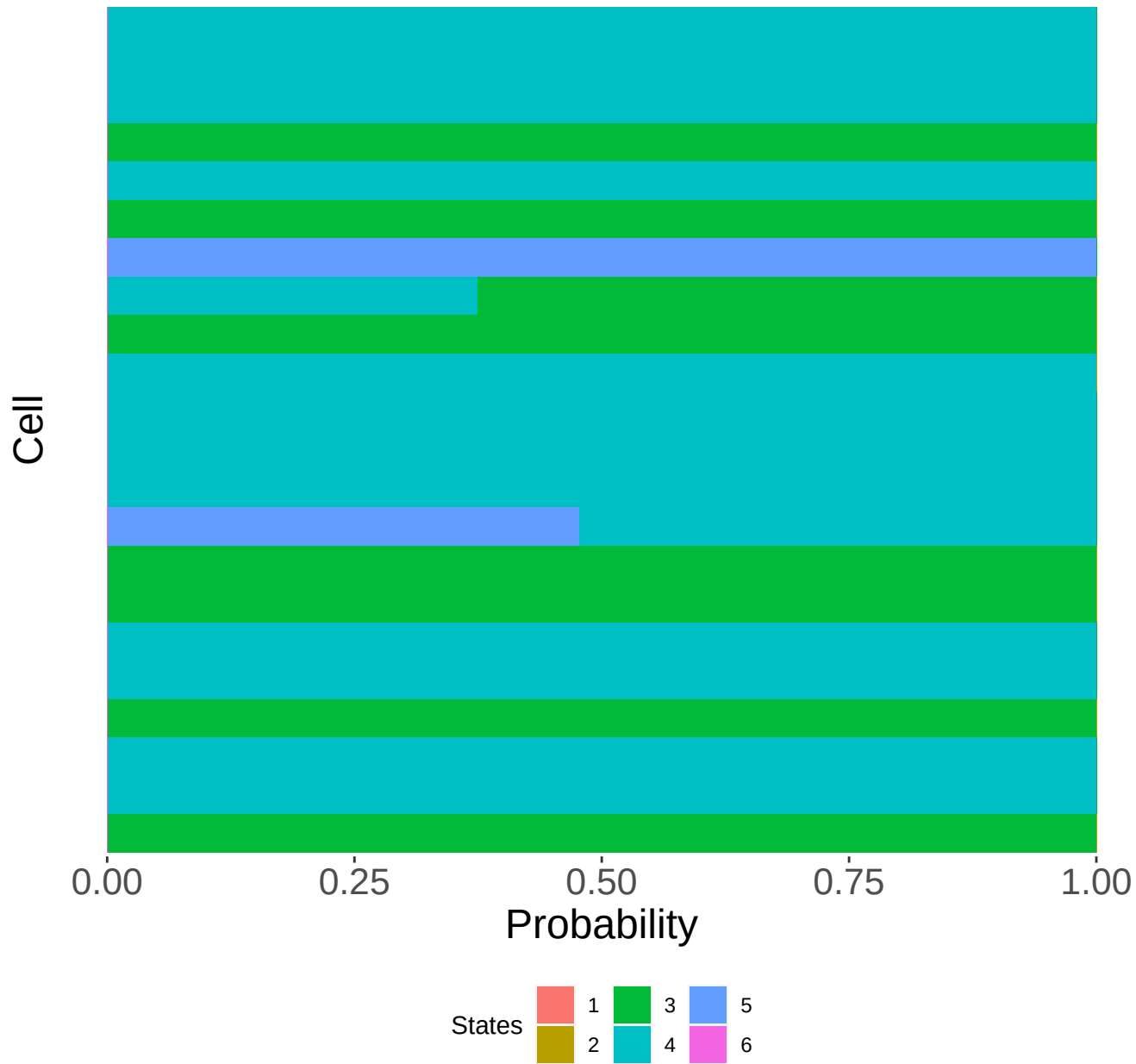
chr5-region_3702



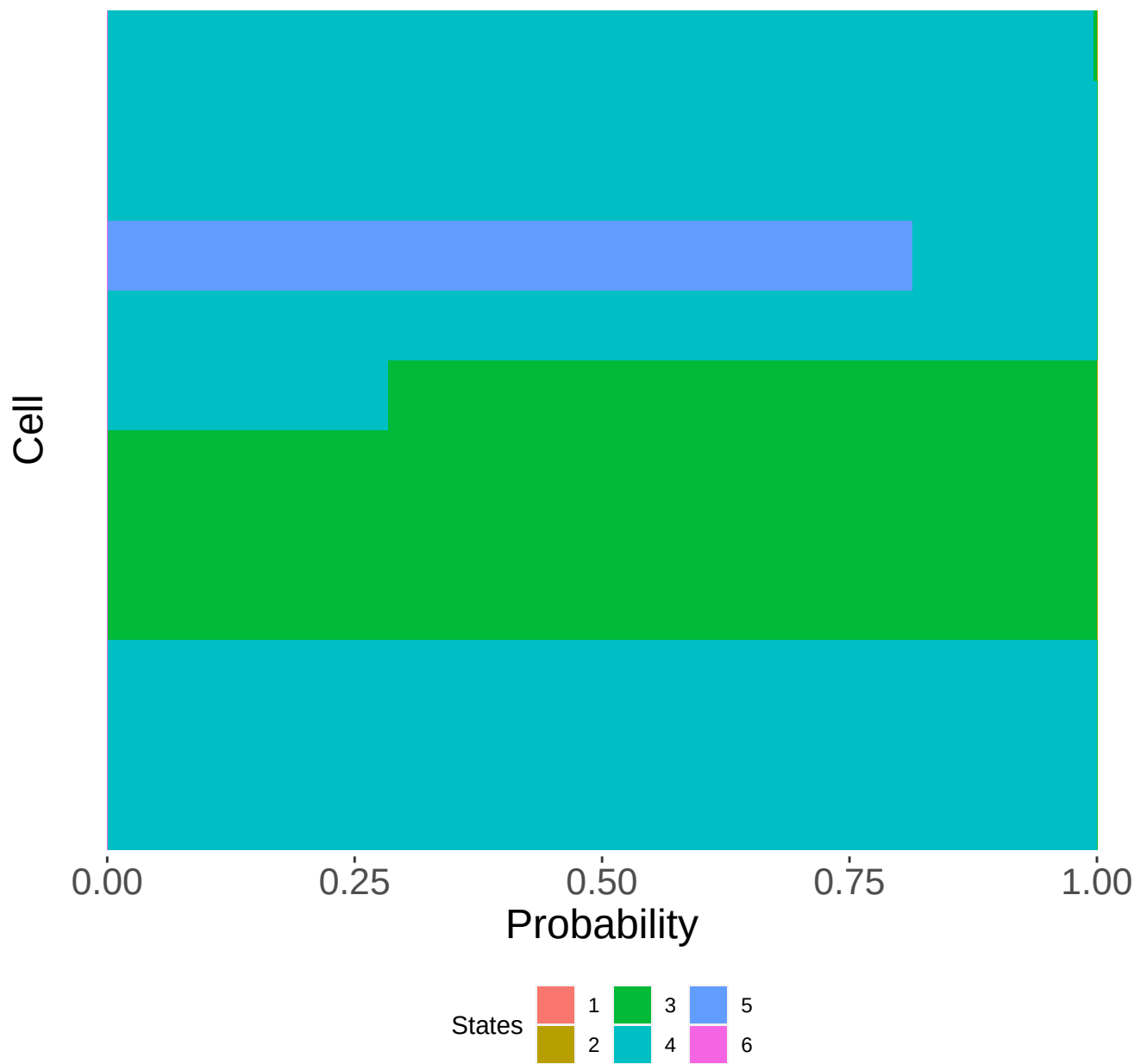
chr12-region_3730



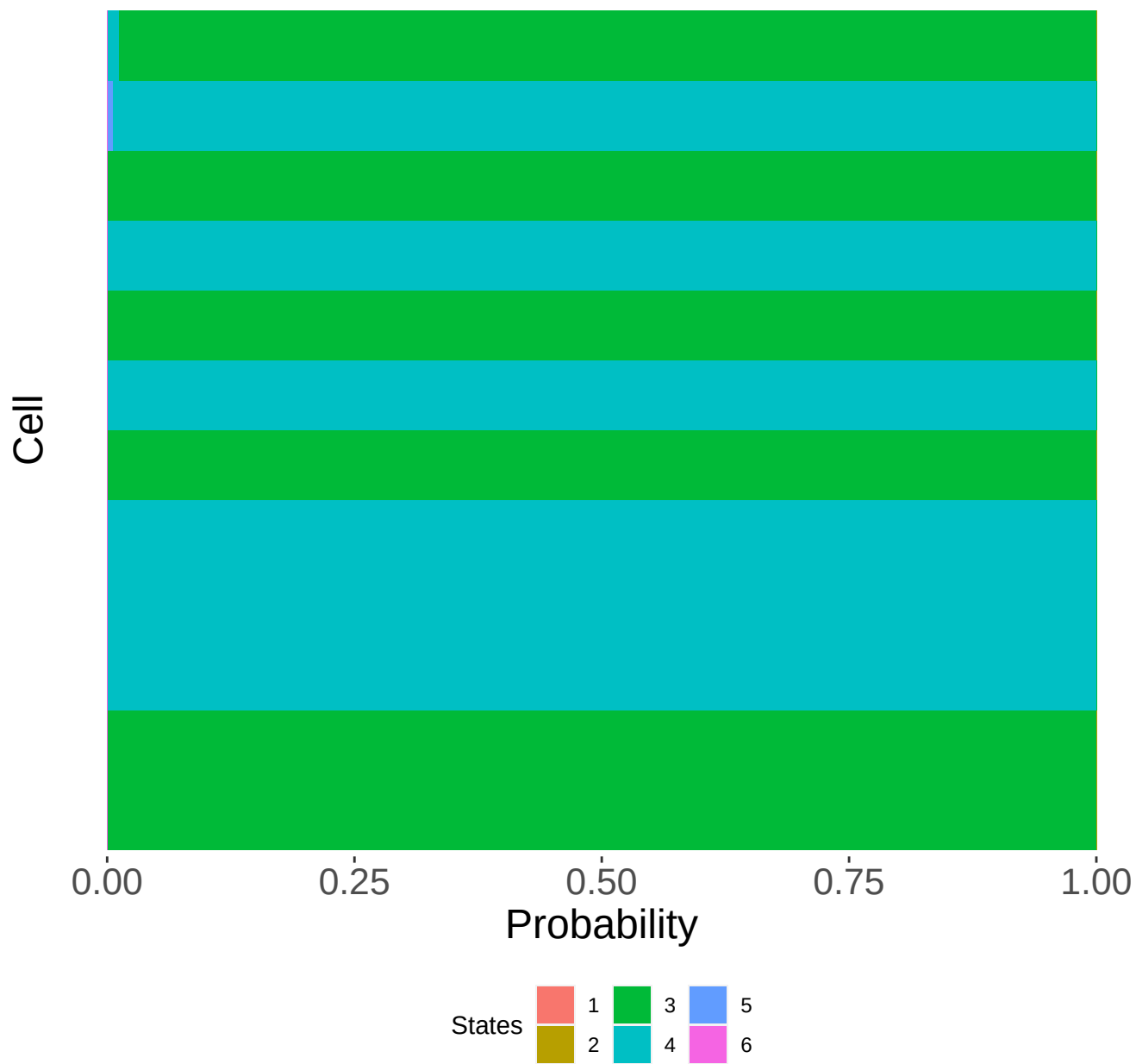
chr18-region_3756



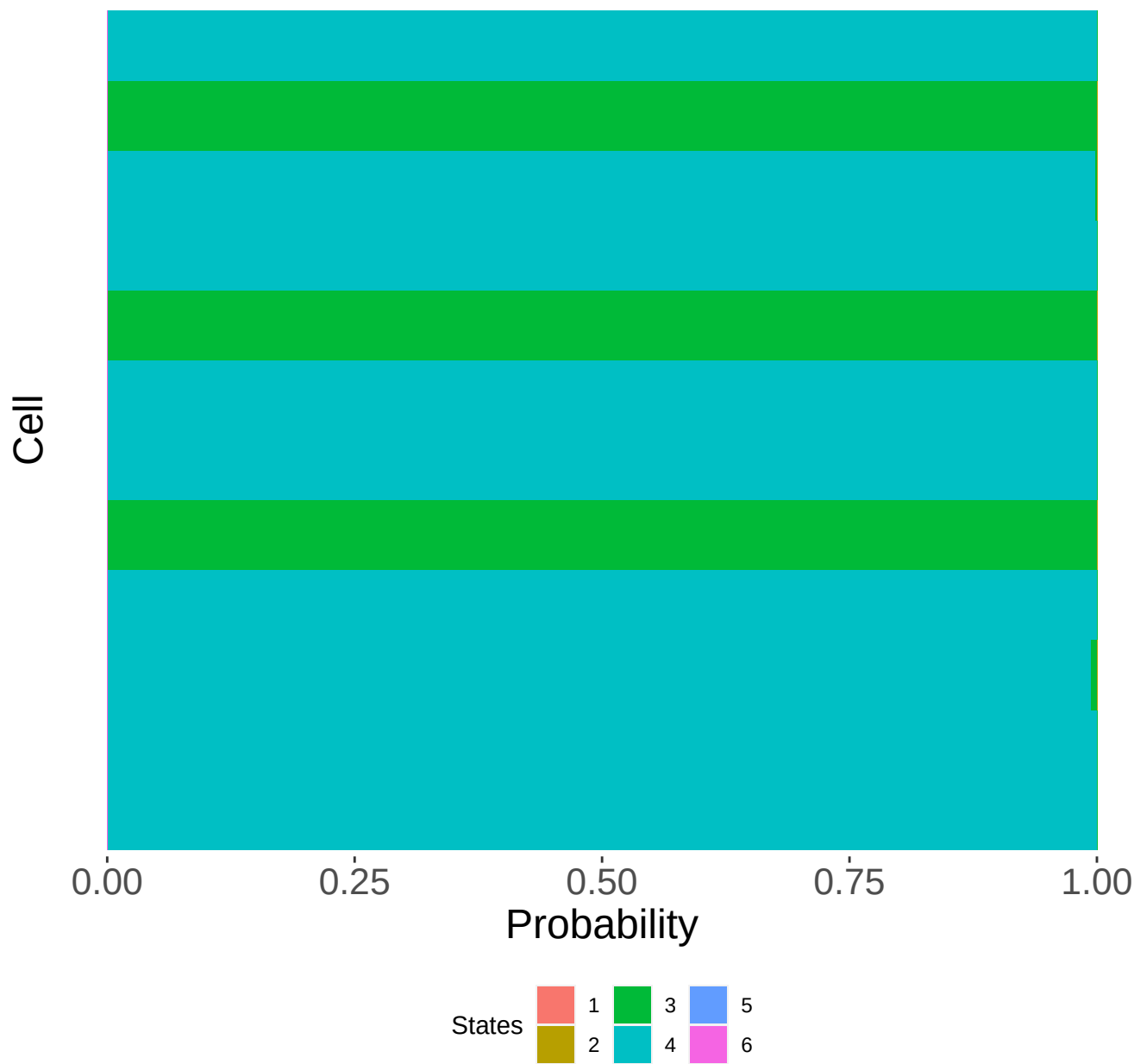
chr4-region_3762



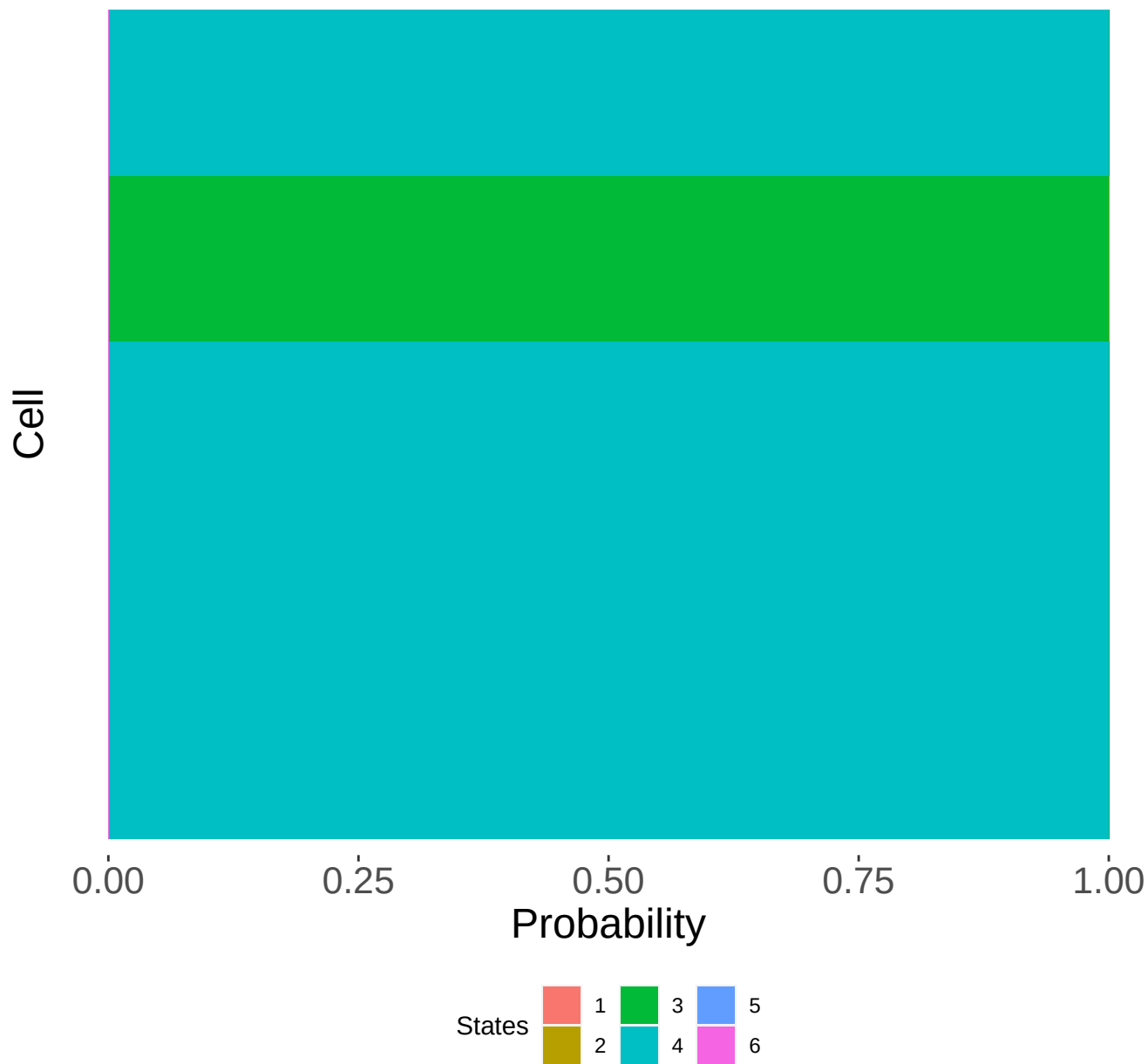
chr5-region_3764



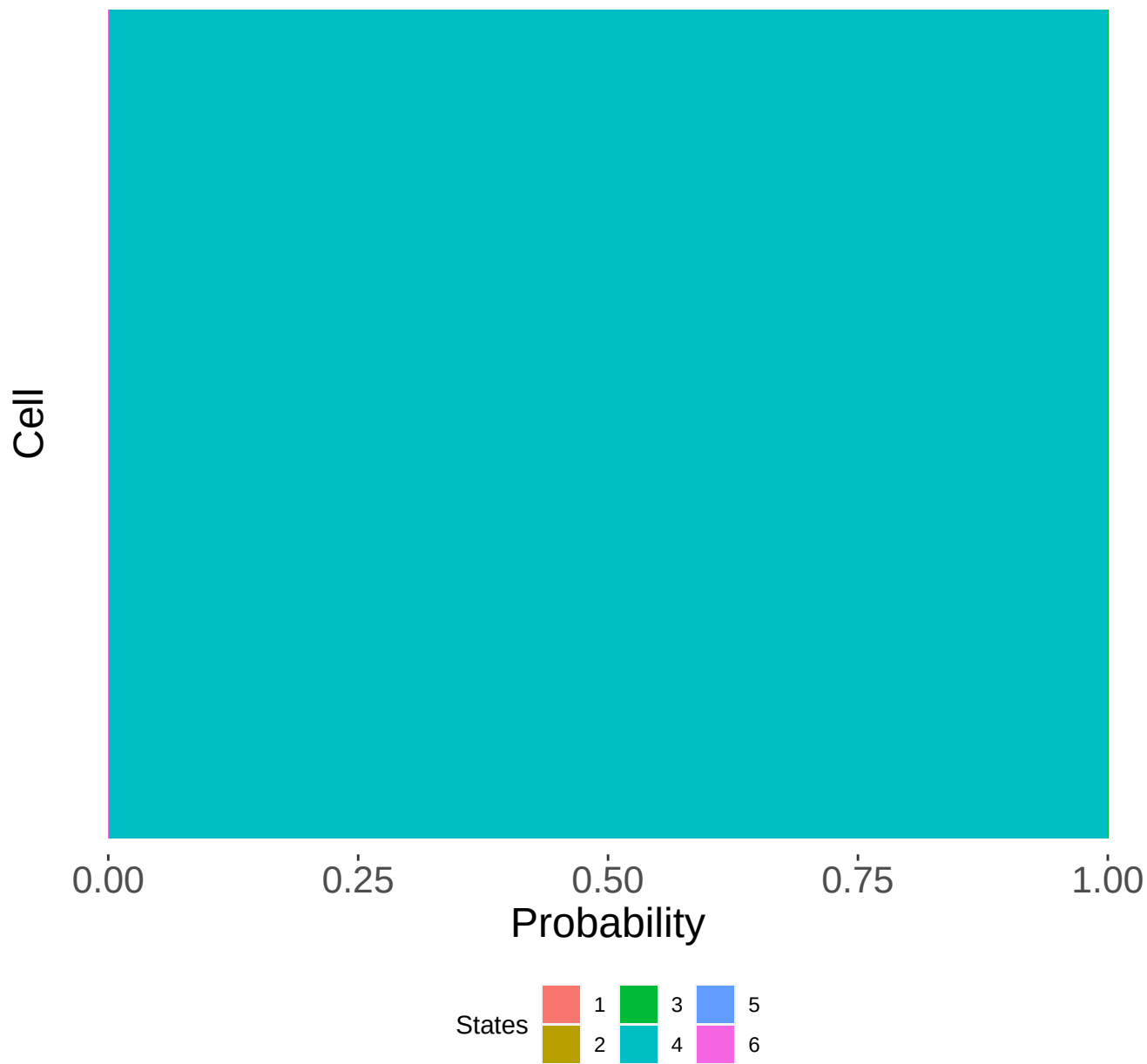
chr15-region_3775



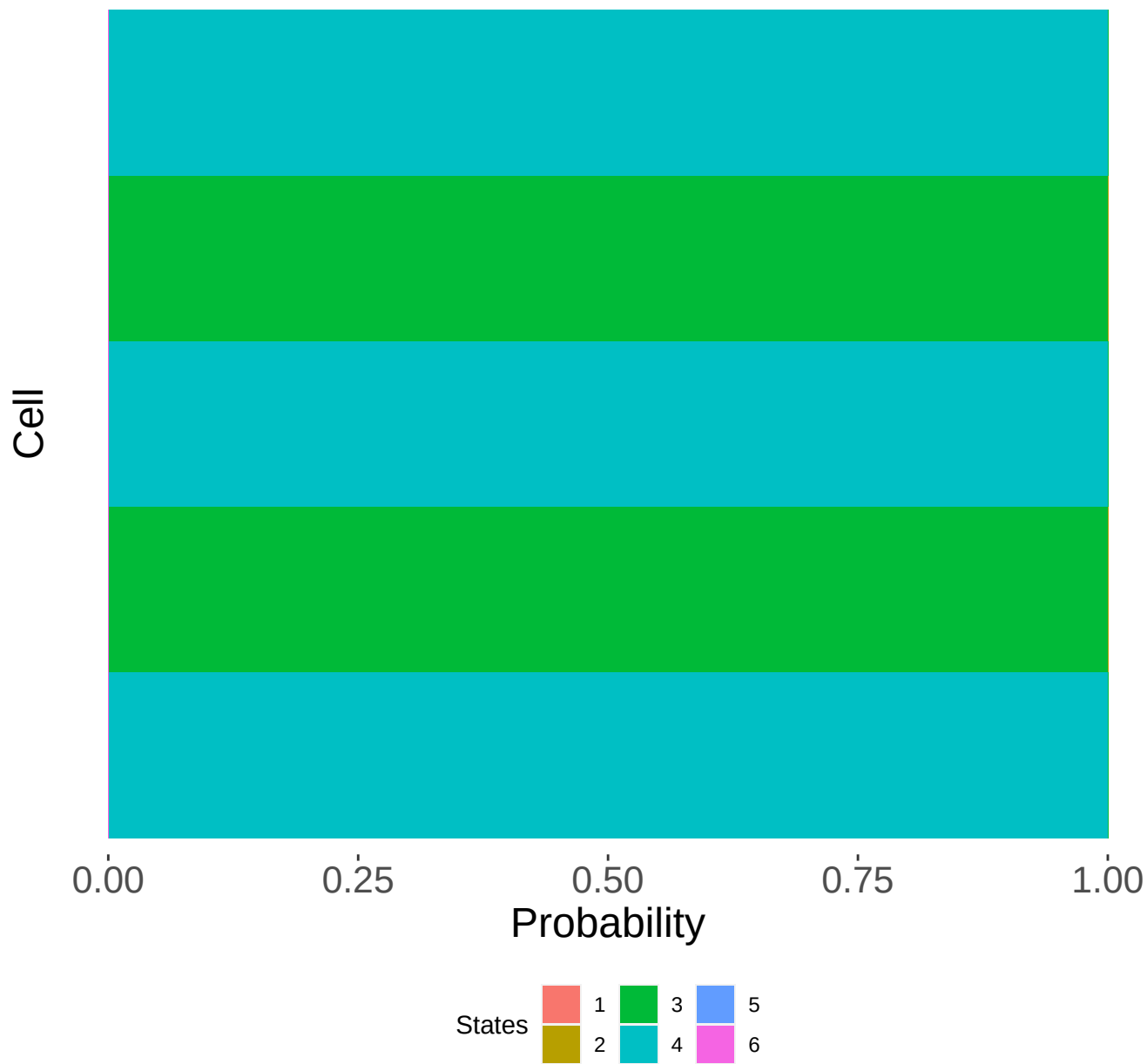
chr2-region_3840



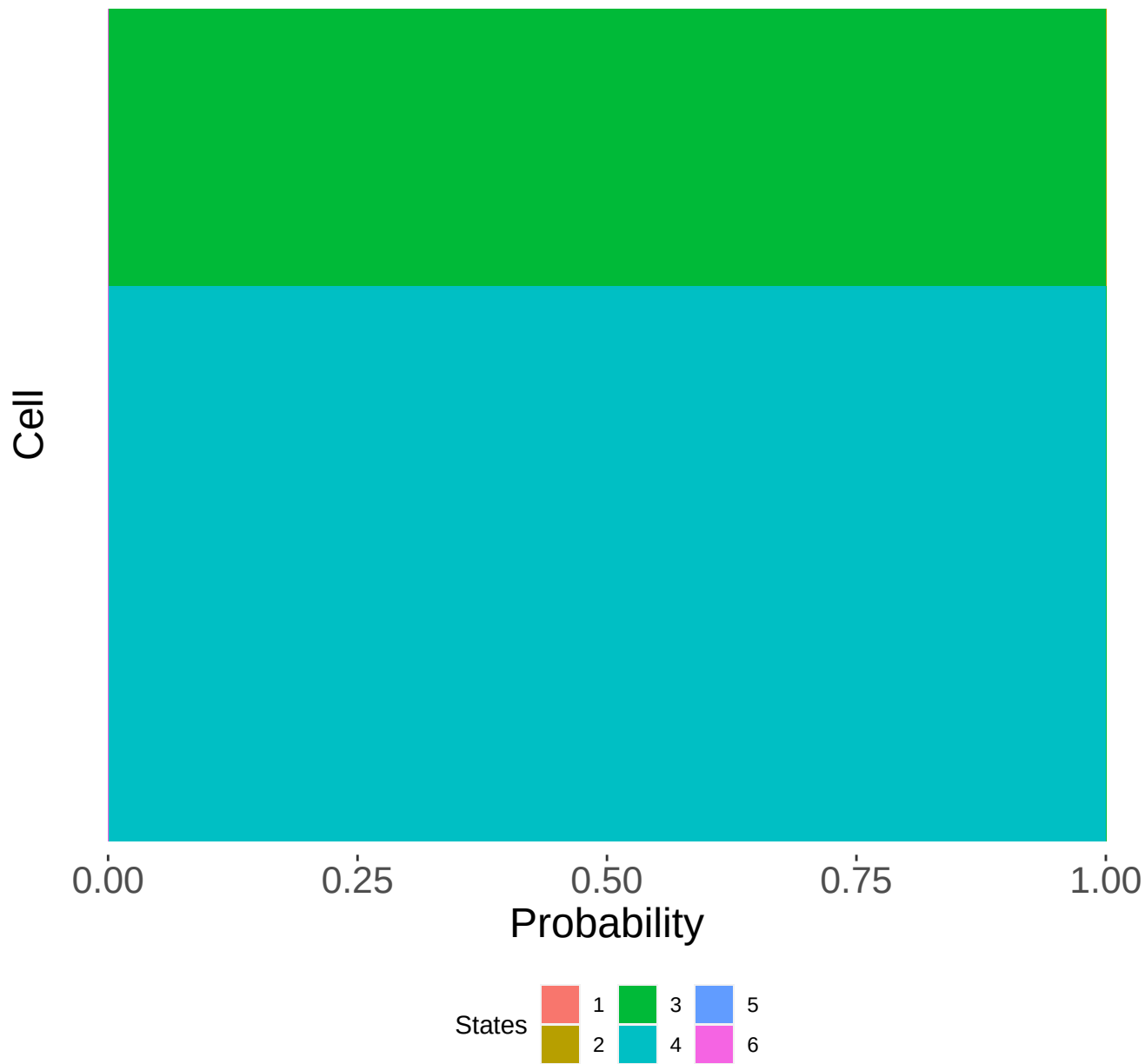
chr5-region_3845



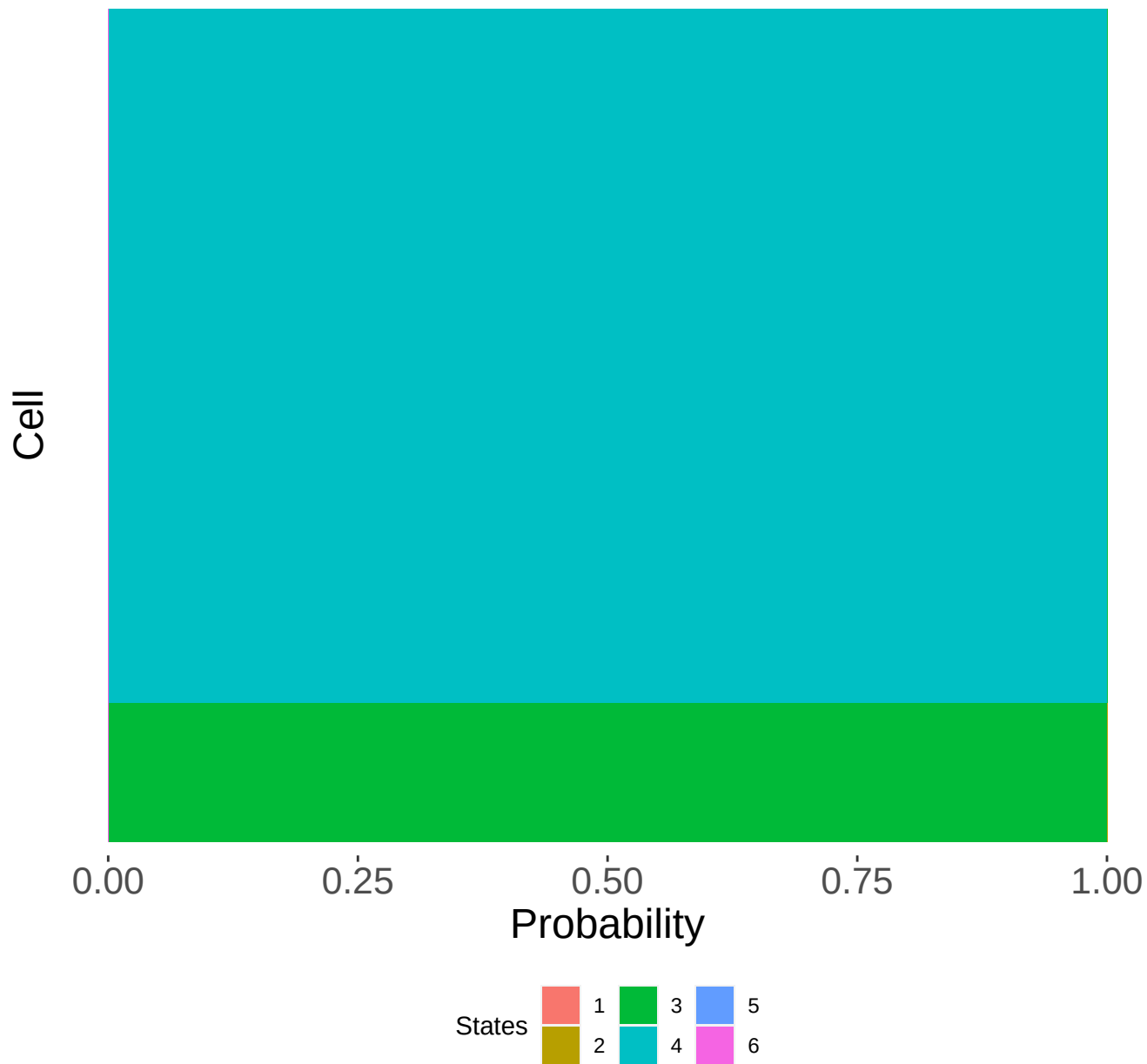
chr17-region_3859



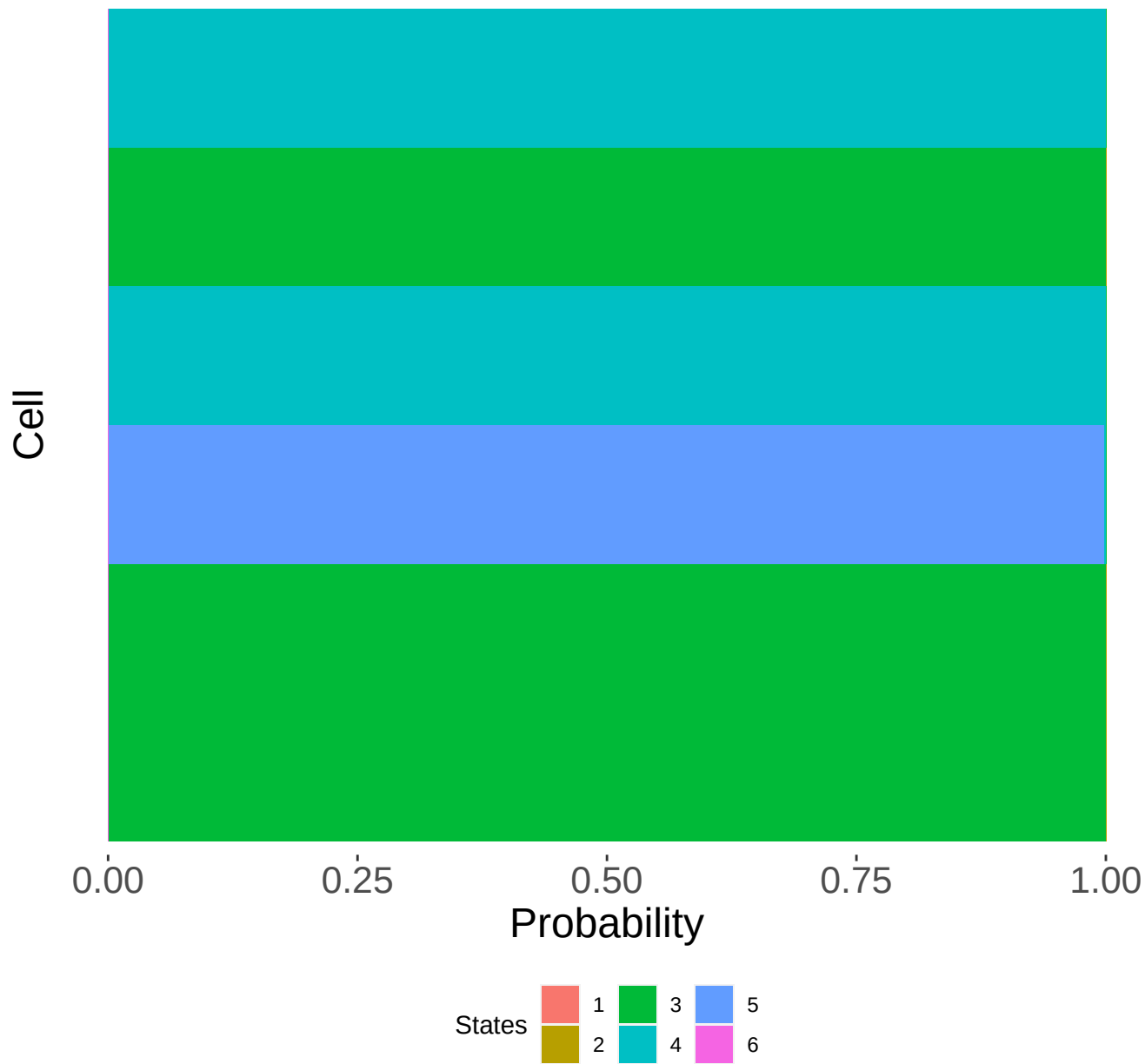
chr4-region_3867



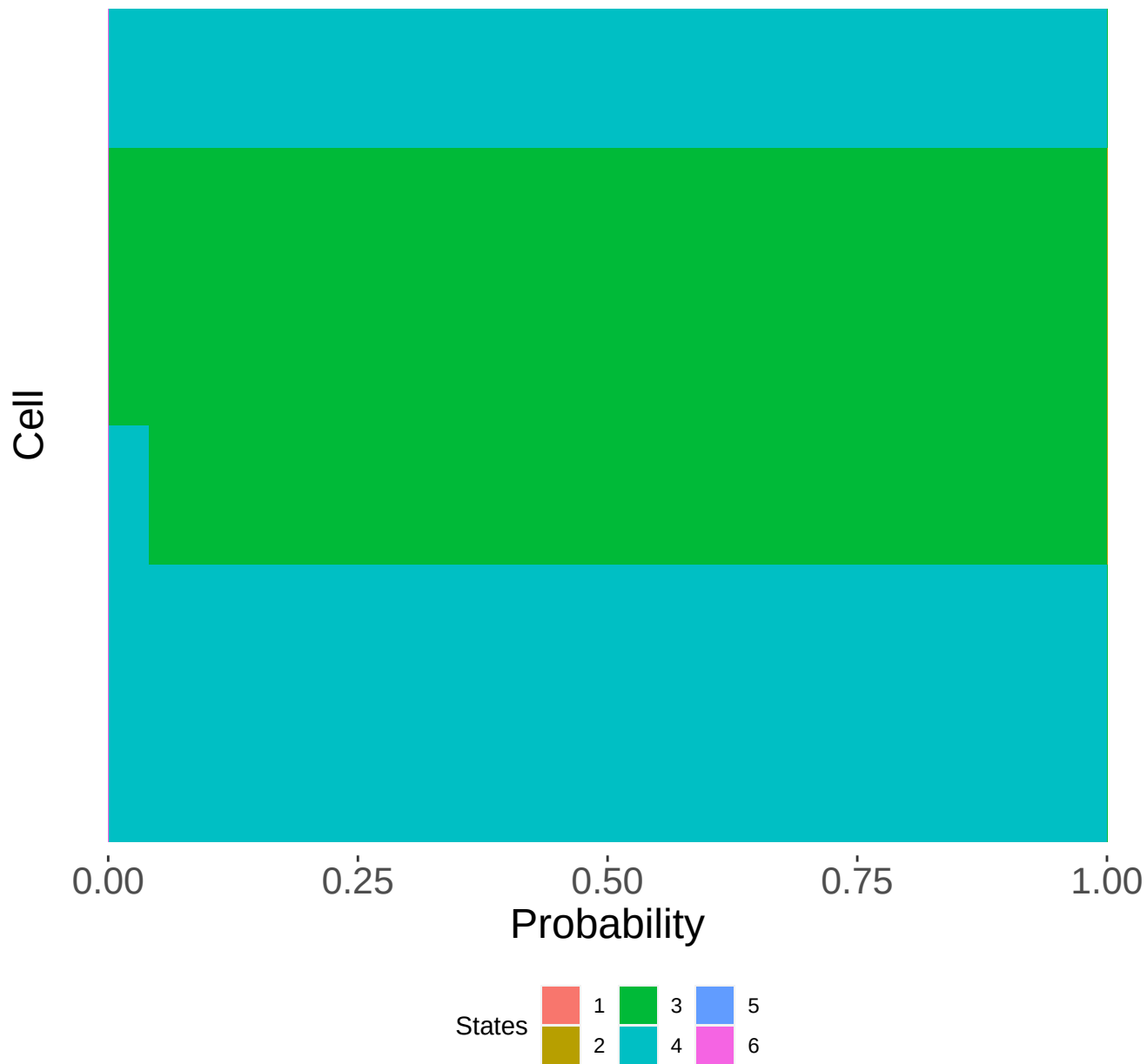
chr5-region_3870



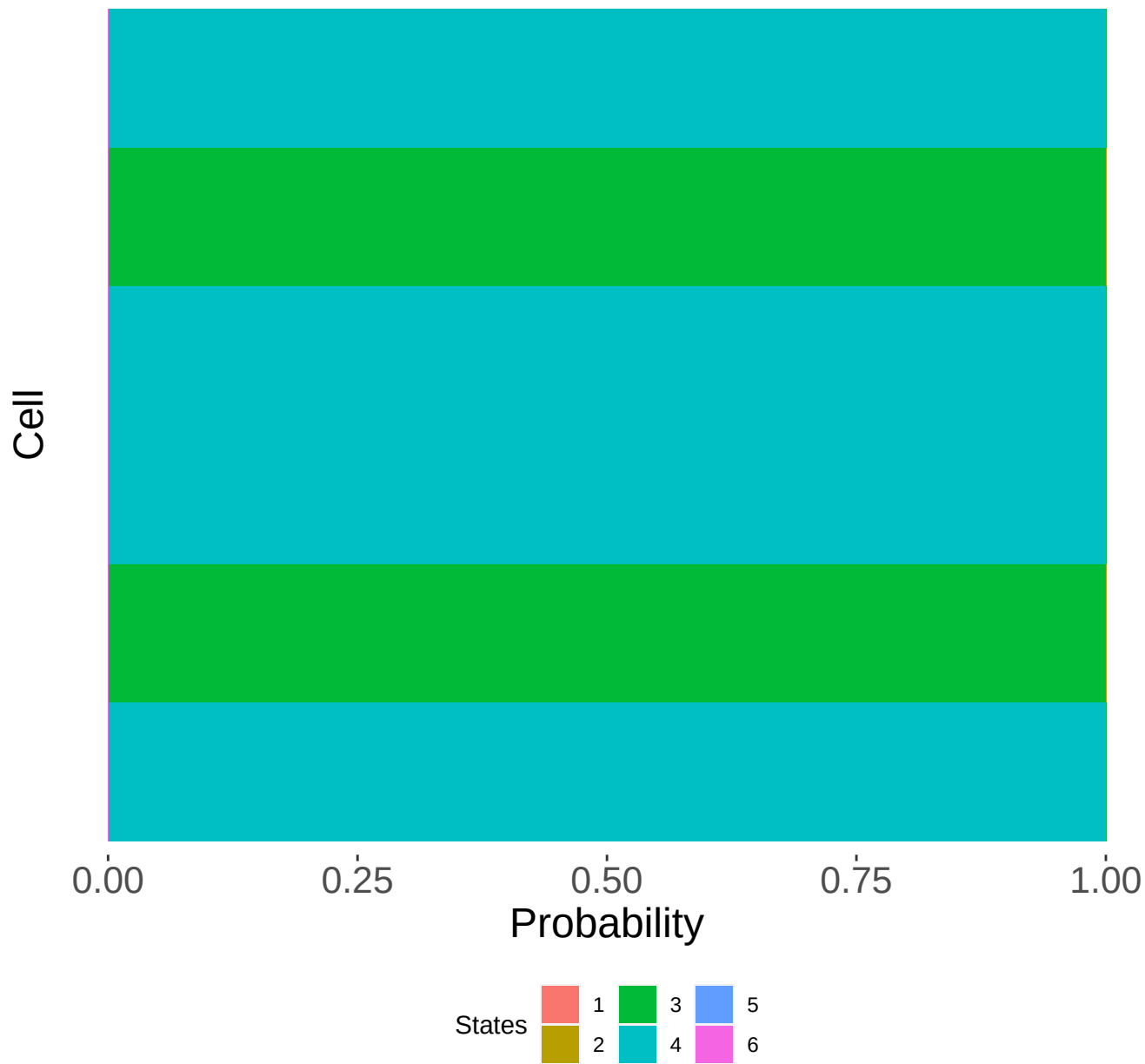
chr8-region_3874



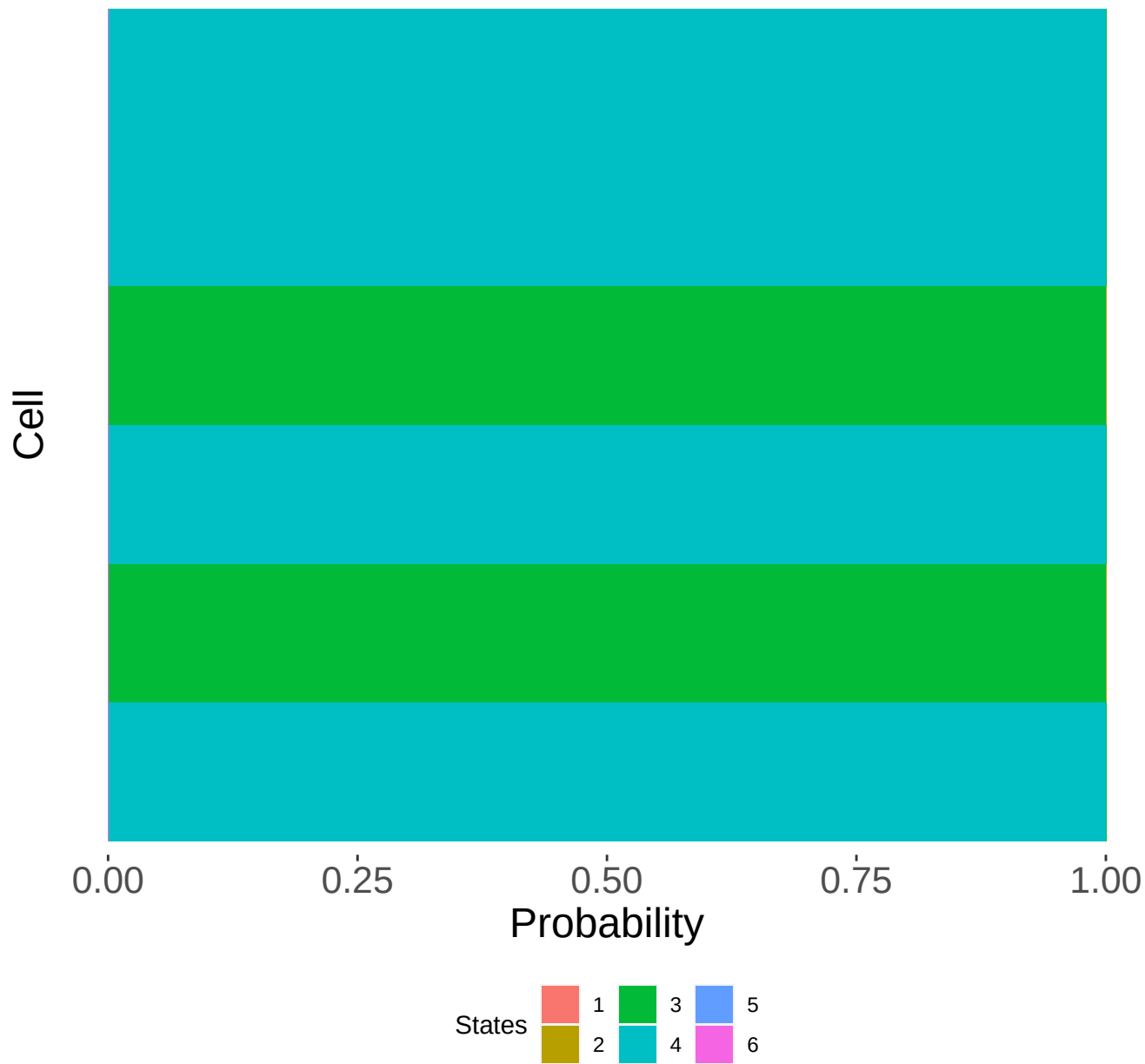
chr8-region_3876



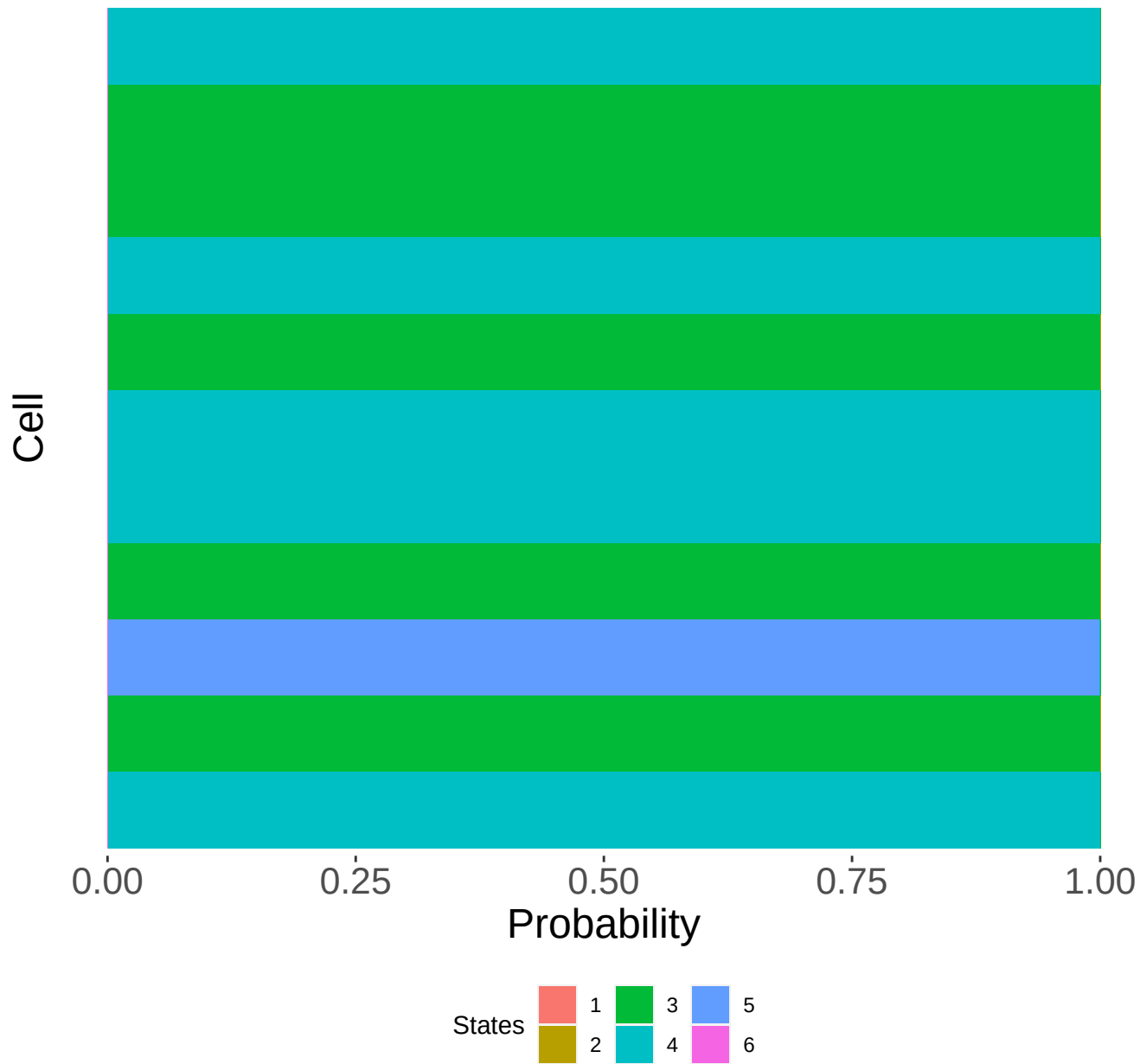
chr16-region_3886



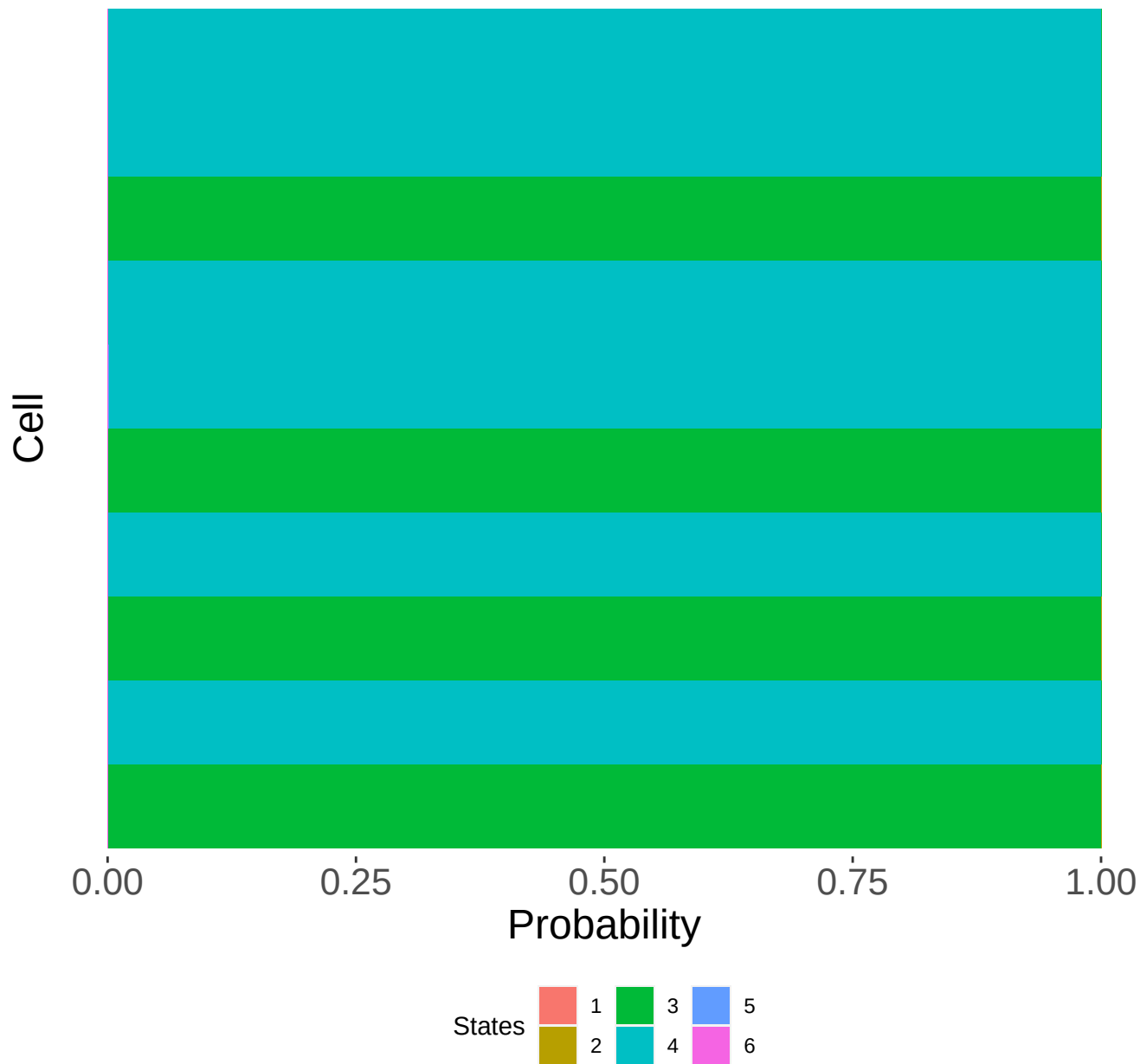
chr19-region_3891



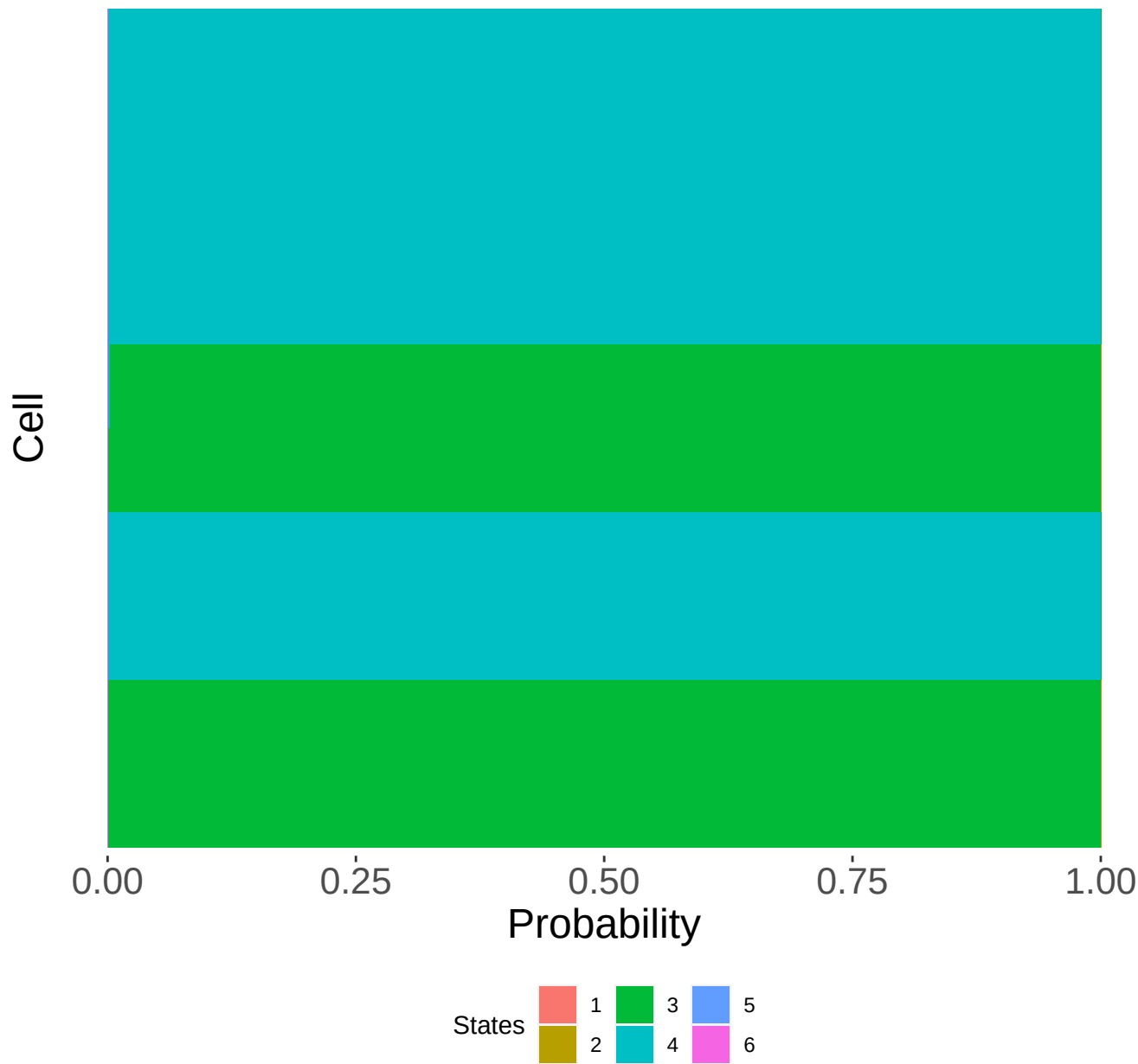
chr7-region_3899



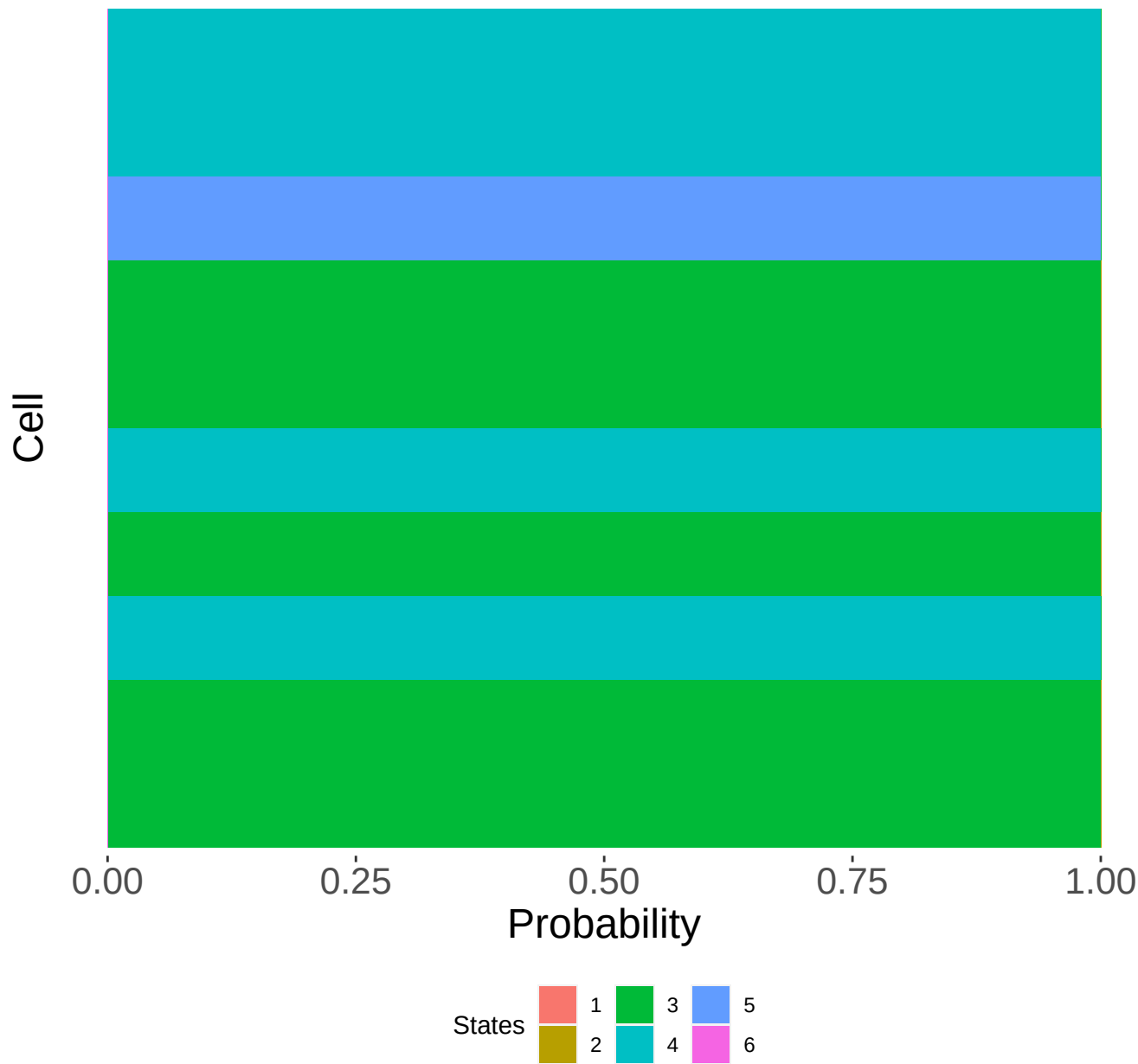
chr4-region_3955



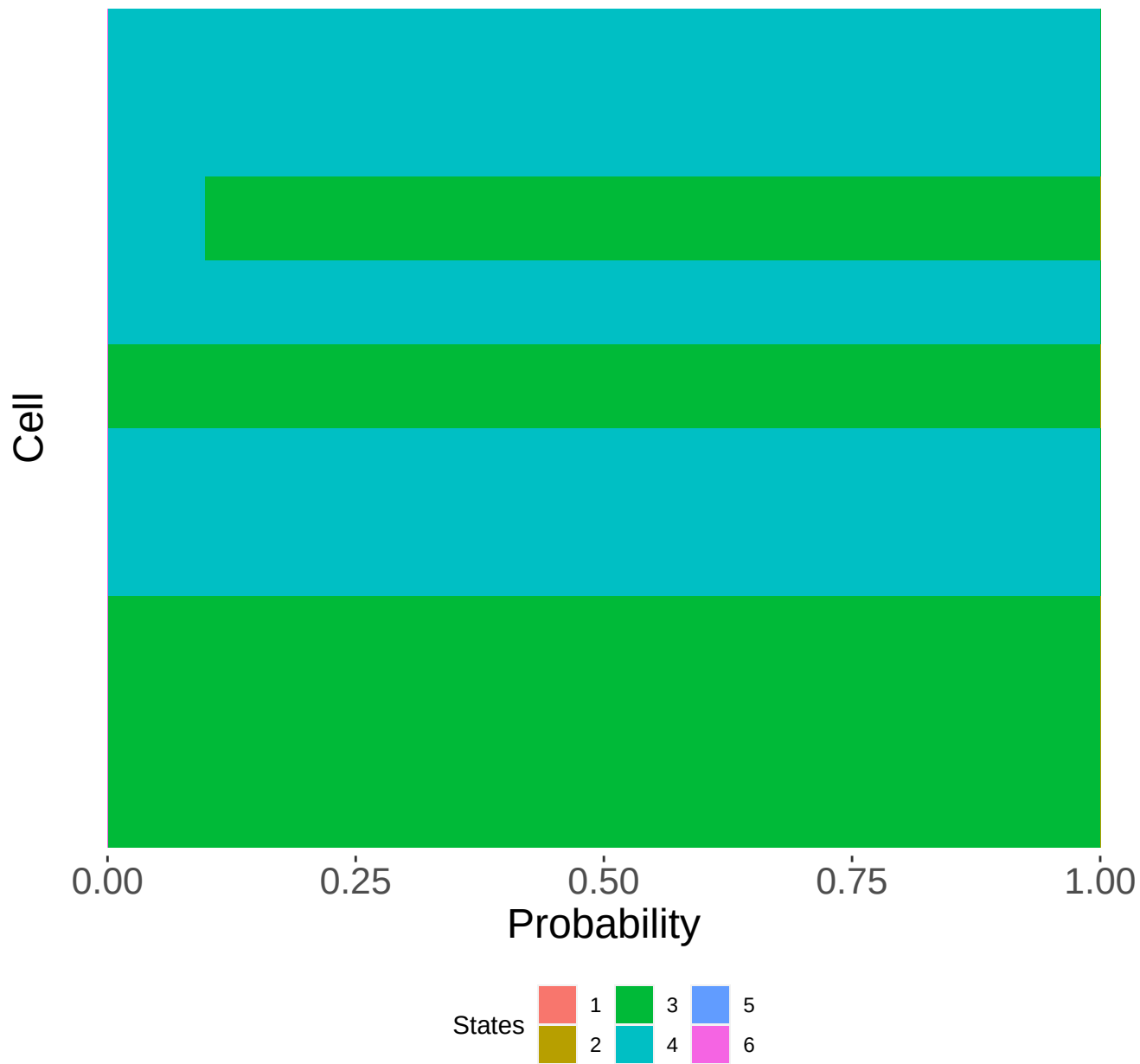
chr11-region_3964



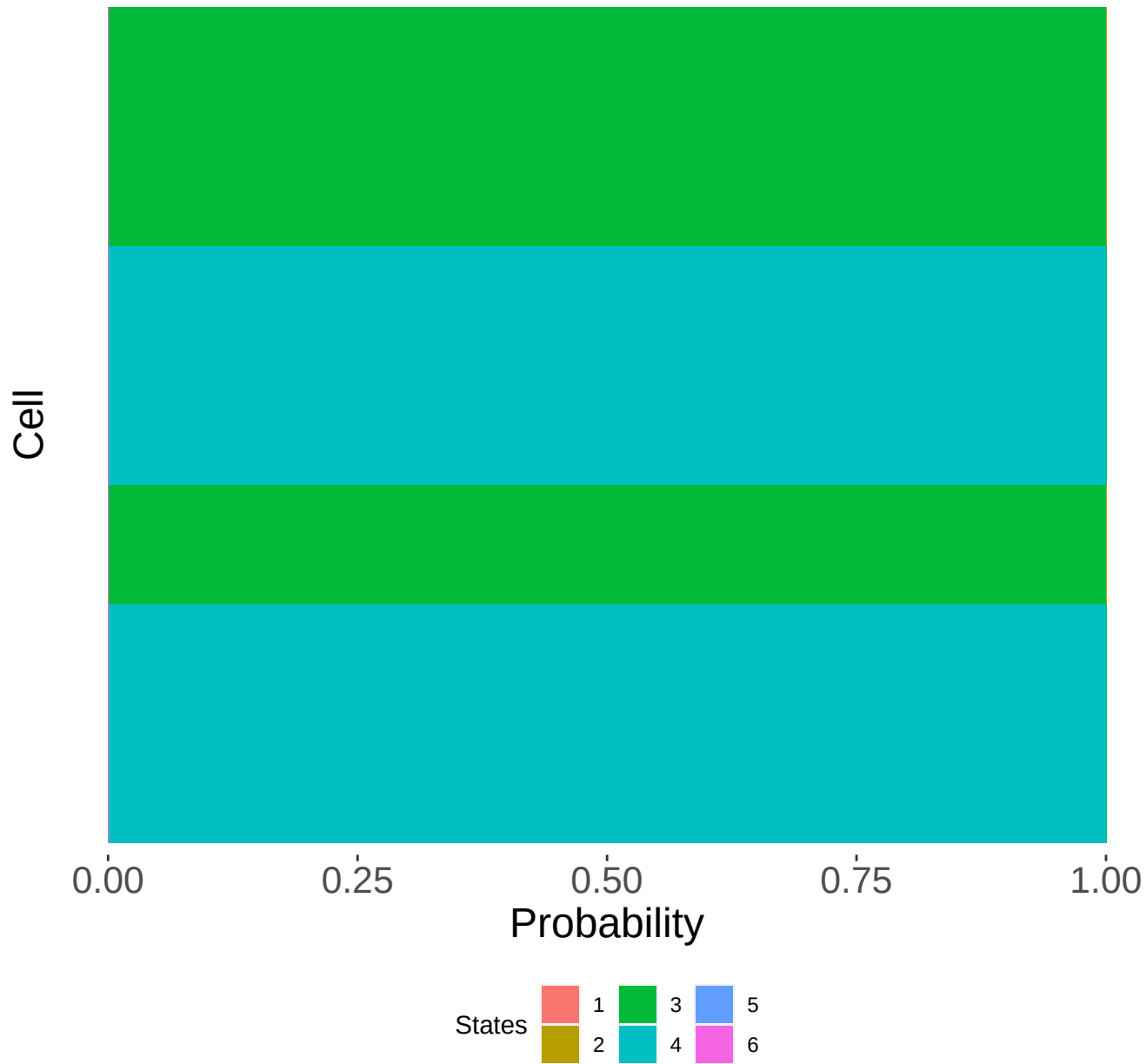
chr10-region_3984



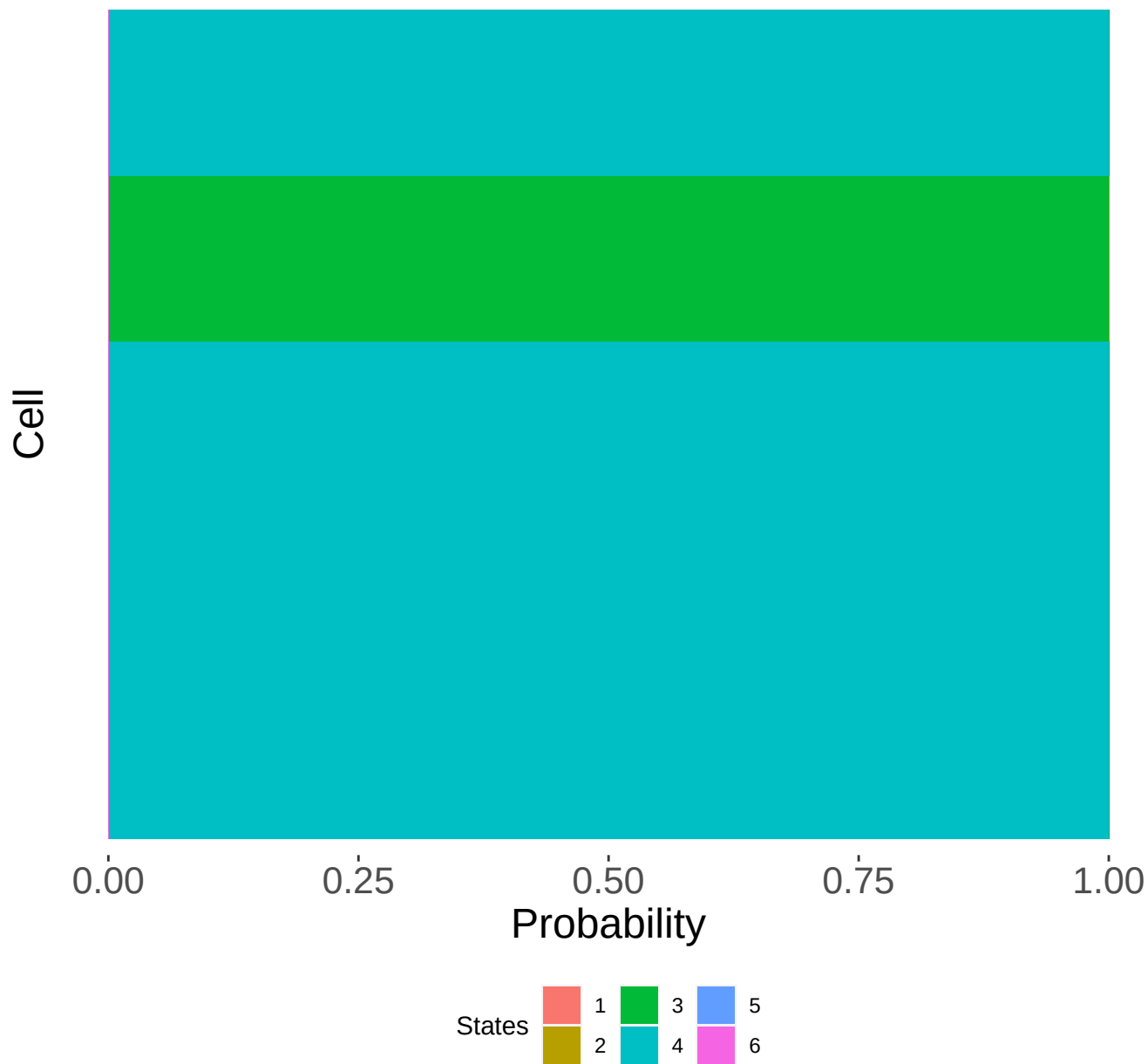
chr10-region_3986



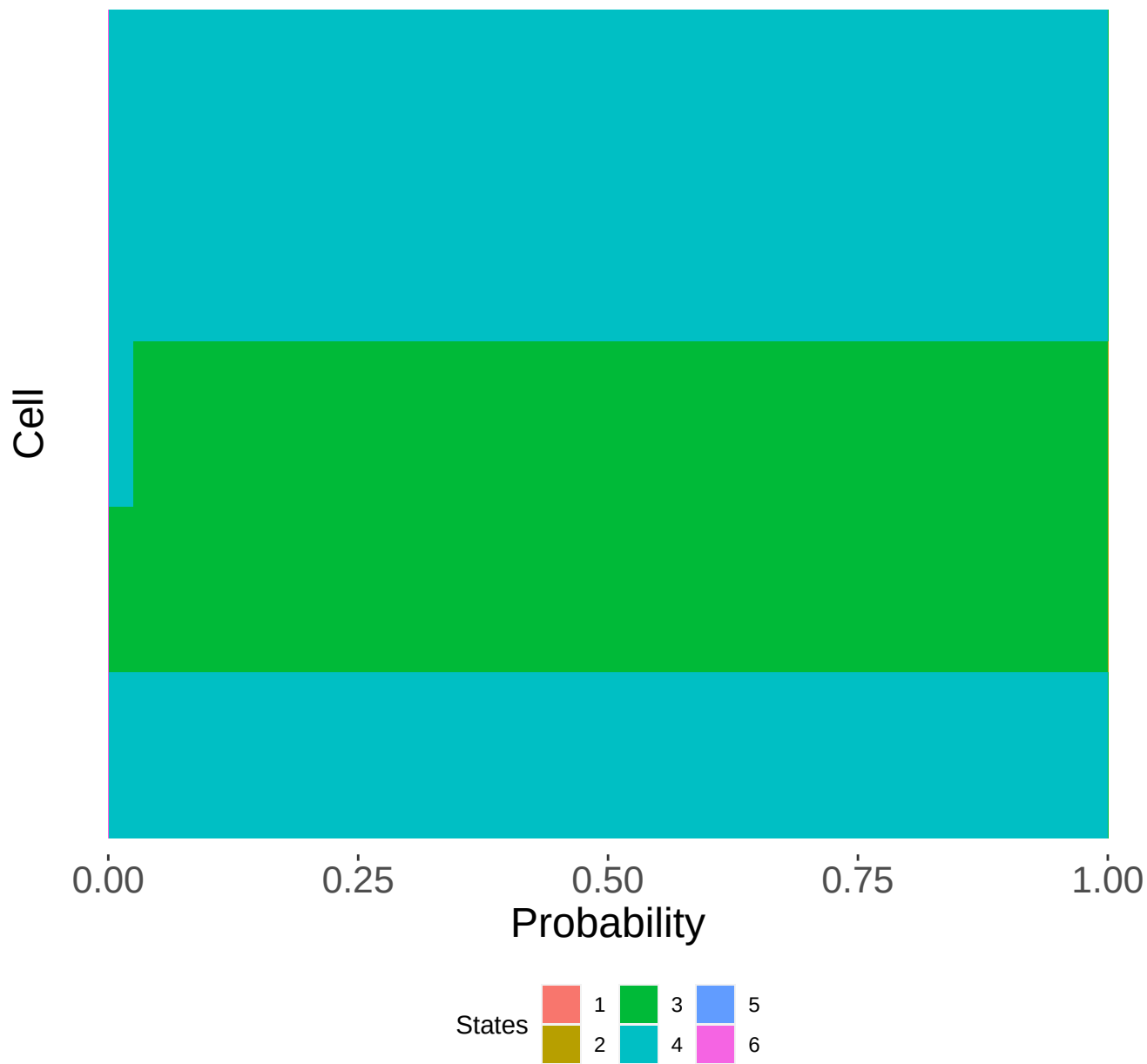
chr4-region_4038



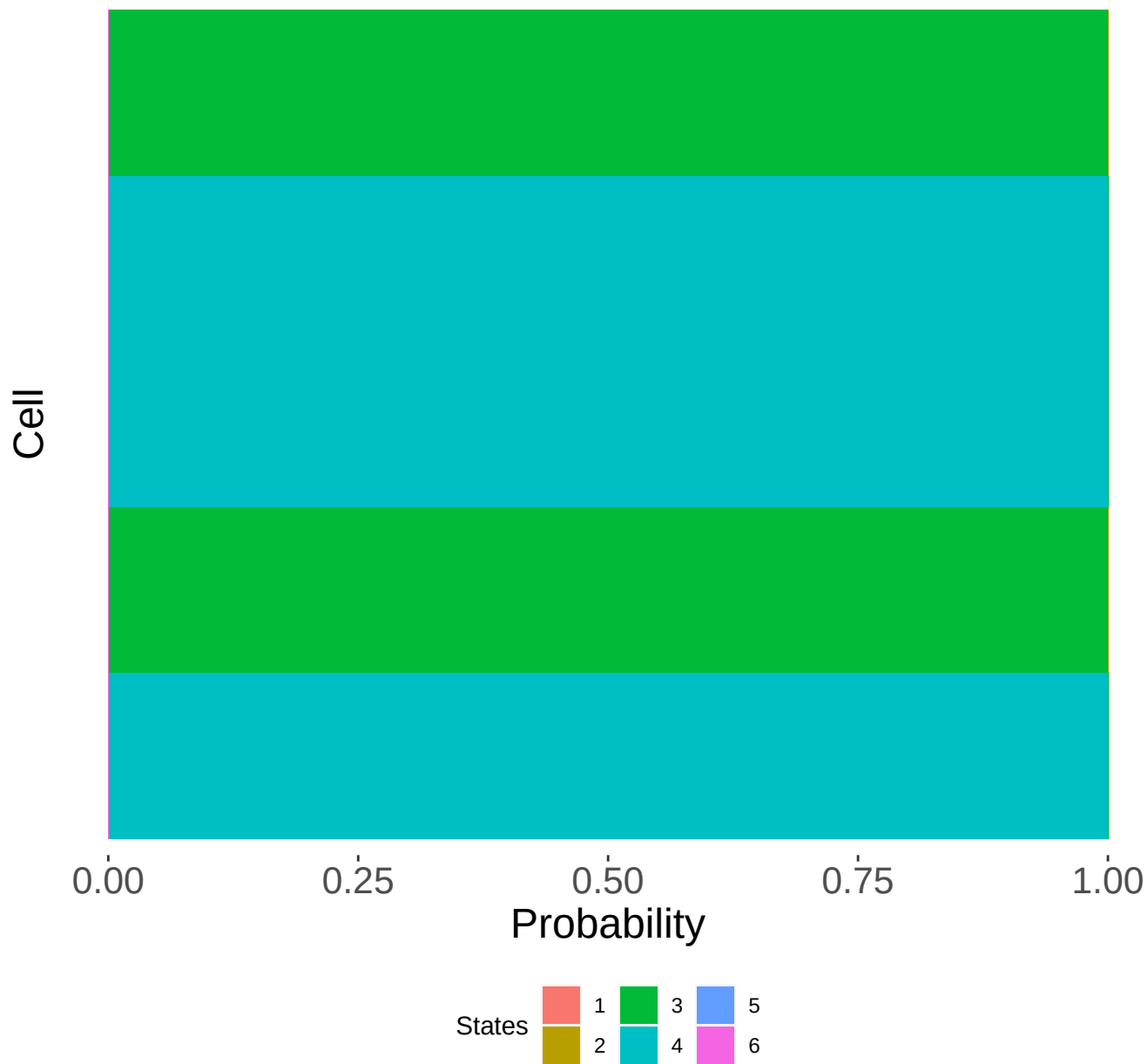
chr4-region_4059



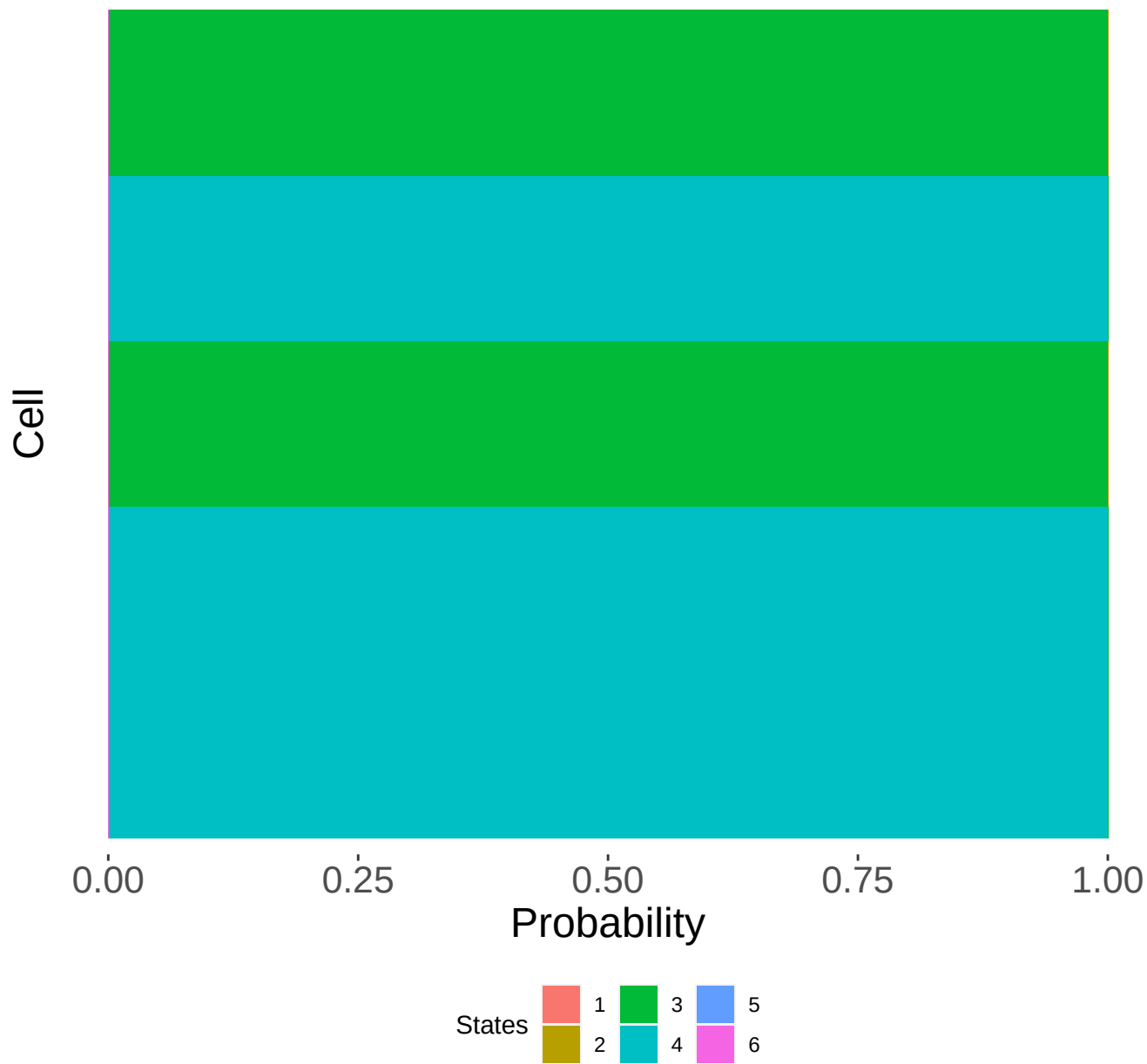
chr18-region_4074



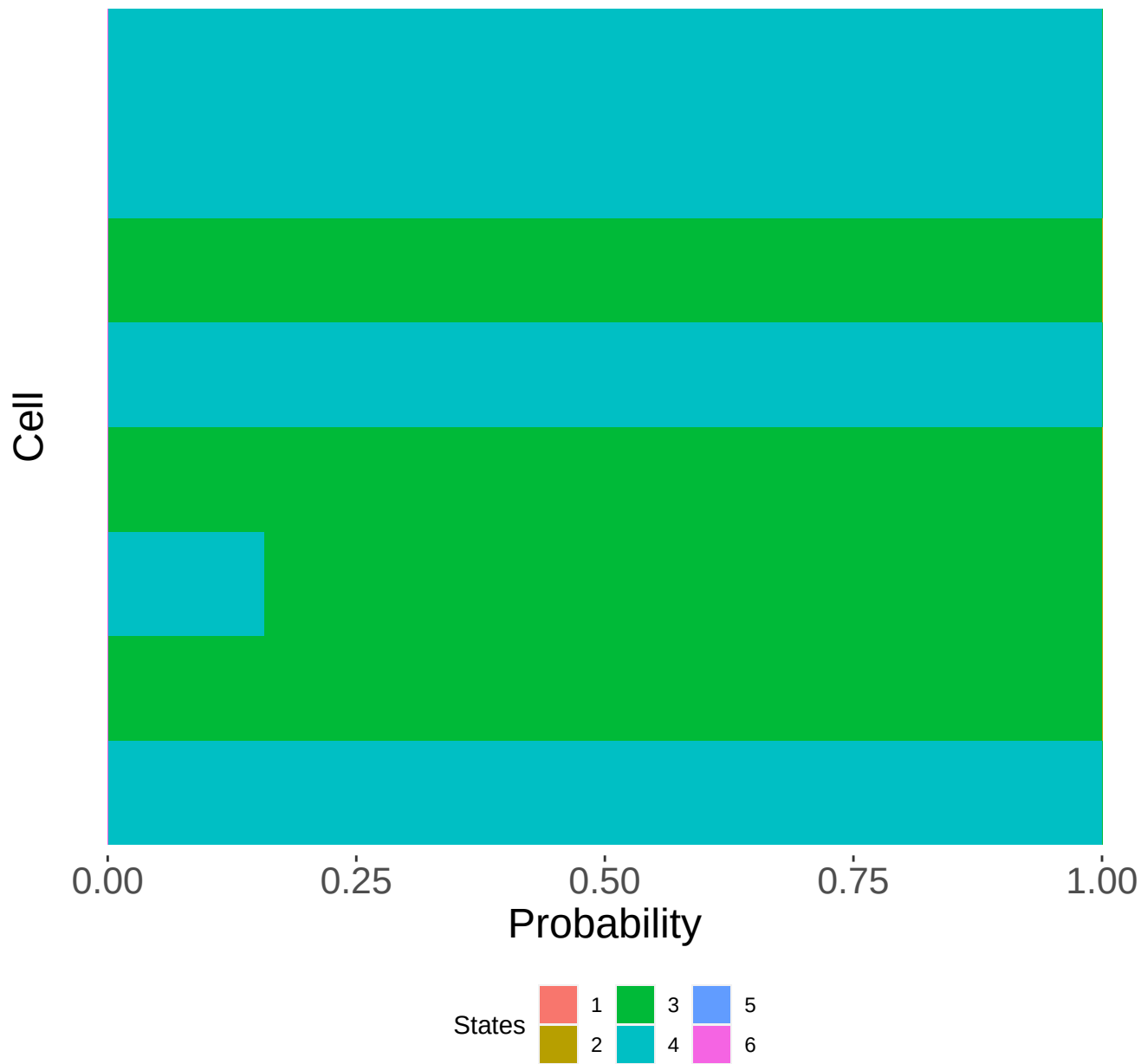
chr2-region_4079



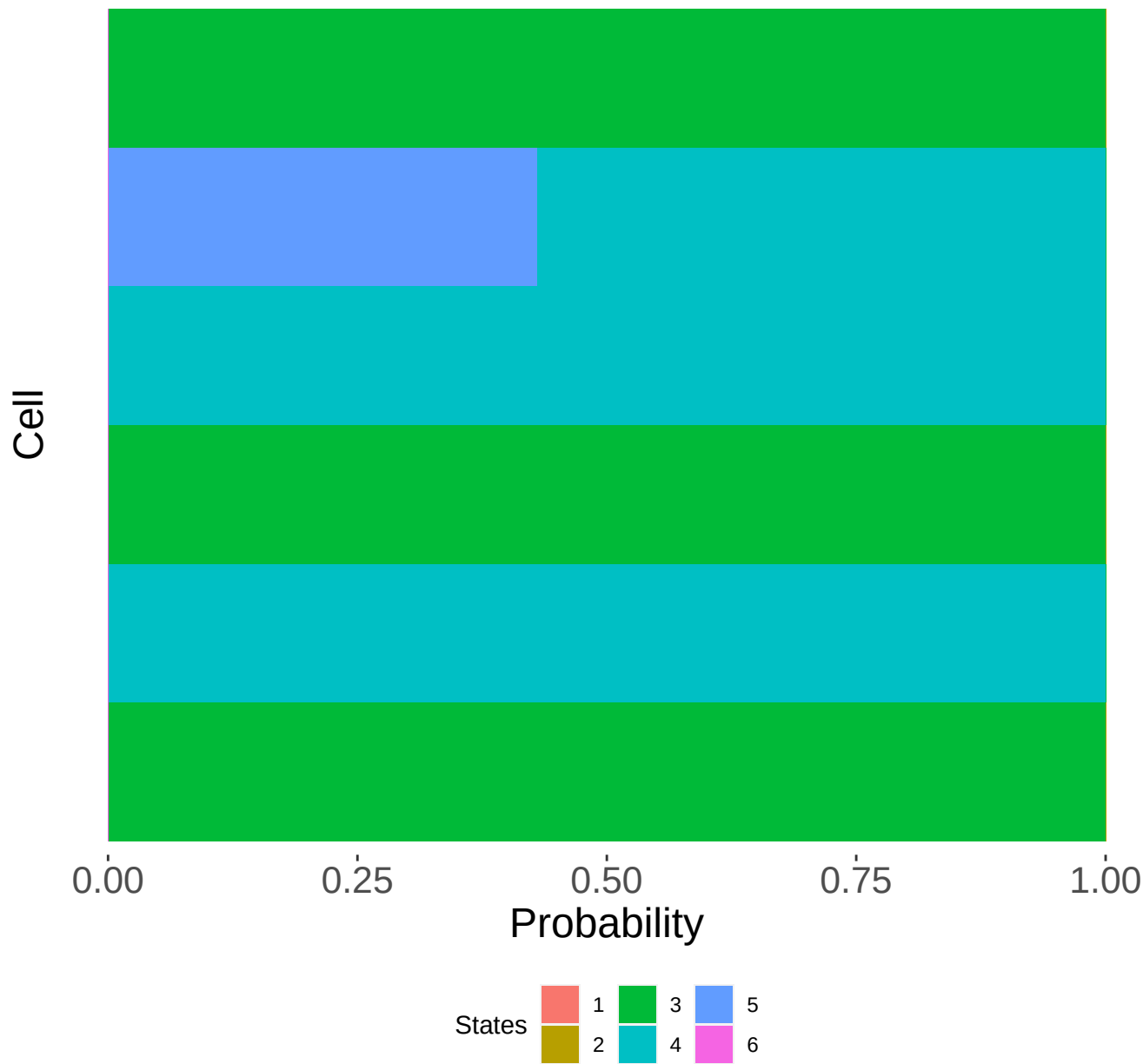
chr6-region_4085



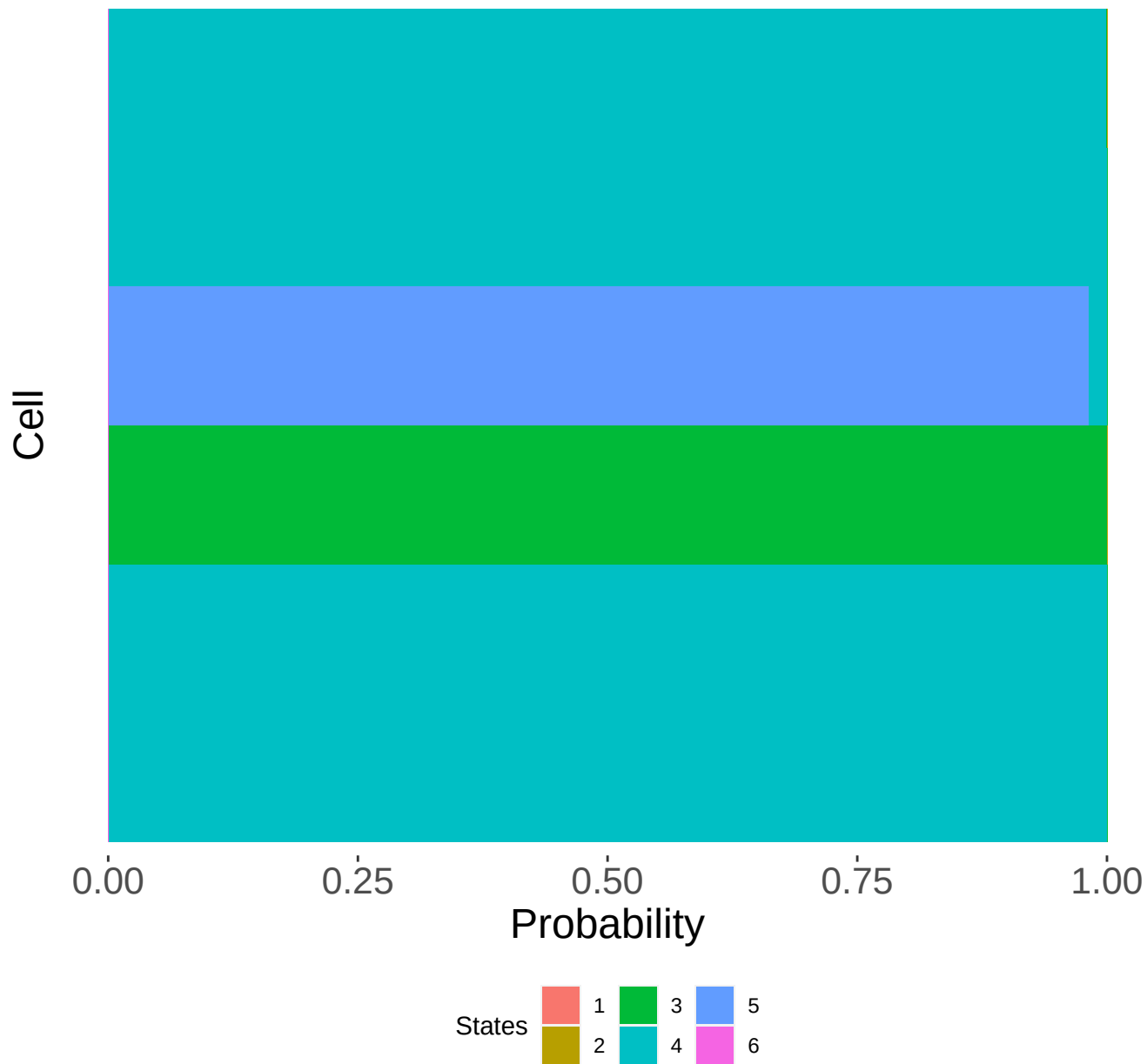
chr7-region_4107



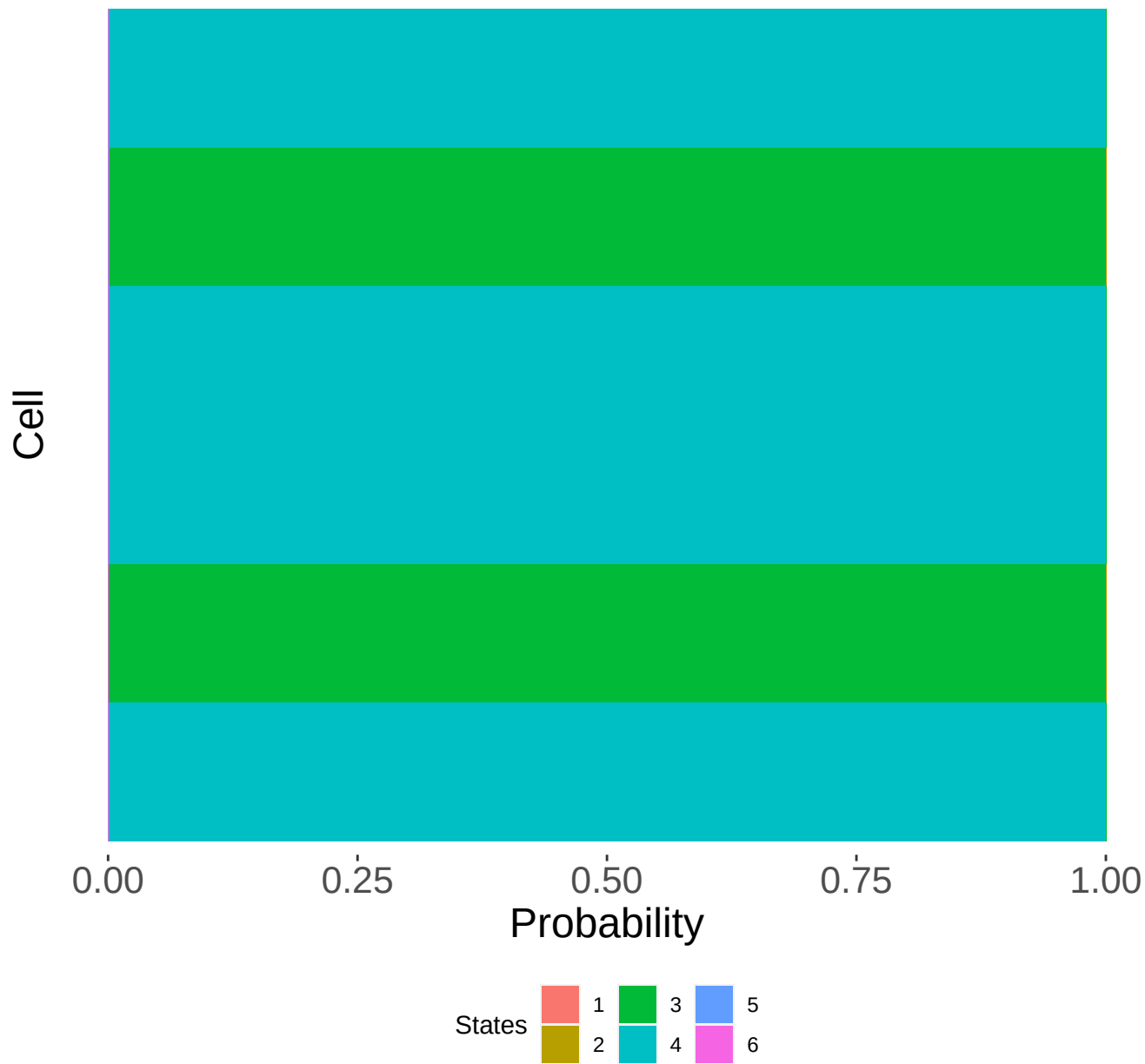
chr7-region_4128



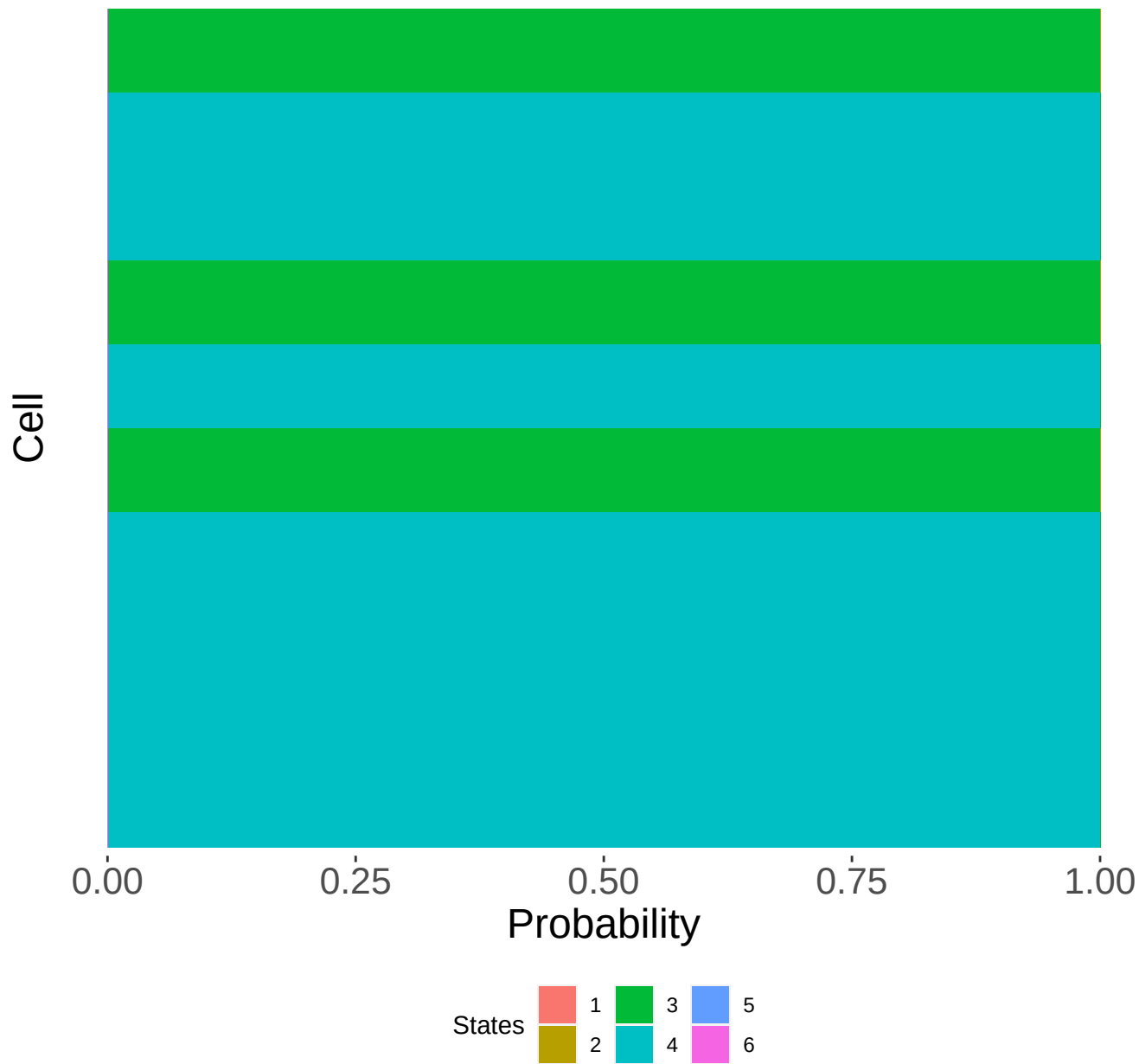
chr11-region_4134



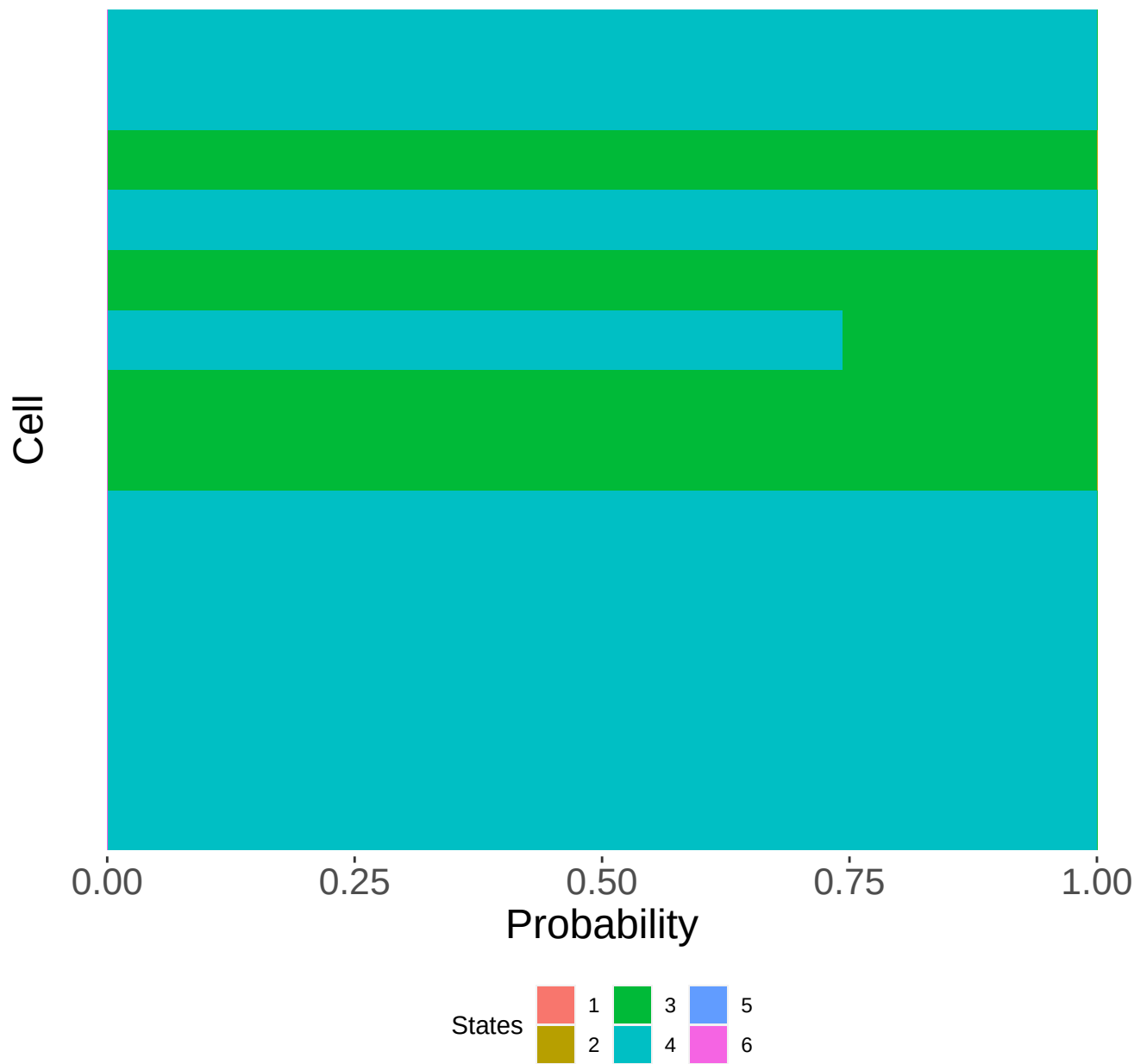
chr17-region_4141



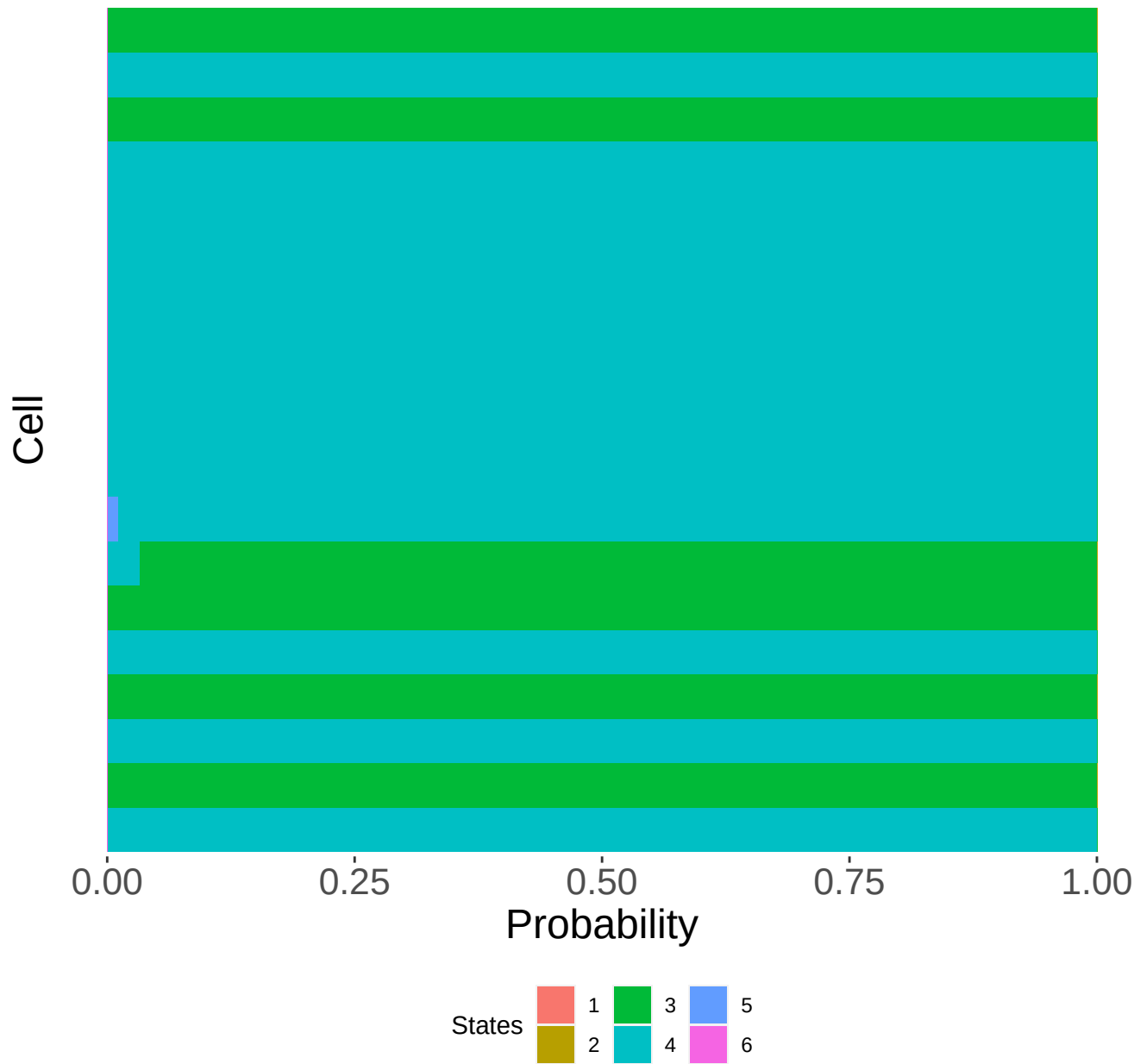
chr19-region_4164



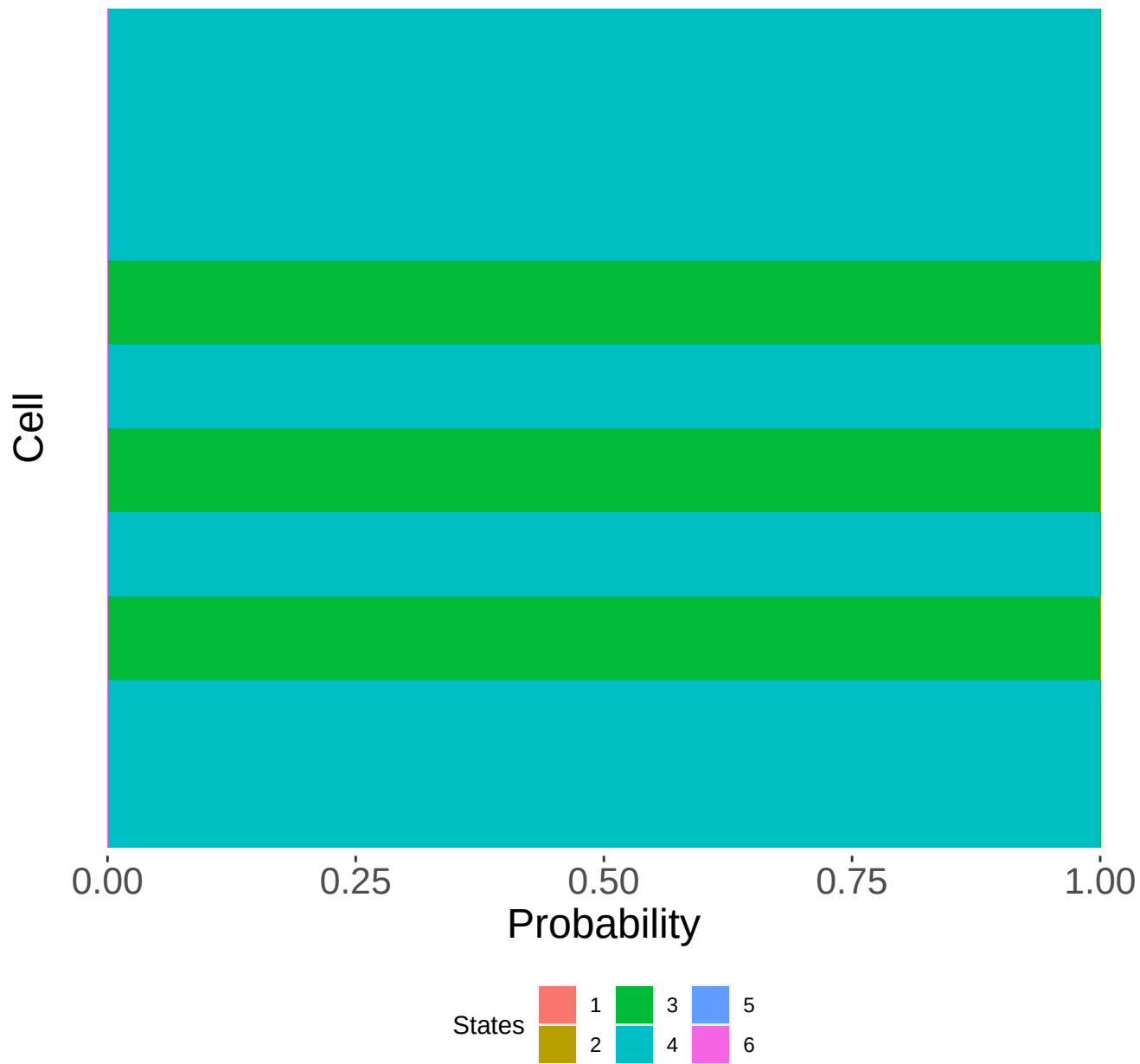
chr17-region_4183



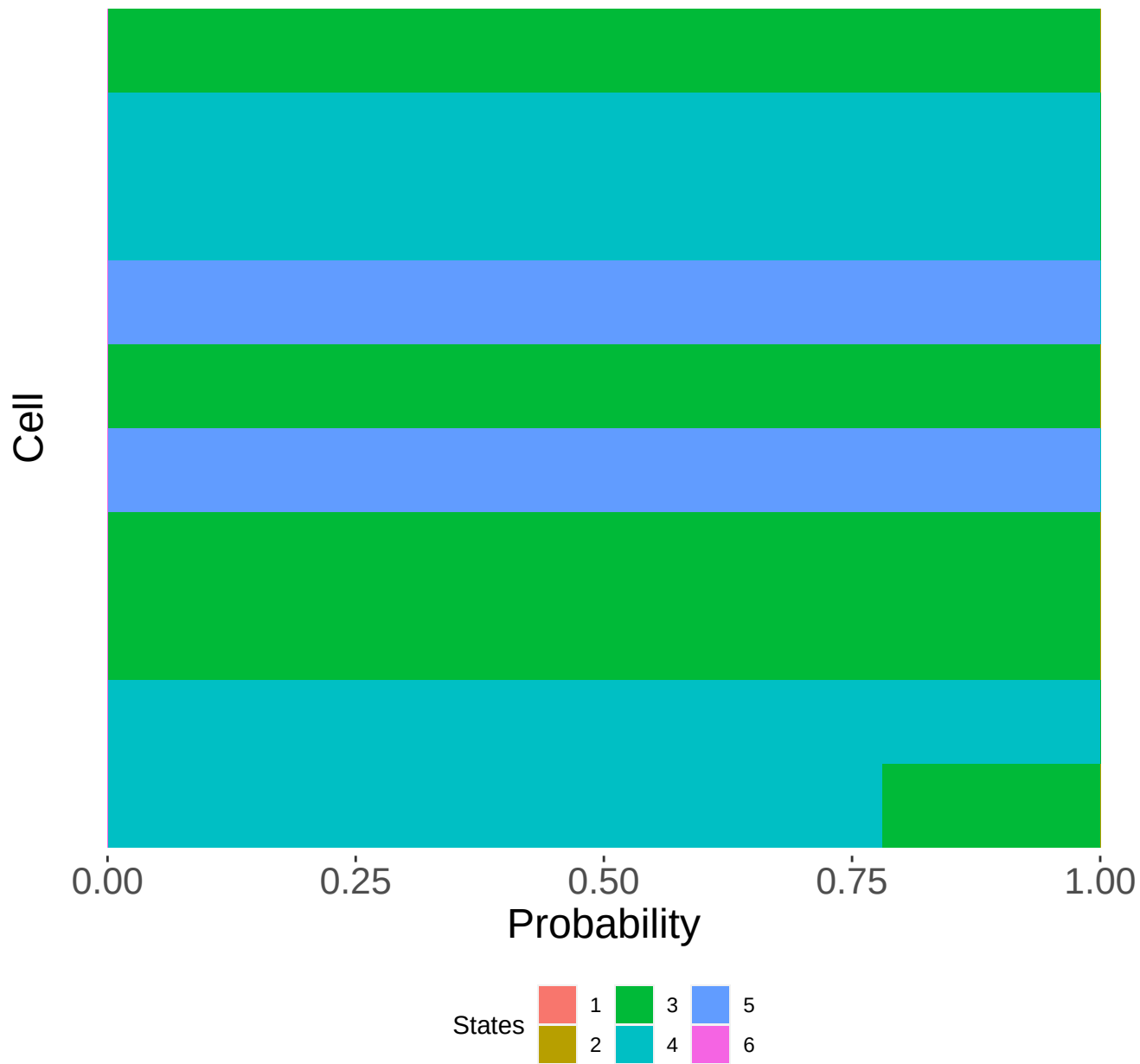
chr15-region_4202



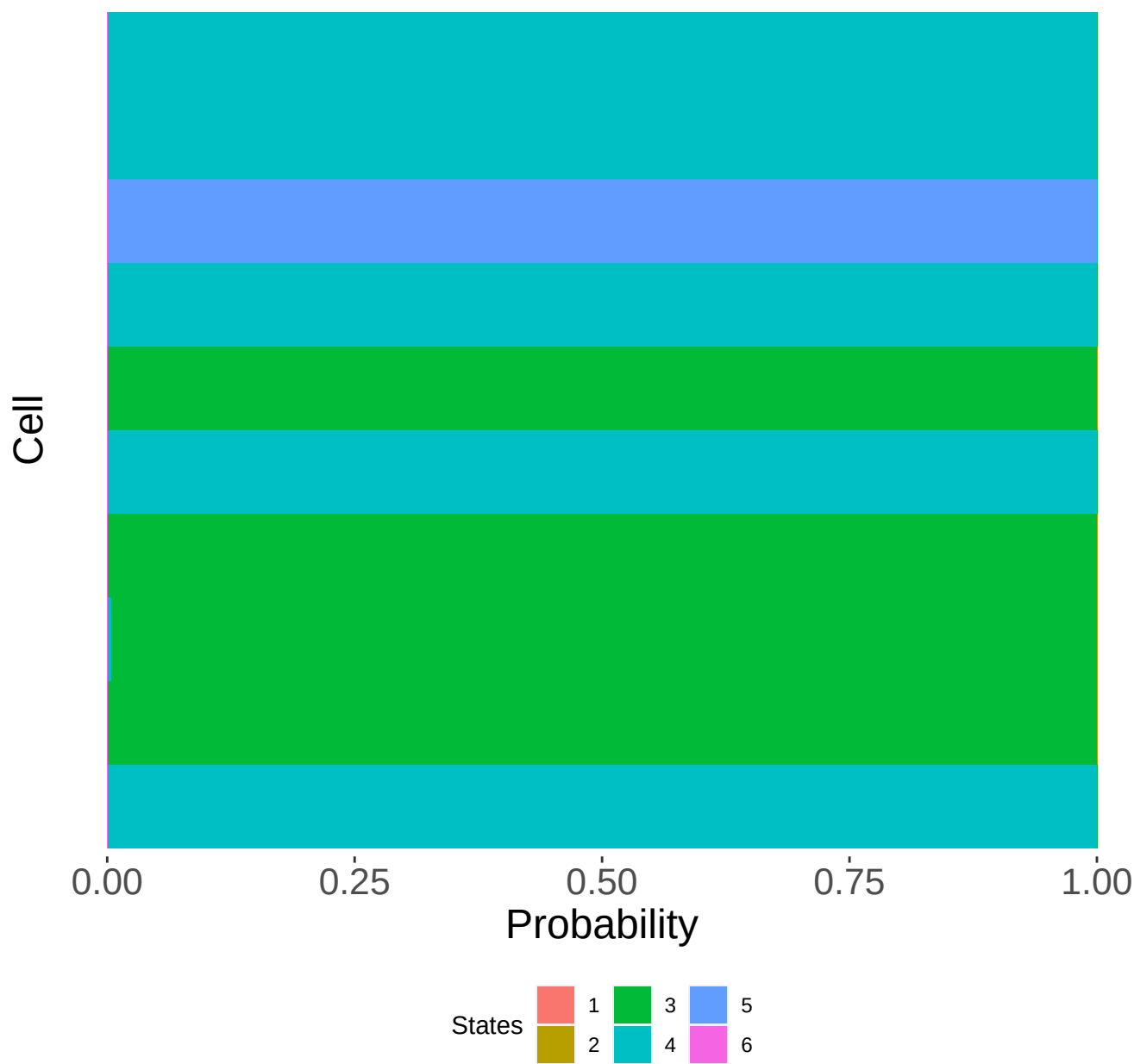
chr2-region_4228



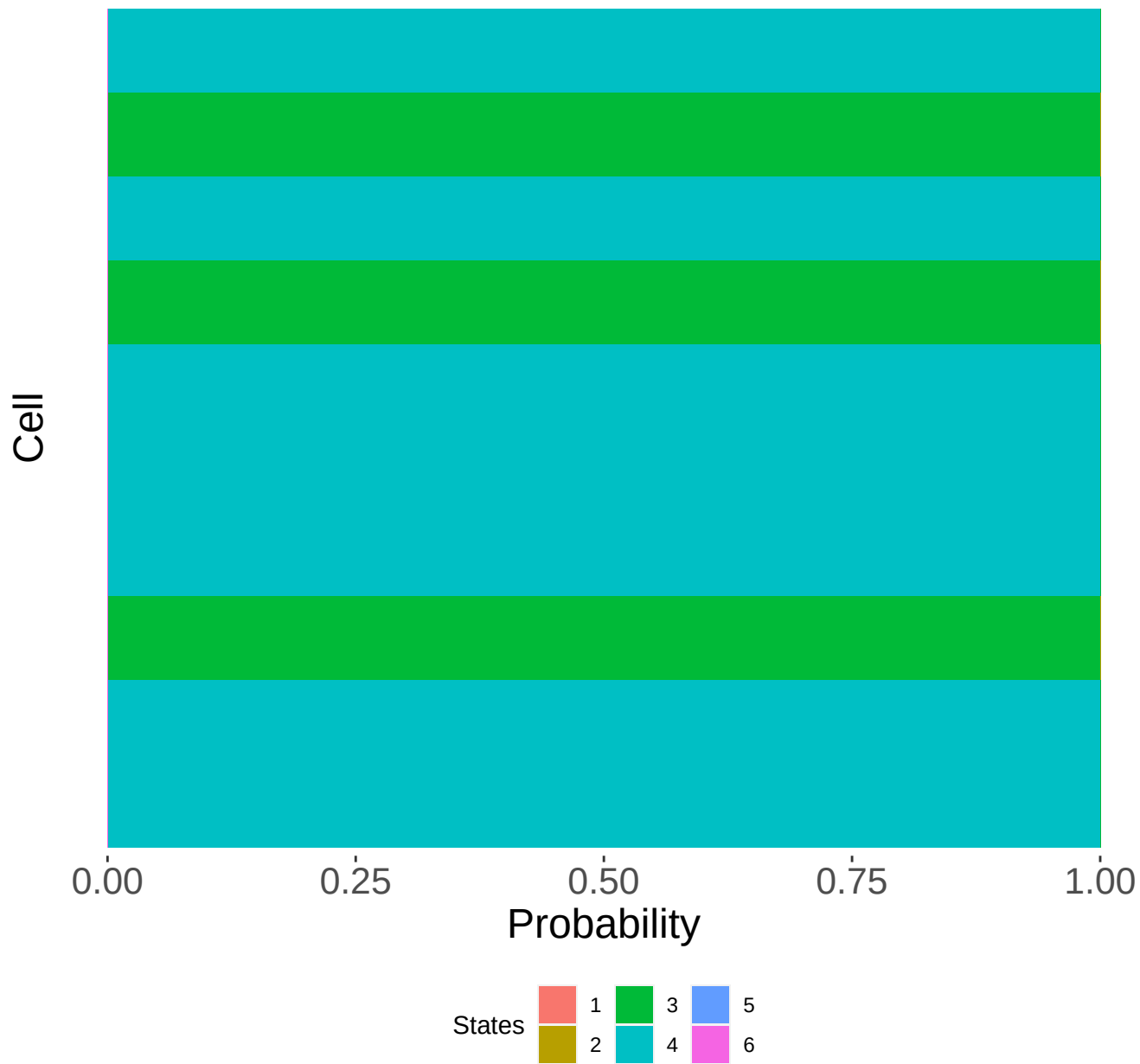
chr2-region_4230



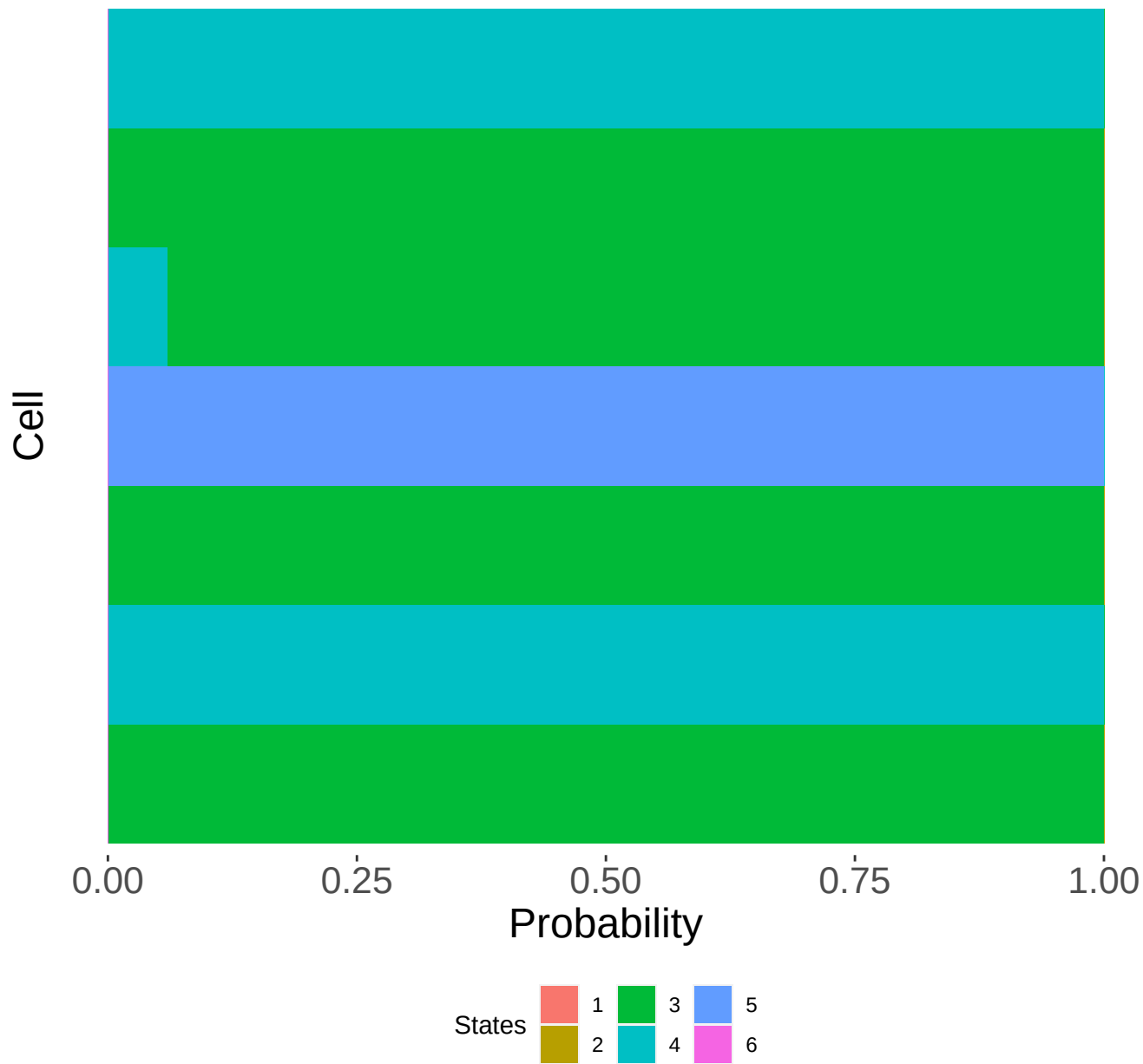
chr12-region_4240



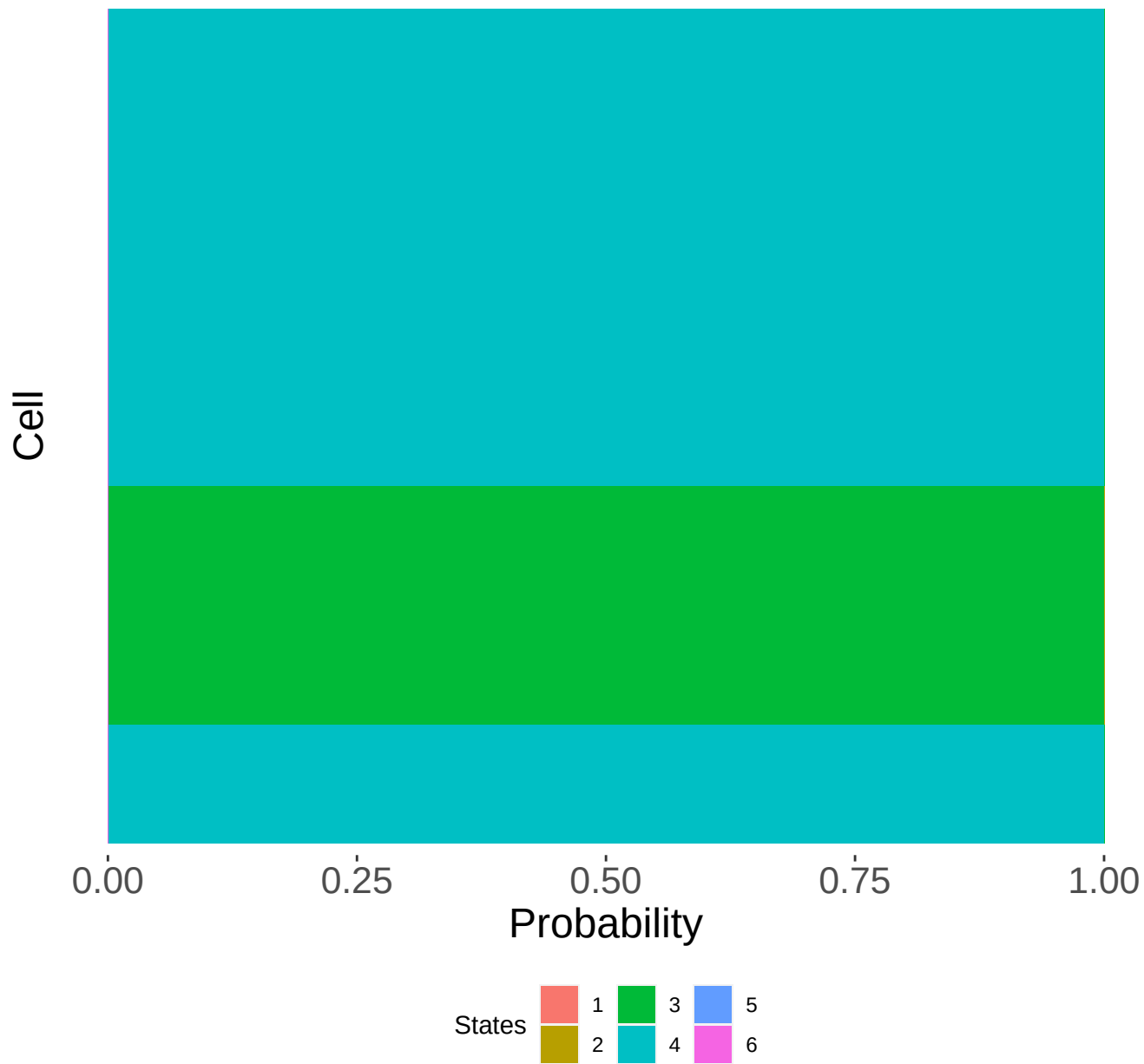
chr14-region_4244



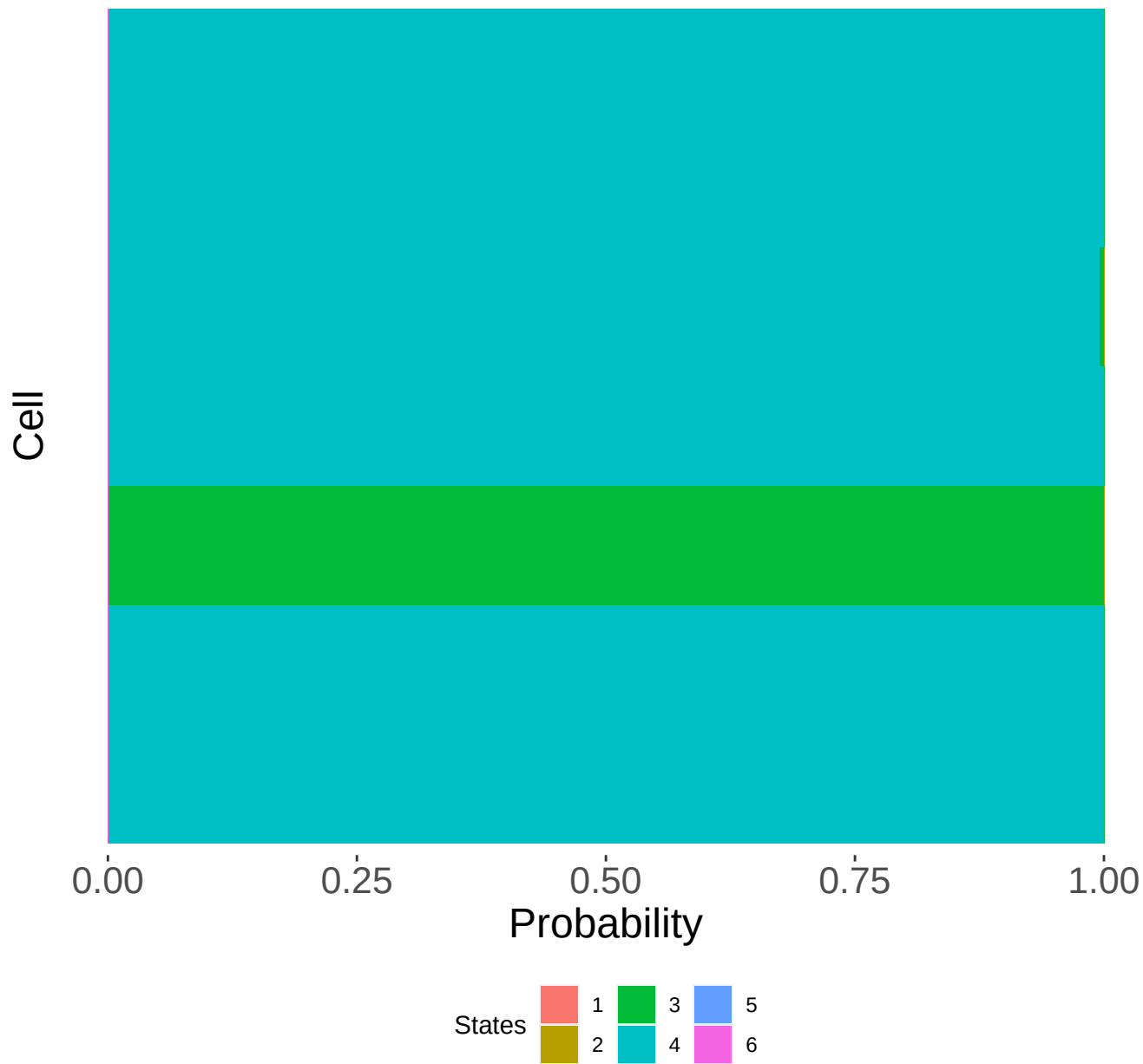
chr4-region_4255



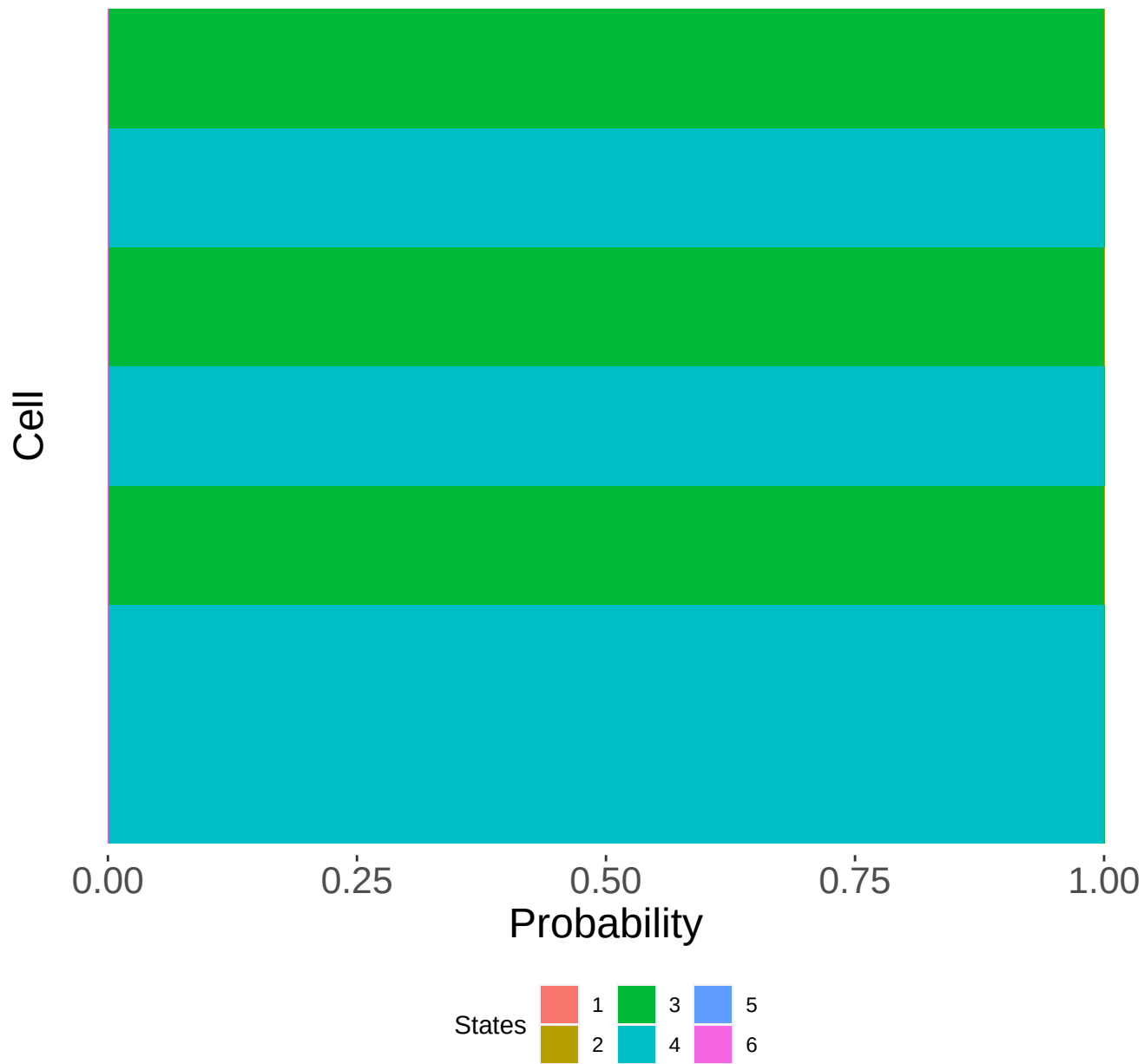
chr7-region_4259



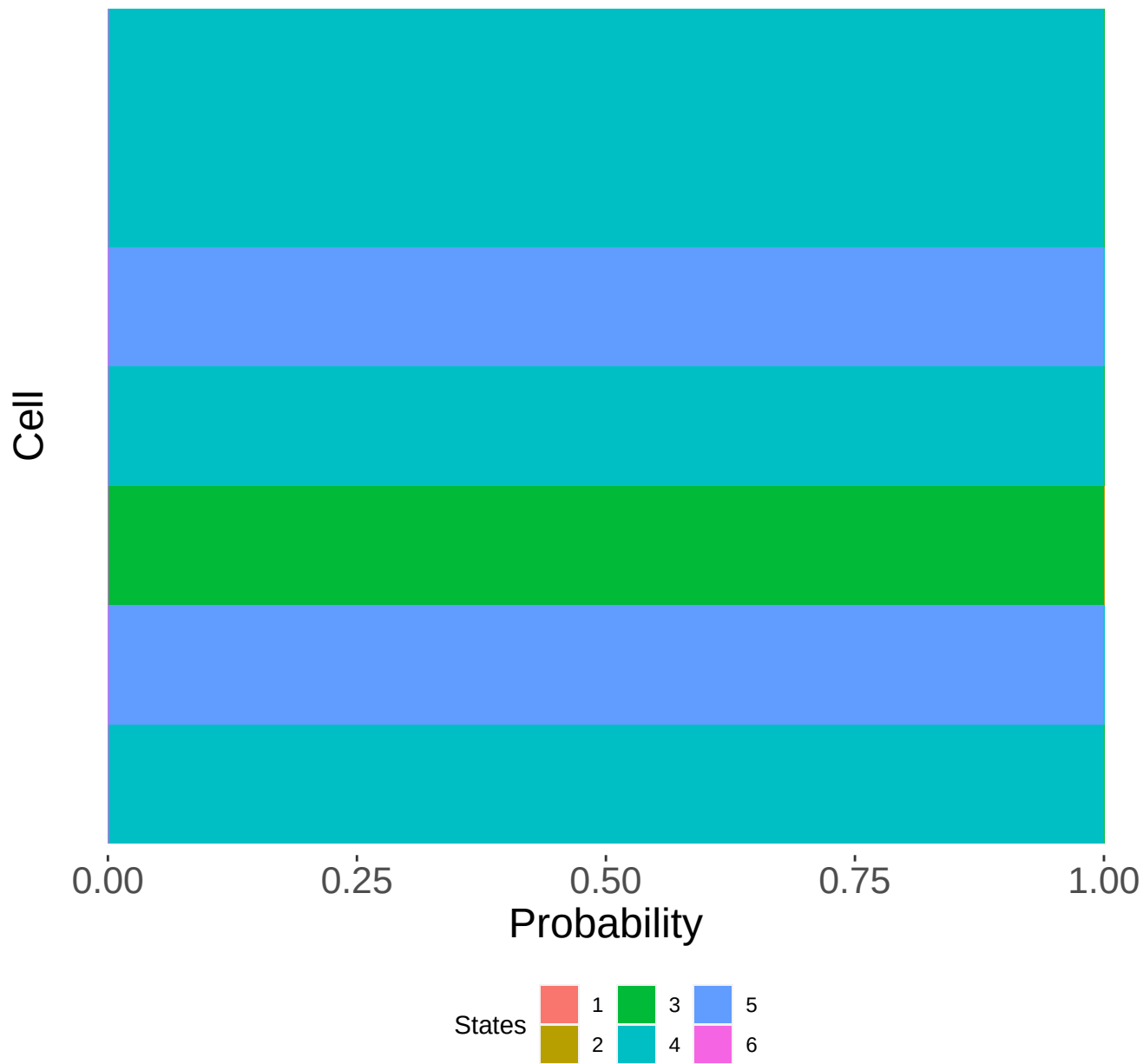
chr11-region_4265



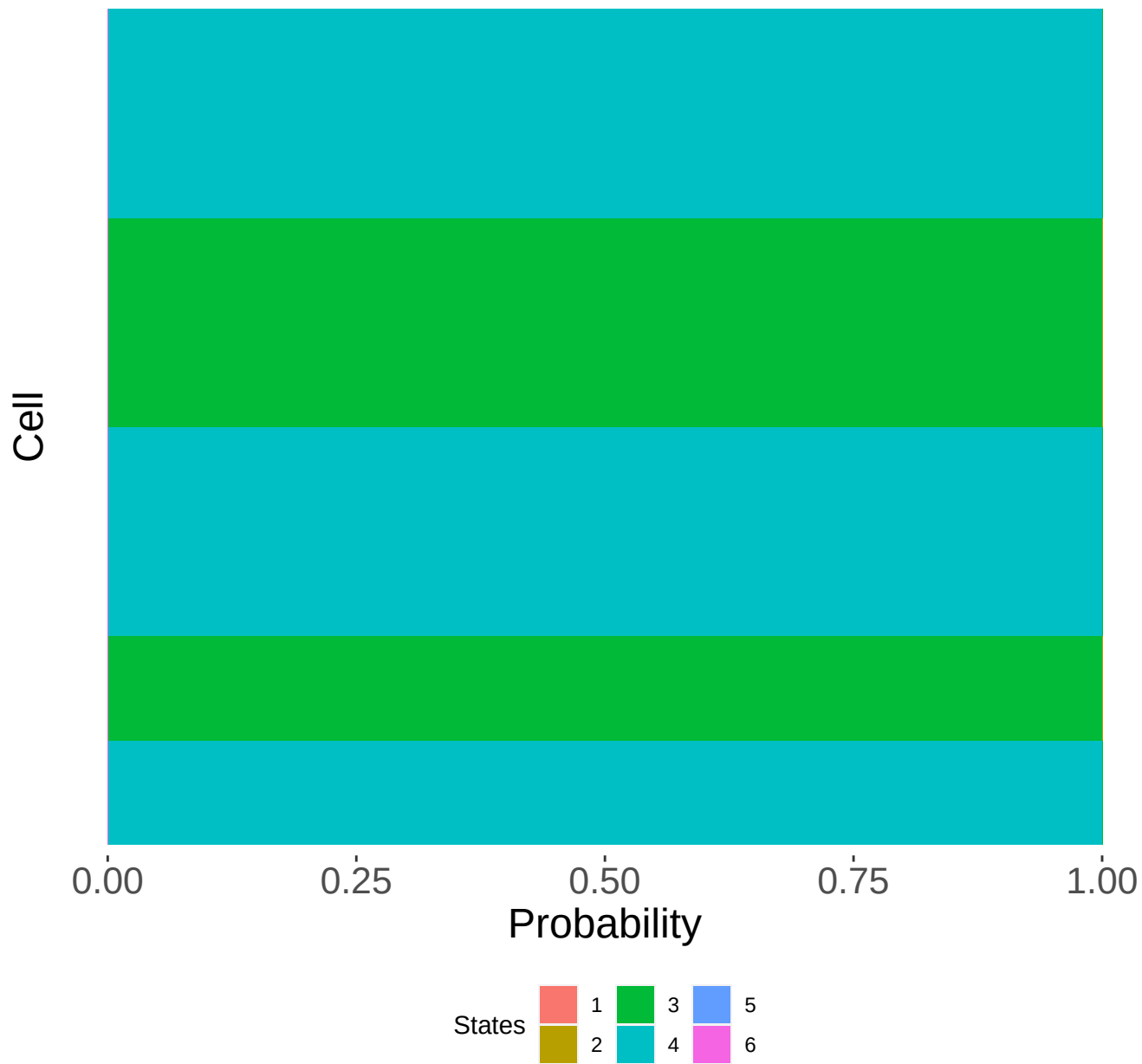
chr13-region_4268



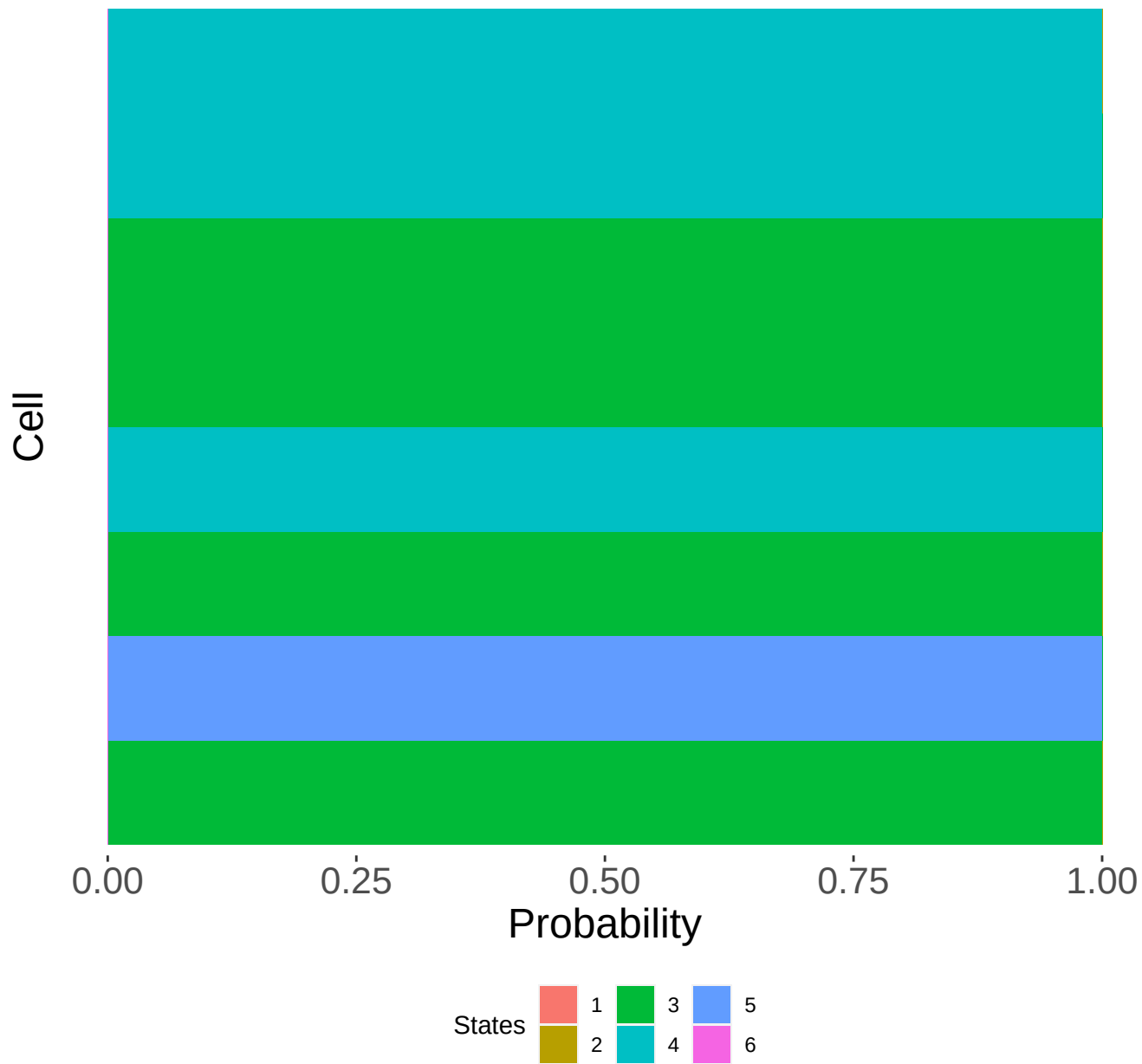
chr19-region_4275



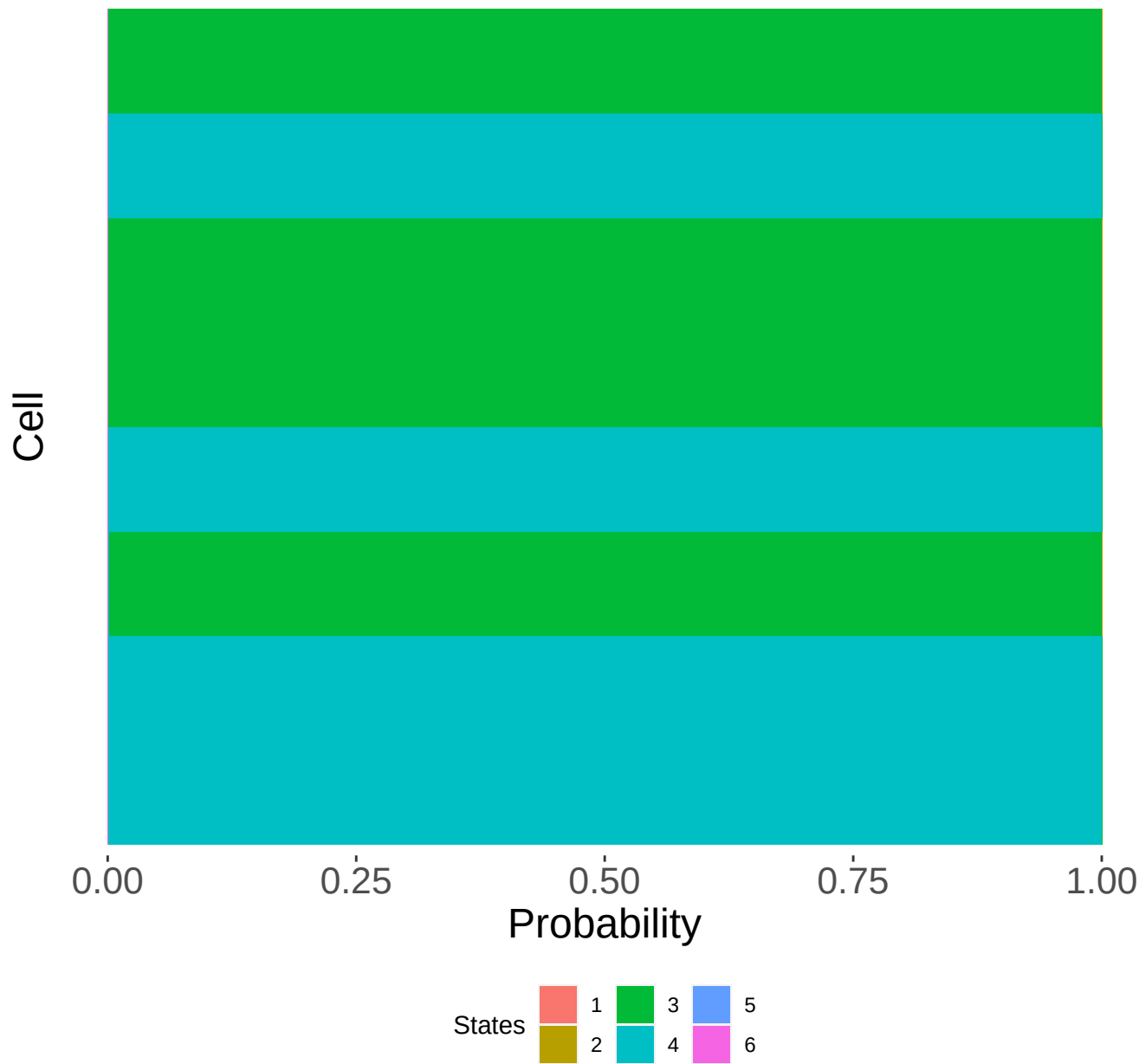
chr2-region_4279



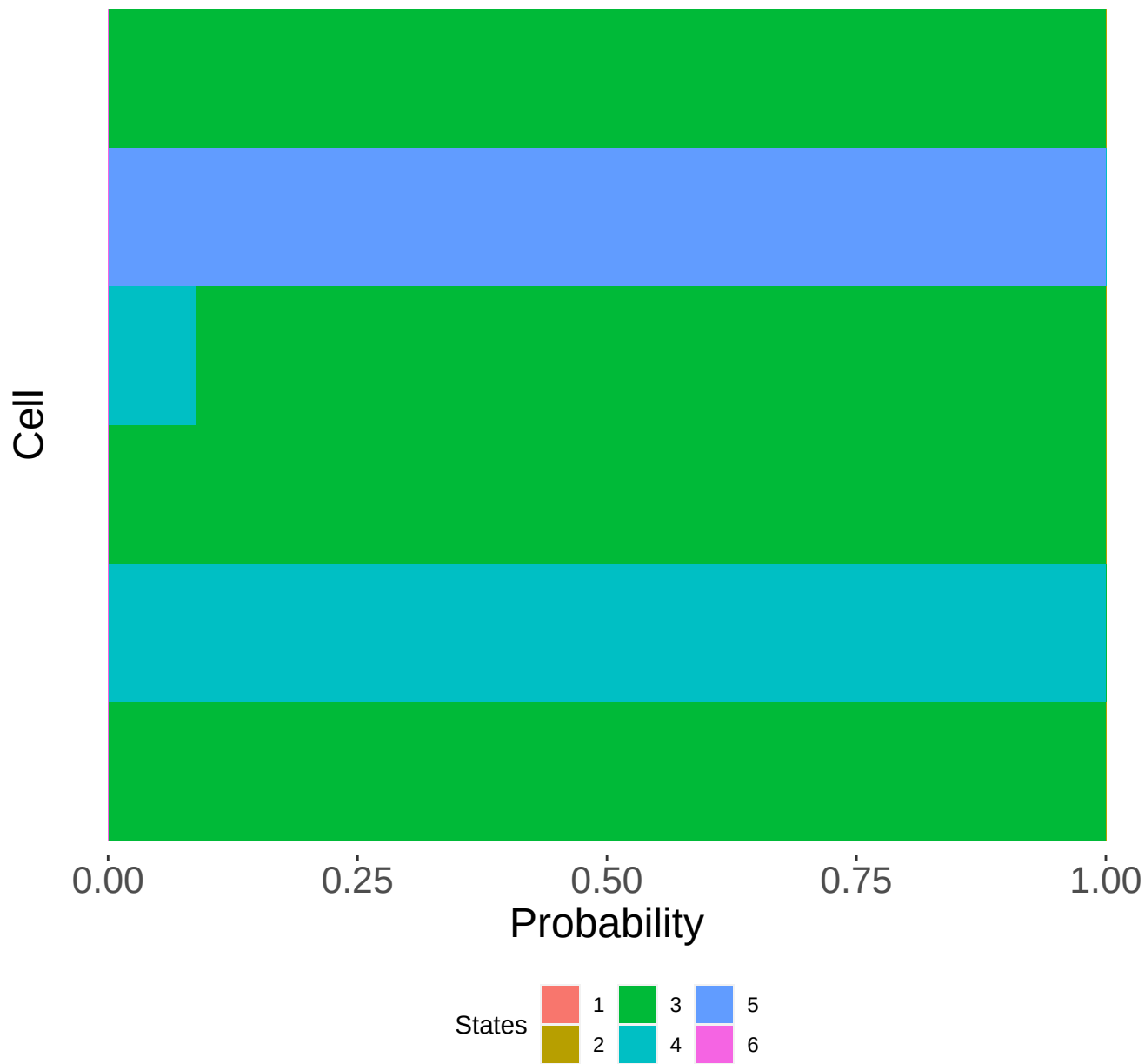
chr4-region_4283



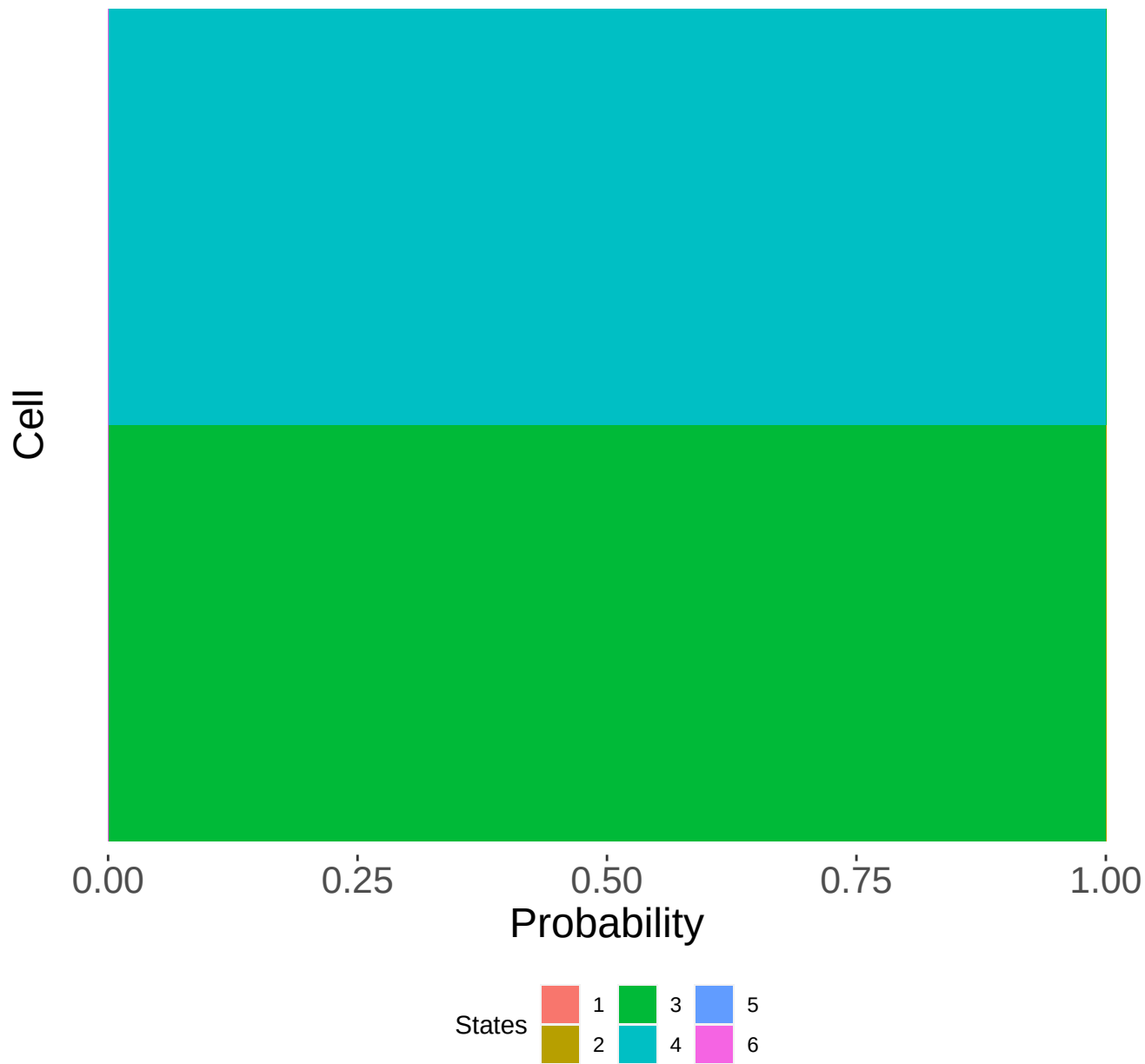
chr8-region_4288



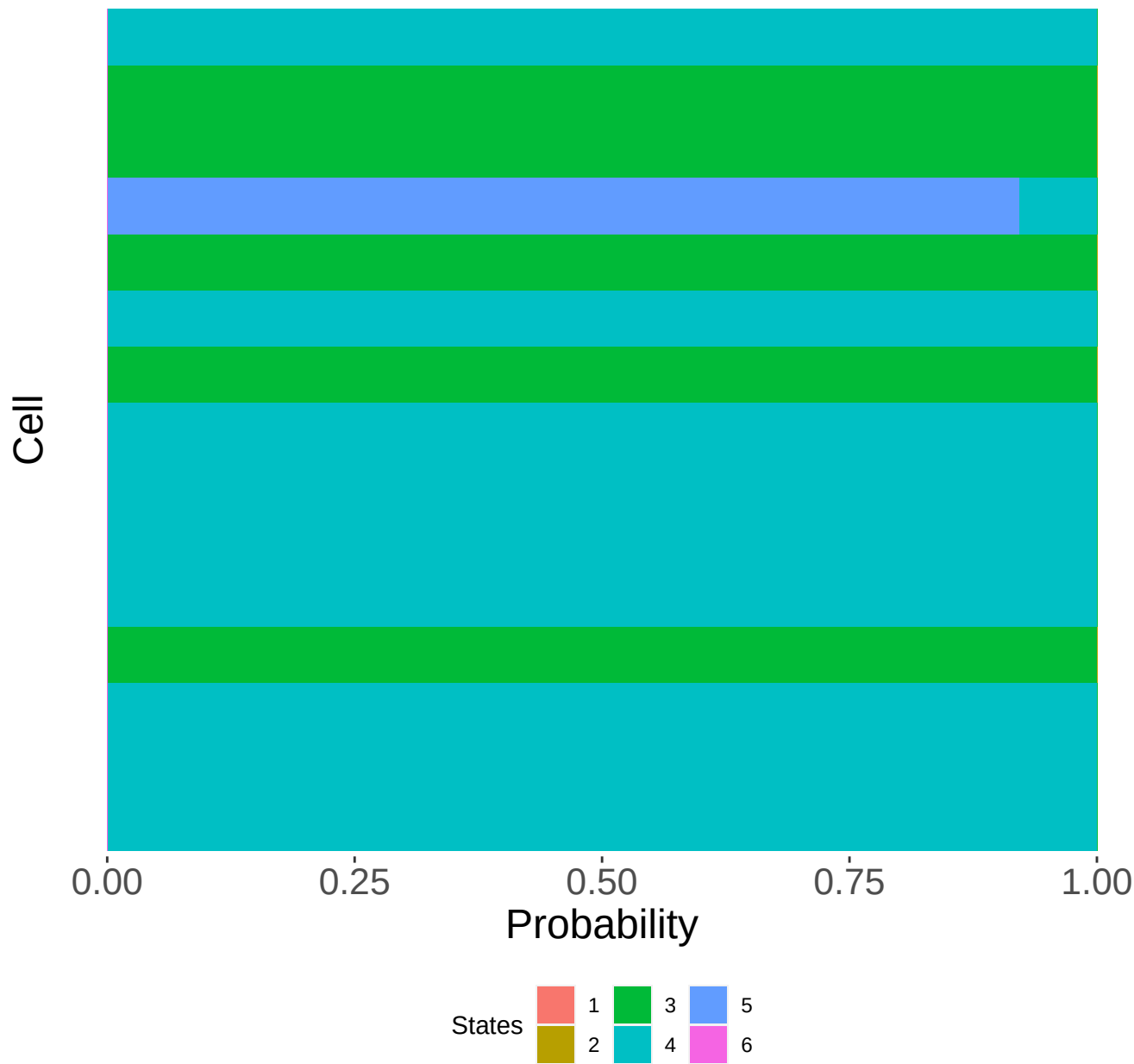
chr1-region_4320



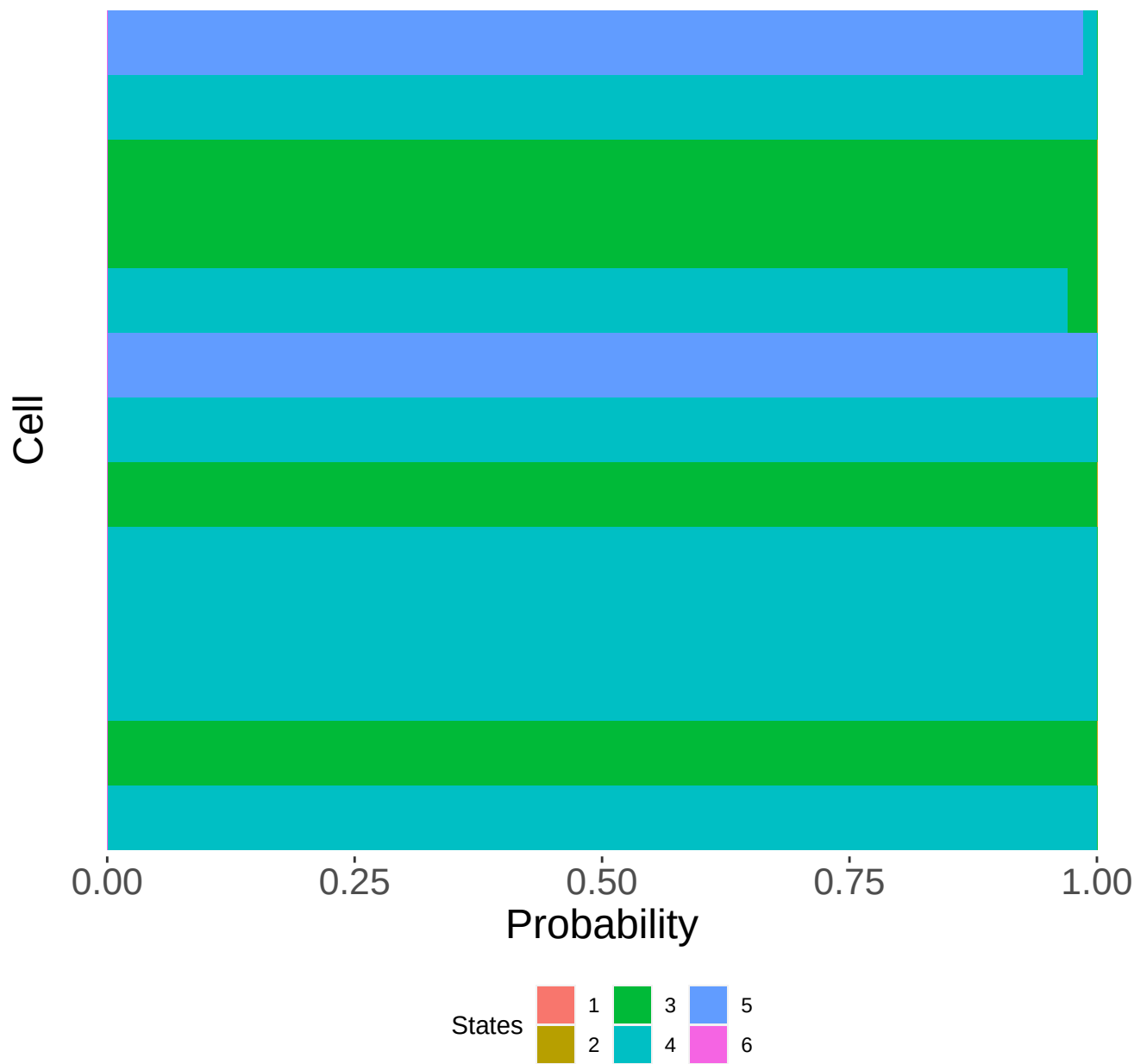
chr17-region_4338



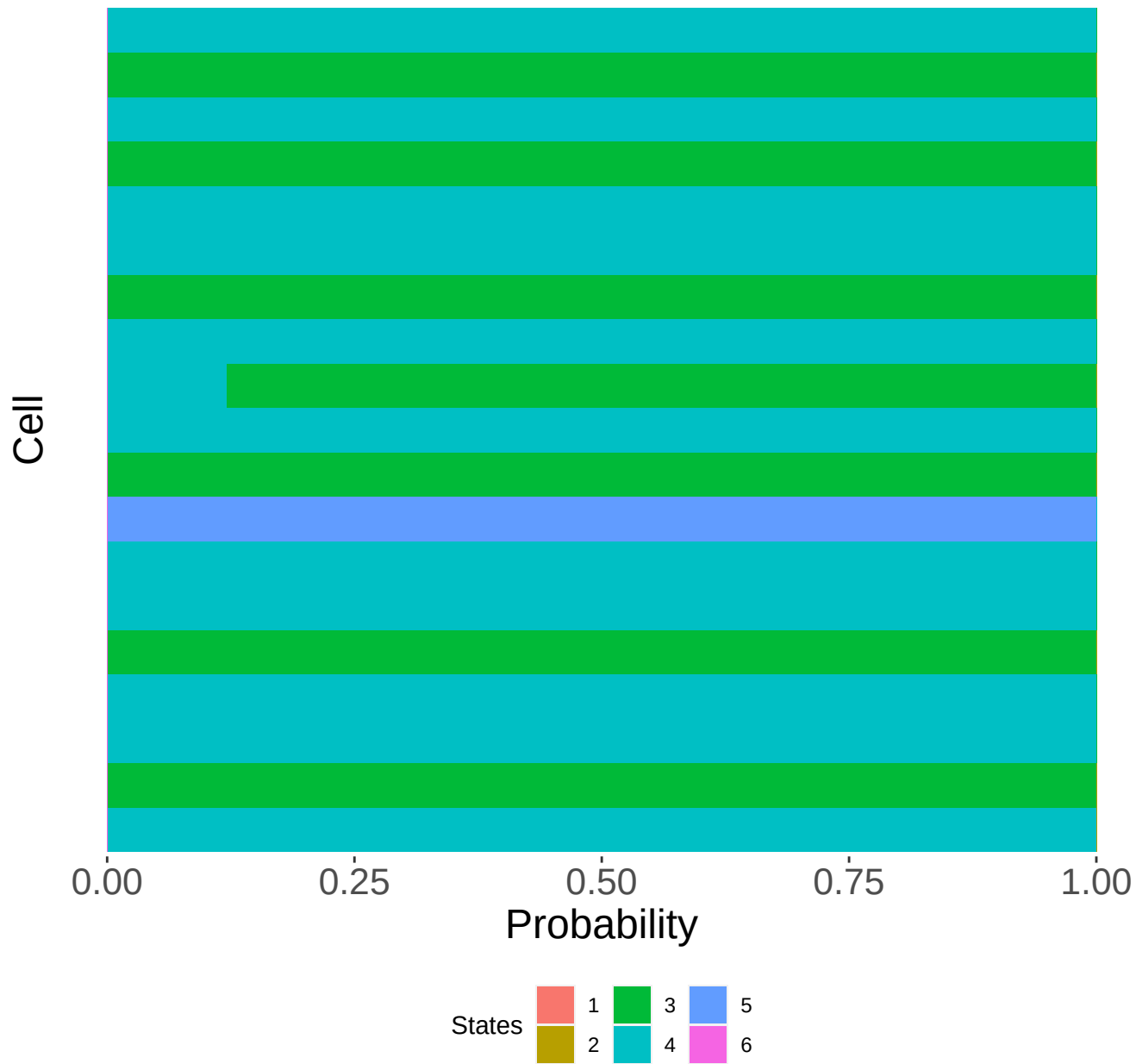
chr19-region_4454



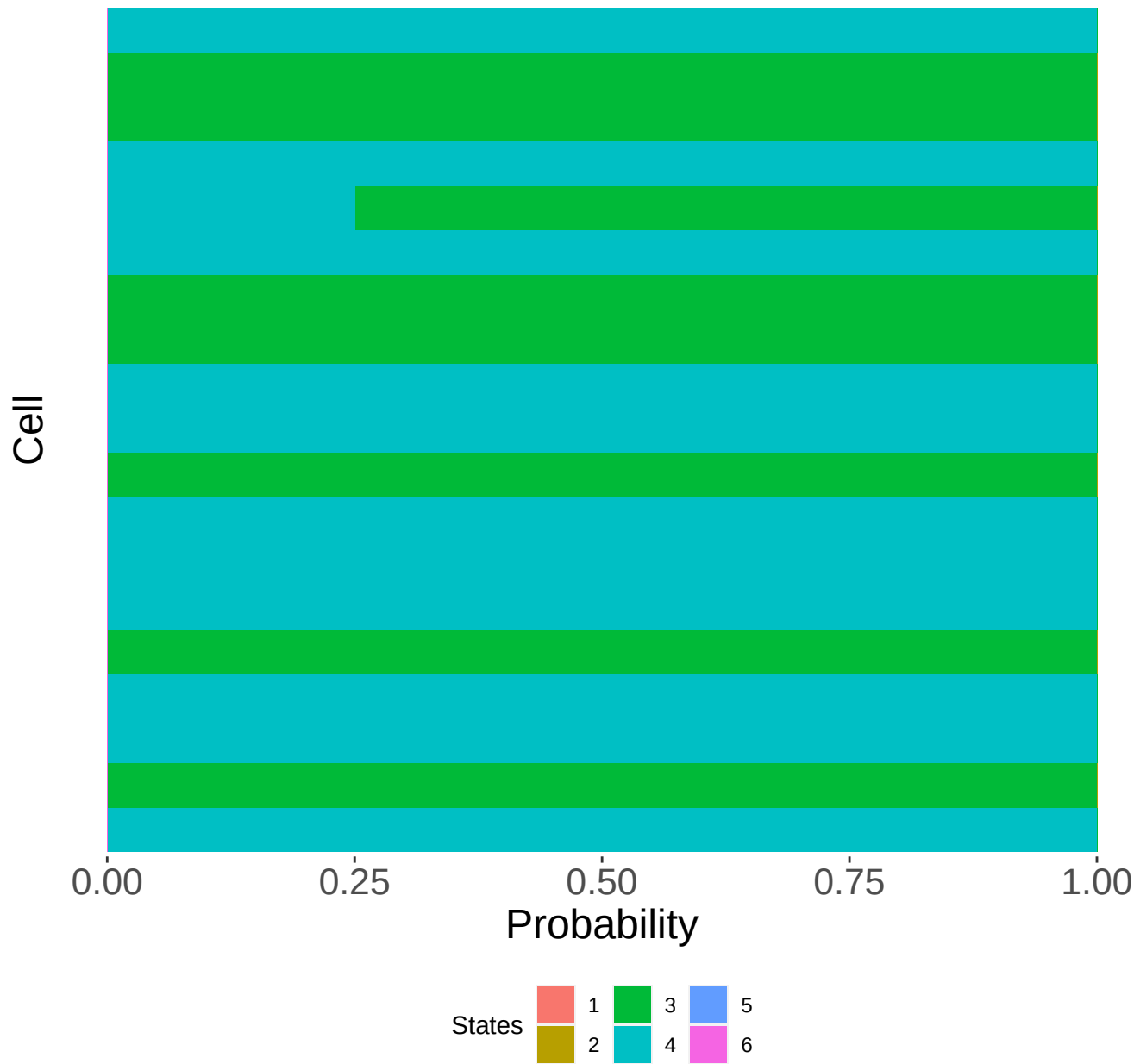
chr16-region_4471



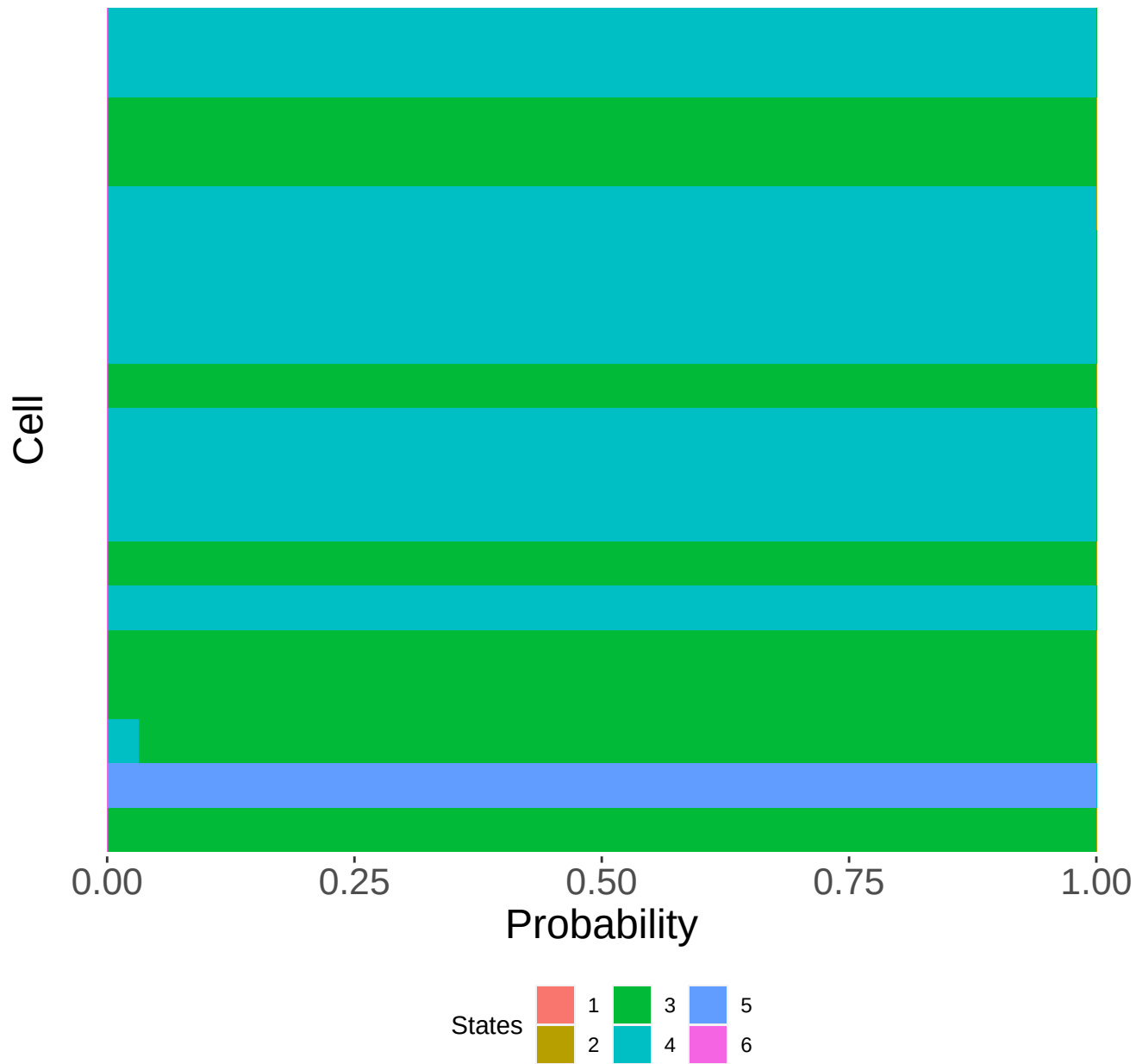
chr4-region_4480



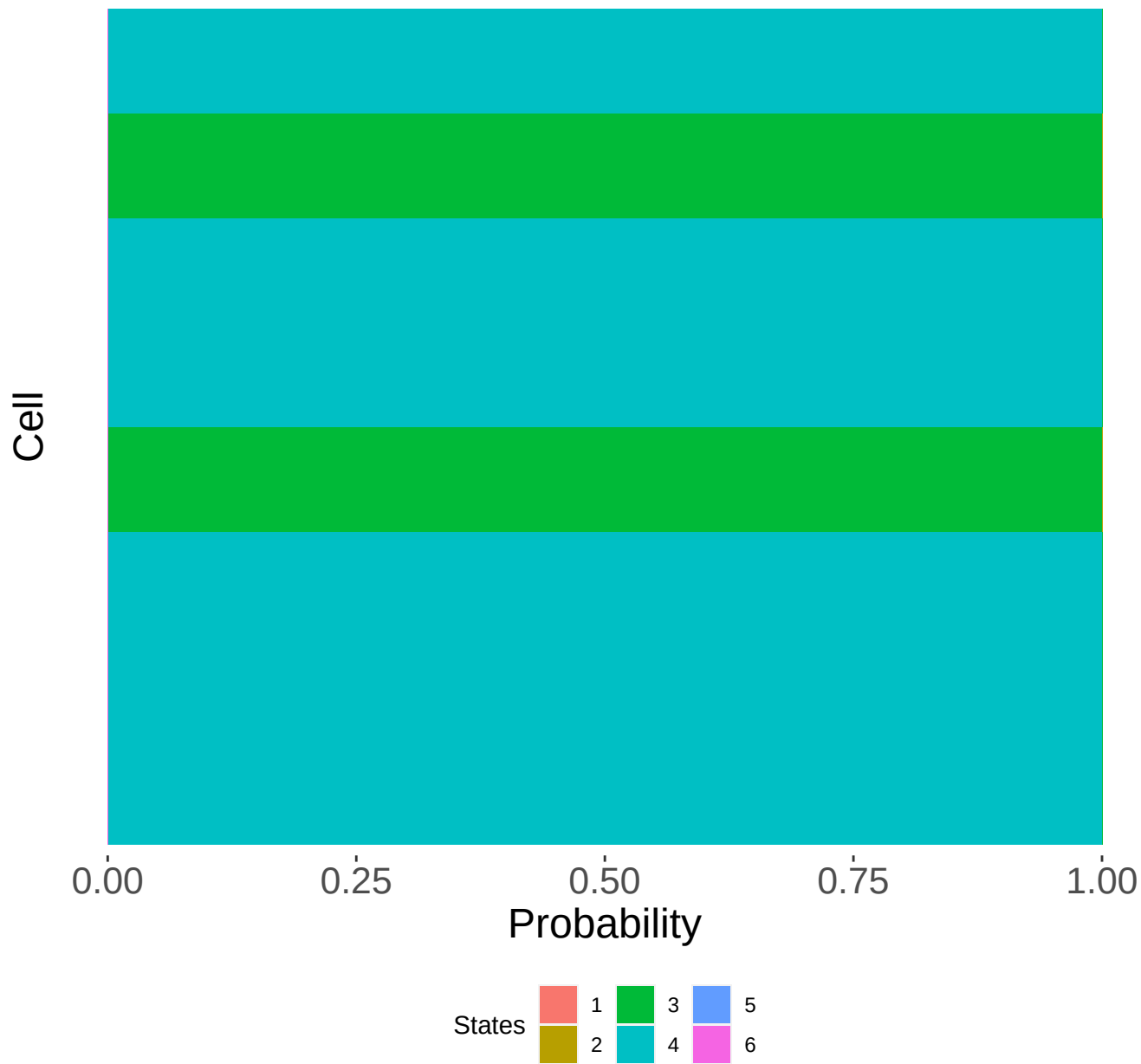
chr10-region_4488



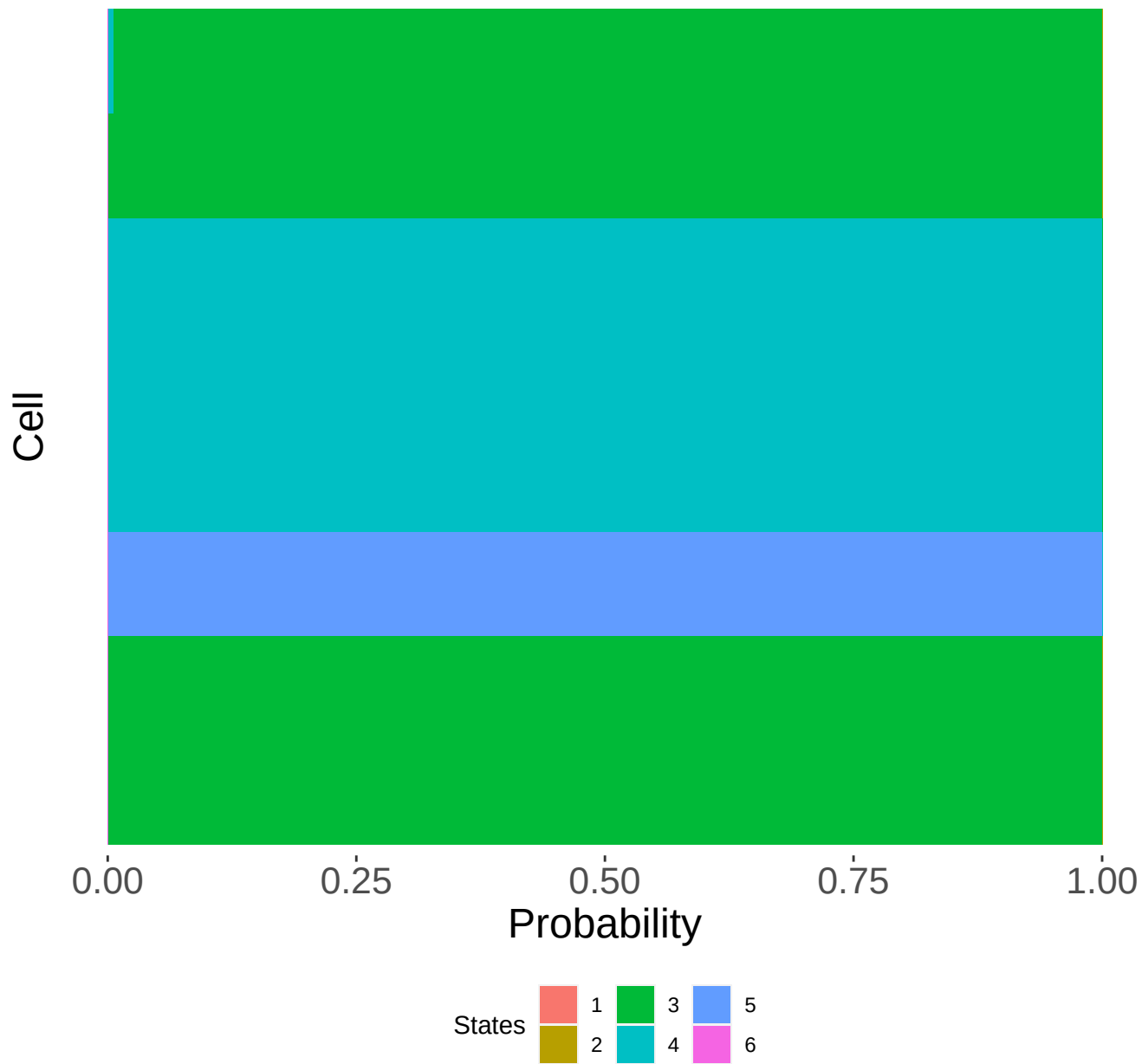
chr16-region_4495



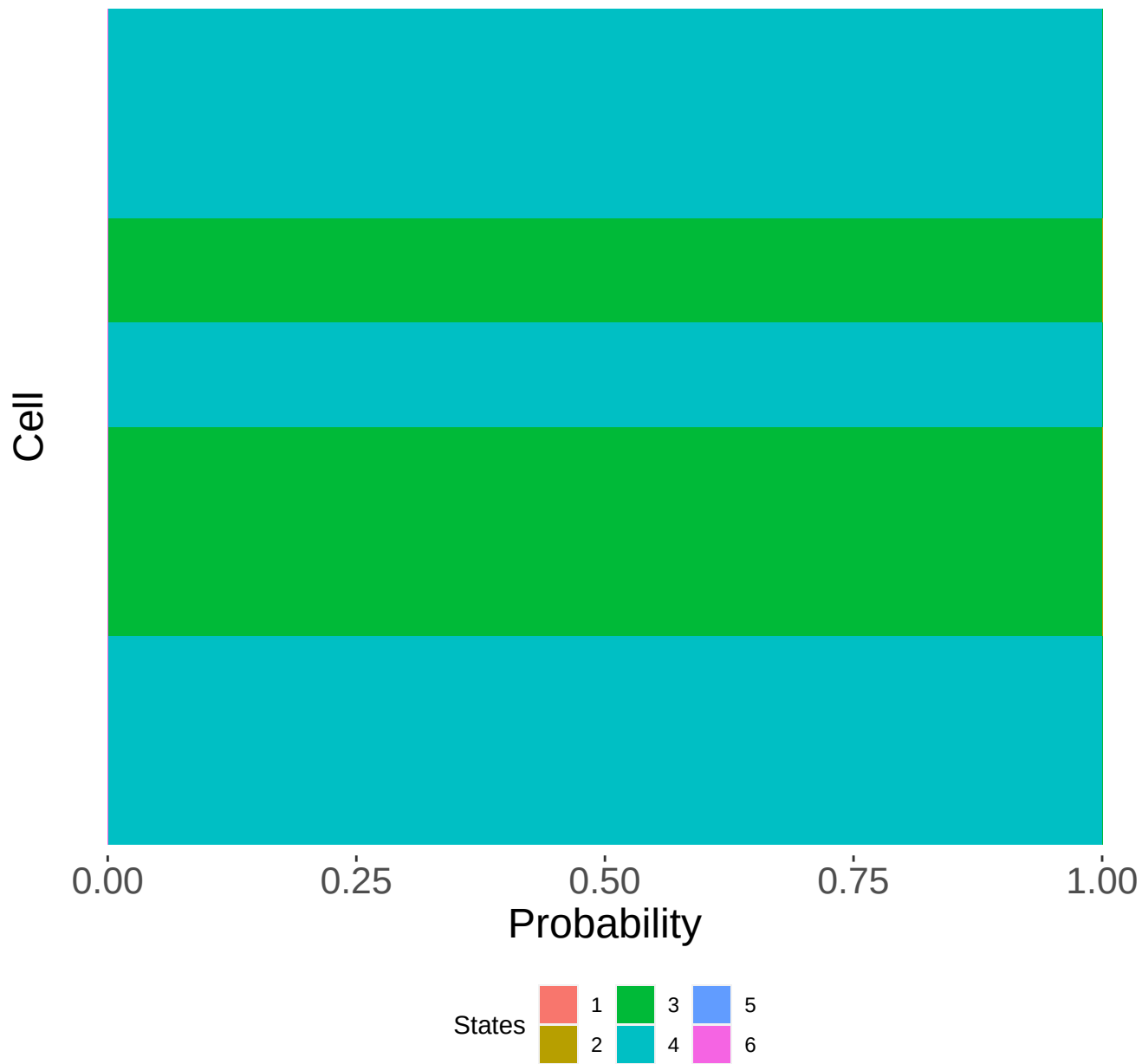
chr4-region_4504



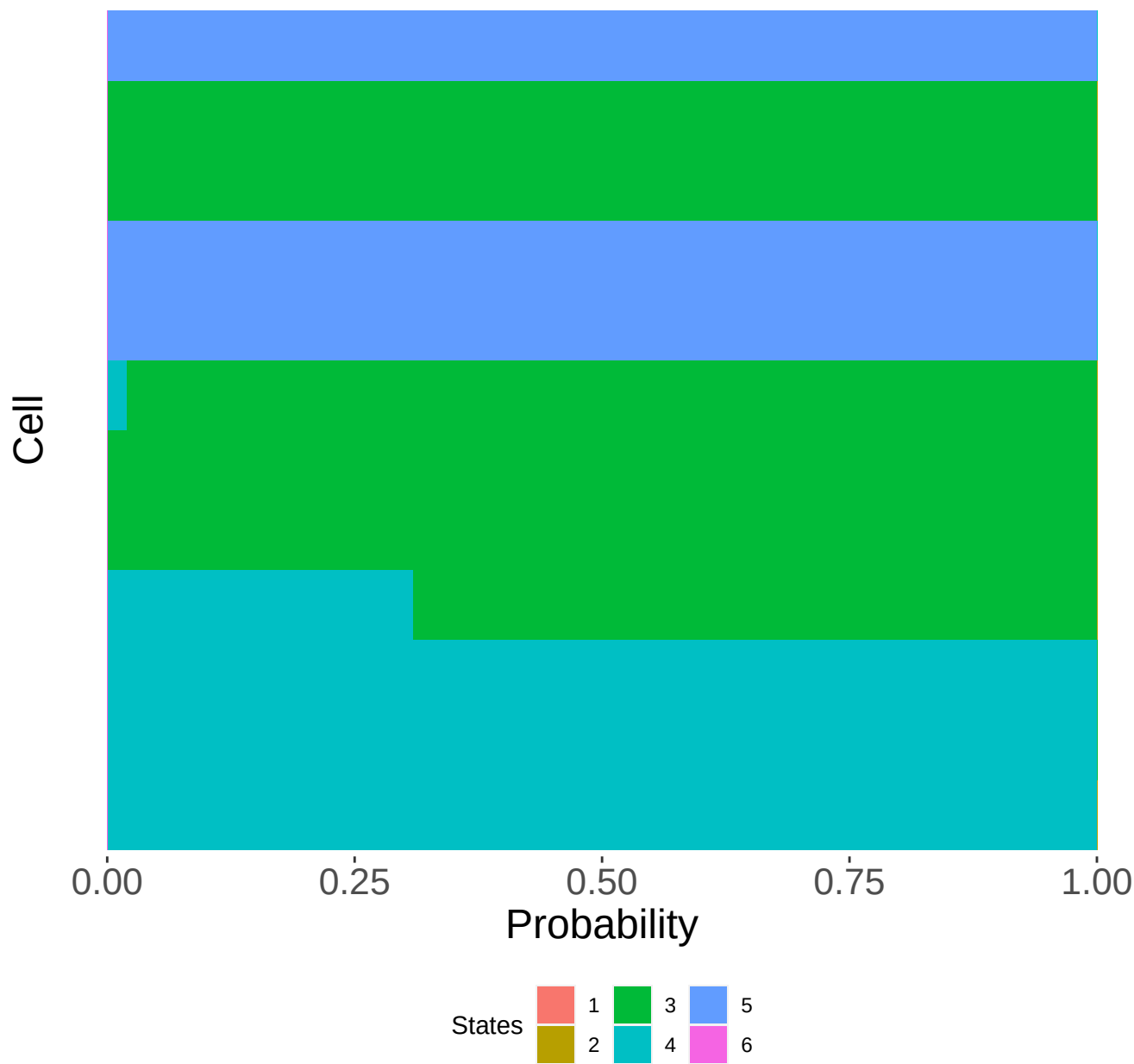
chr7-region_4507



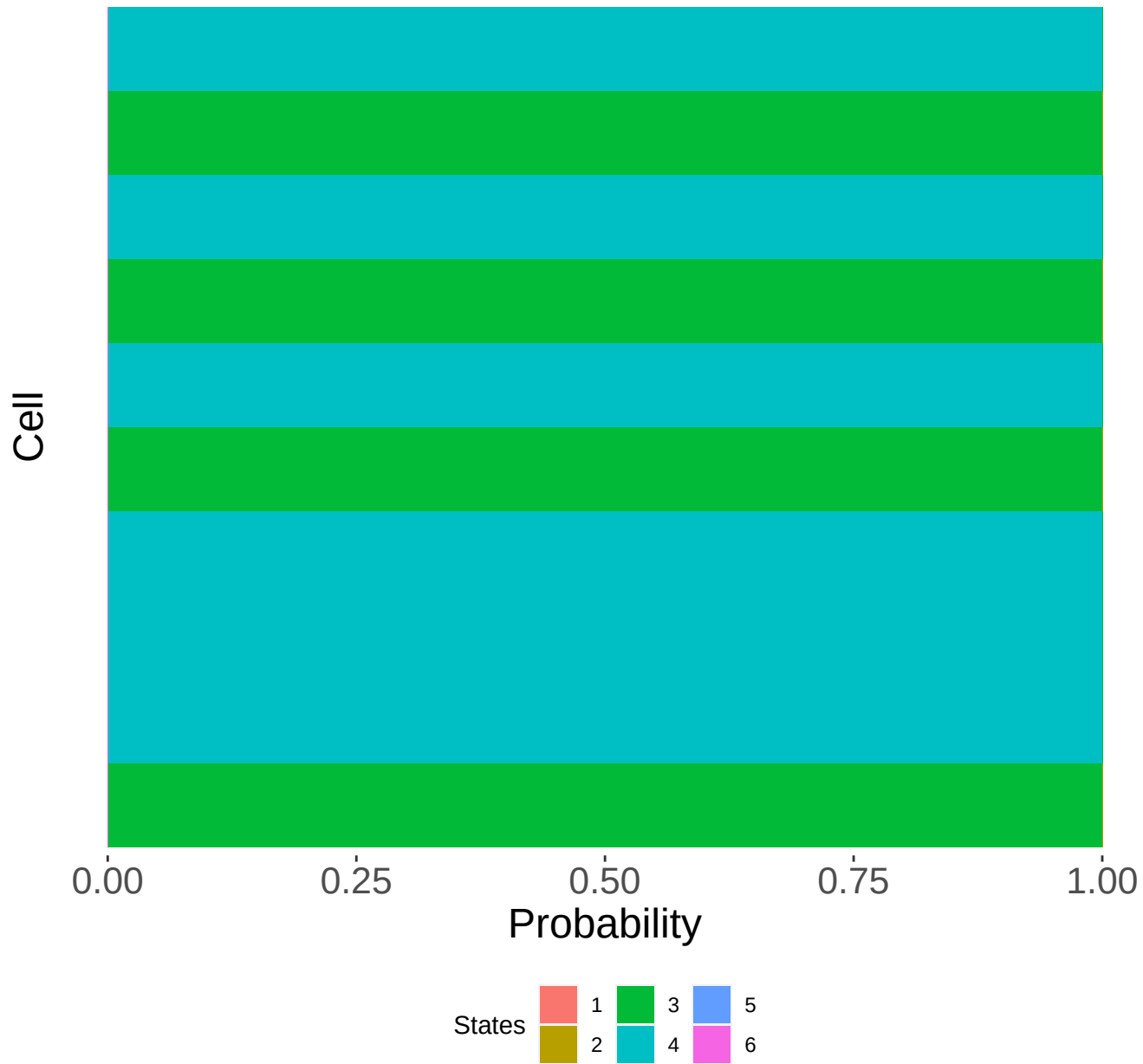
chr7-region_4509



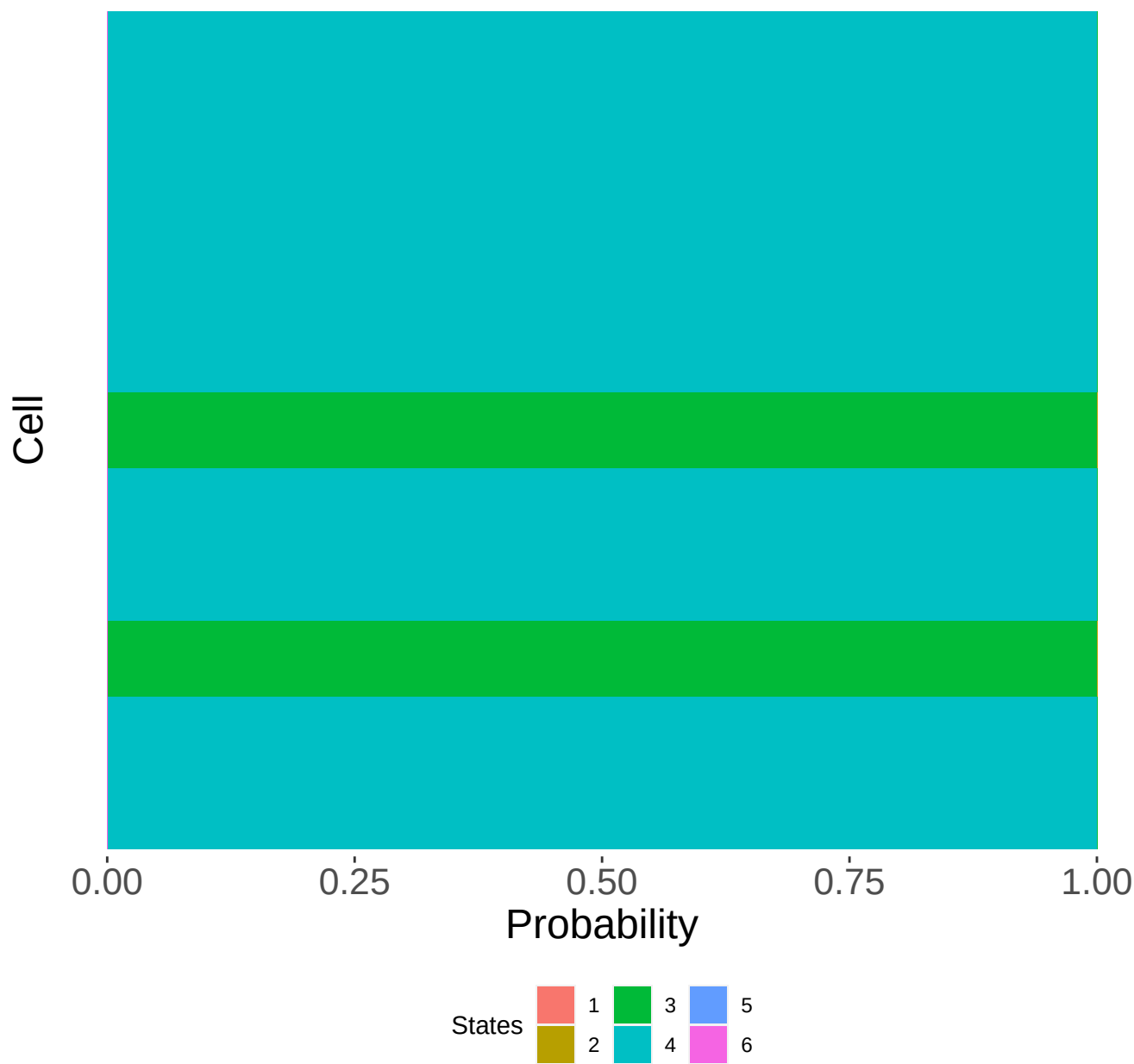
chr9-region_4530



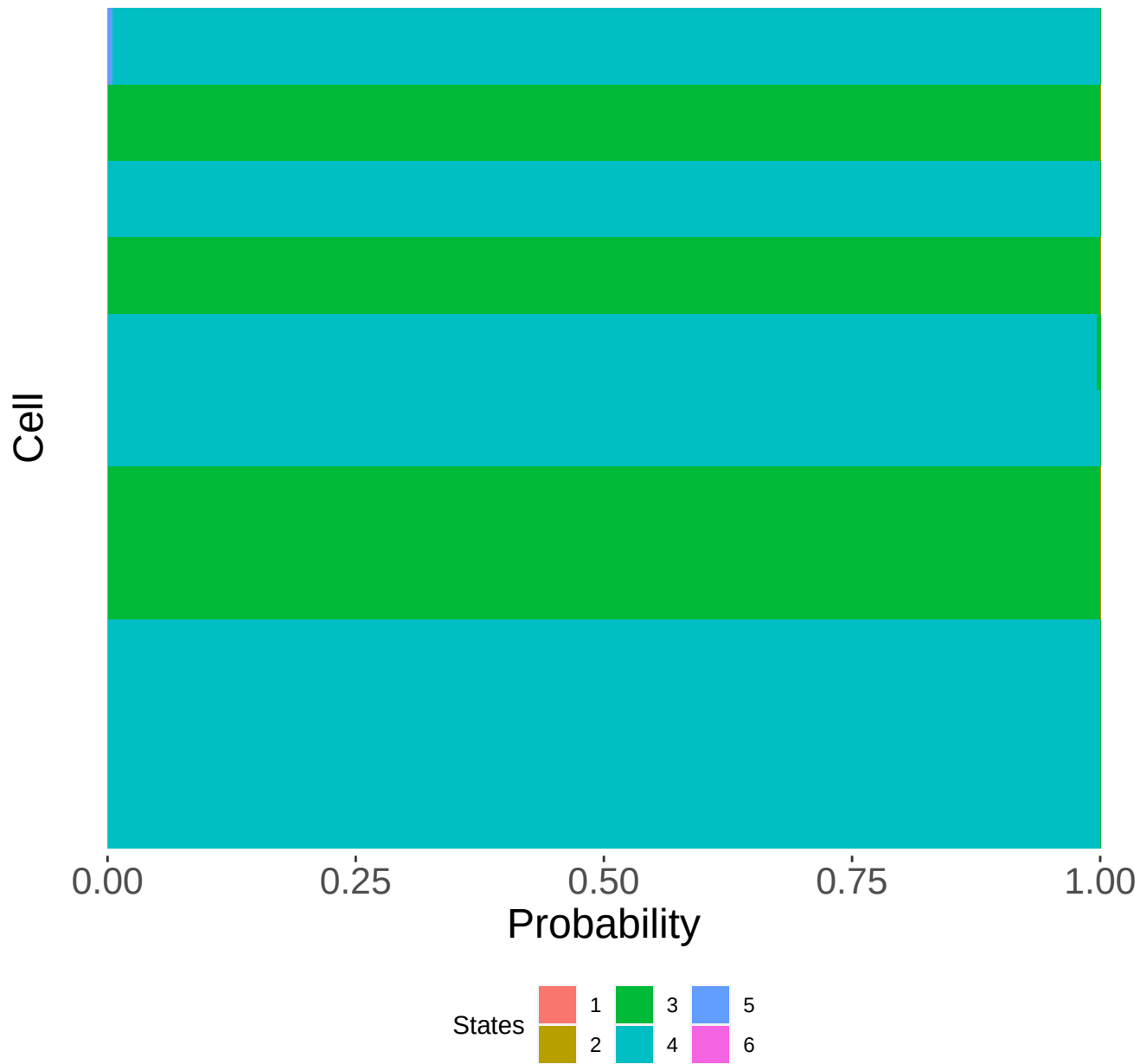
chr7-region_4548



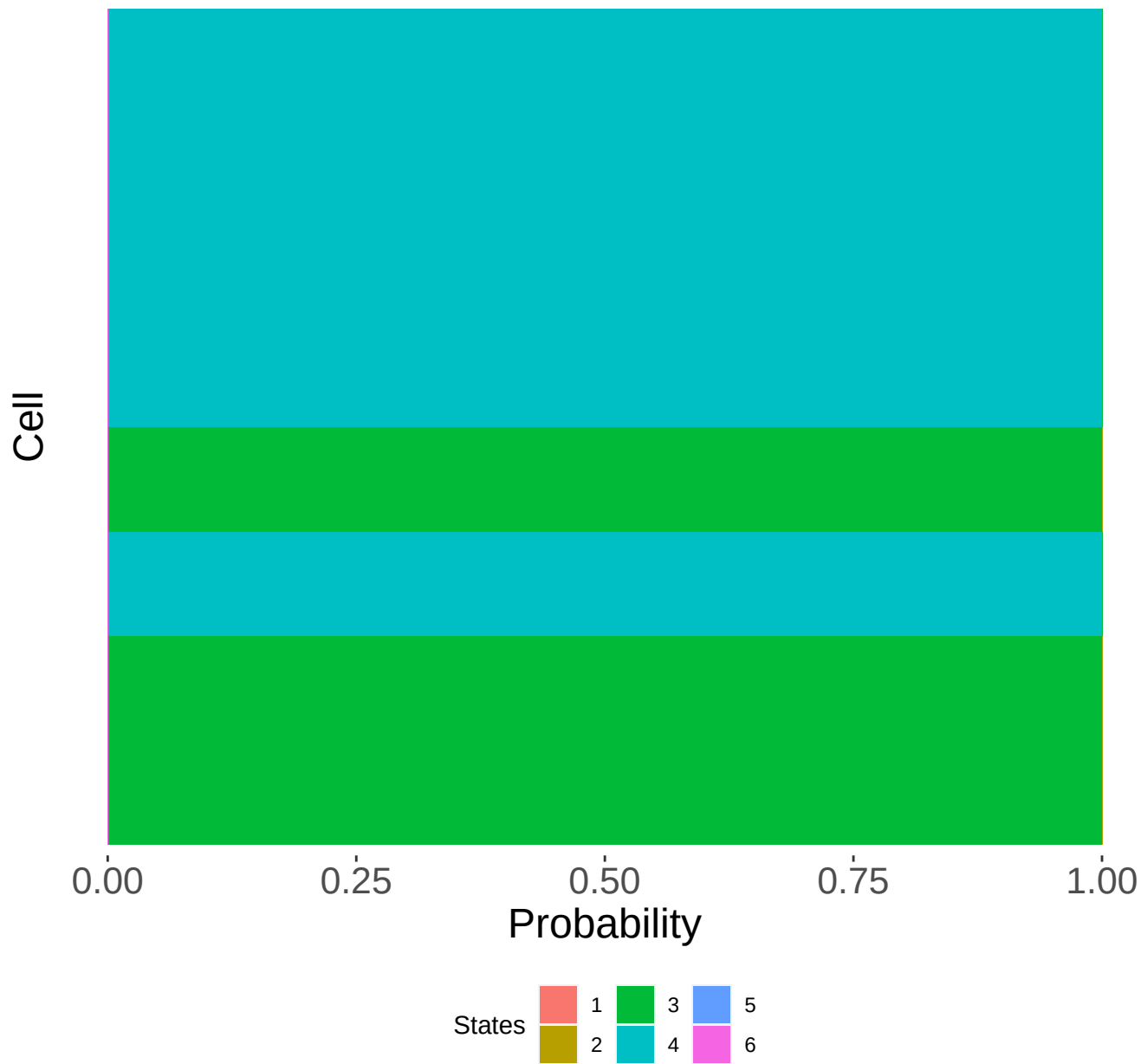
chr11-region_4592



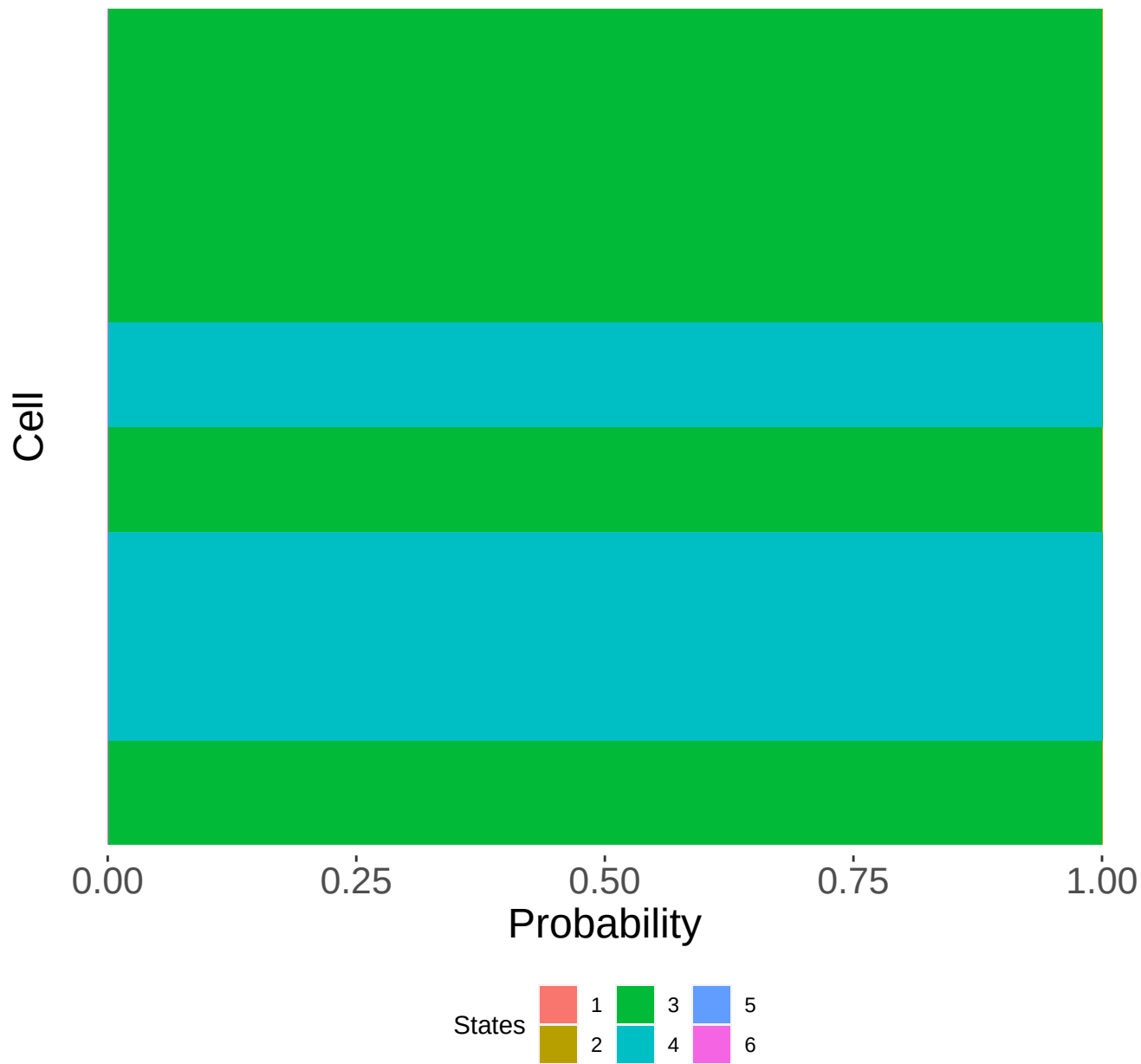
chr16-region 4599



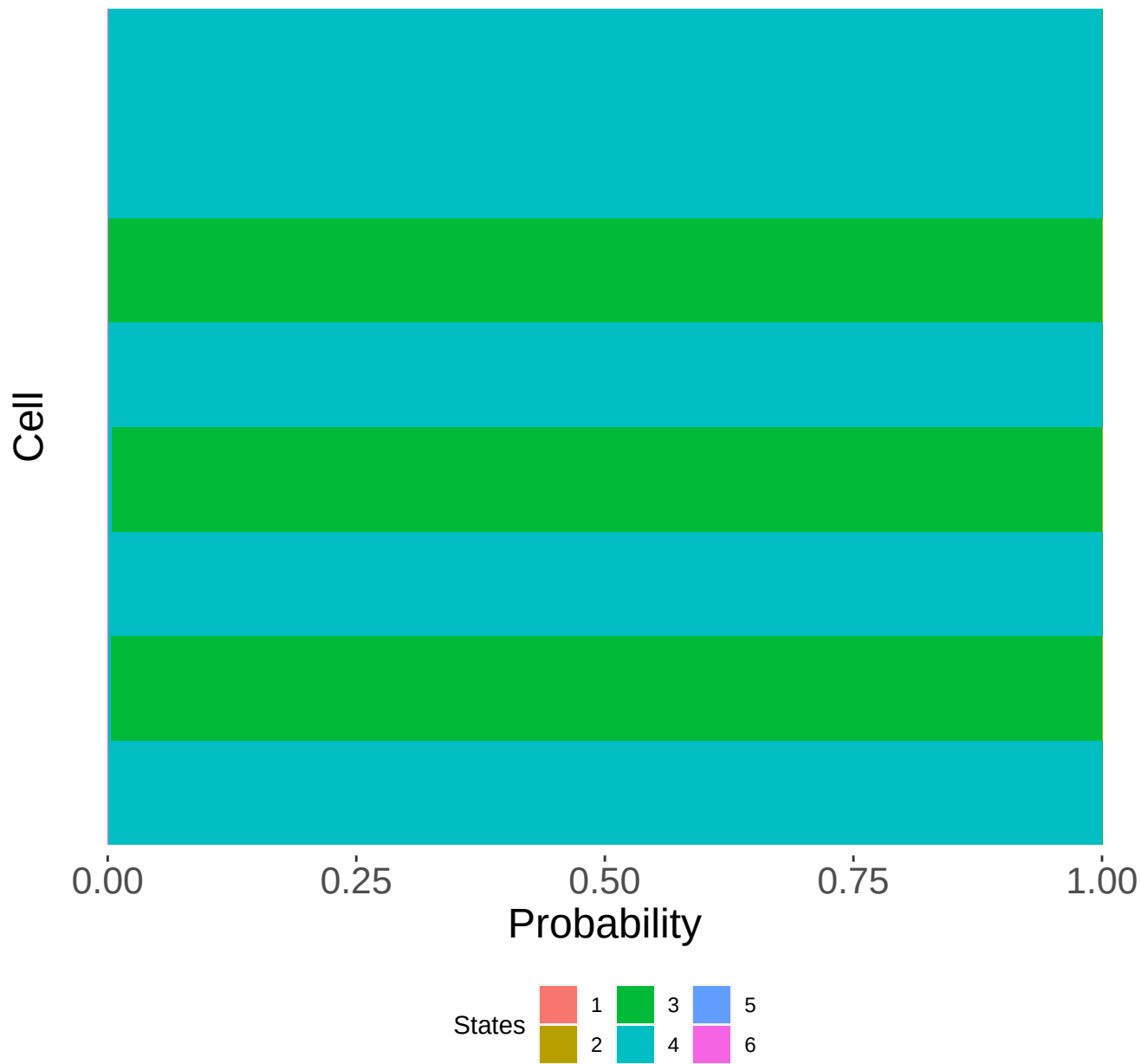
chr4-region_4664



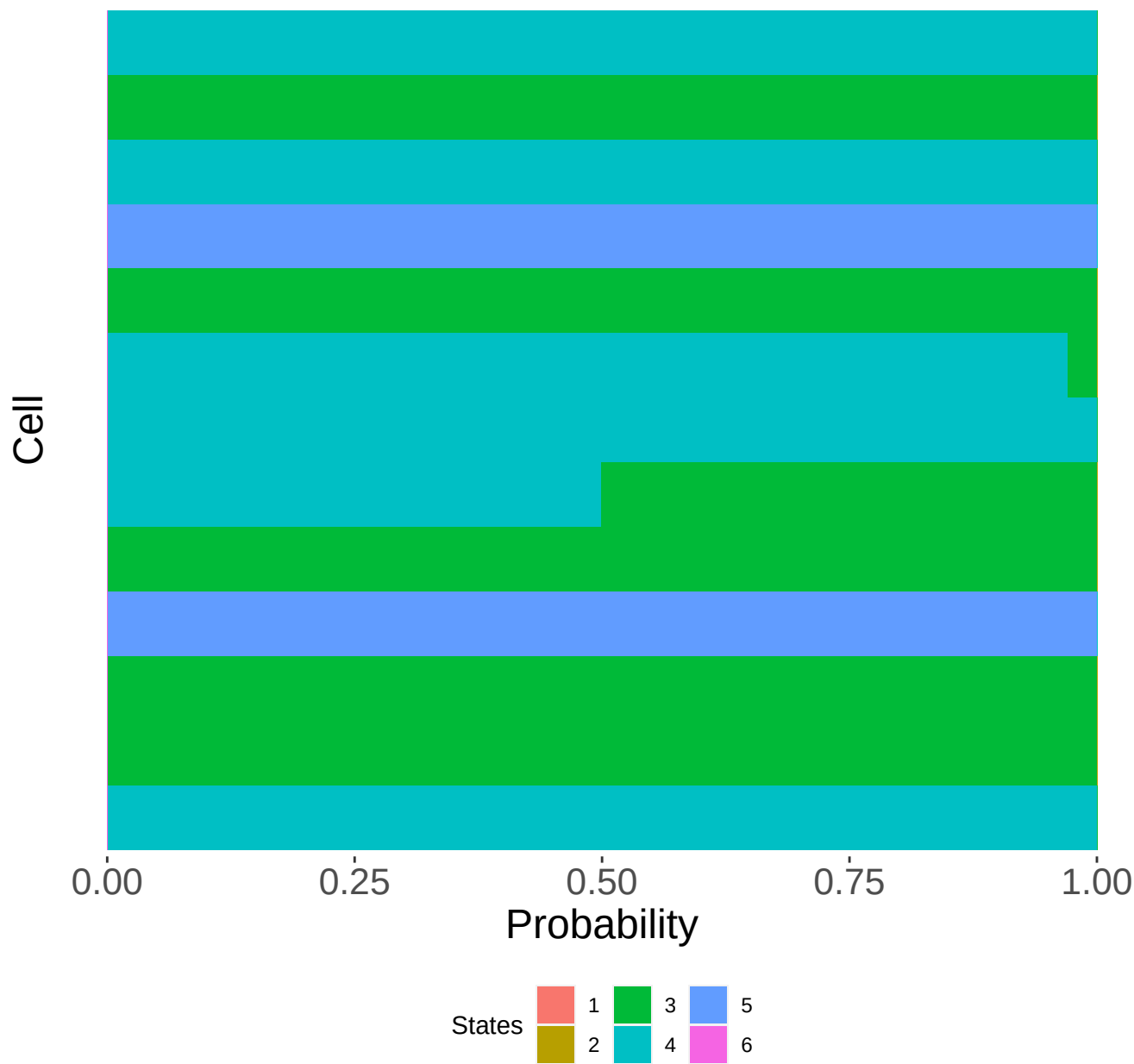
chr15-region_4677



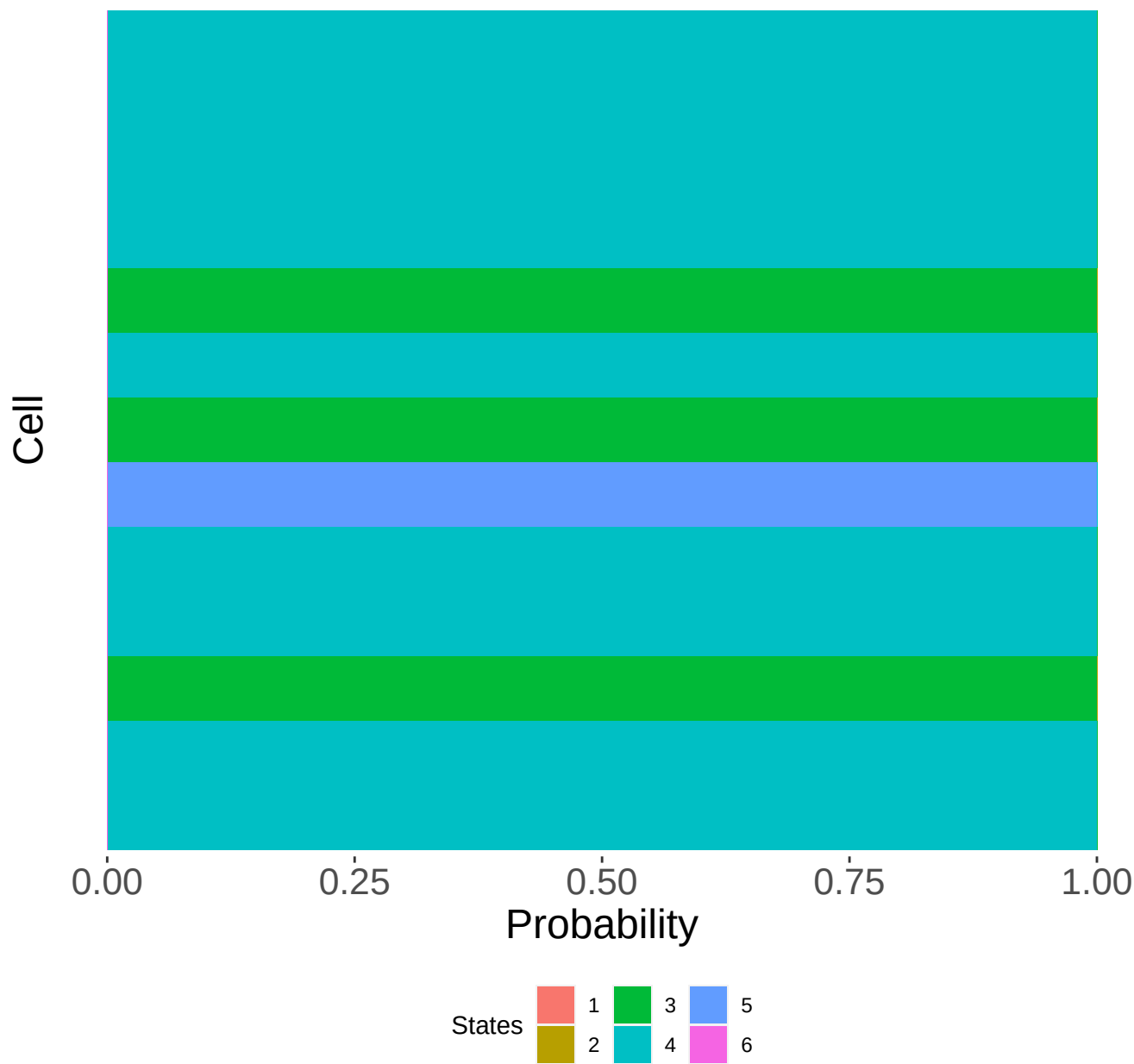
chr17-region_4681



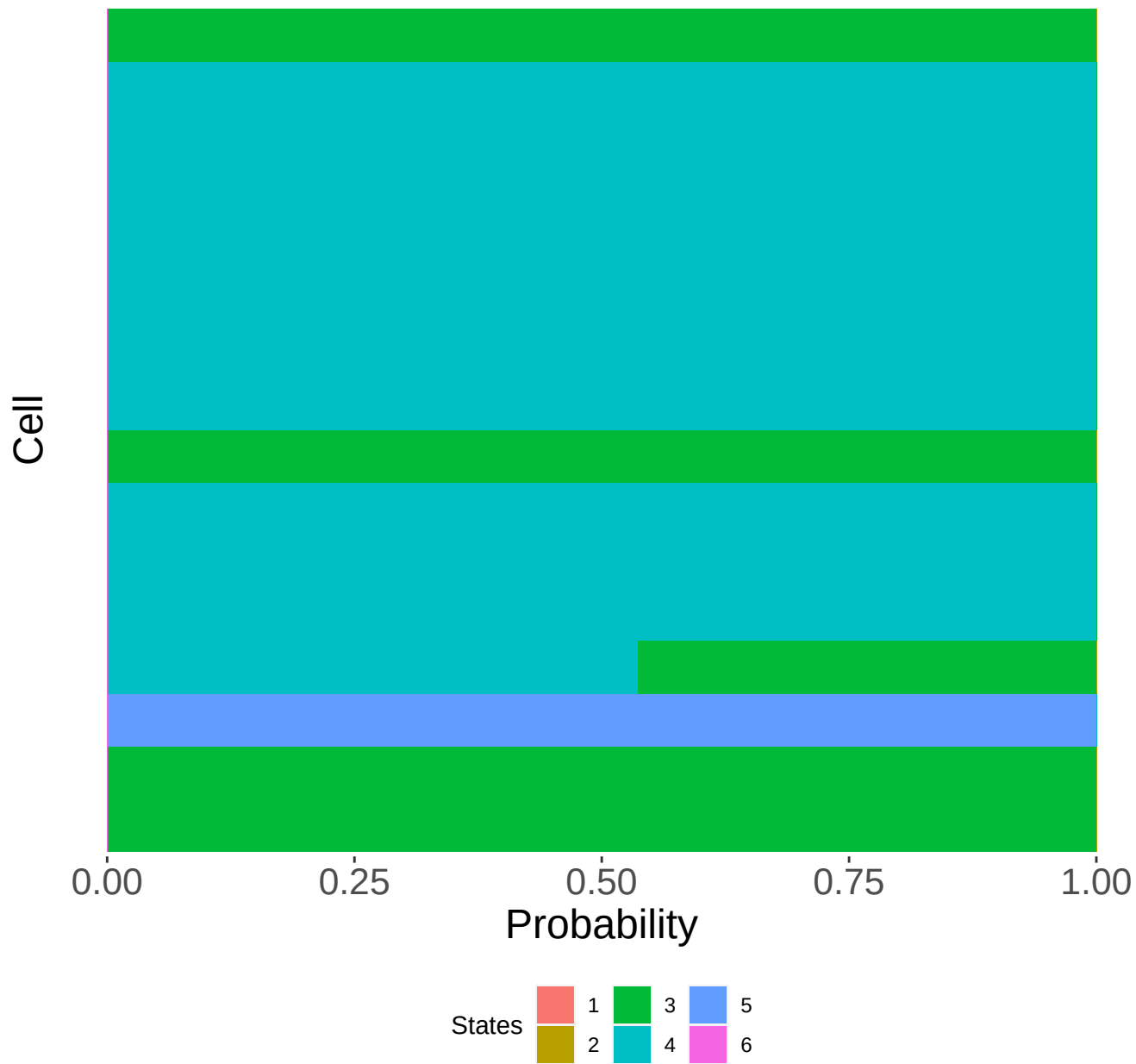
chr8-region_4693



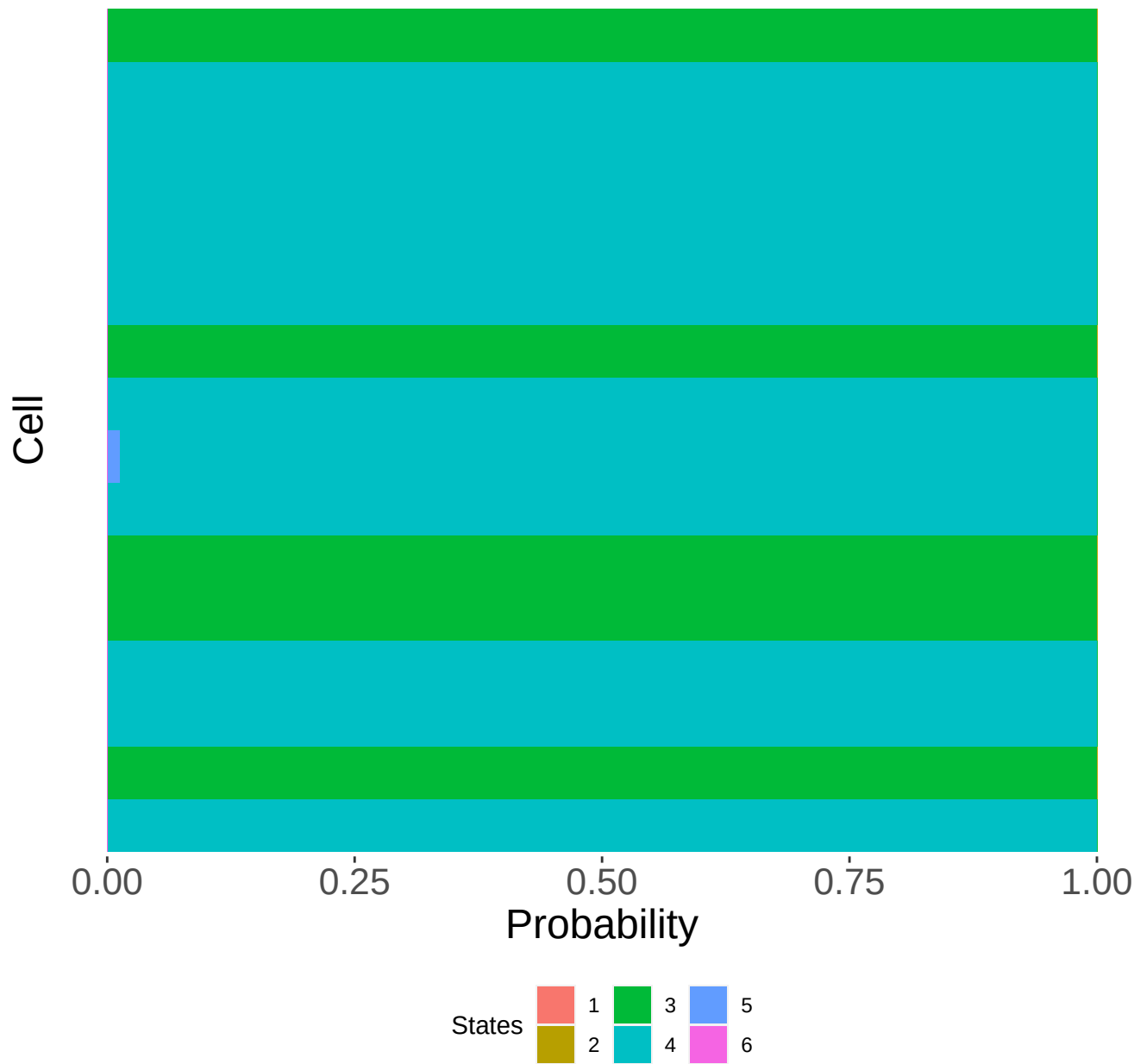
chr10-region_4697



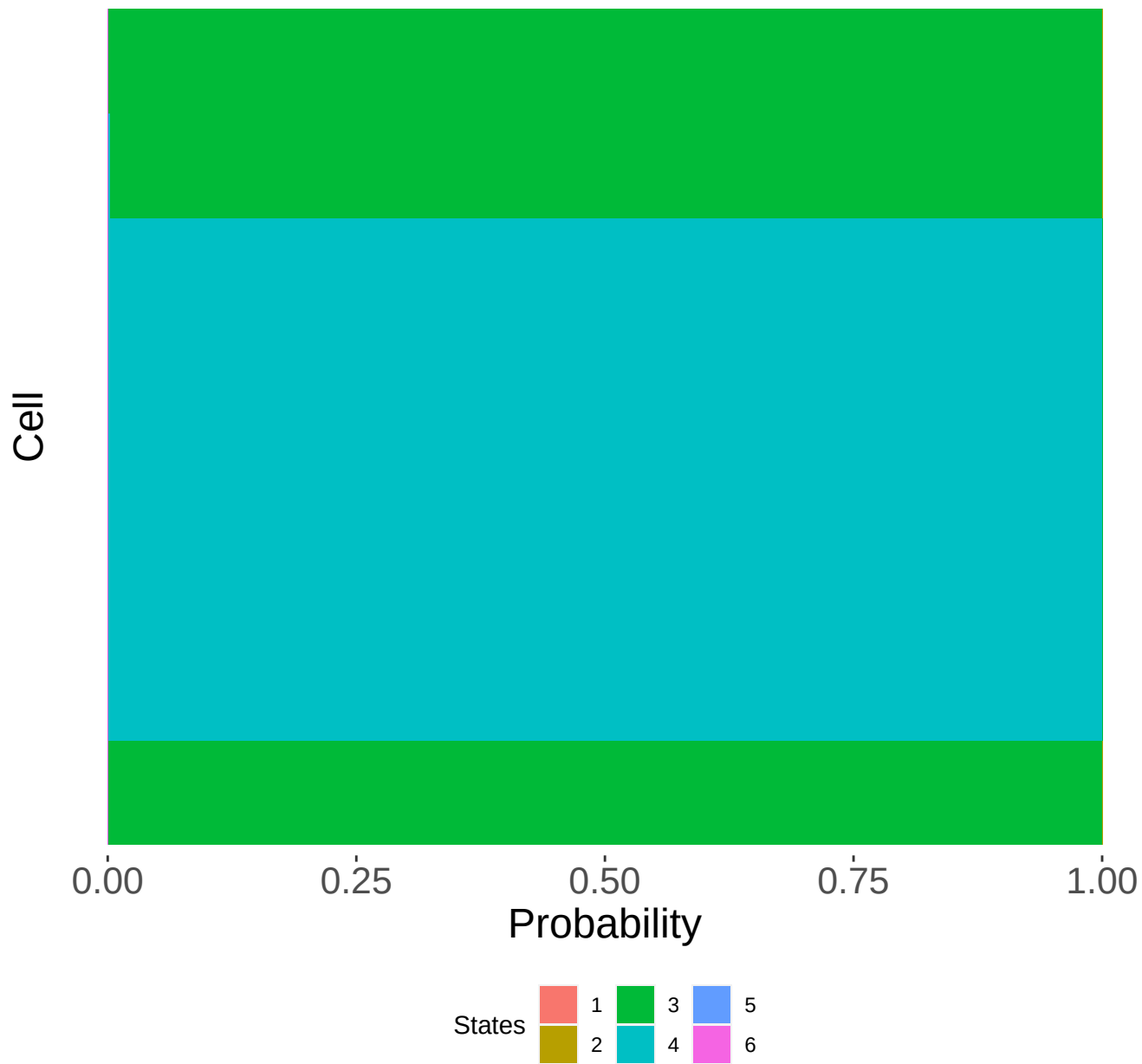
chr9-region_4715



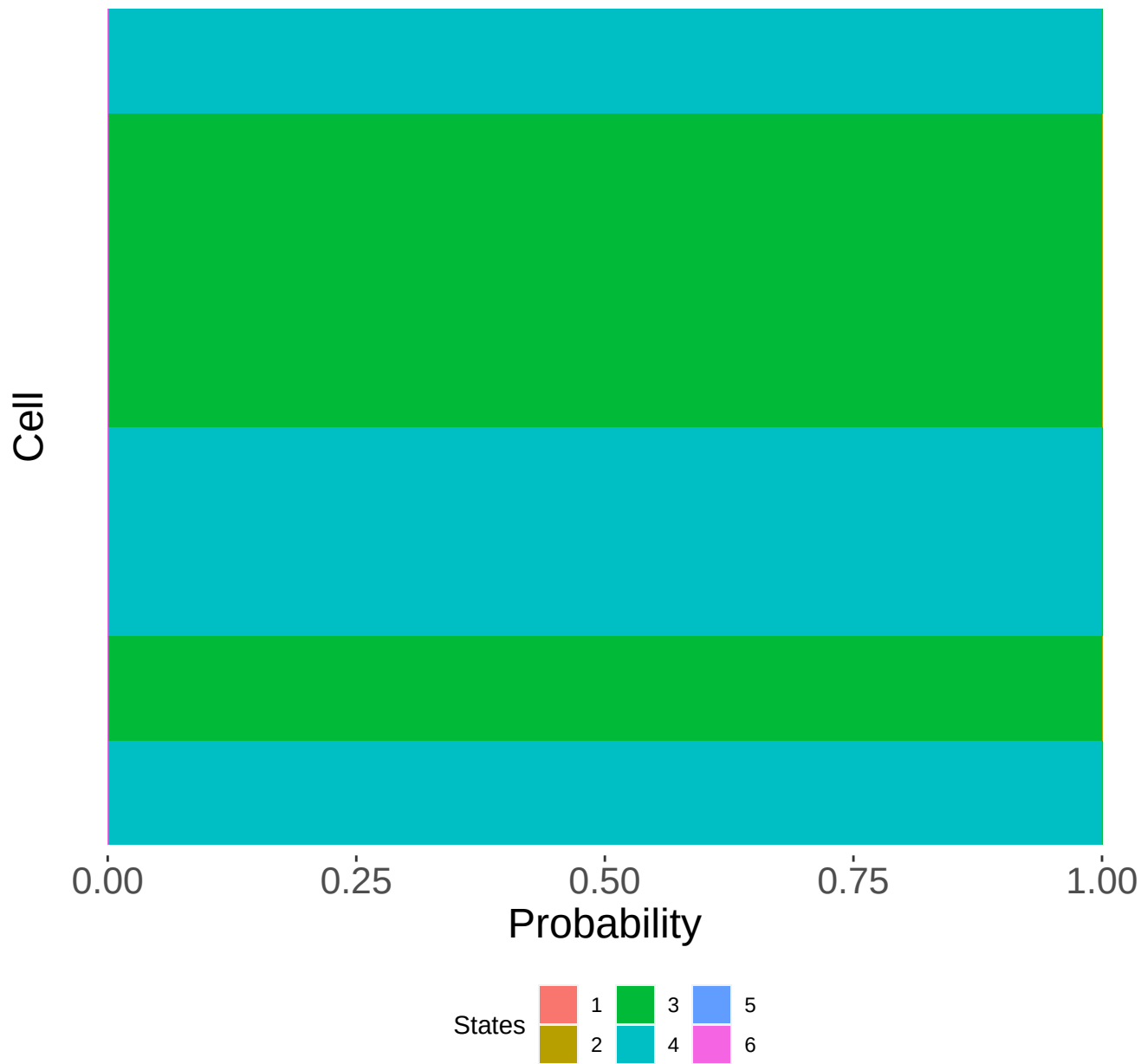
chr14-region_4722



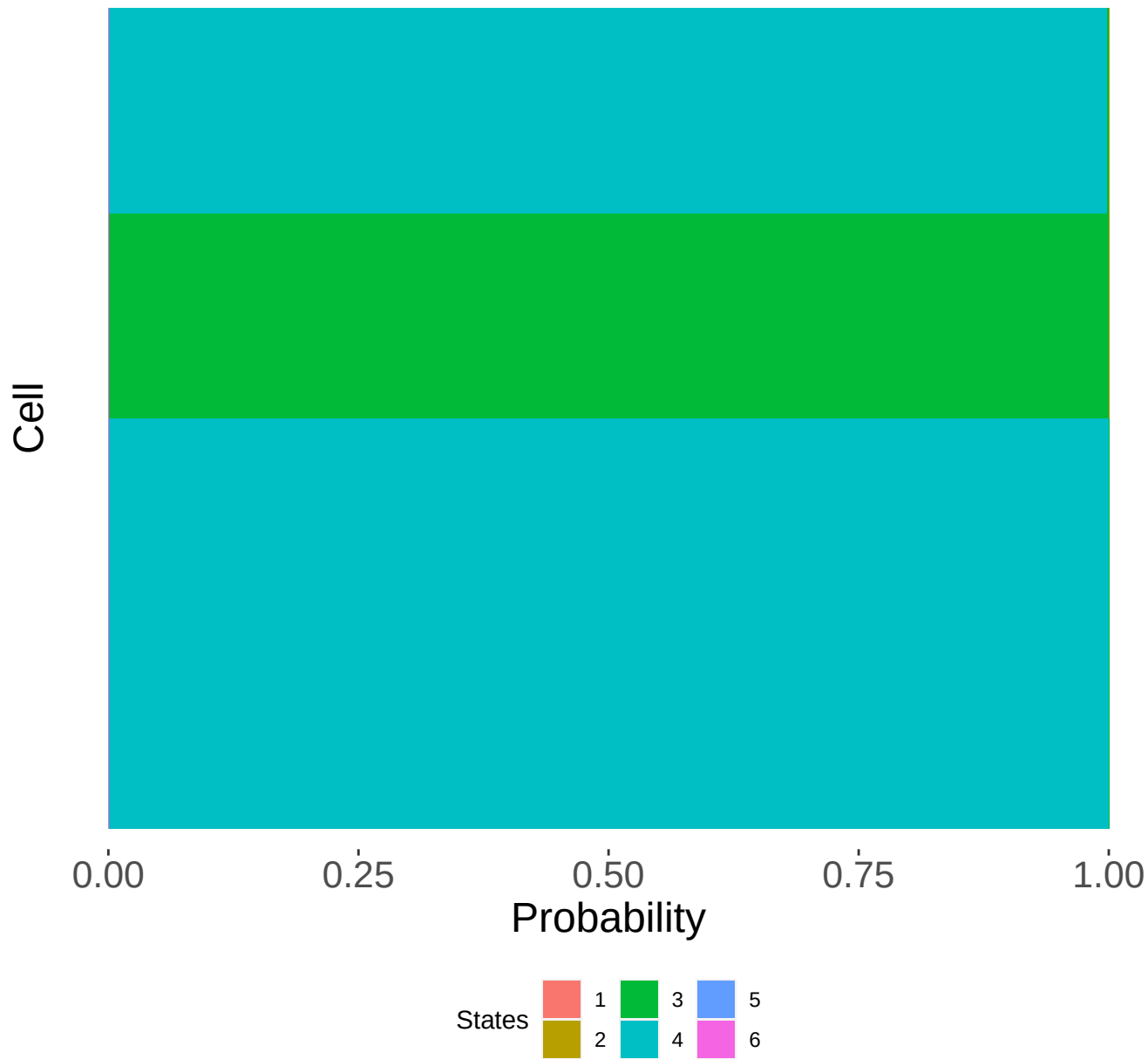
chr10-region_4739



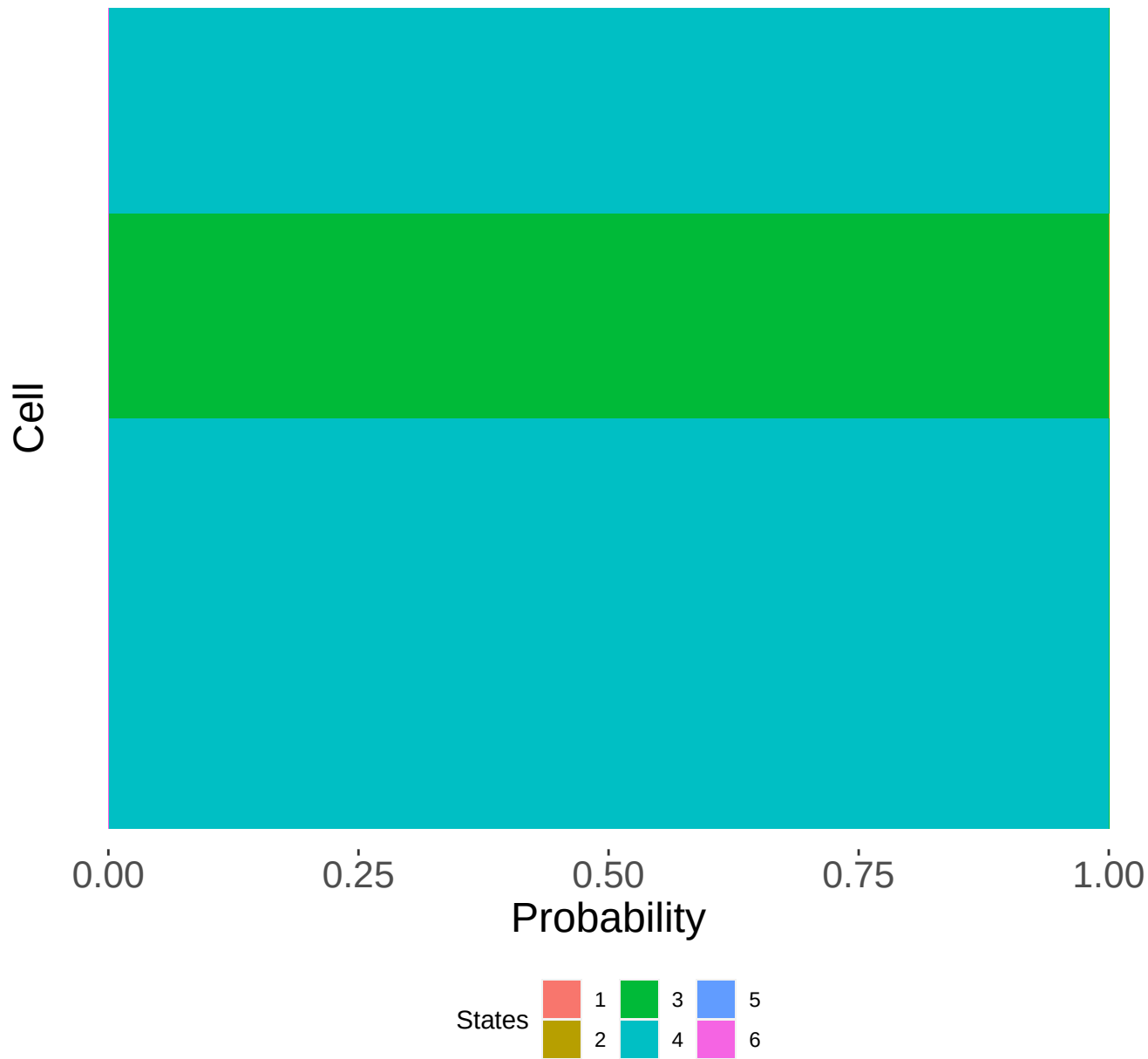
chr17-region_4747



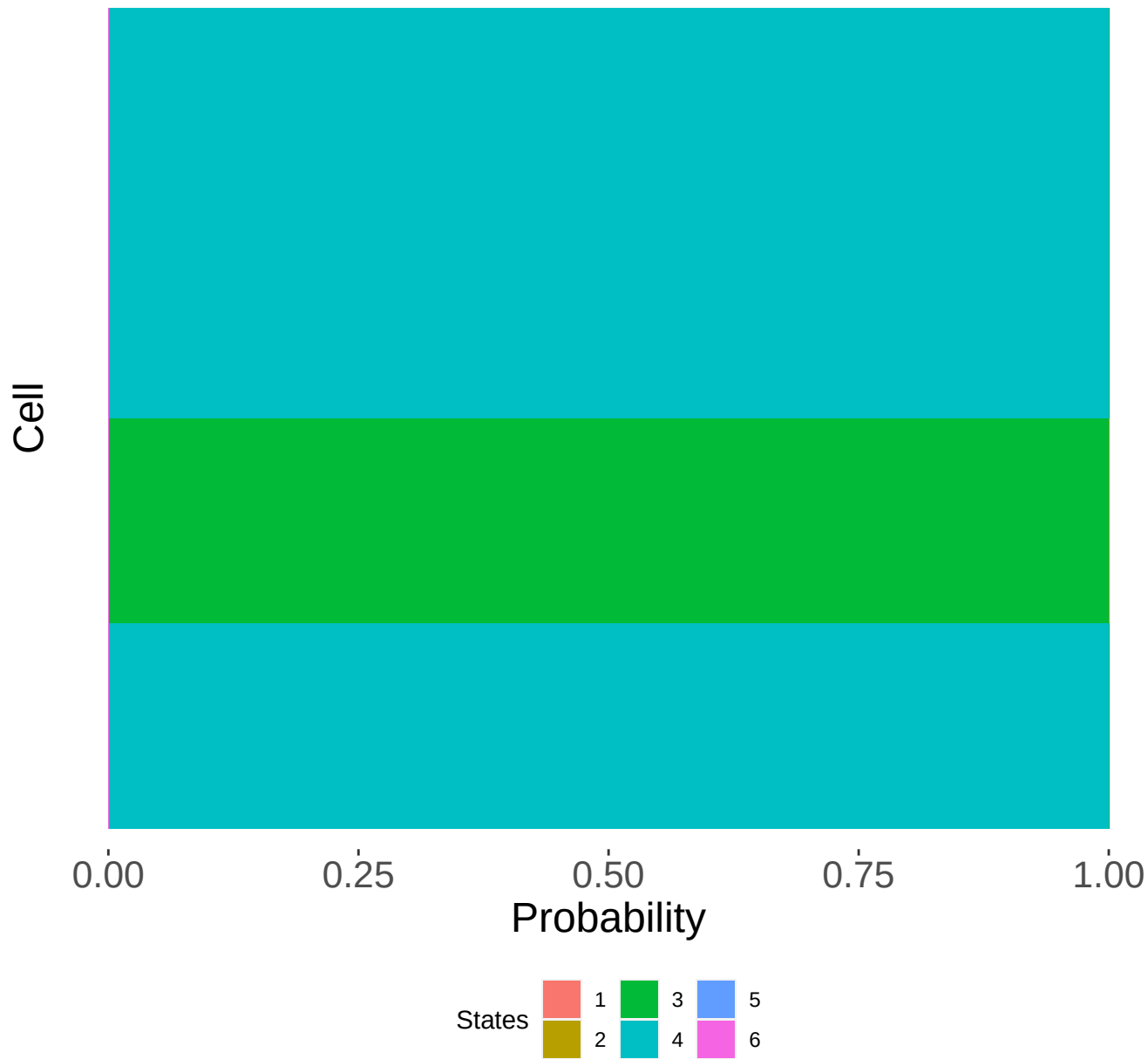
chr1-region_4752



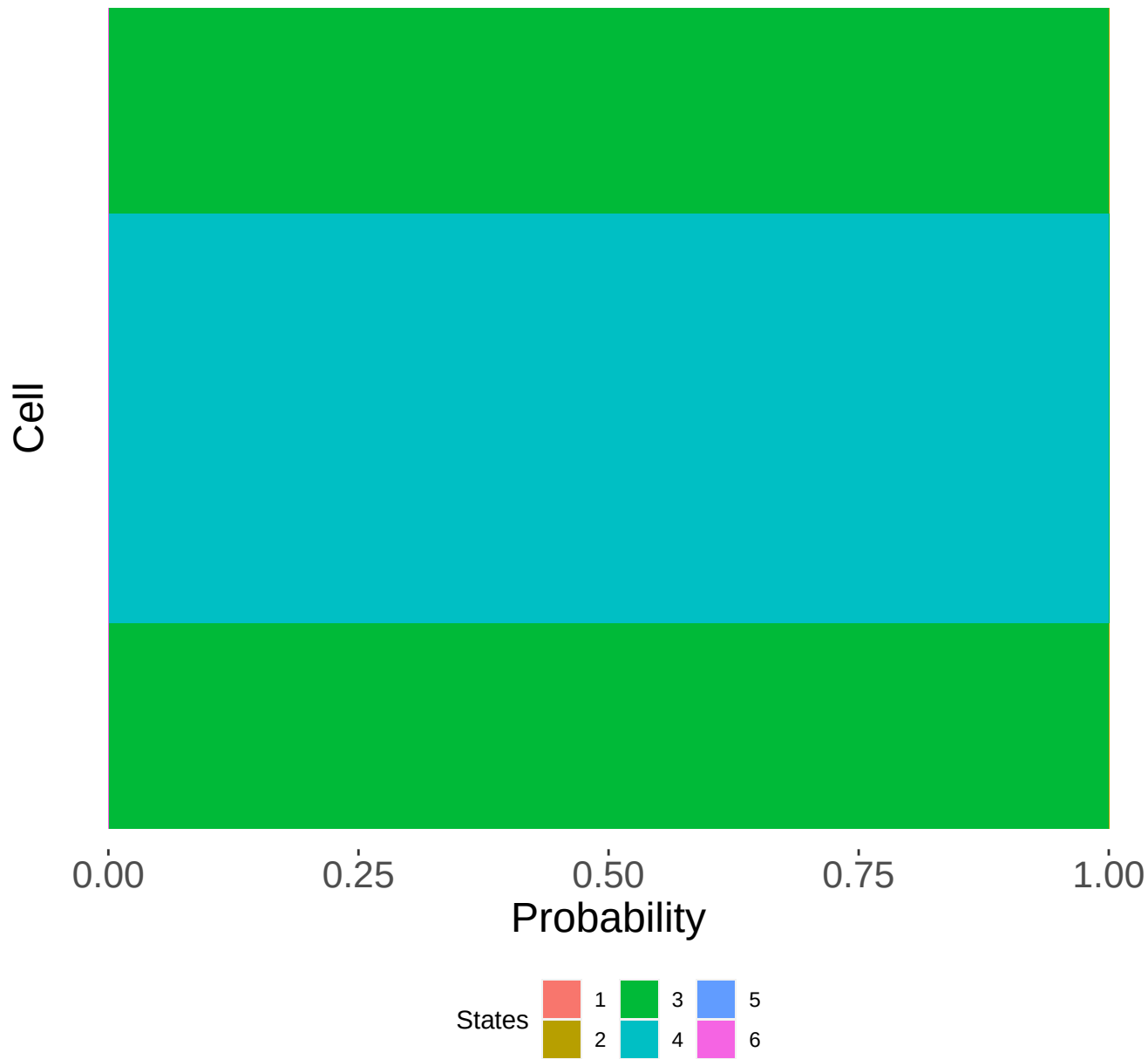
chr2-region_4755



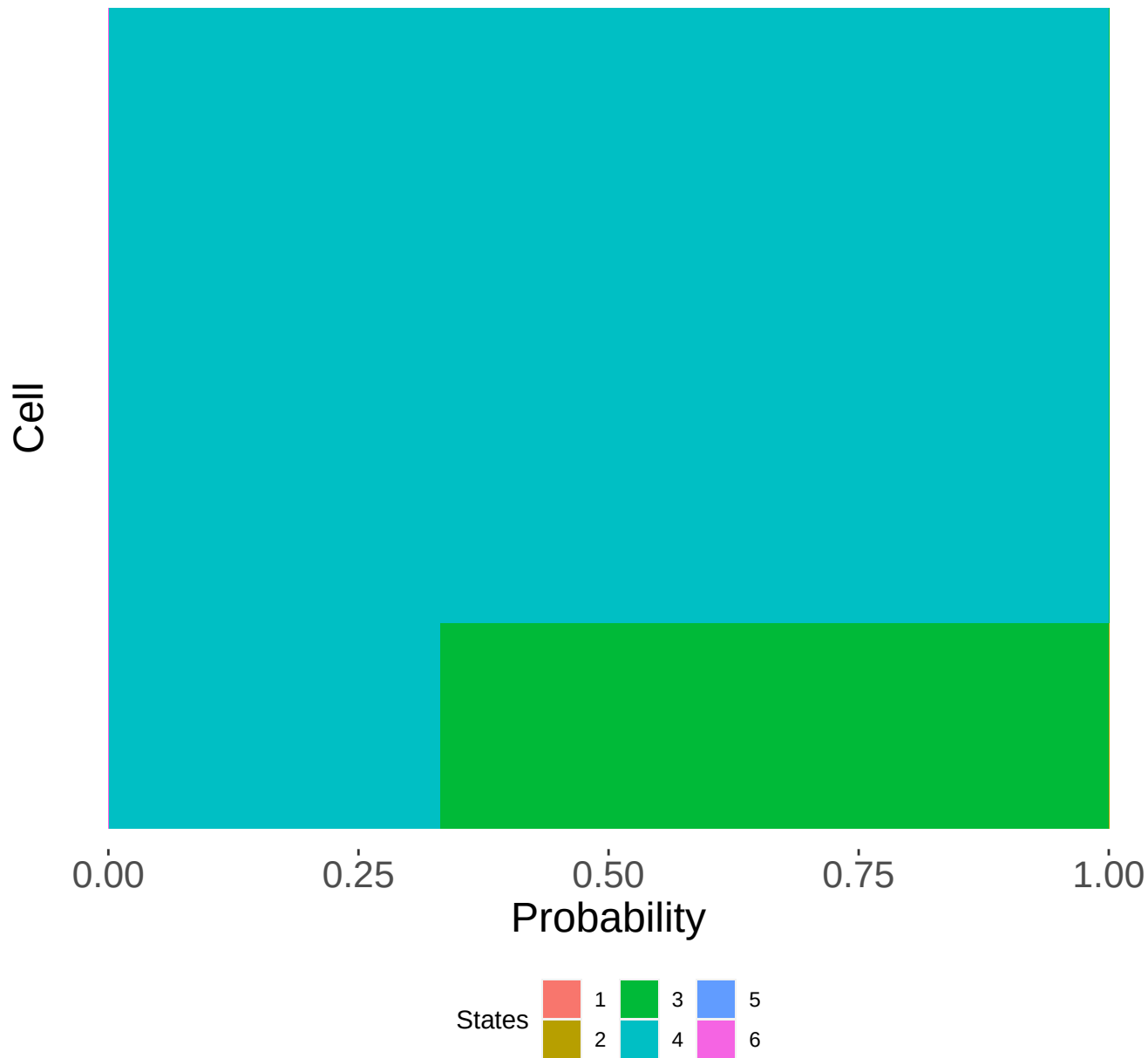
chr5-region_4760



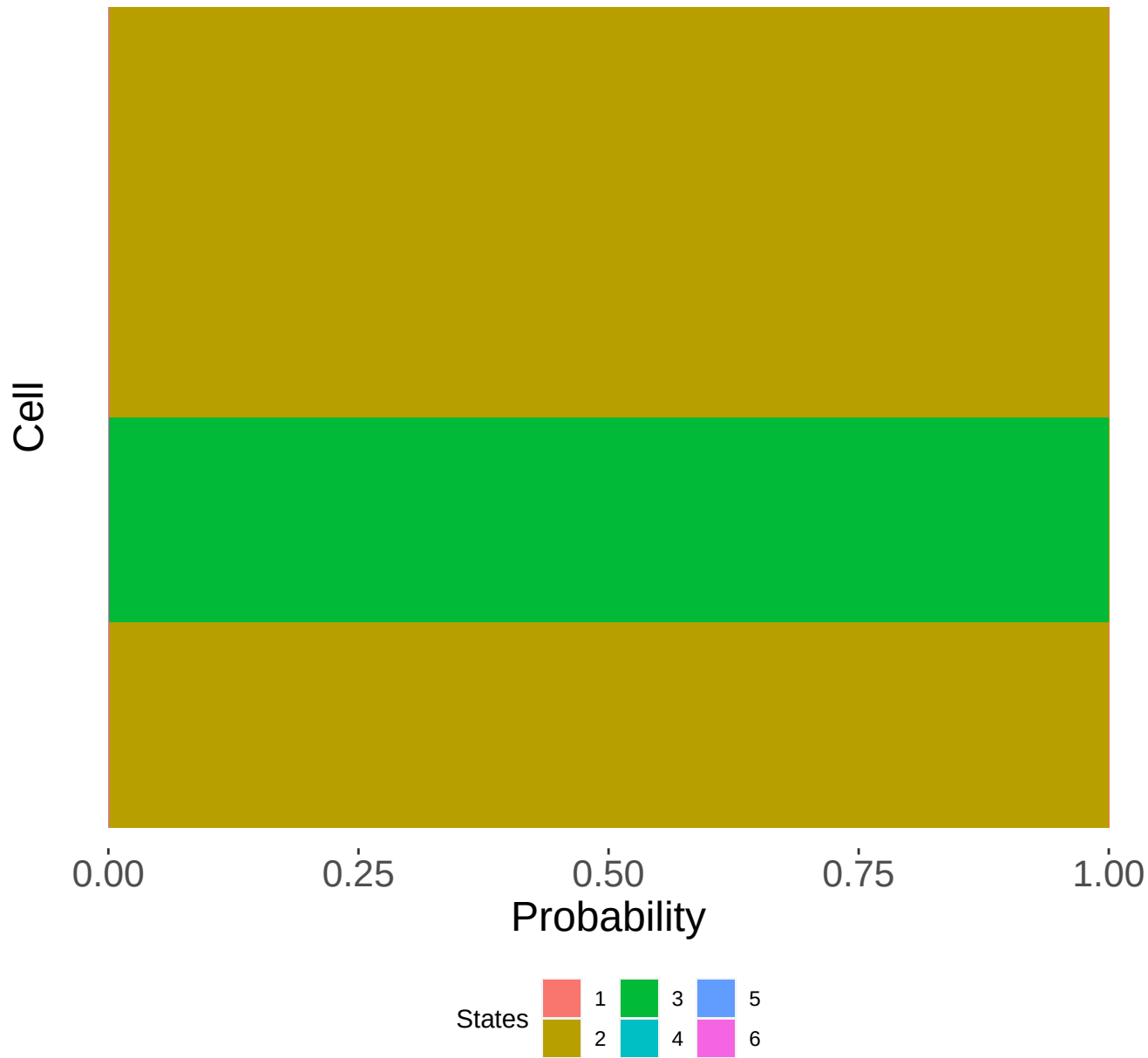
chr7-region_4764



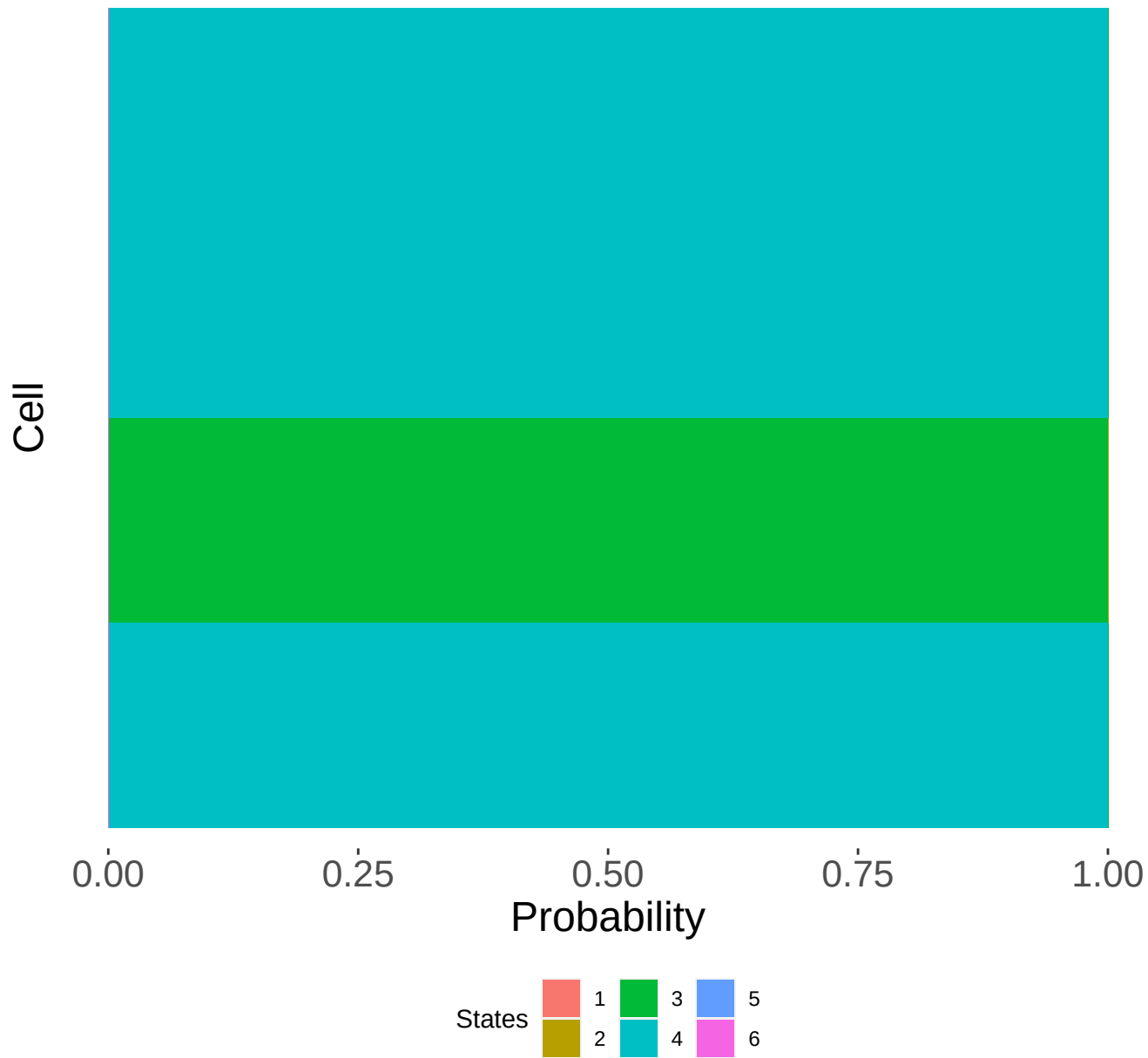
chr9-region_4767



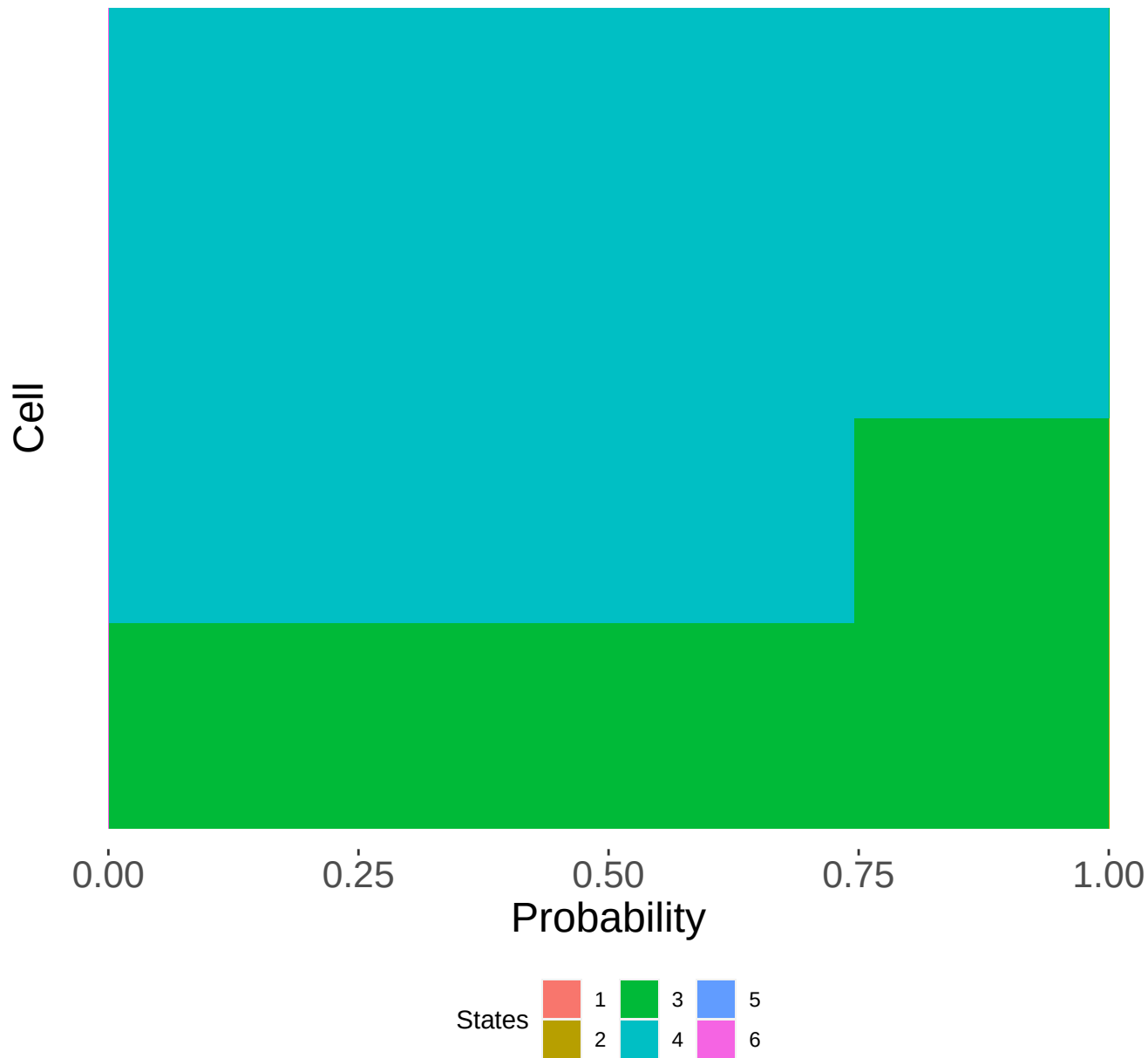
chr11-region_4771



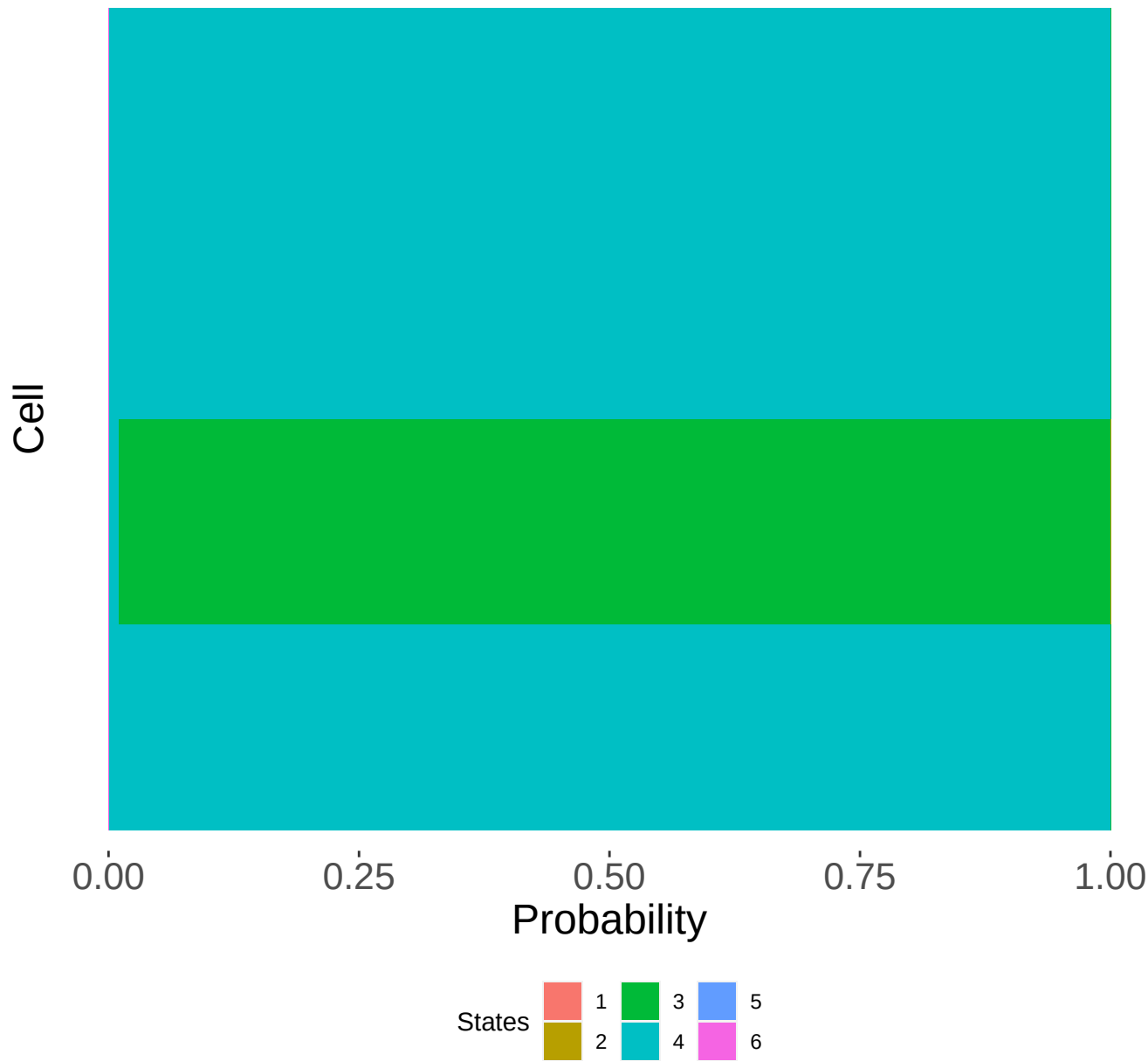
chr11-region_4773



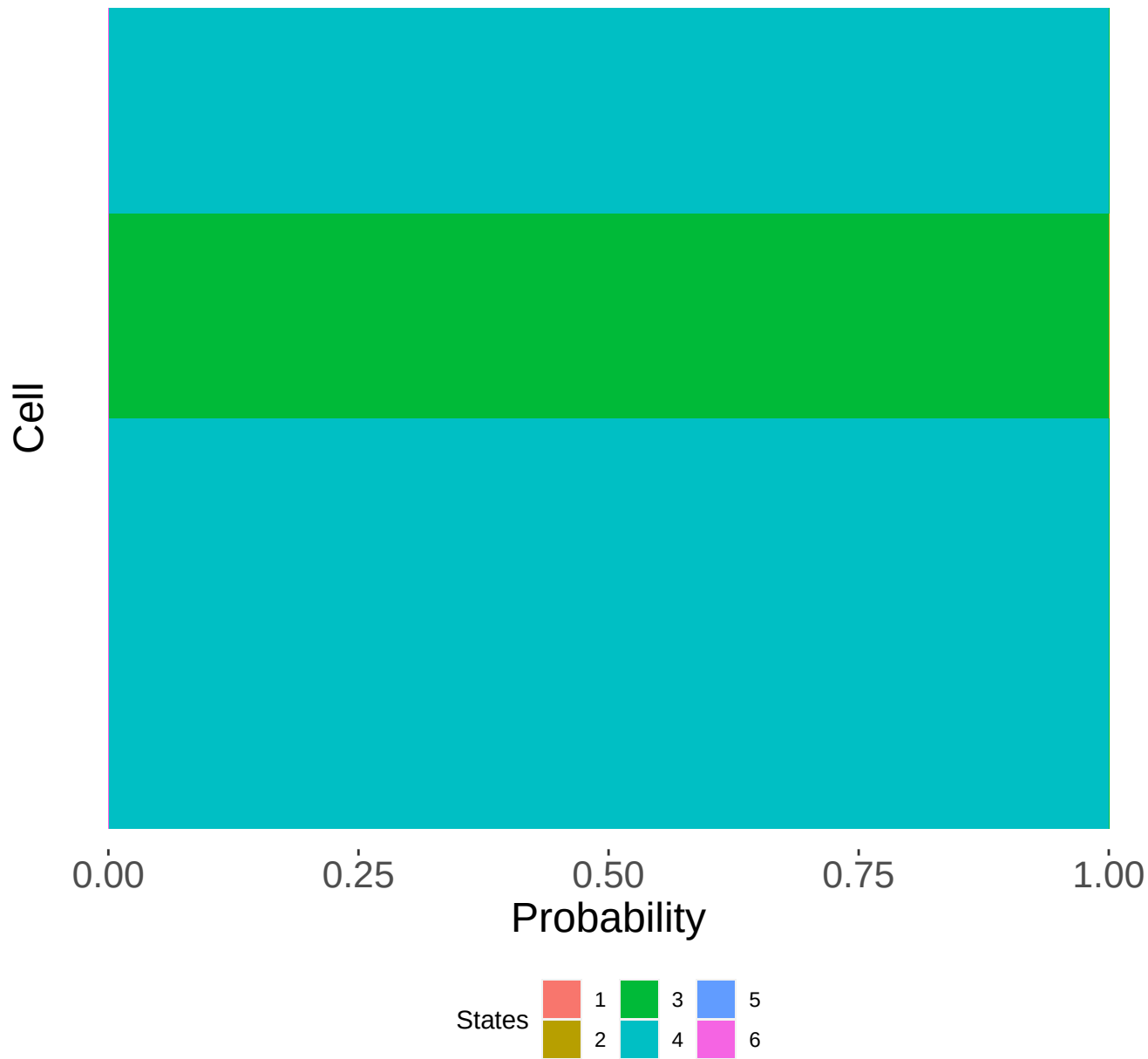
chr13-region_4777



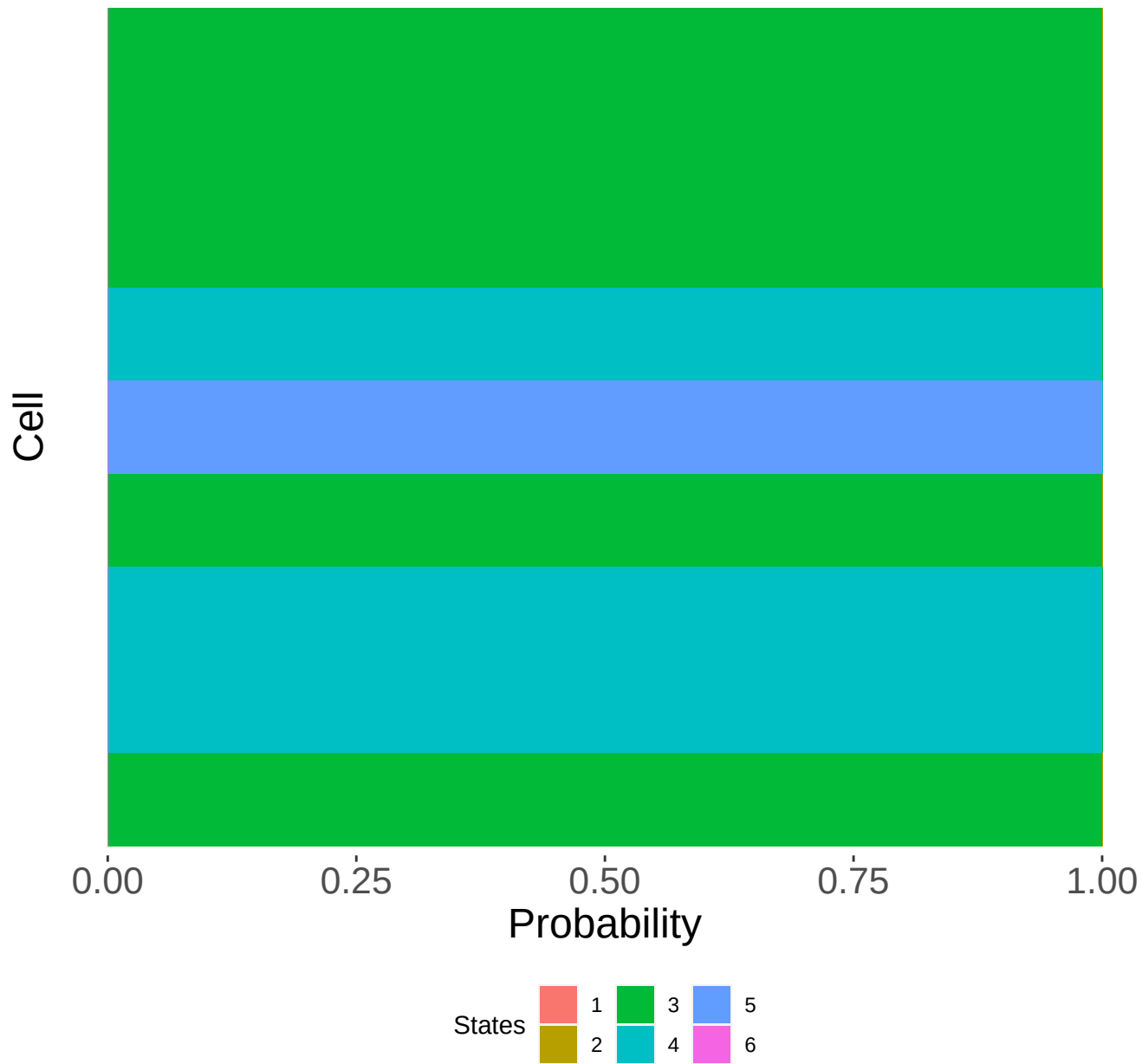
chr15-region_4781



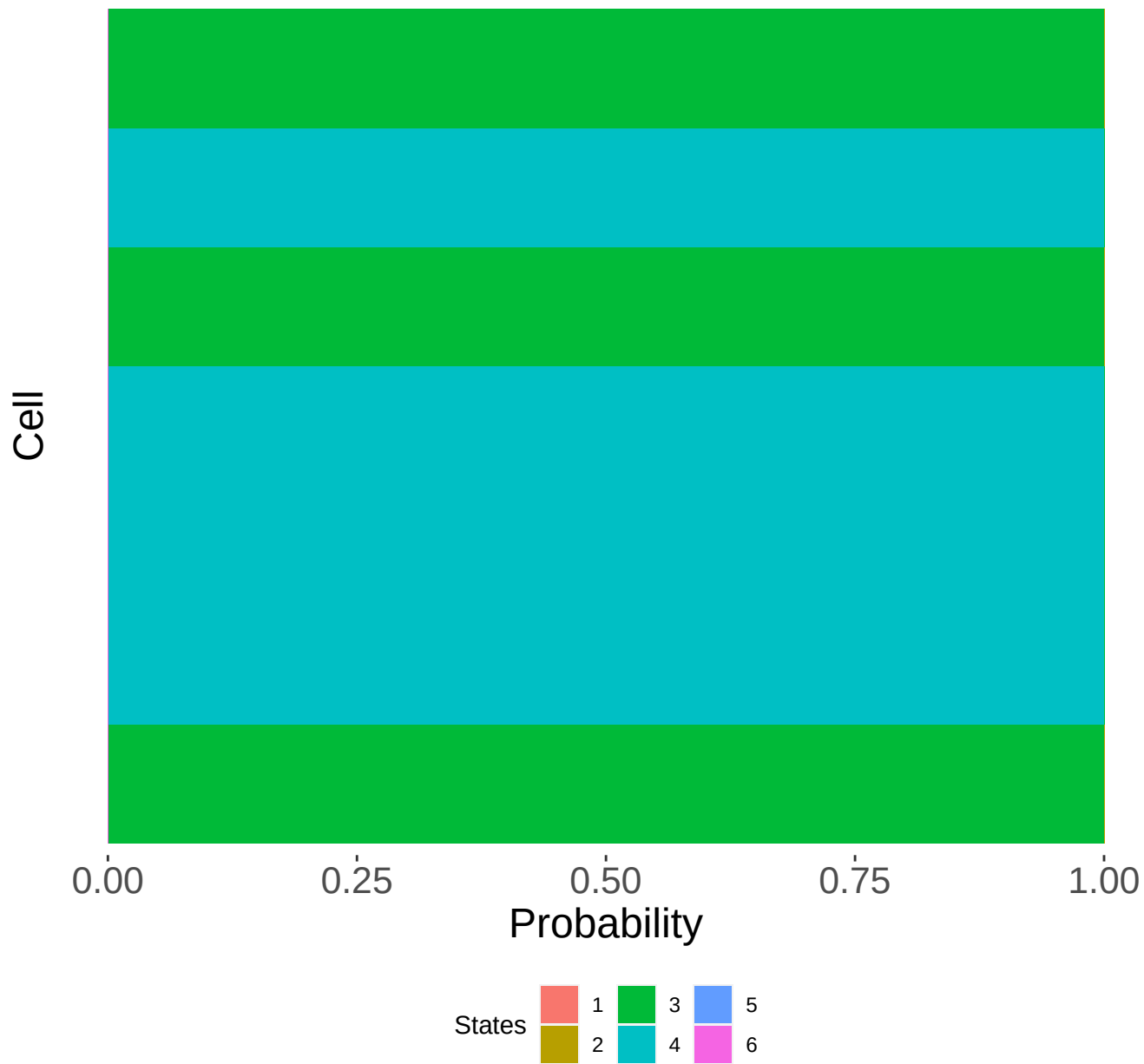
chr17-region_4784



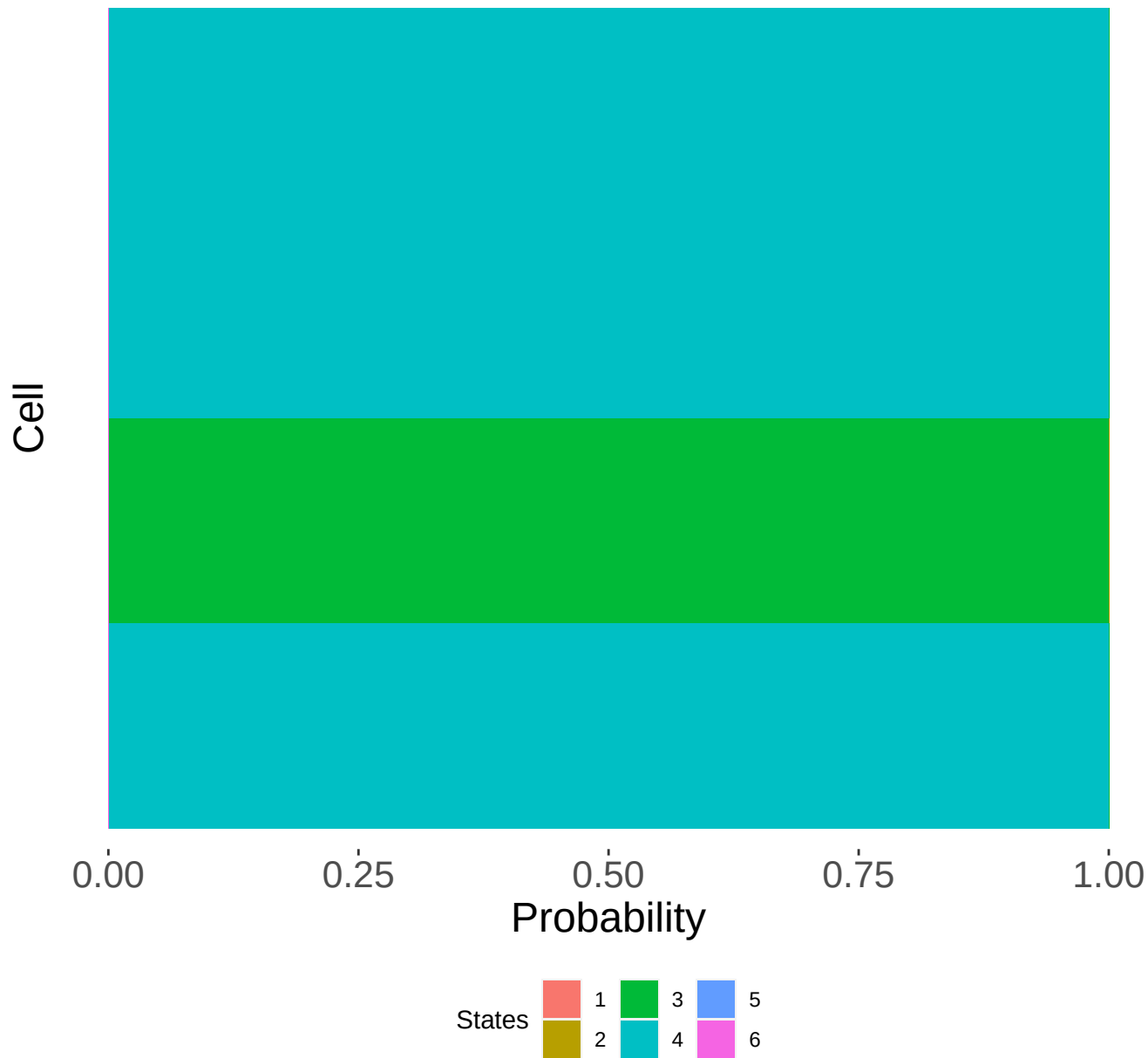
chr1-region_4788



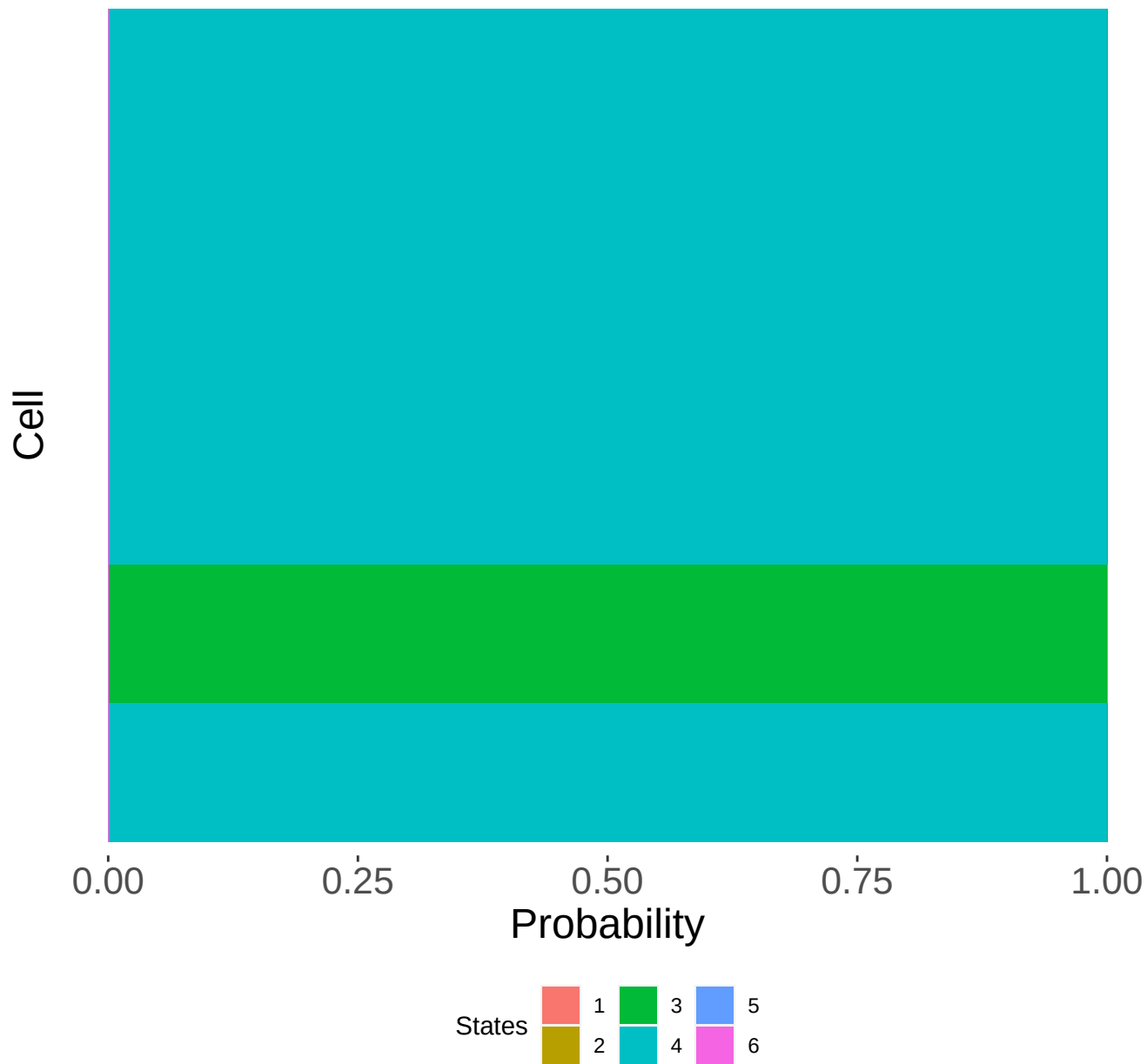
chr13-region_4840



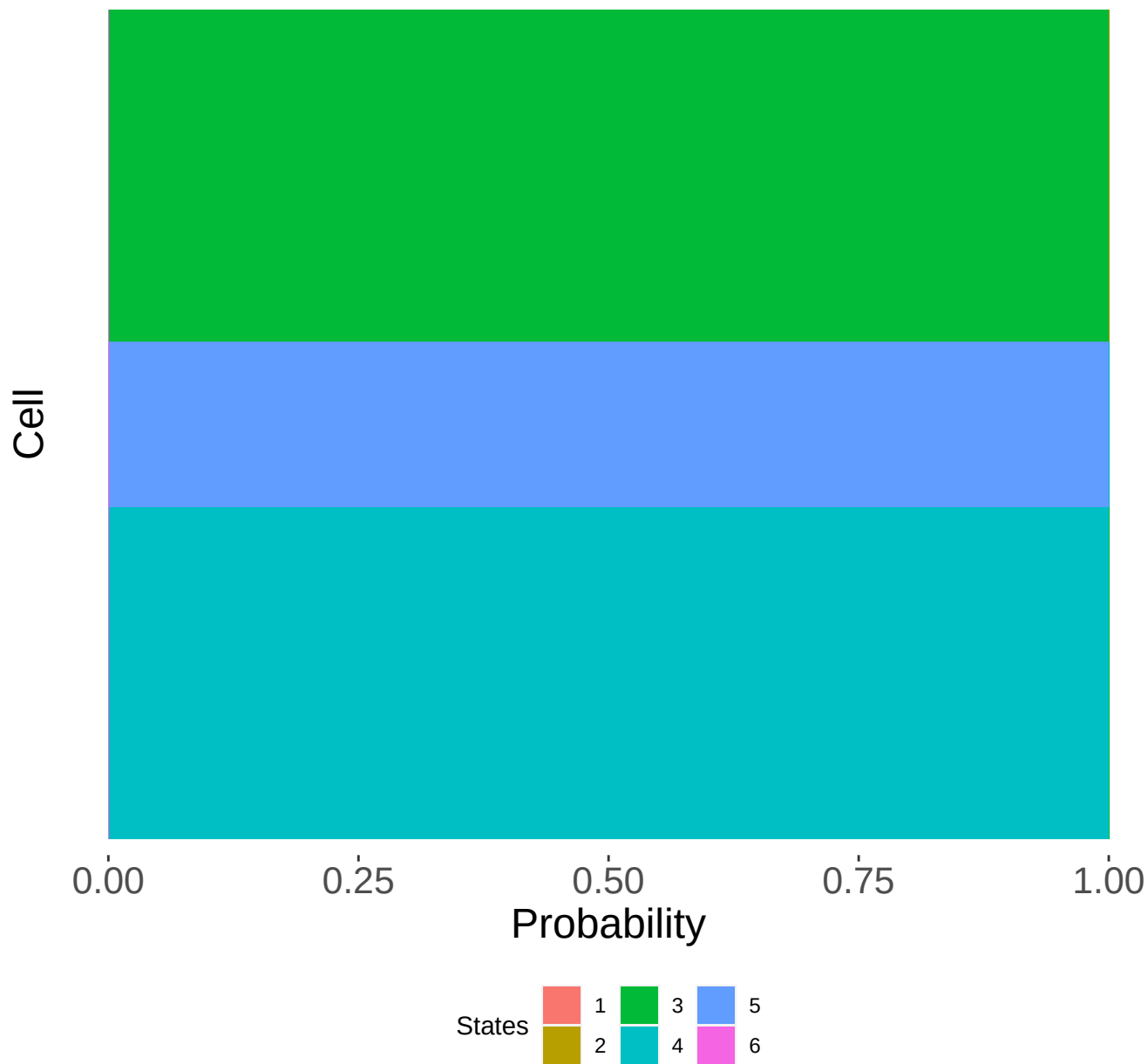
chr17-region_4865



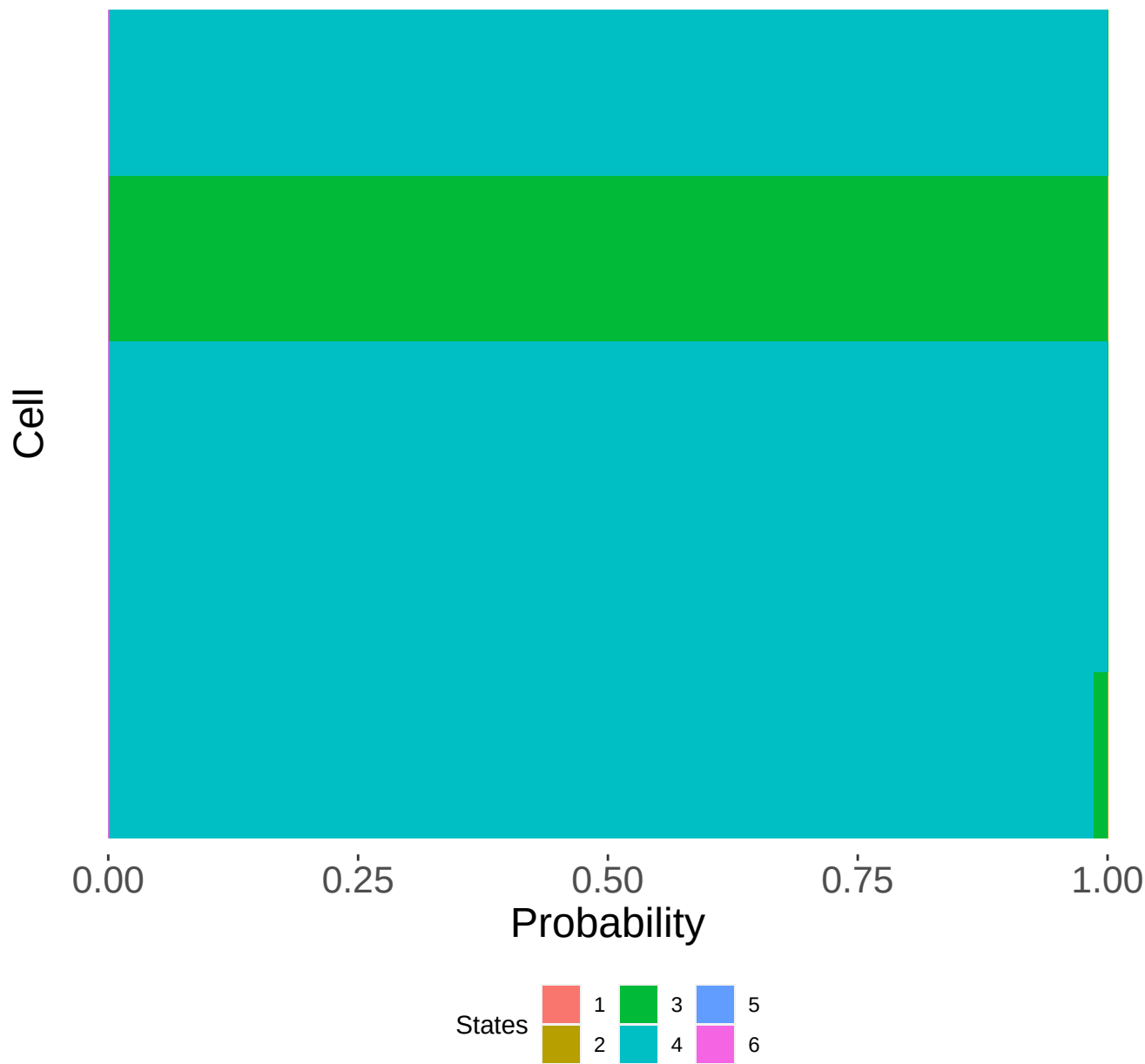
chr9-region_4876



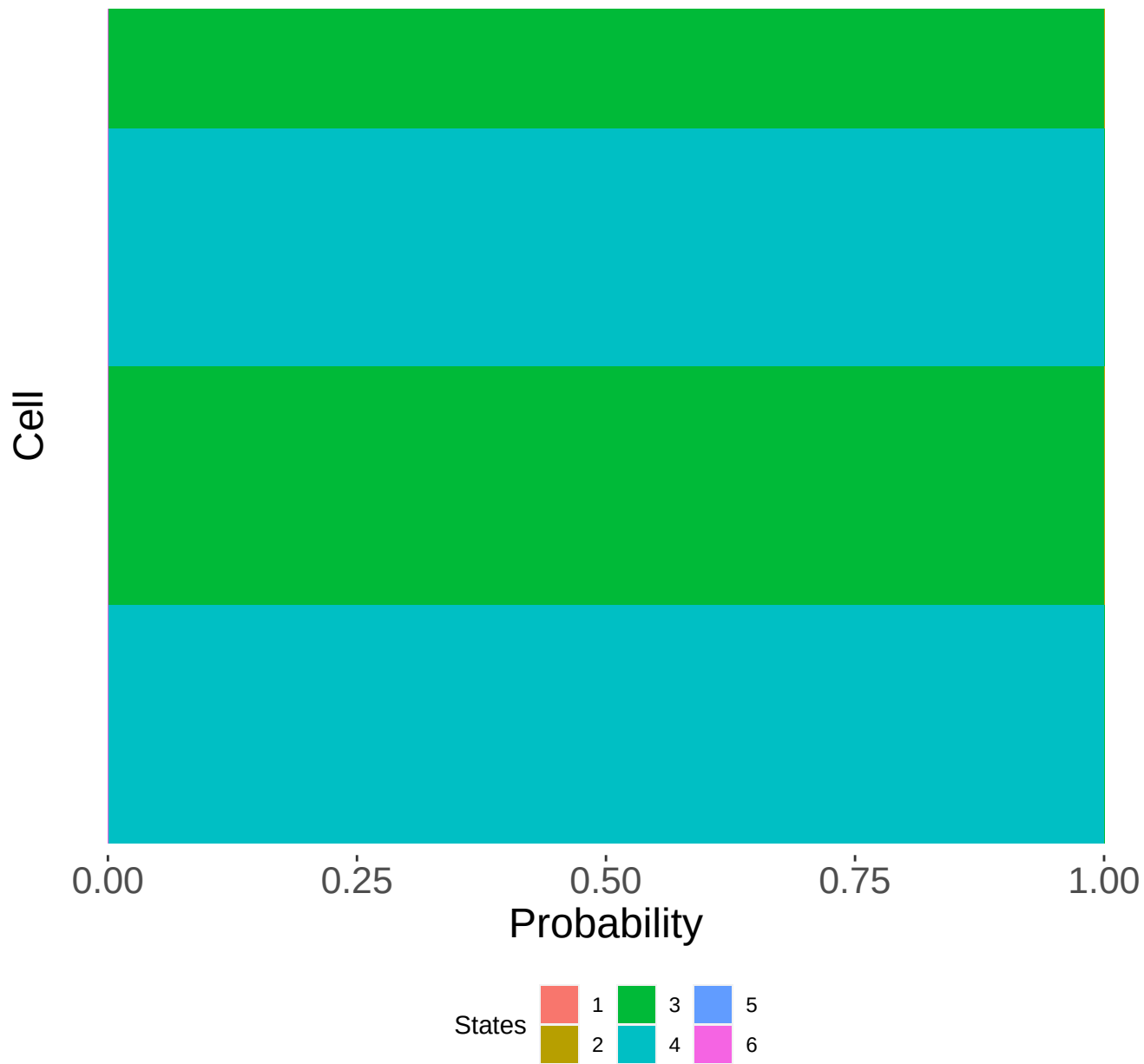
chr3-region_4891



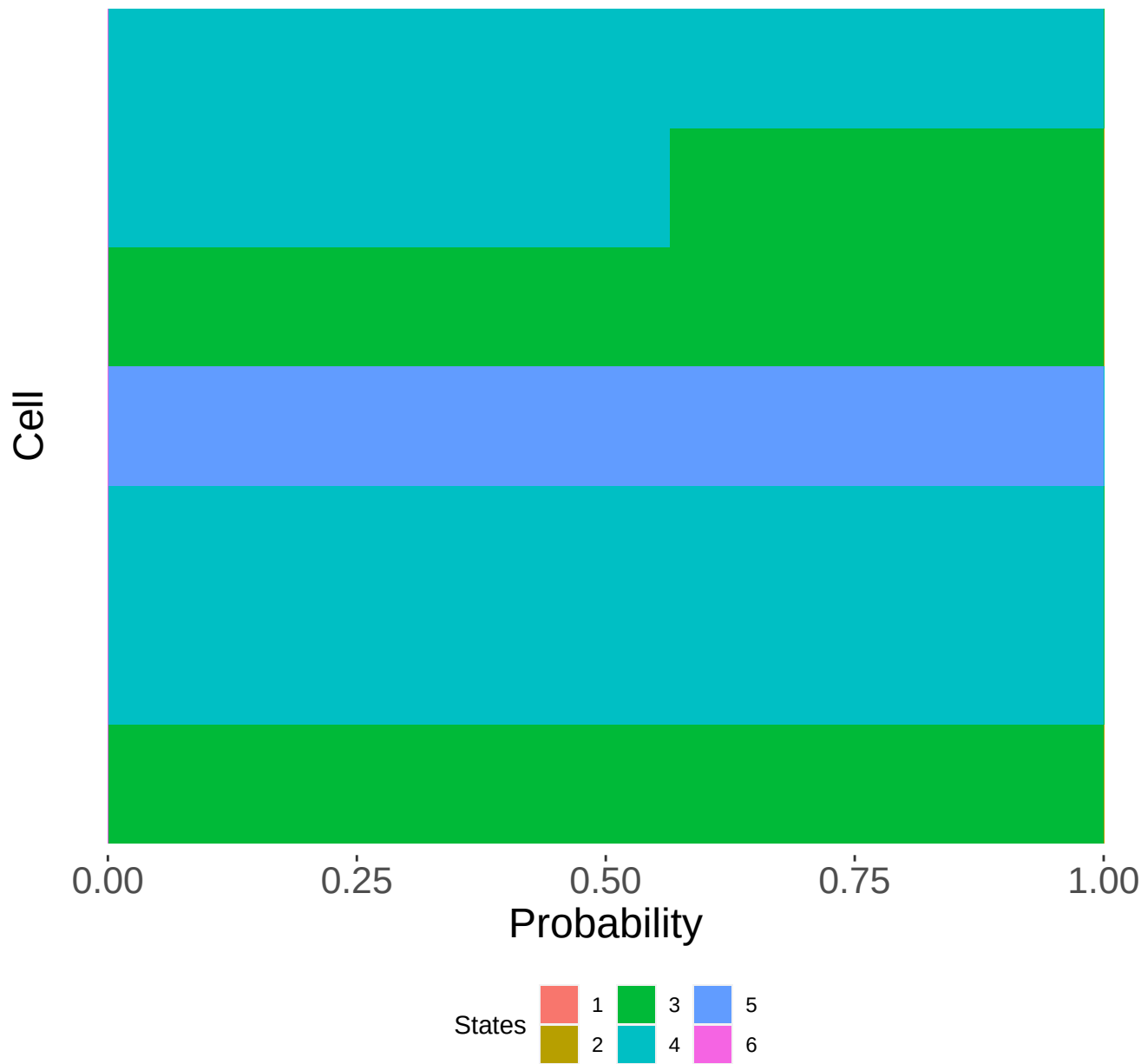
chr9-region_4899



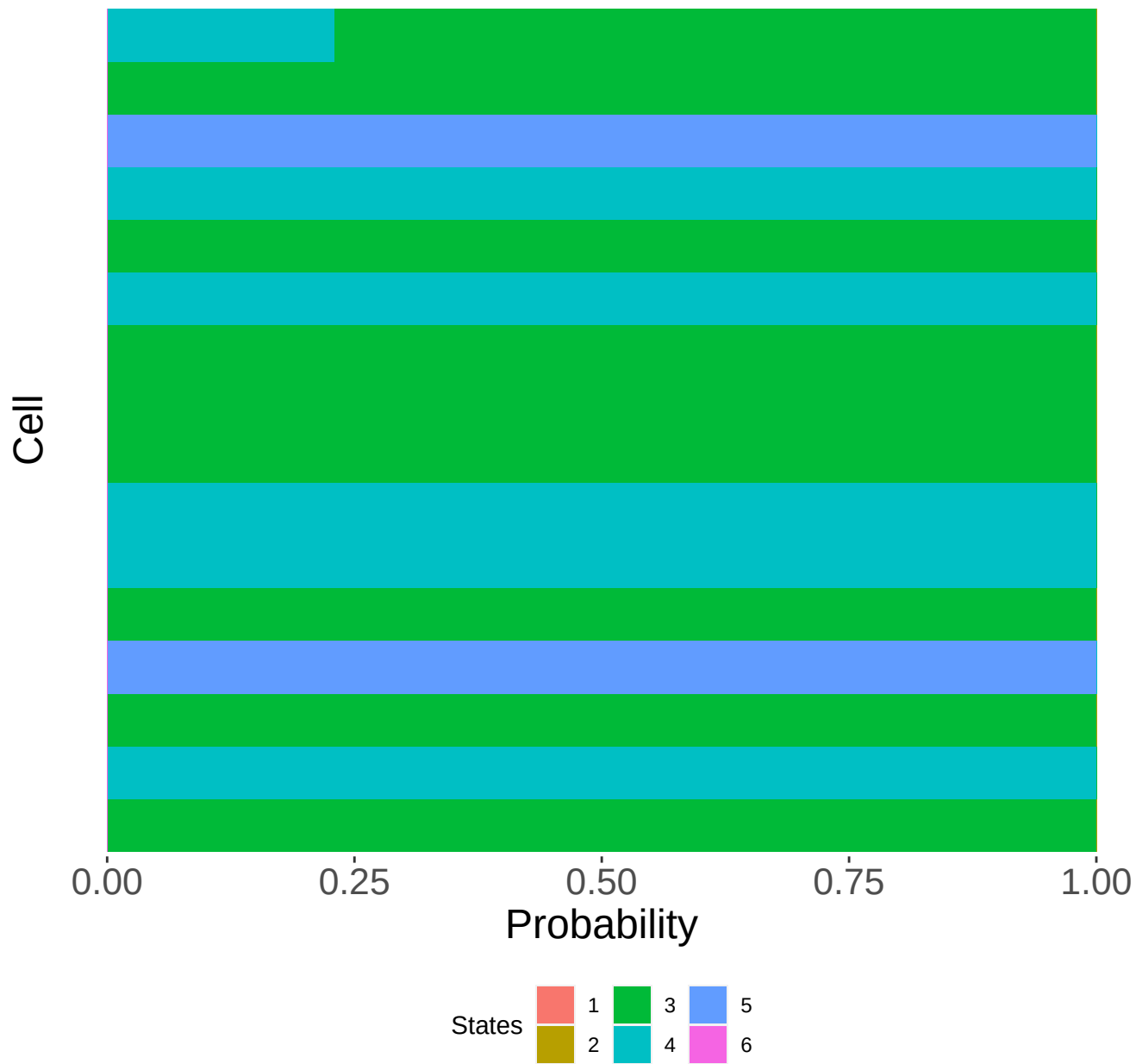
chr9-region_4919



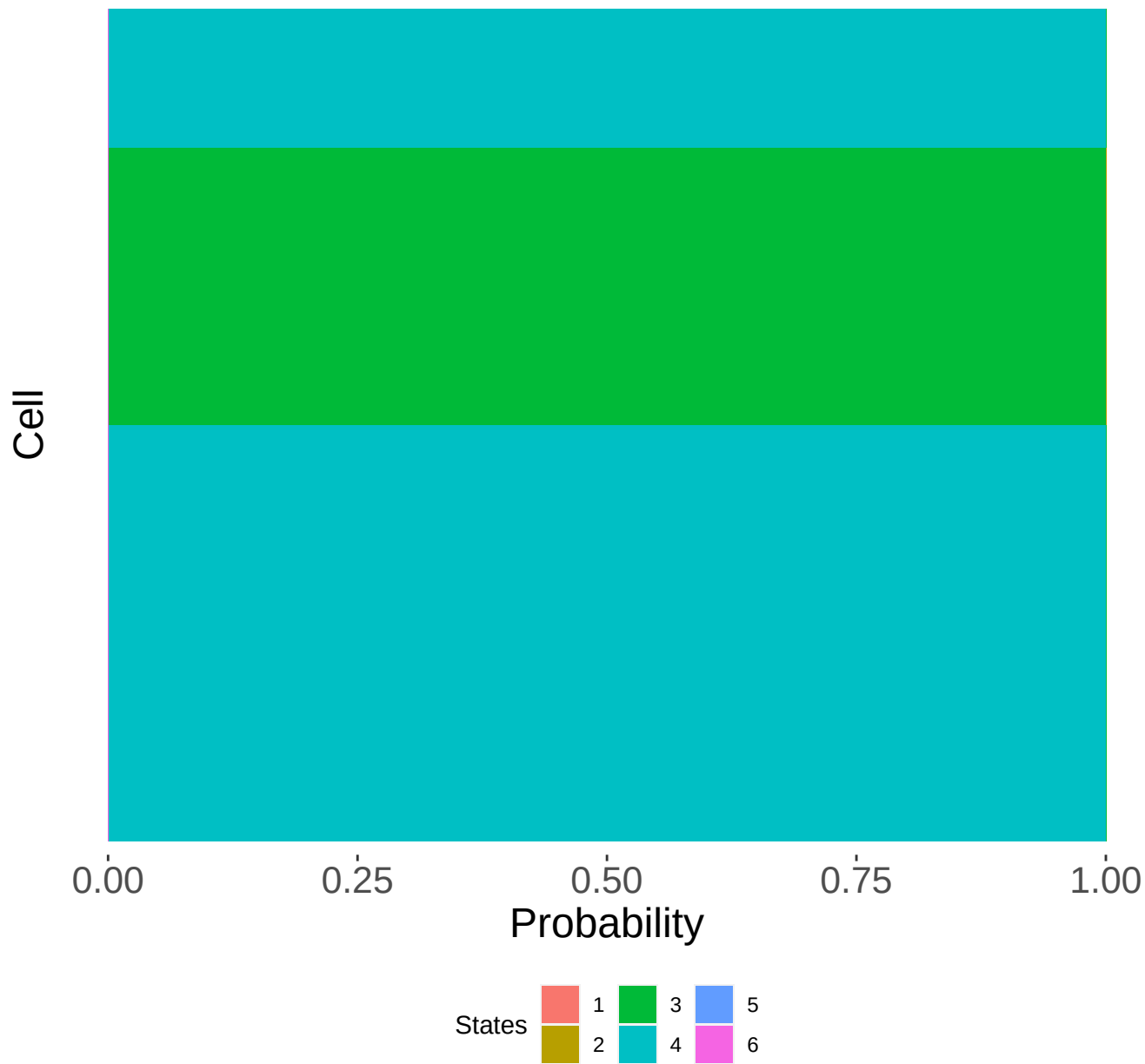
chr10-region_4921



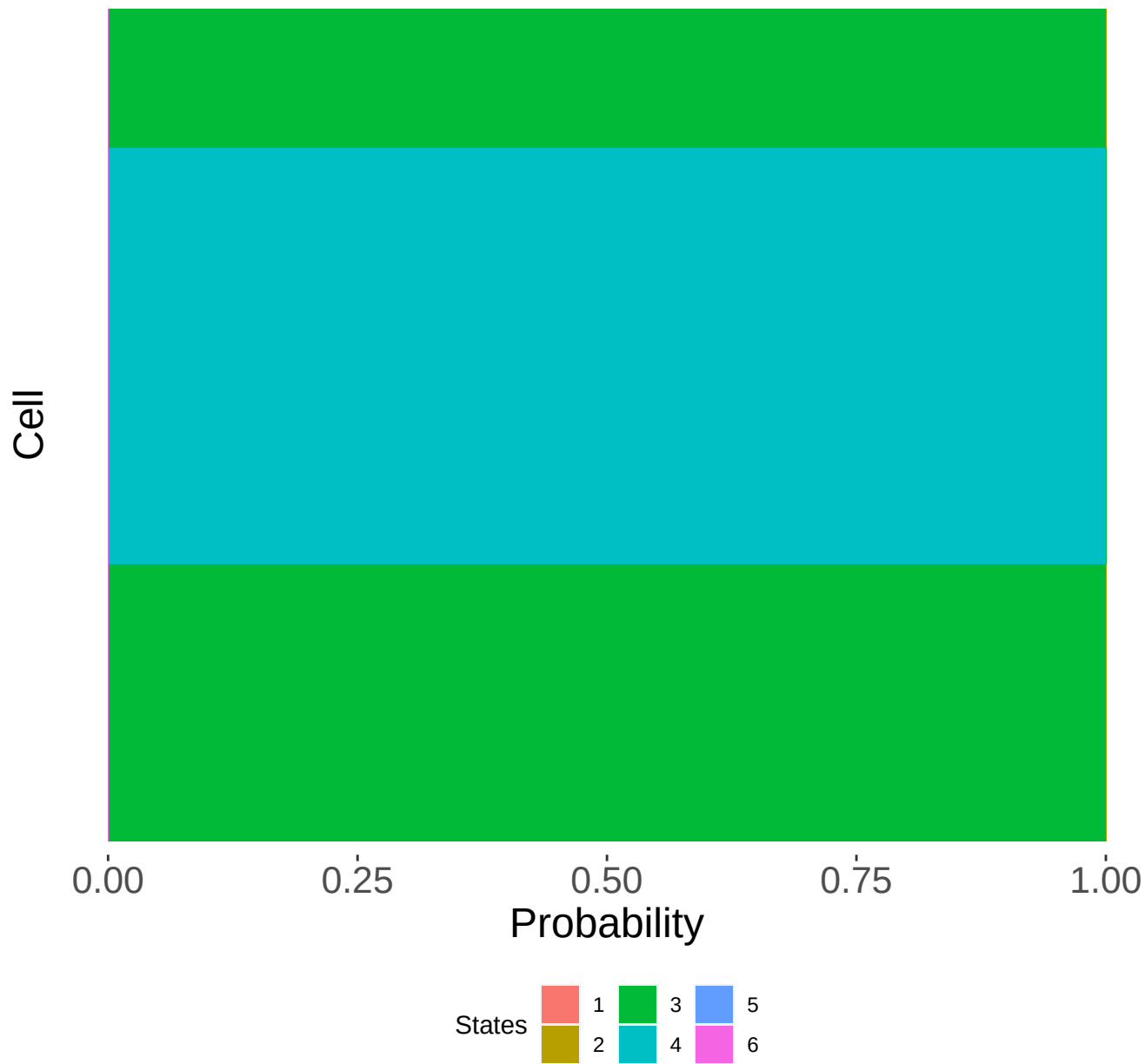
chr3-region_4954



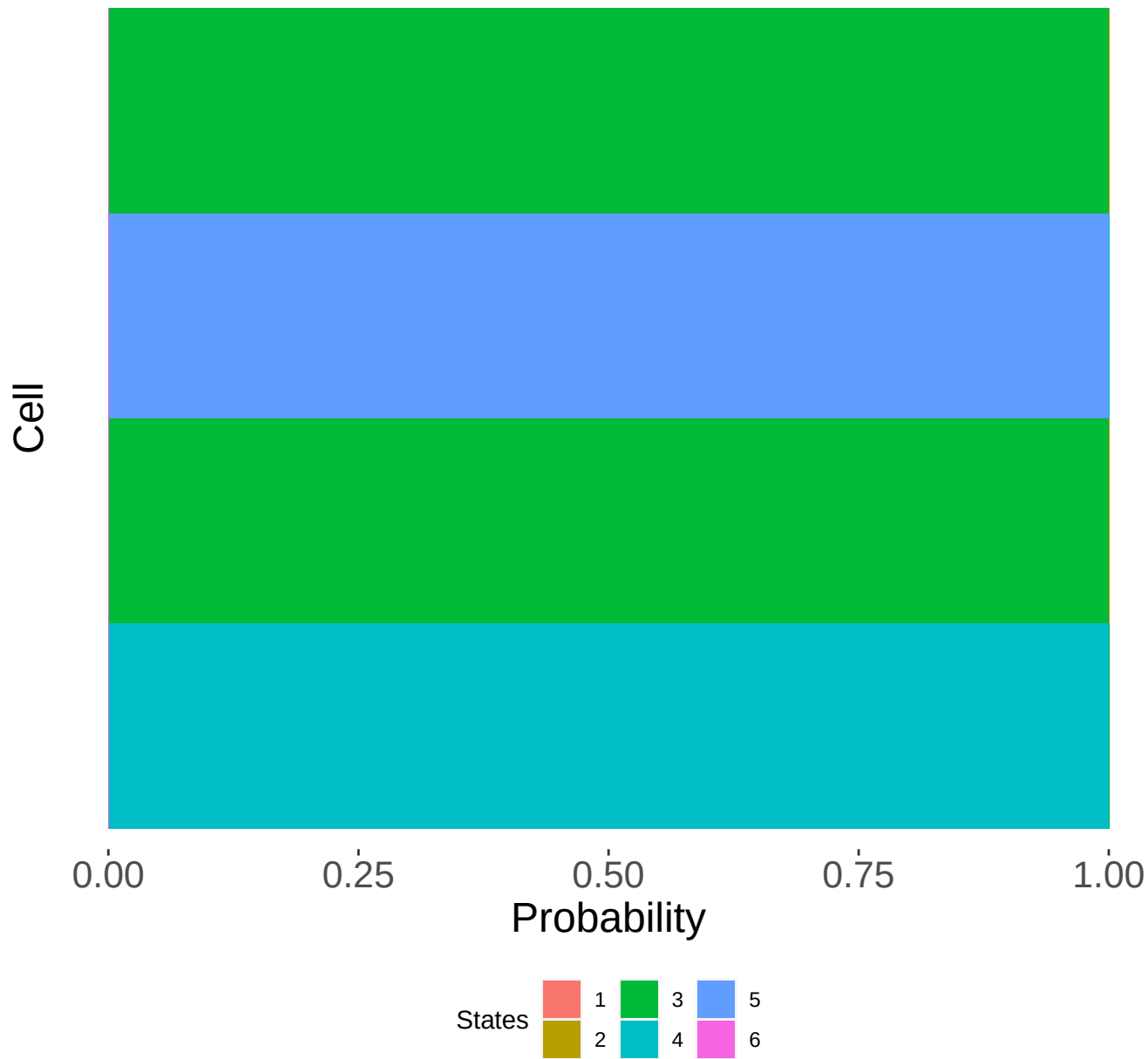
chr10-region_4981



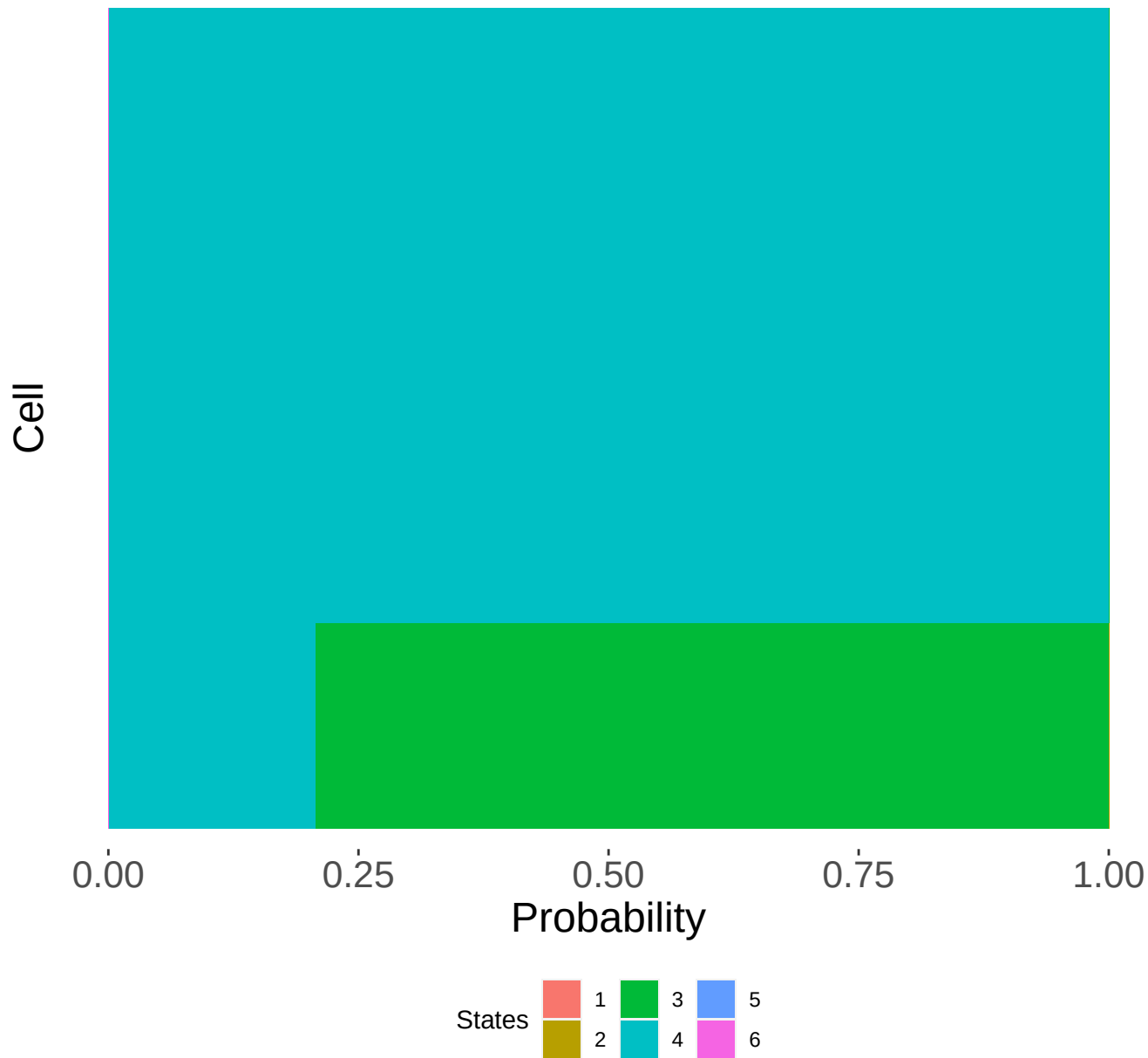
chr11-region_4984



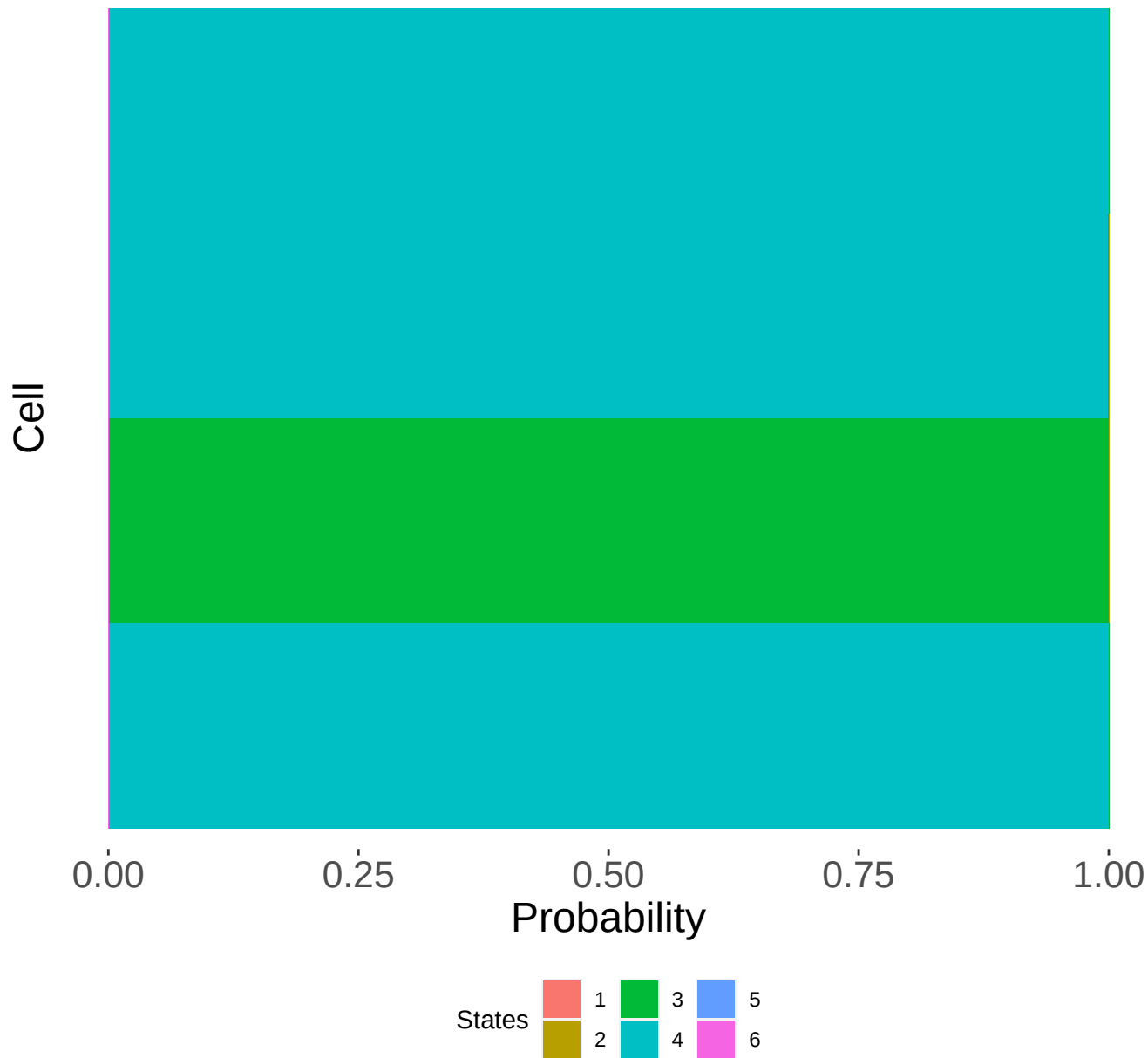
chr4-region_4997



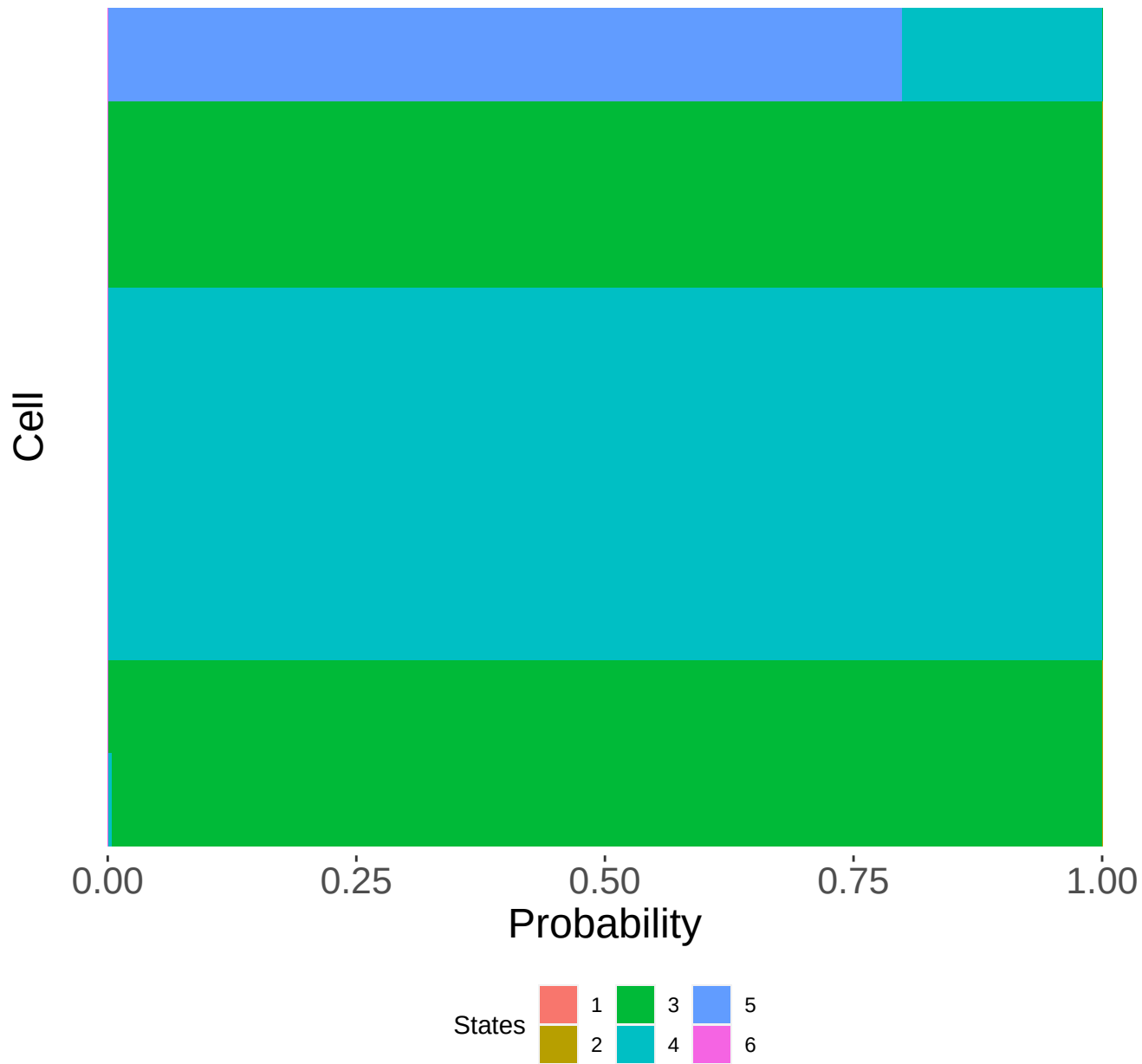
chr7-region_5001



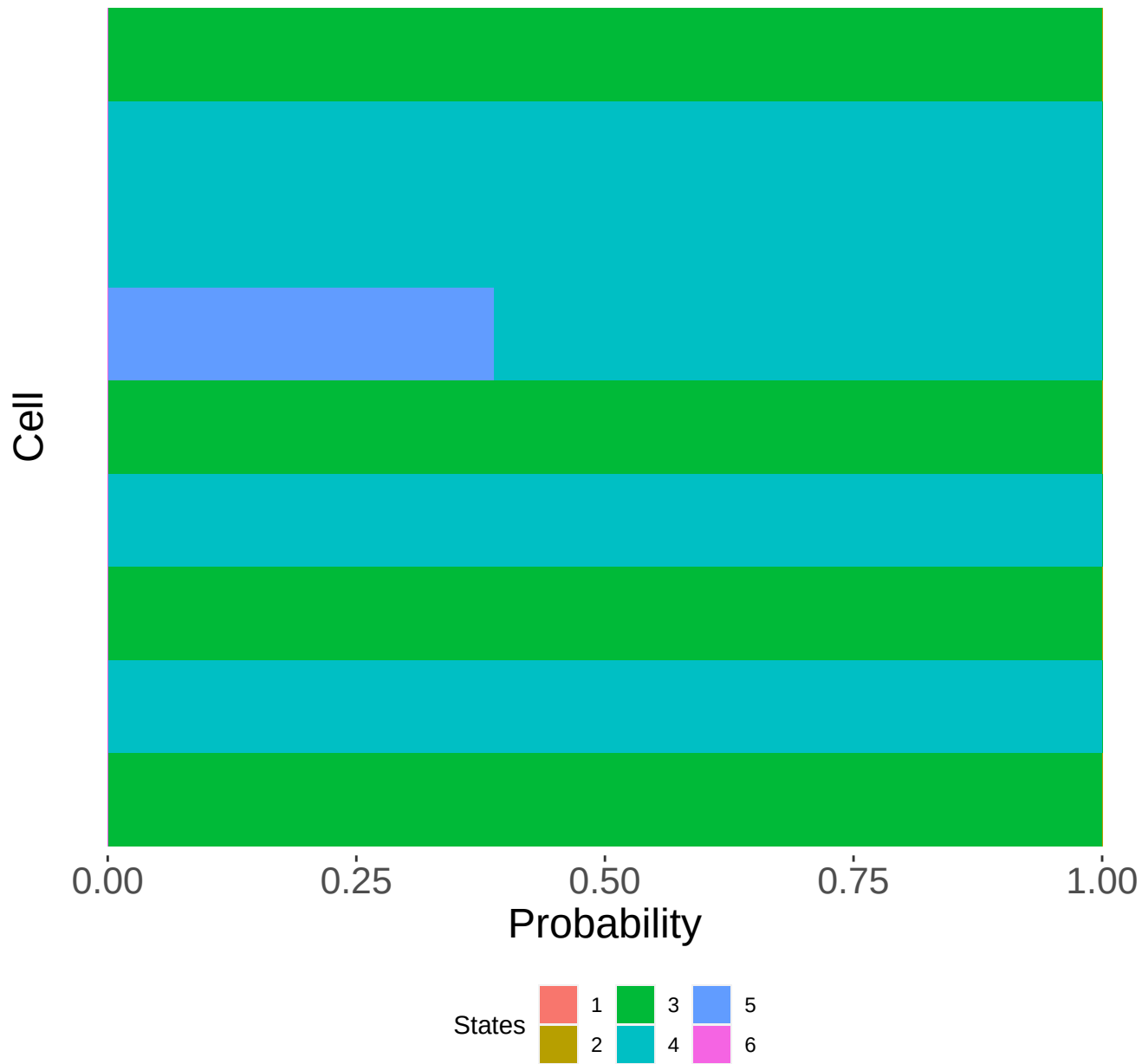
chr14-region_5010



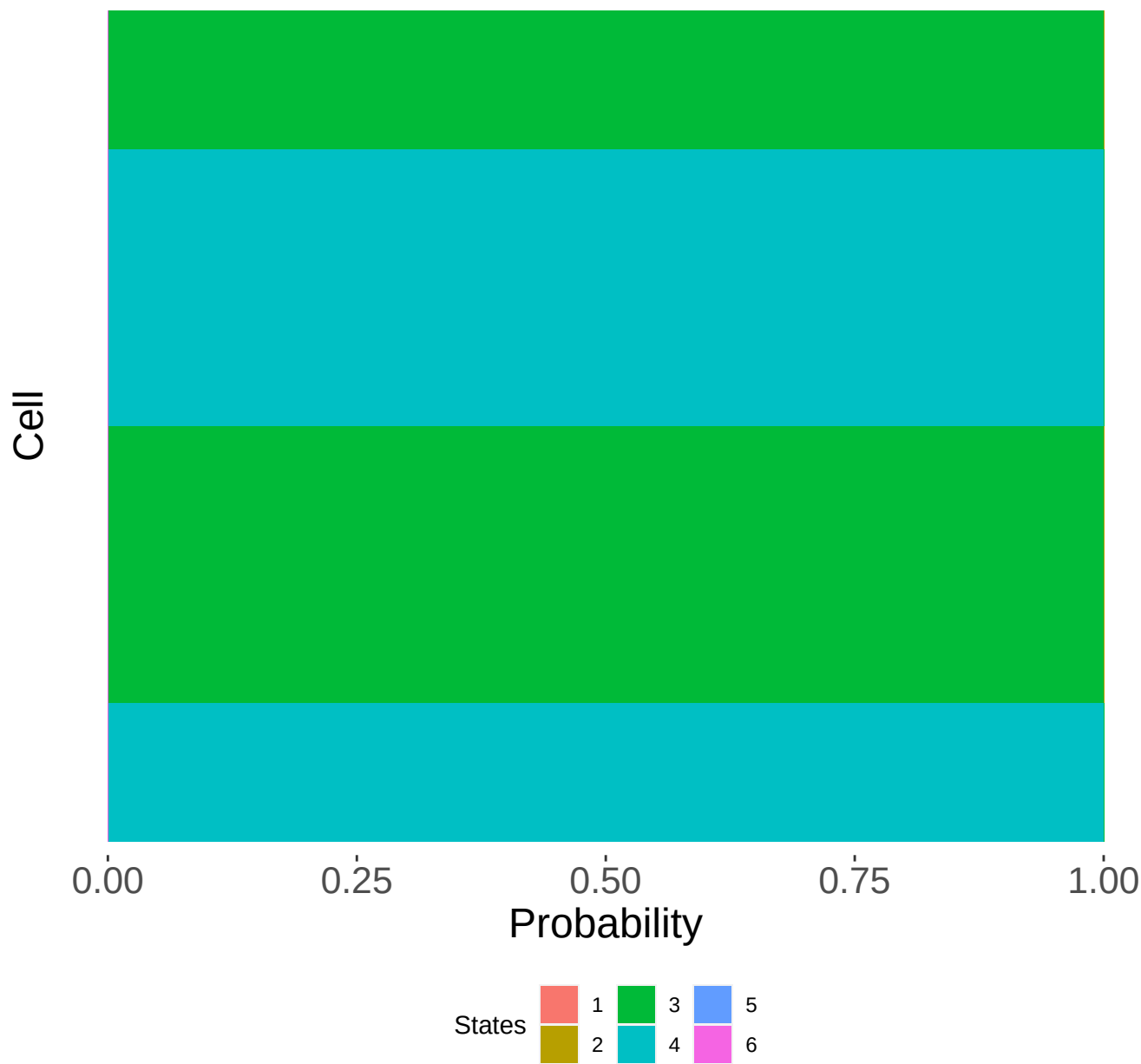
chr4-region_5059



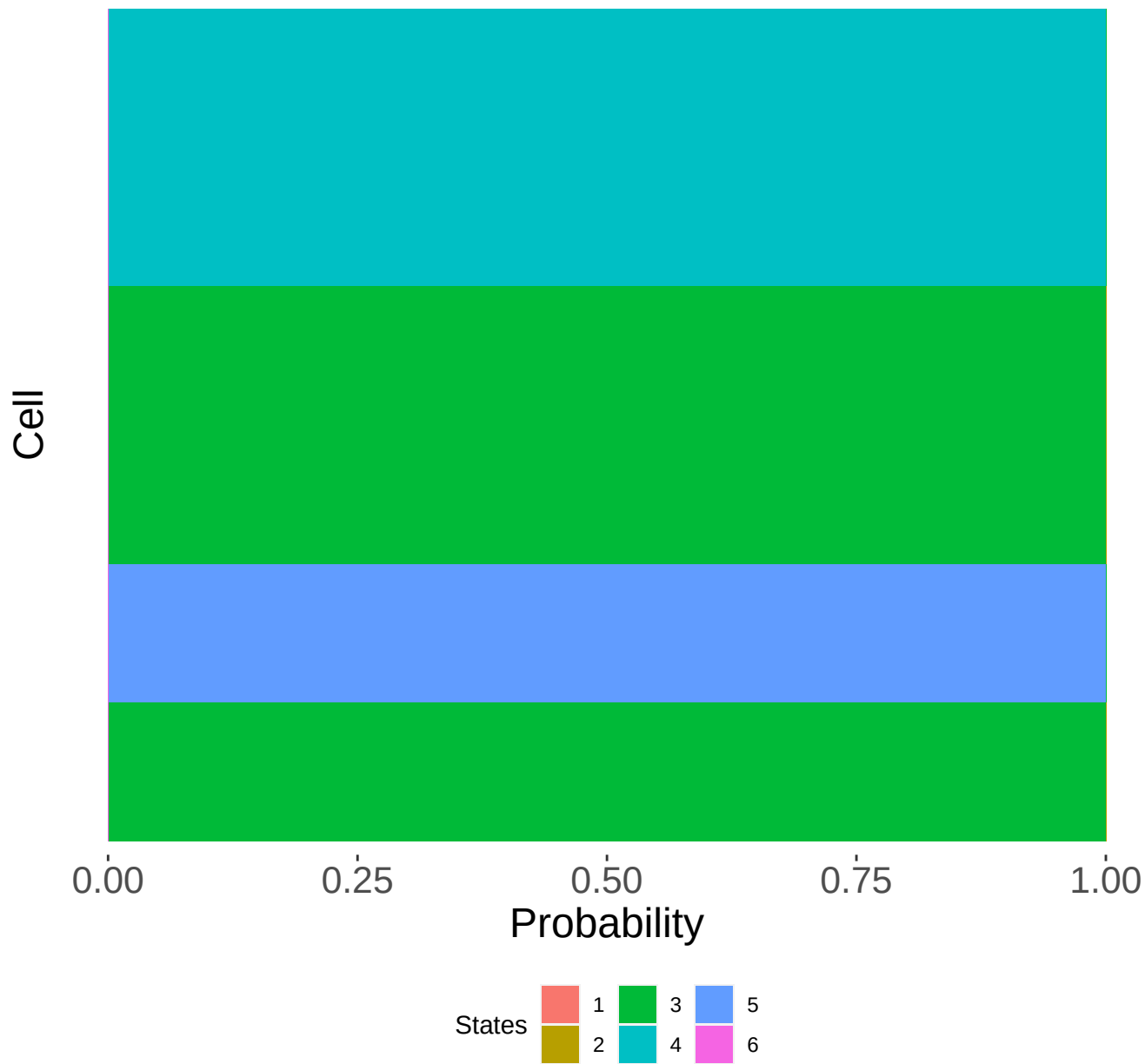
chr9-region_5066



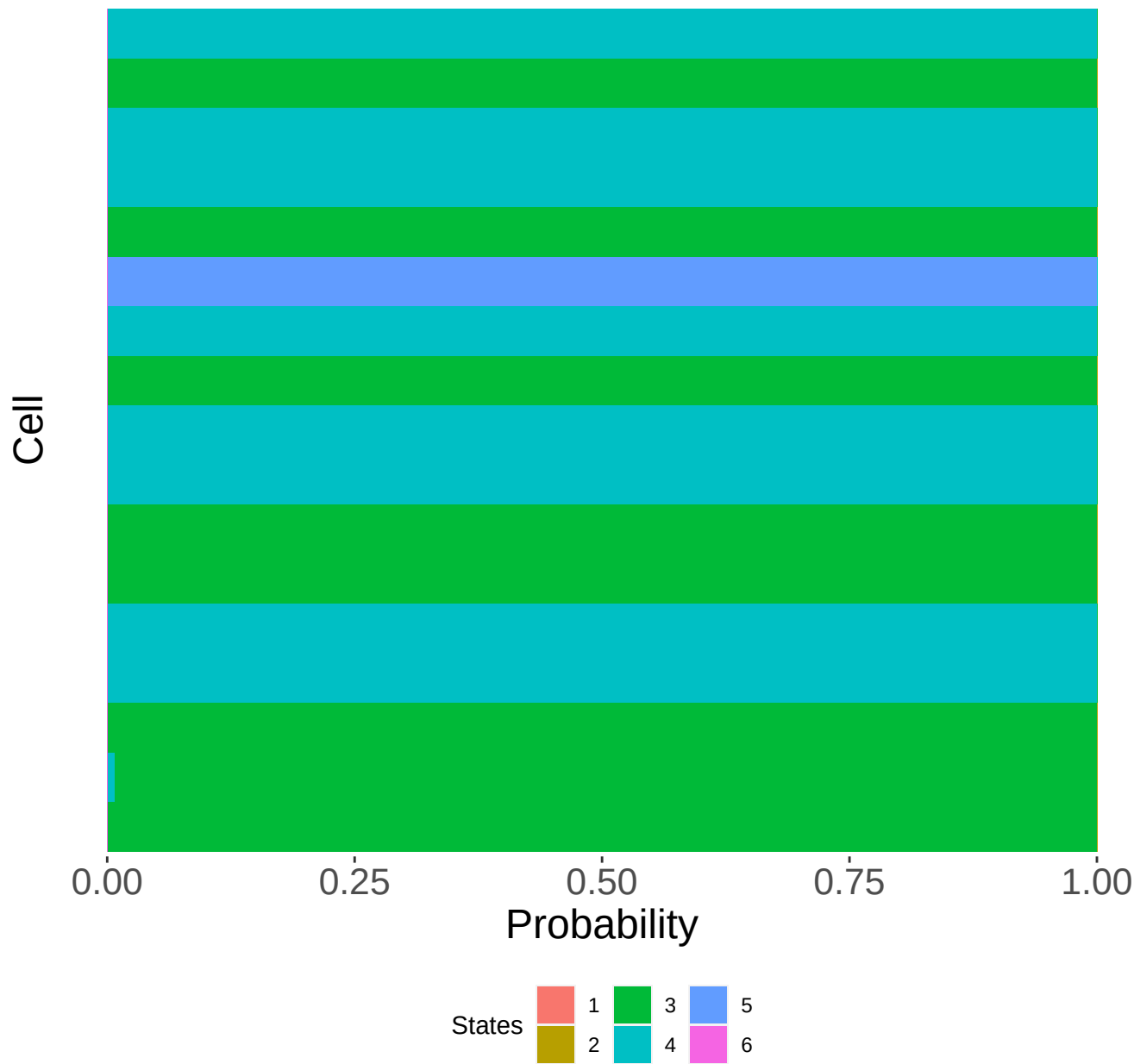
chr10-region_5087



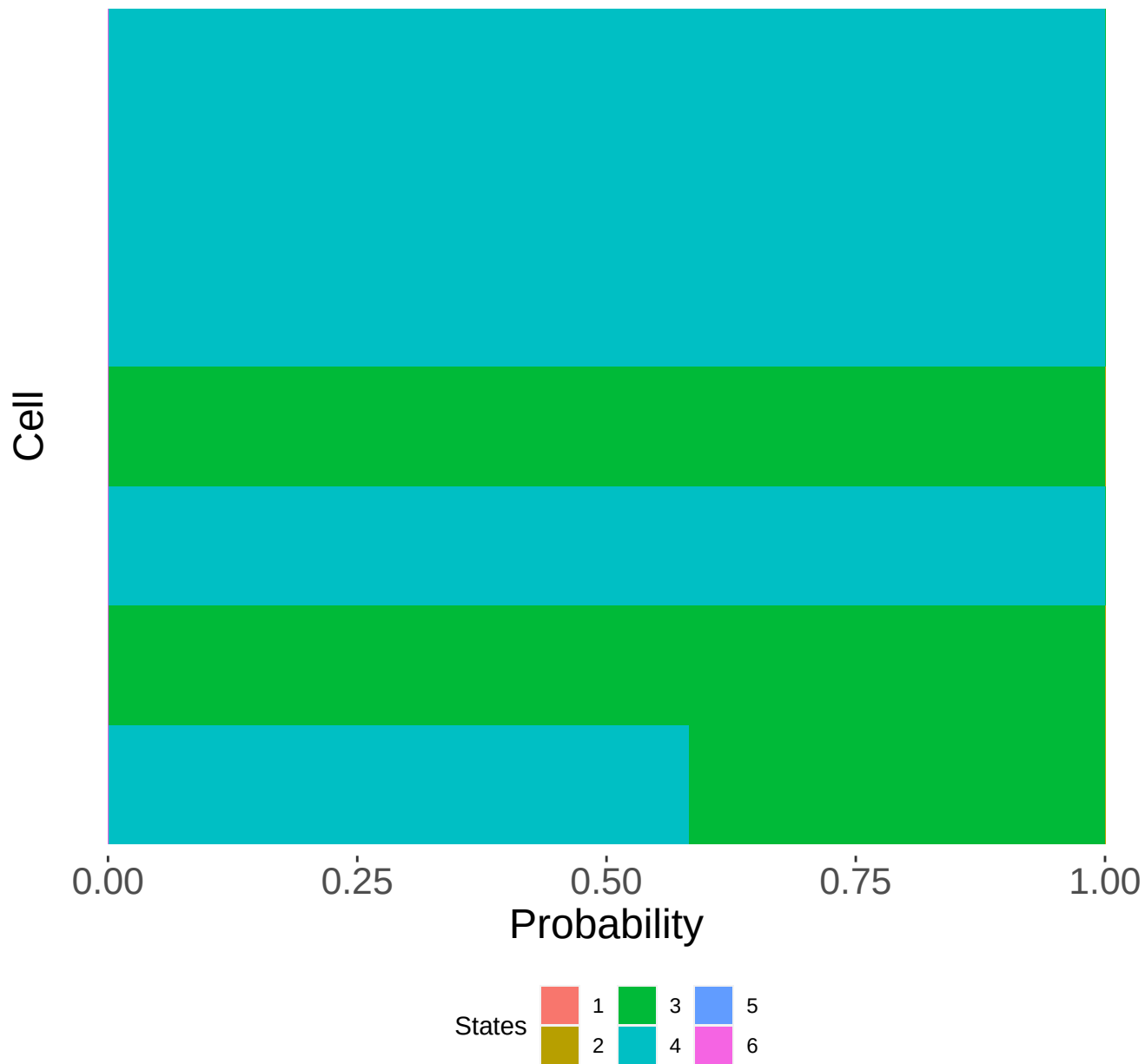
chr19-region_5098



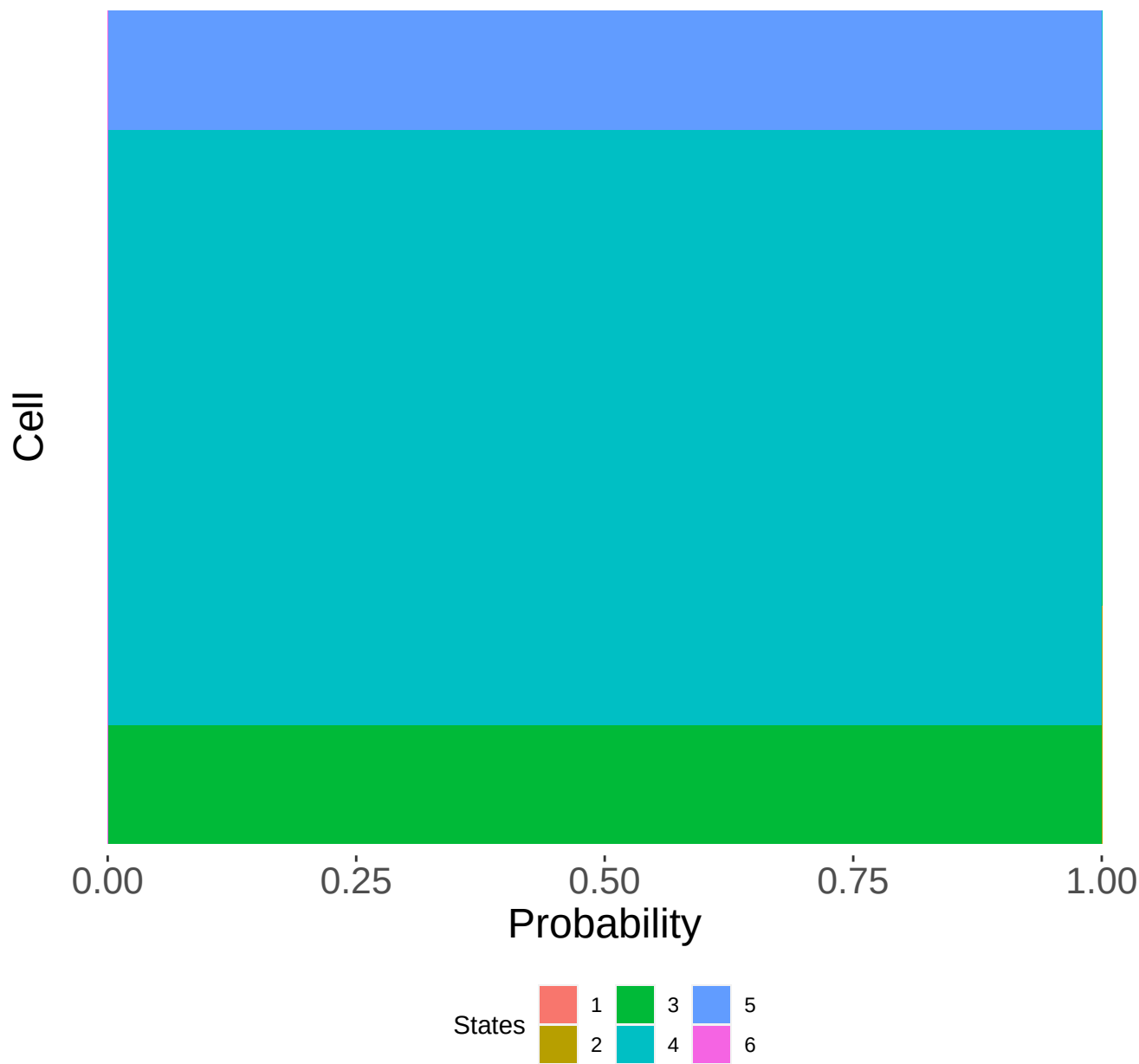
chr4-region_5104



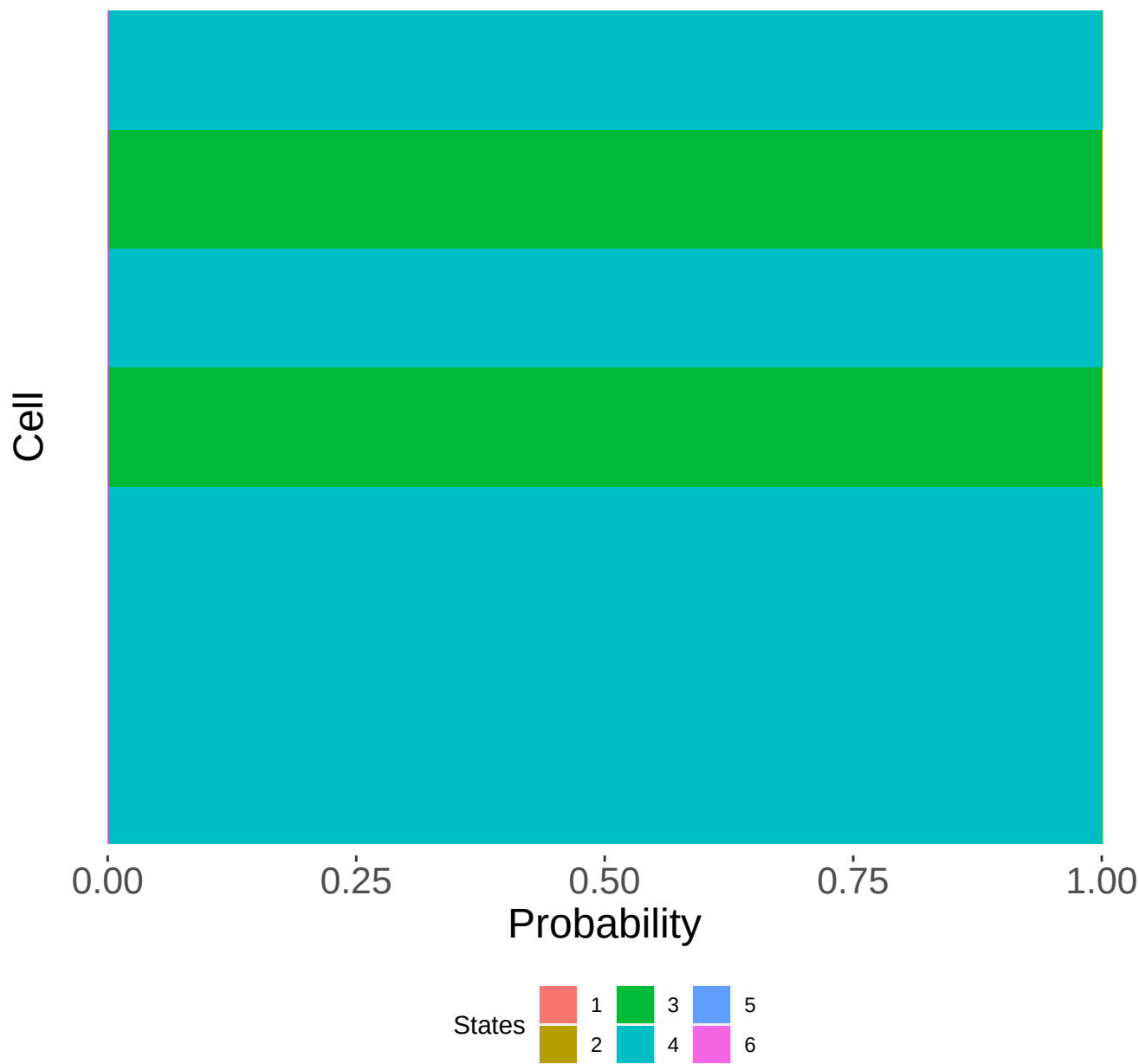
chr12-region_5133



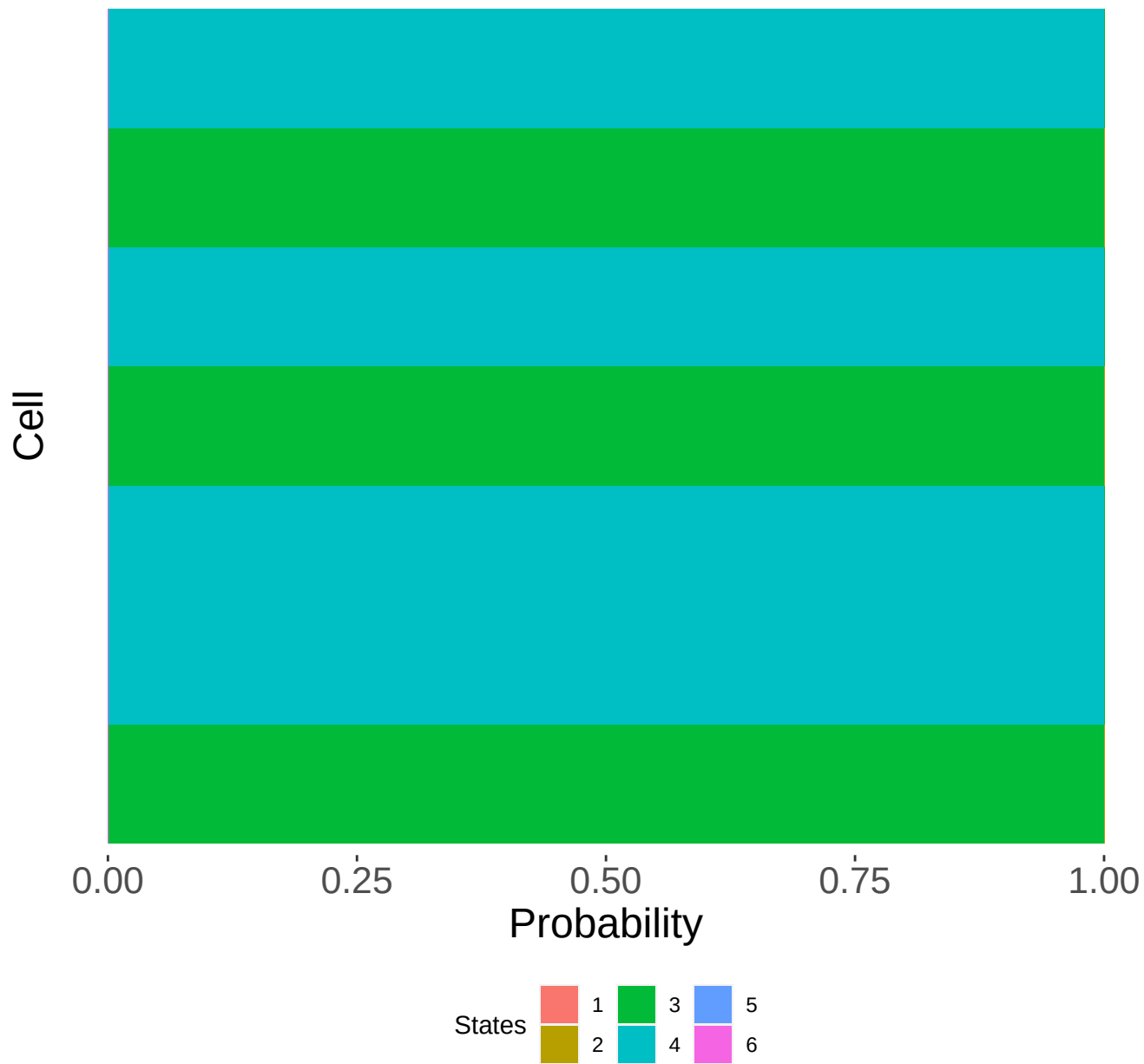
chr17-region_5139



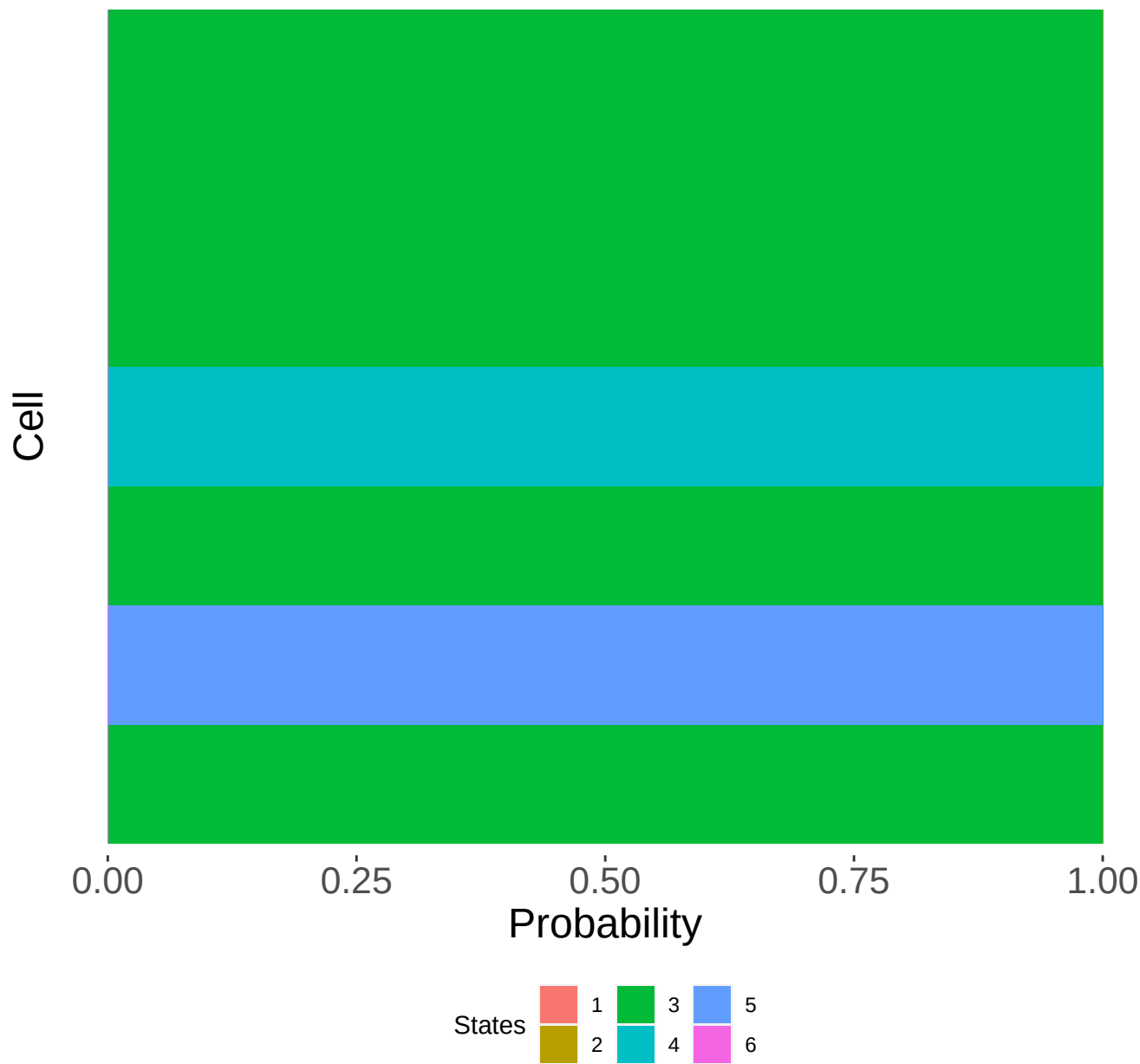
chr19-region_5142



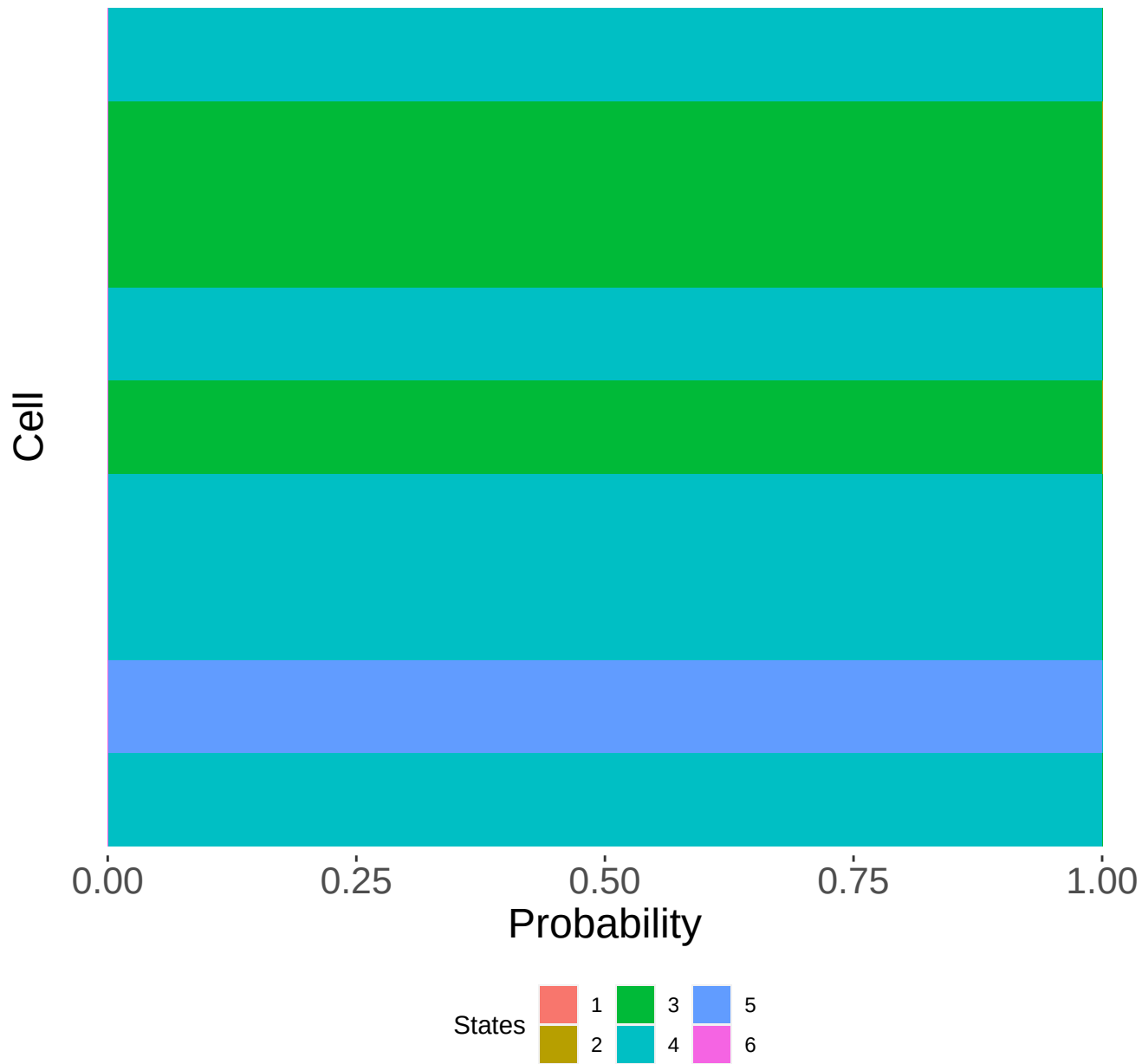
chr11-region_5174



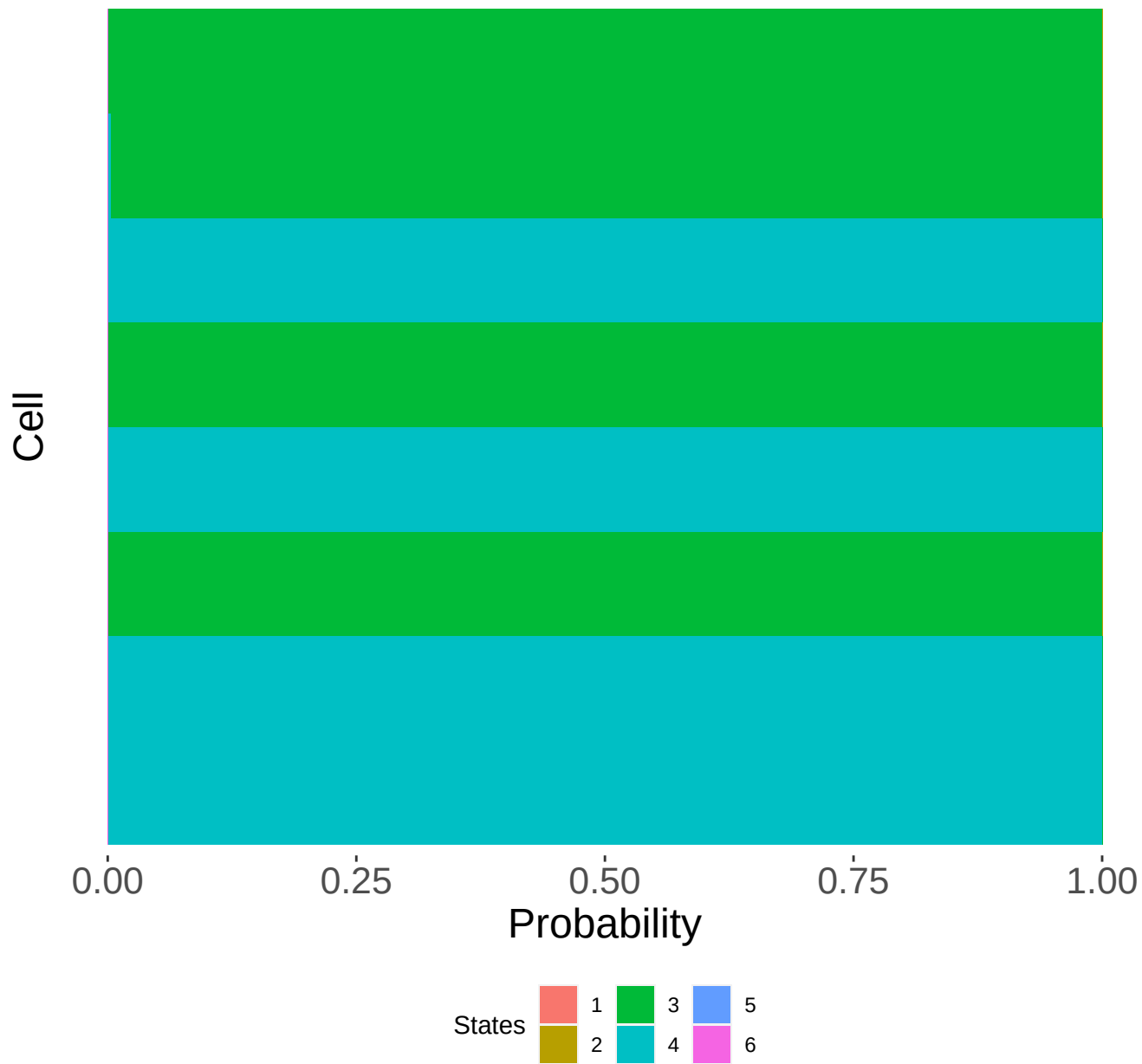
chr19-region_5184



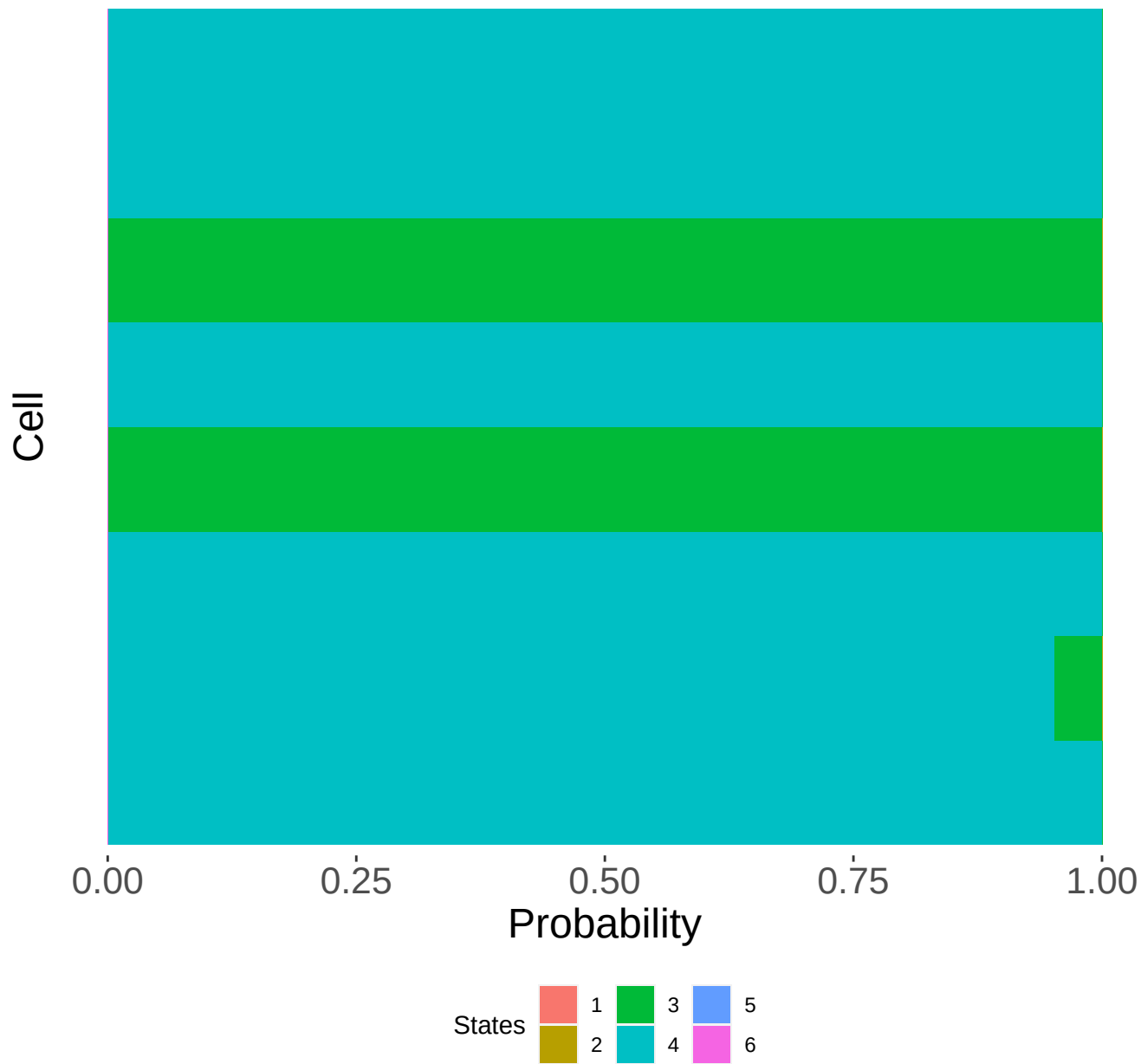
chr4-region_5189



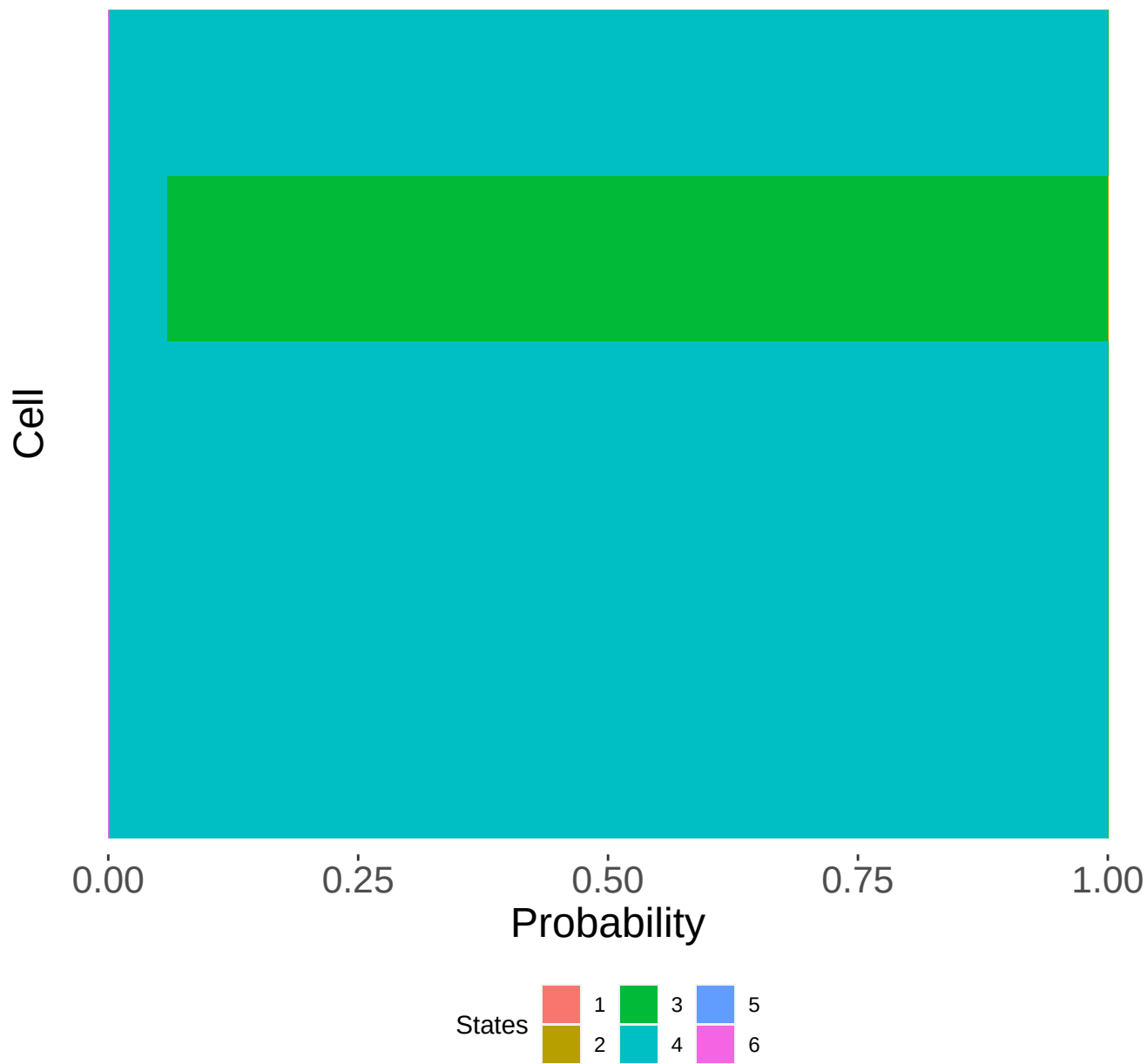
chr3-region_5228



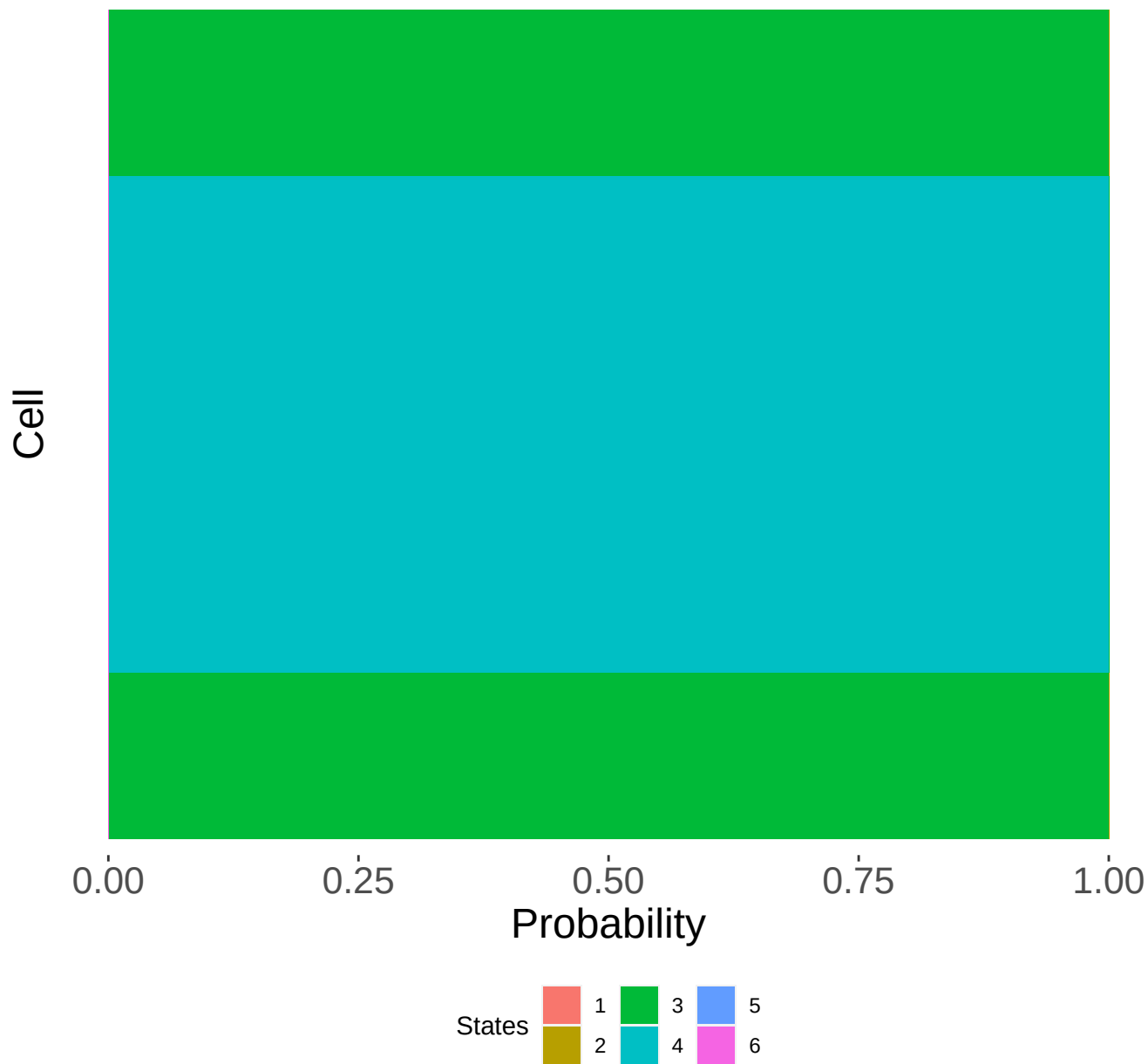
chr7-region_5232



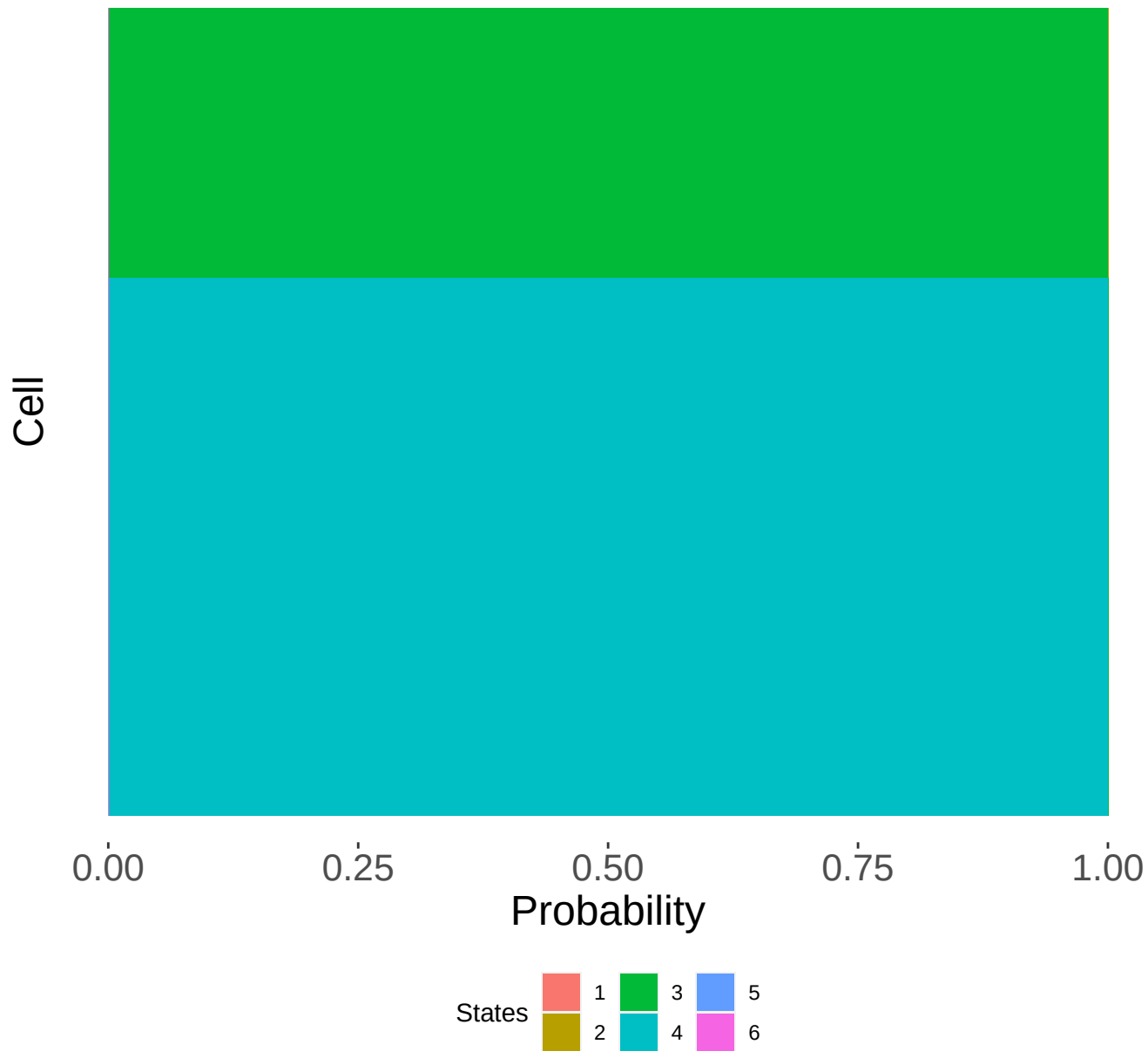
chr14-region_5355



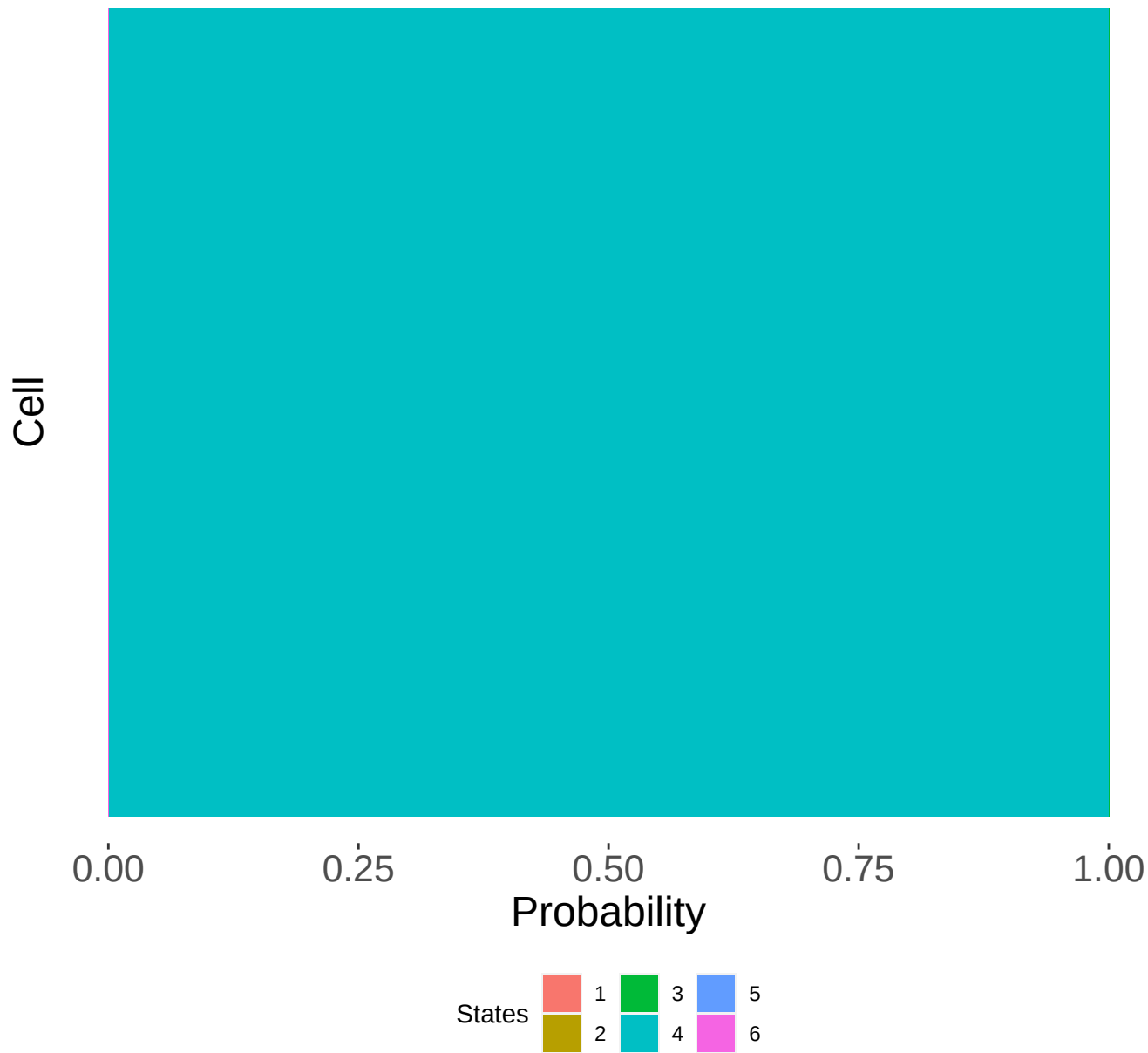
chr19-region_5361



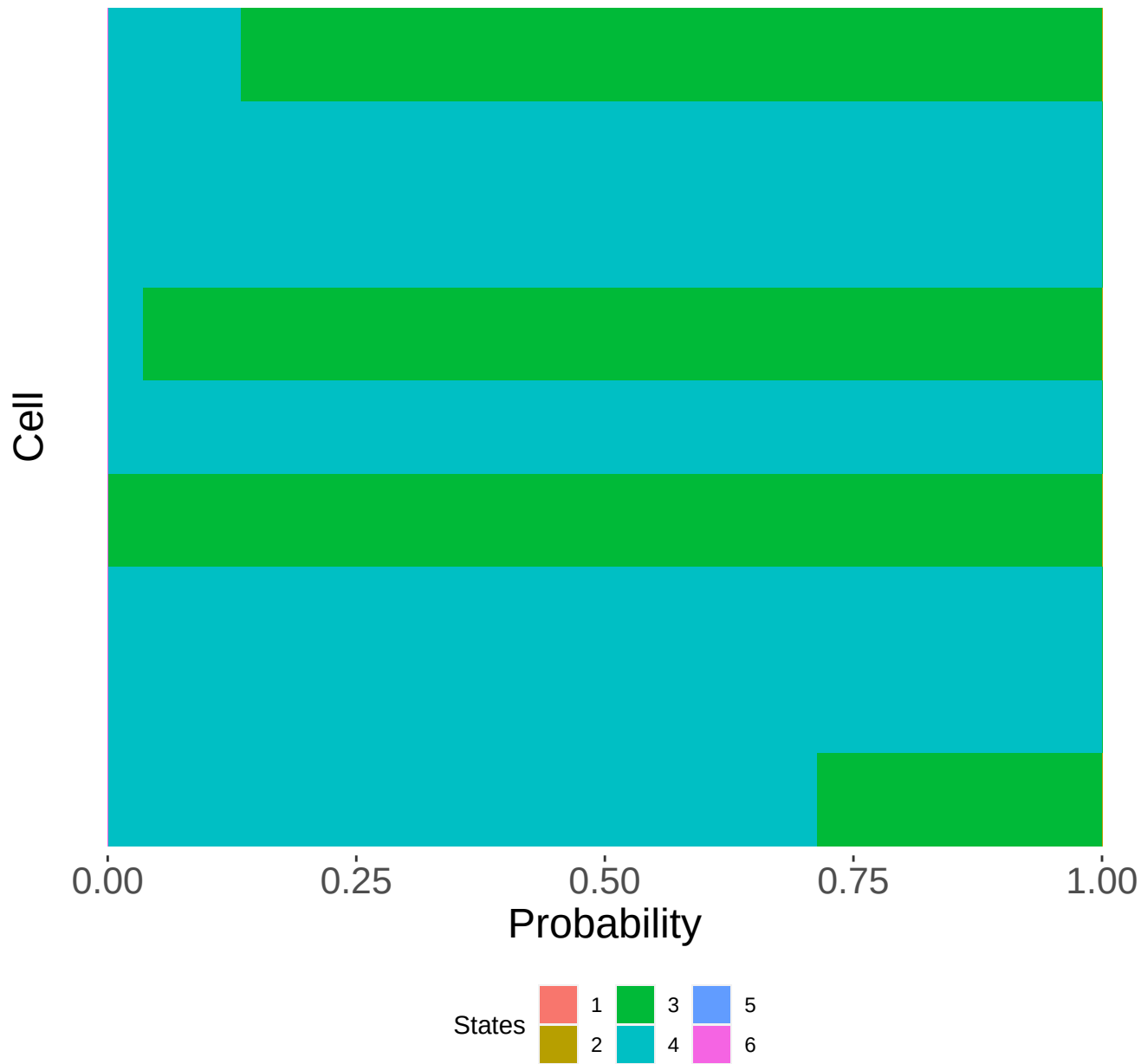
chr2-region_5420



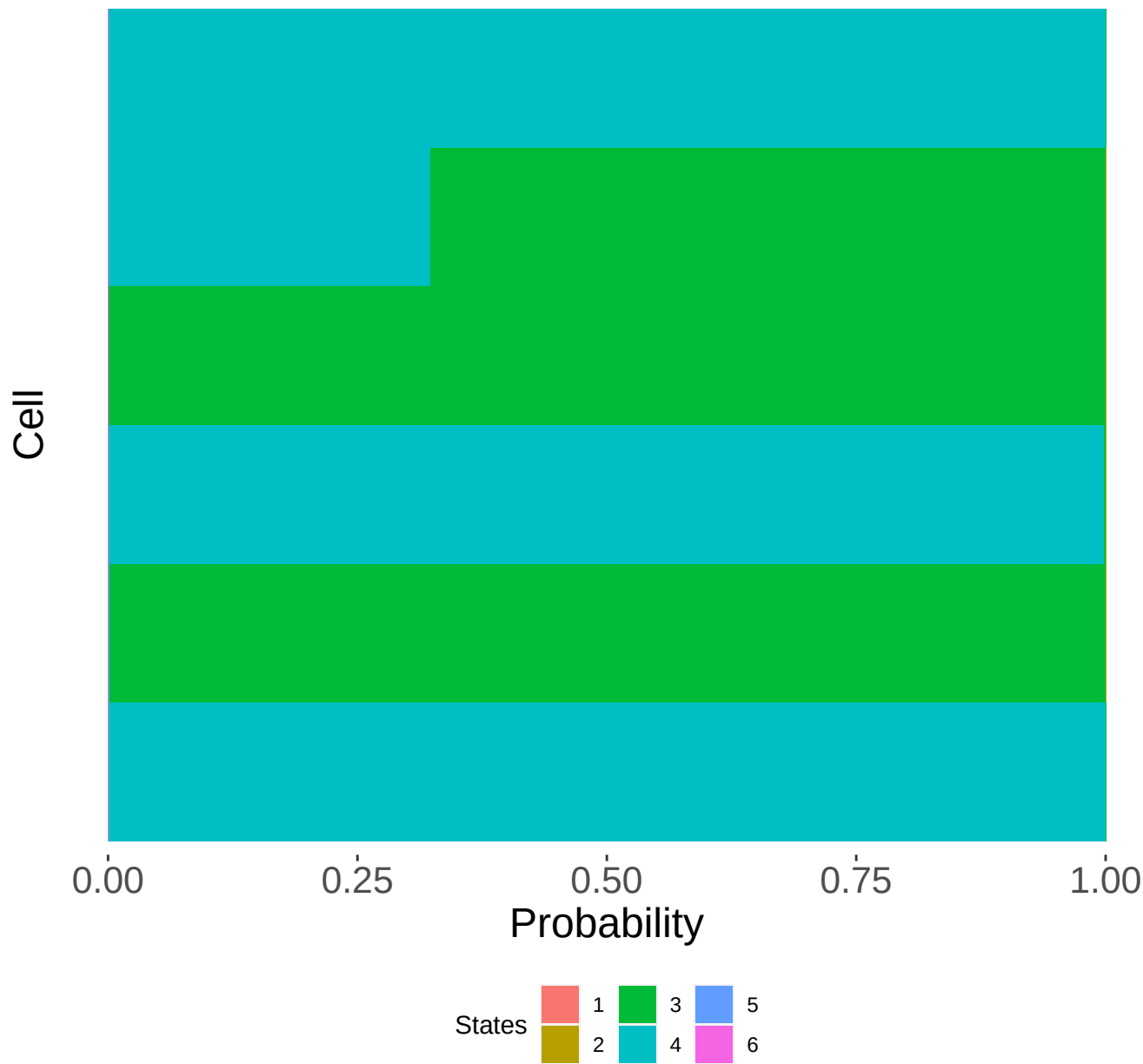
chr13-region_5432



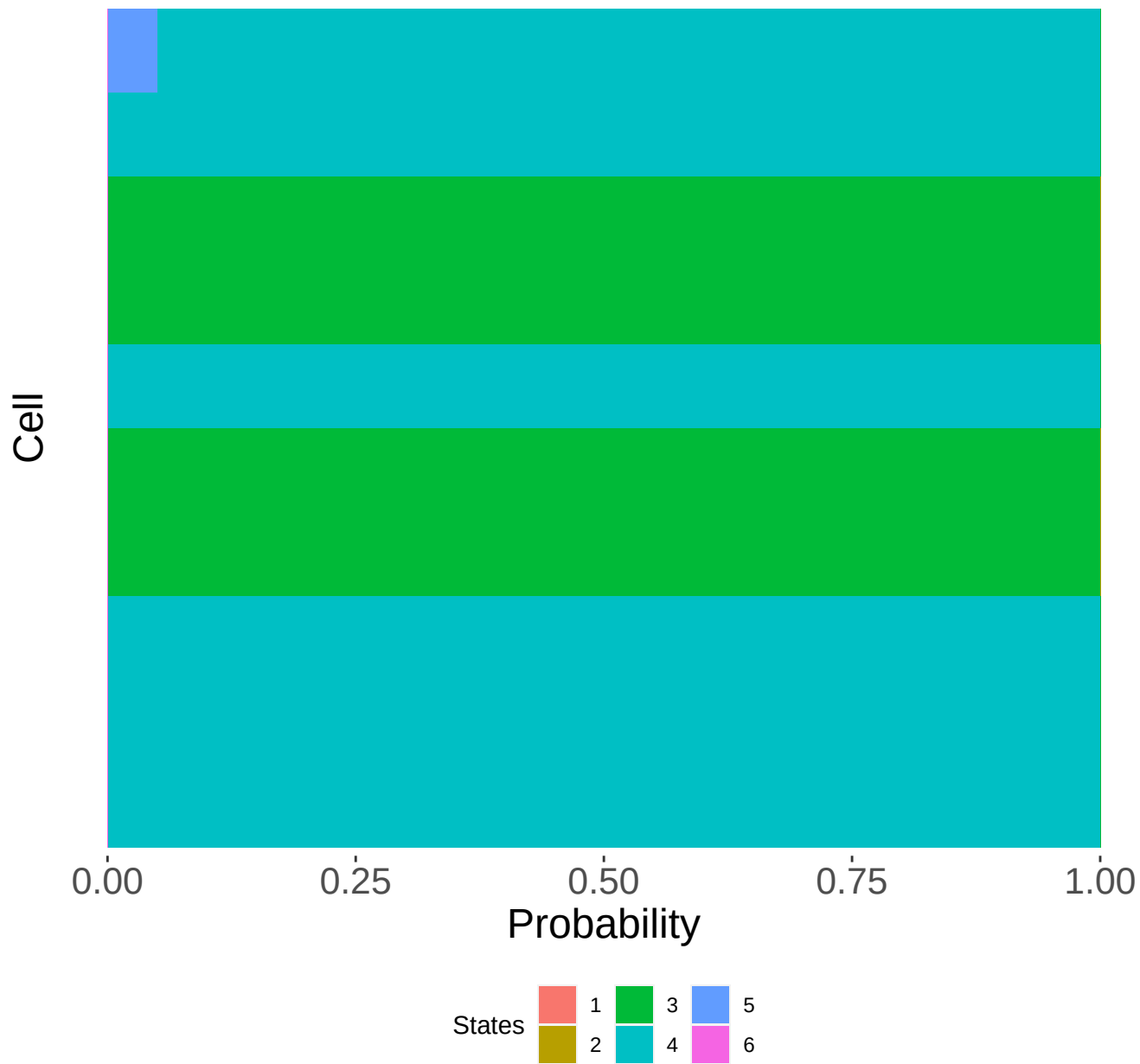
chr2-region_5441



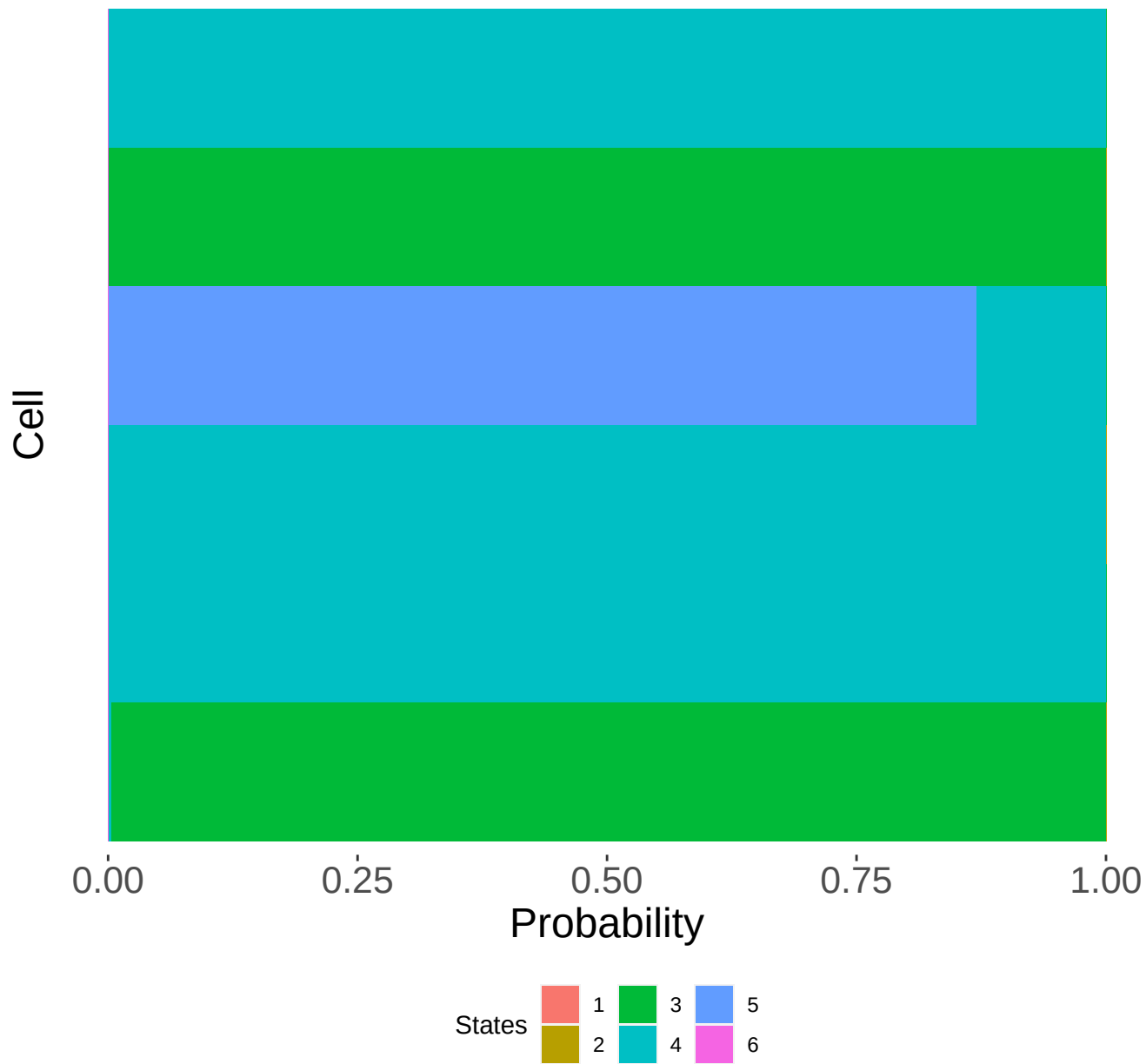
chr7-region_5467



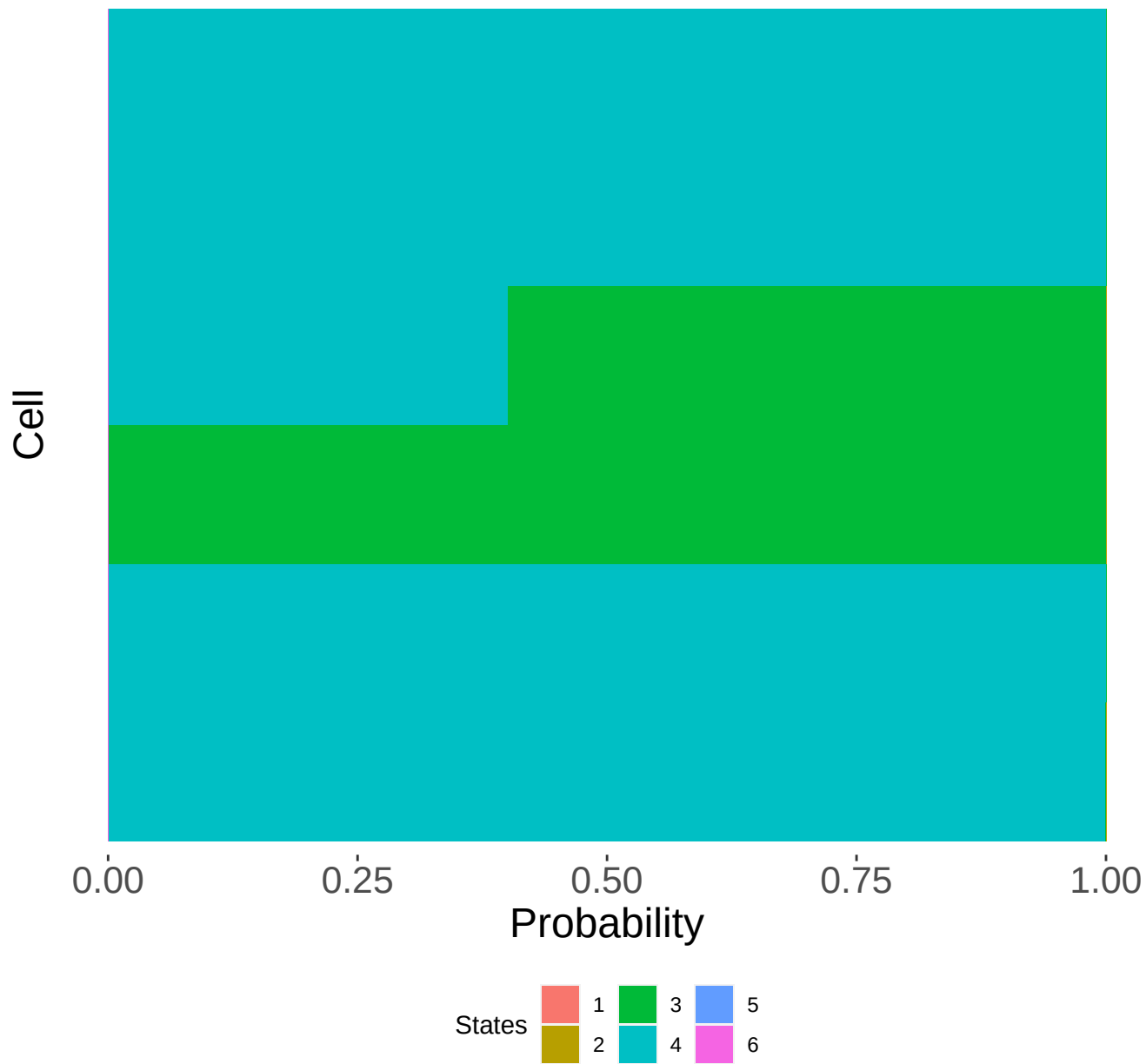
chr6-region_5505



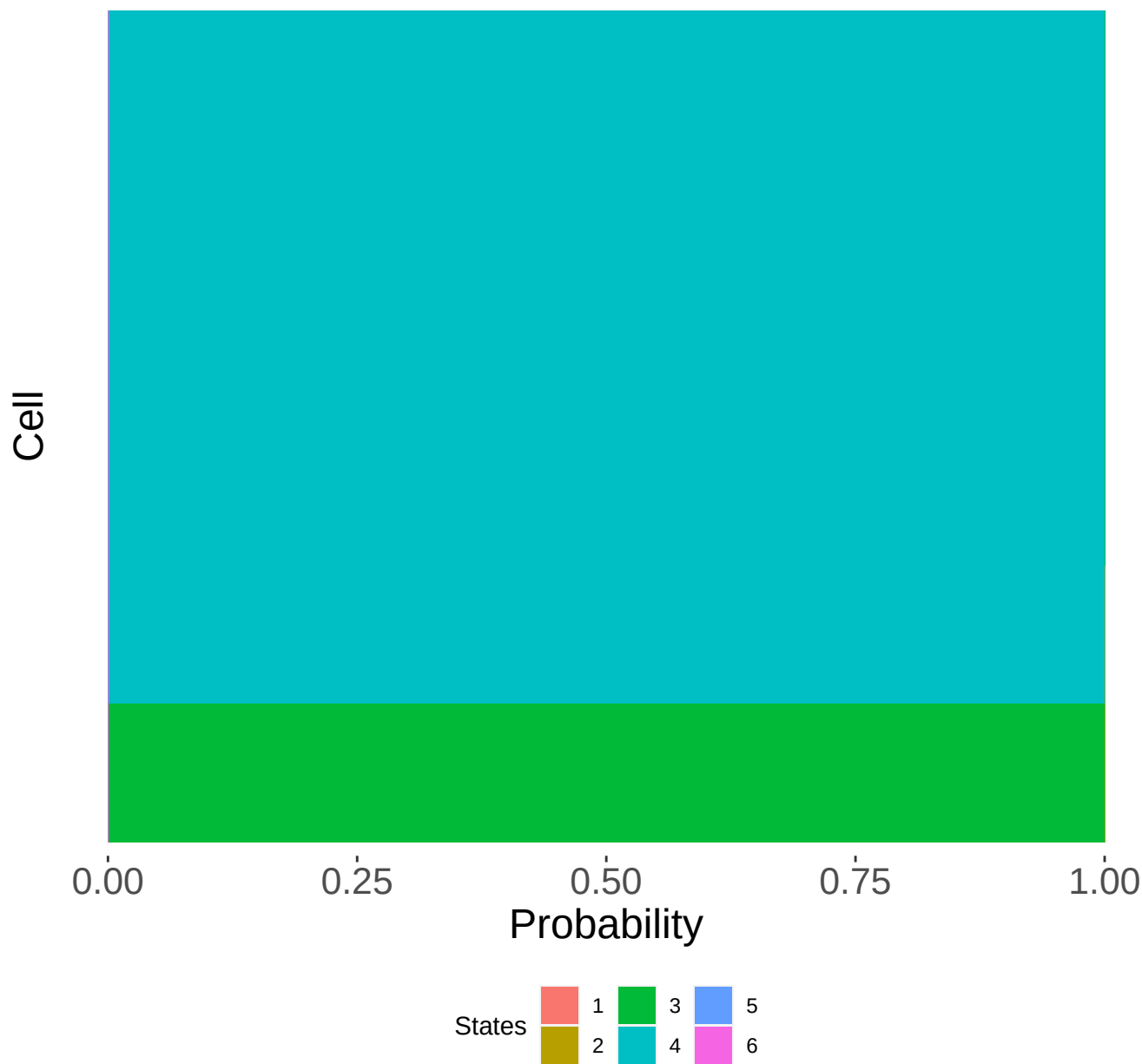
chr13-region_5550



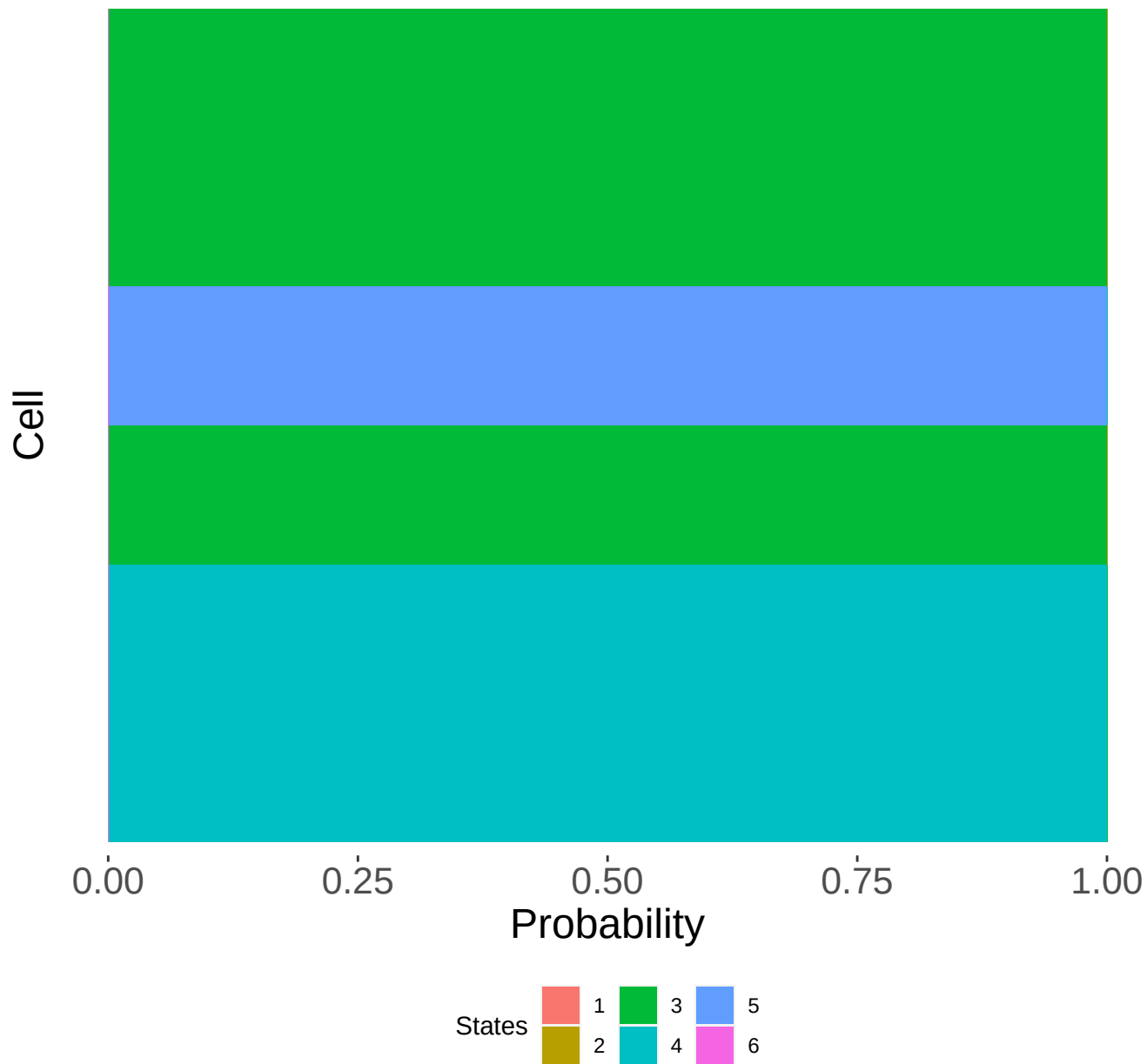
chr1-region_5559



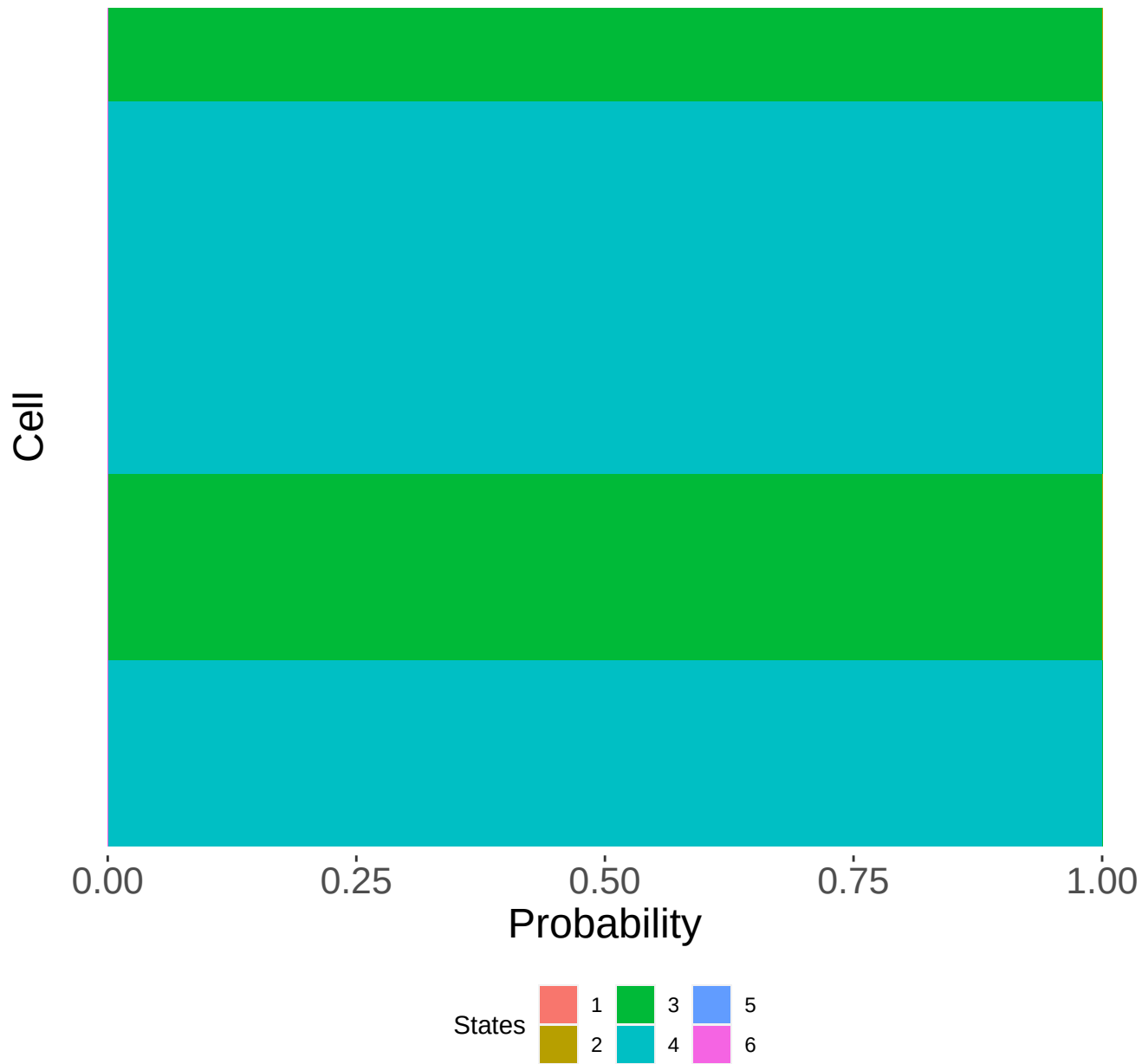
chr7-region_5567



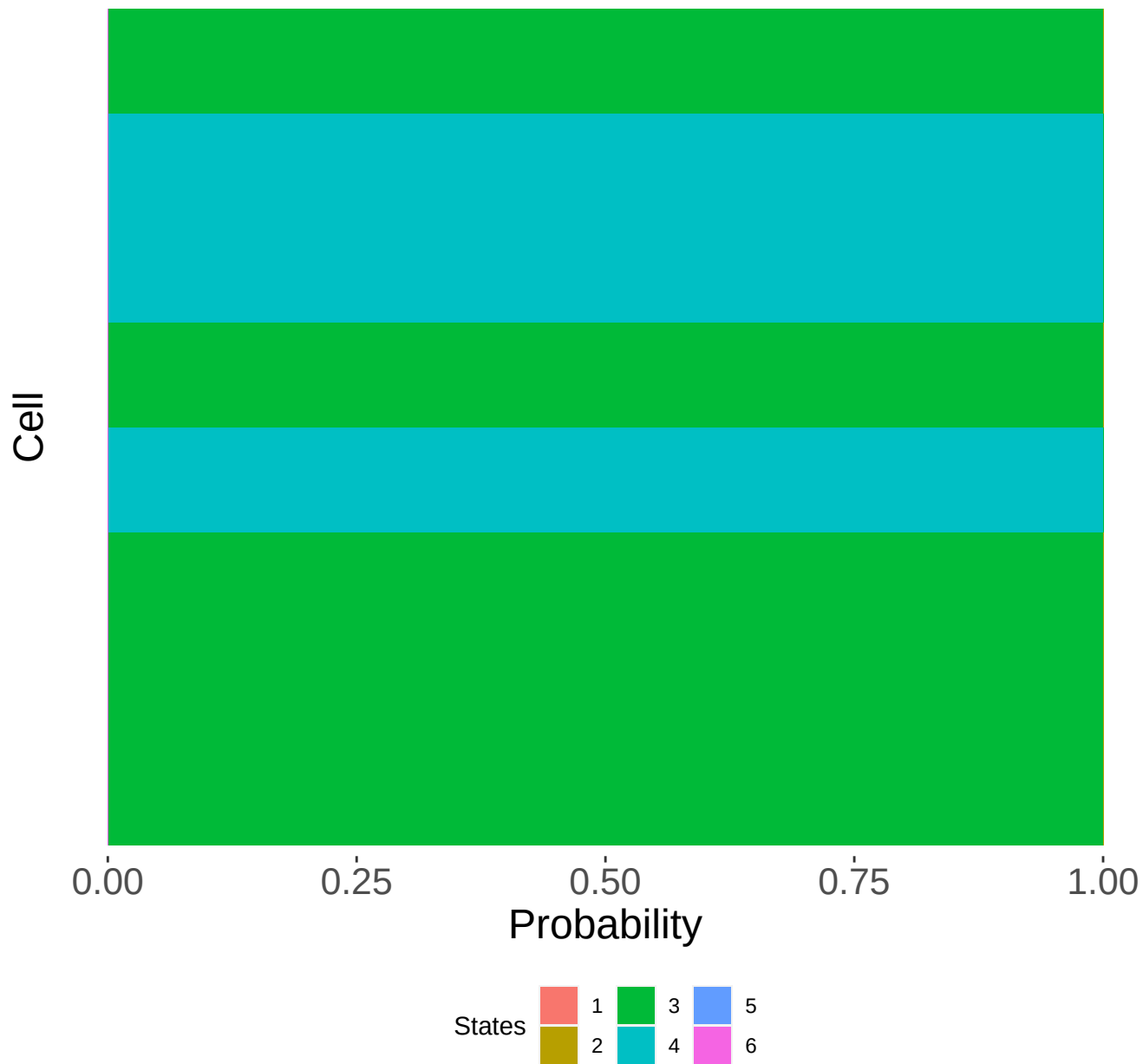
chr9-region_5571



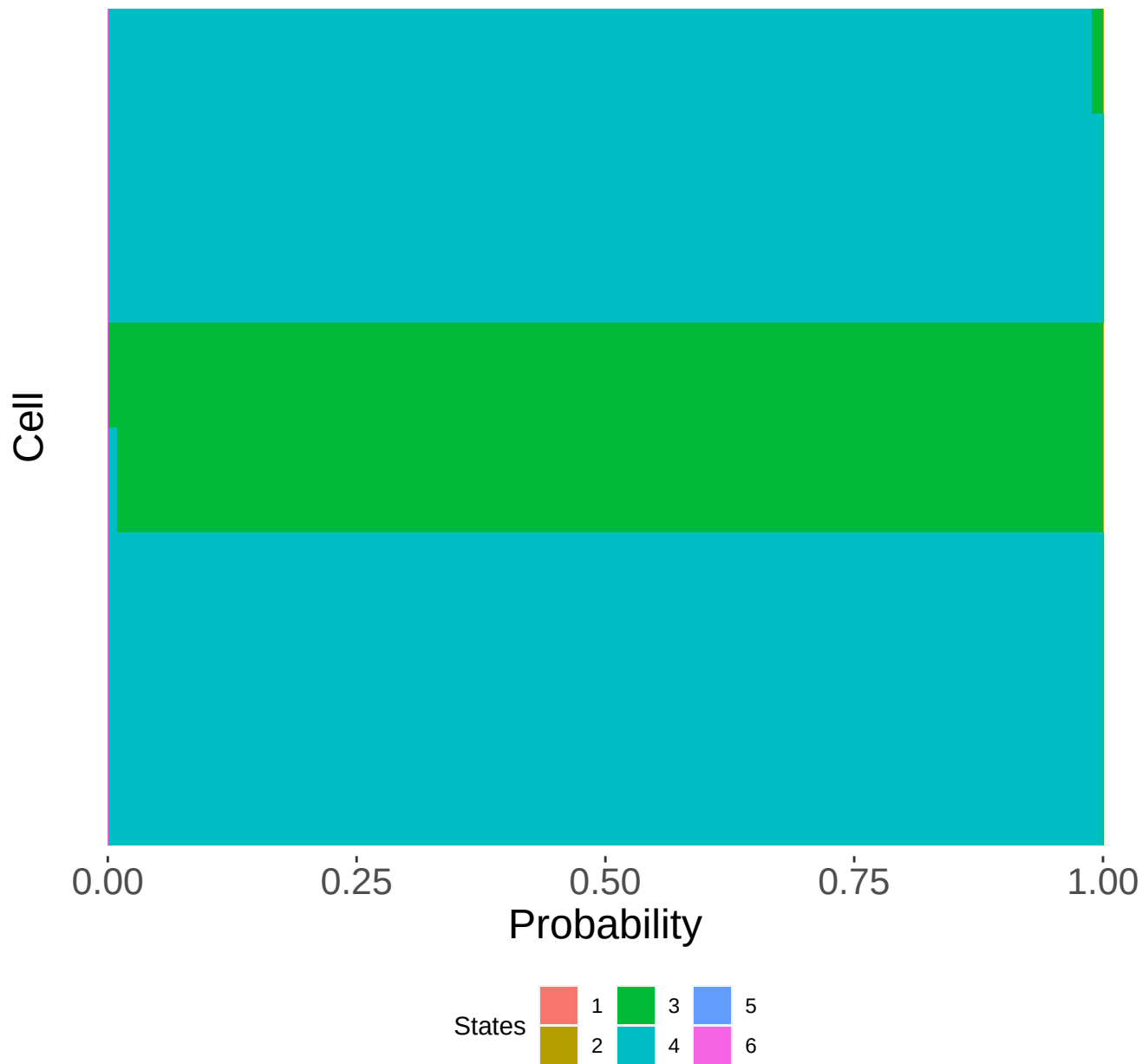
chr8-region_5609



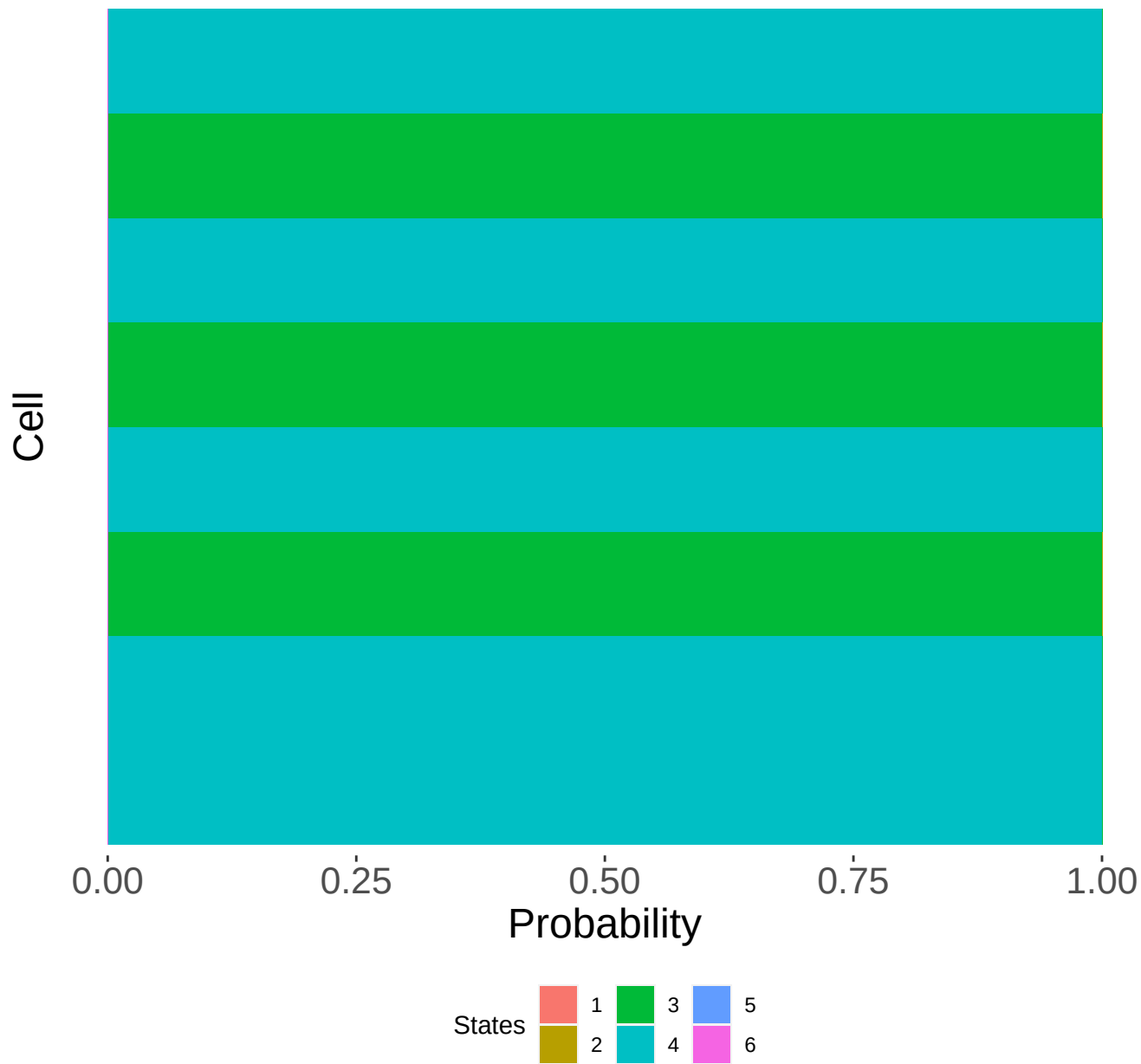
chr2-region_5643



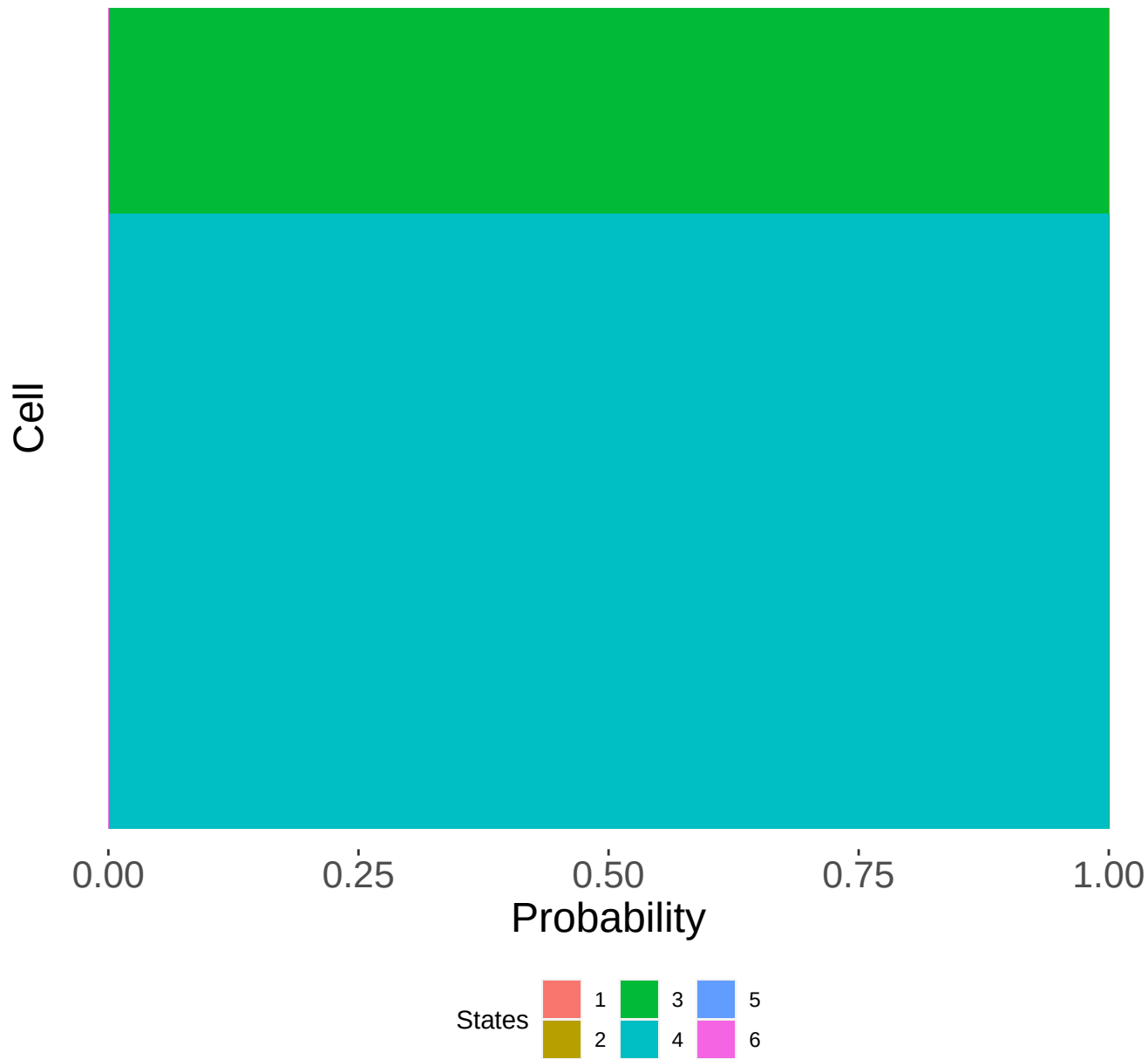
chr7-region_5650



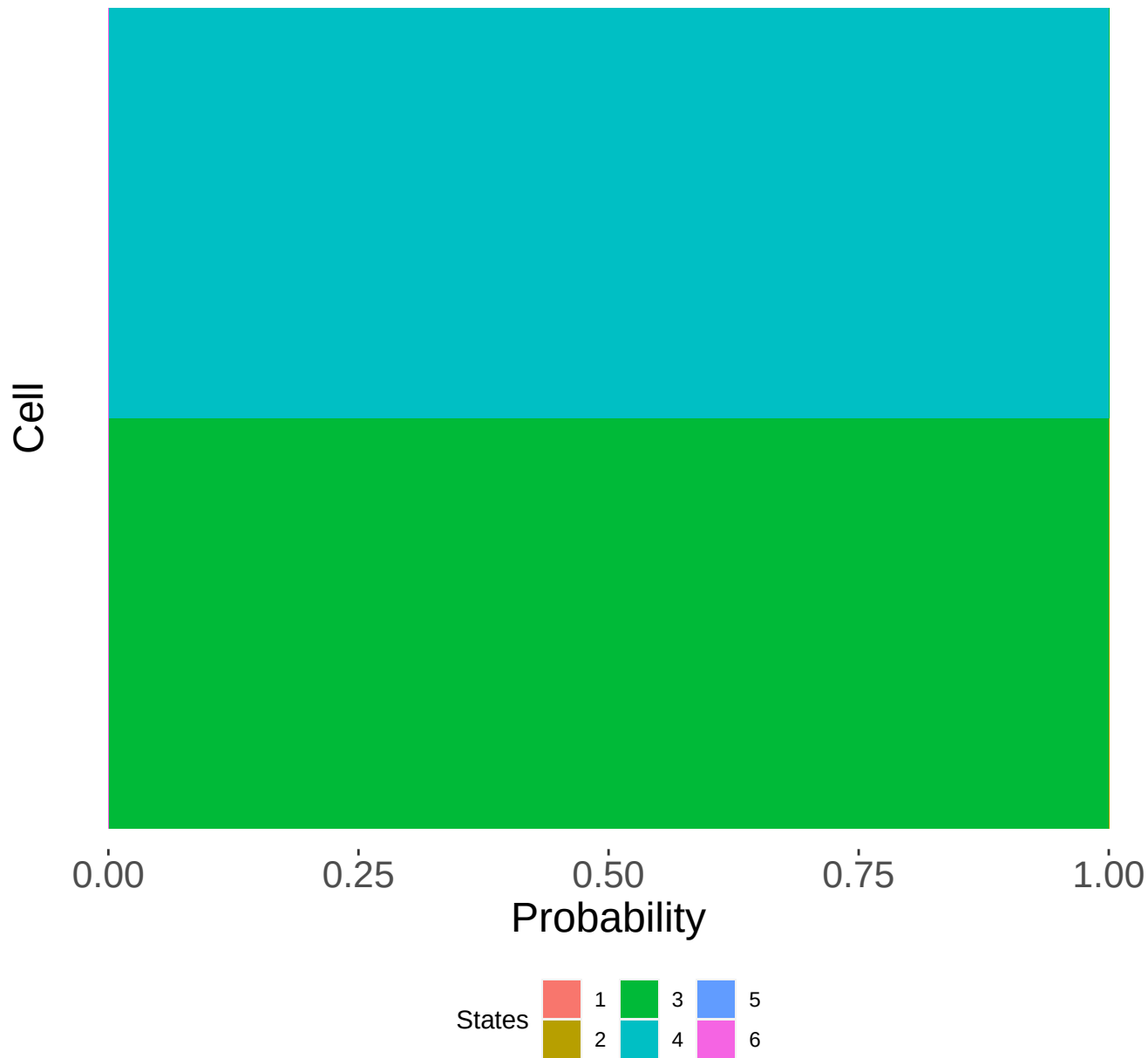
chr10-region_5654



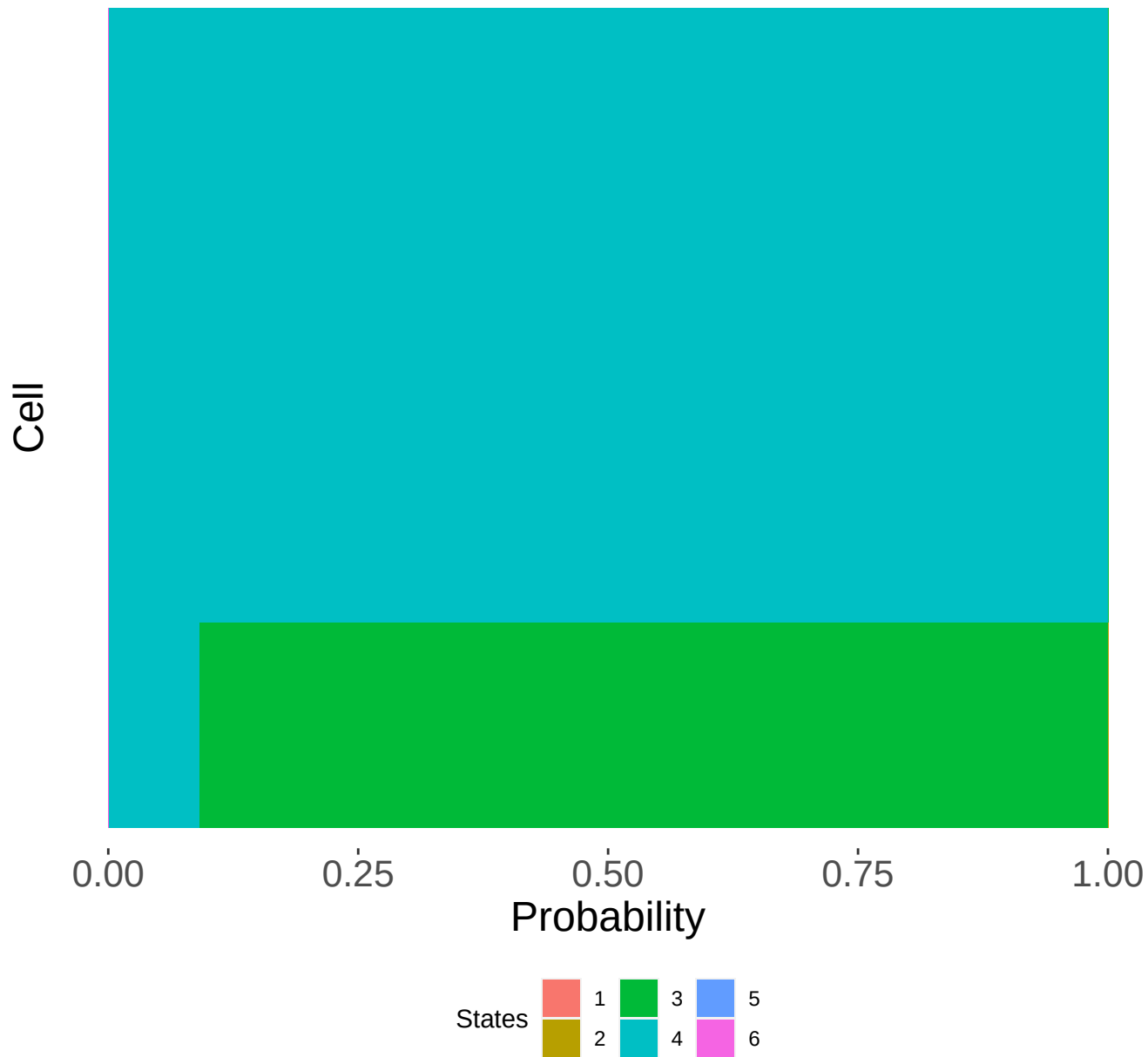
chr2-region_5665



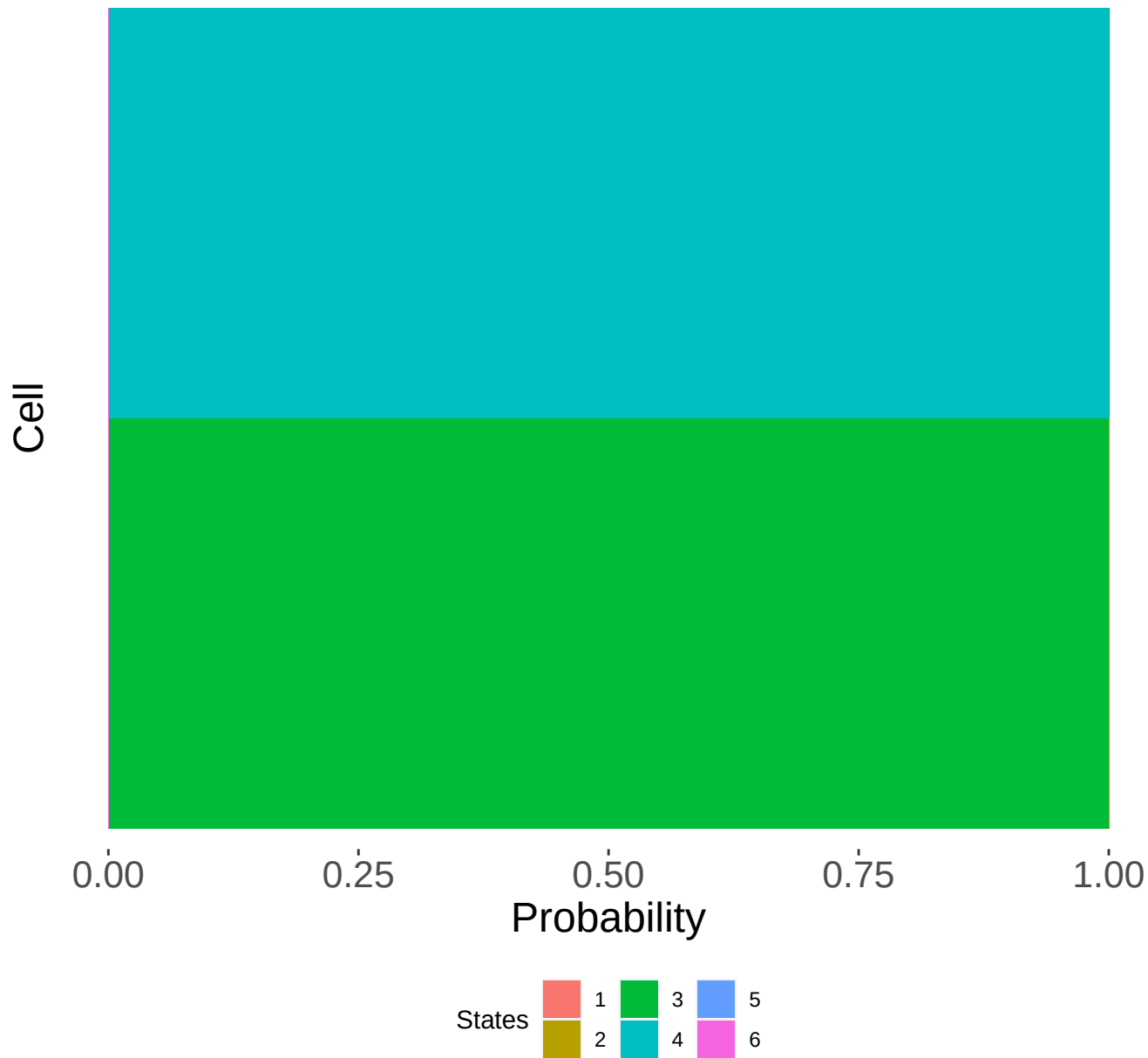
chr2-region_5667



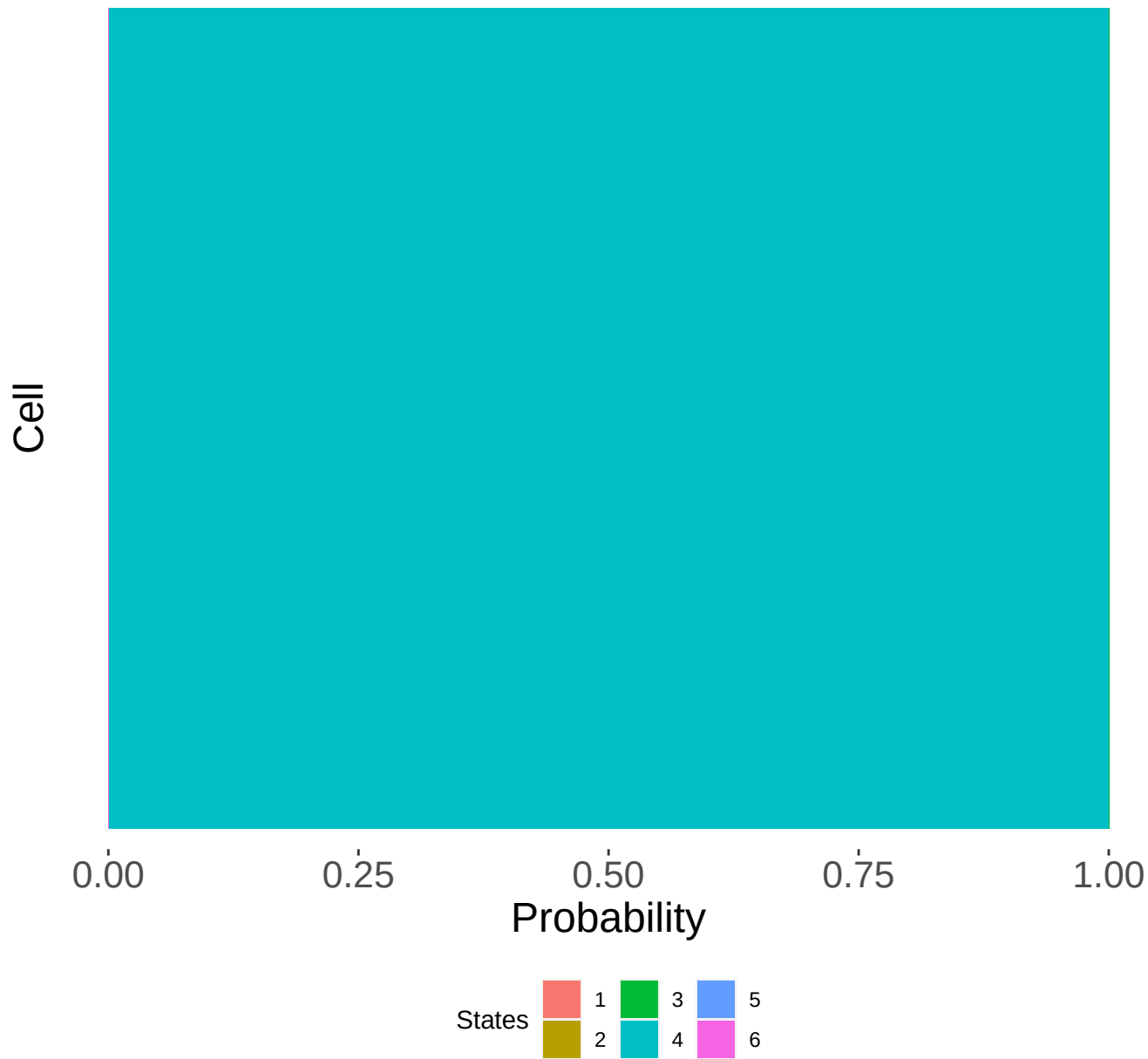
chr4-region_5670



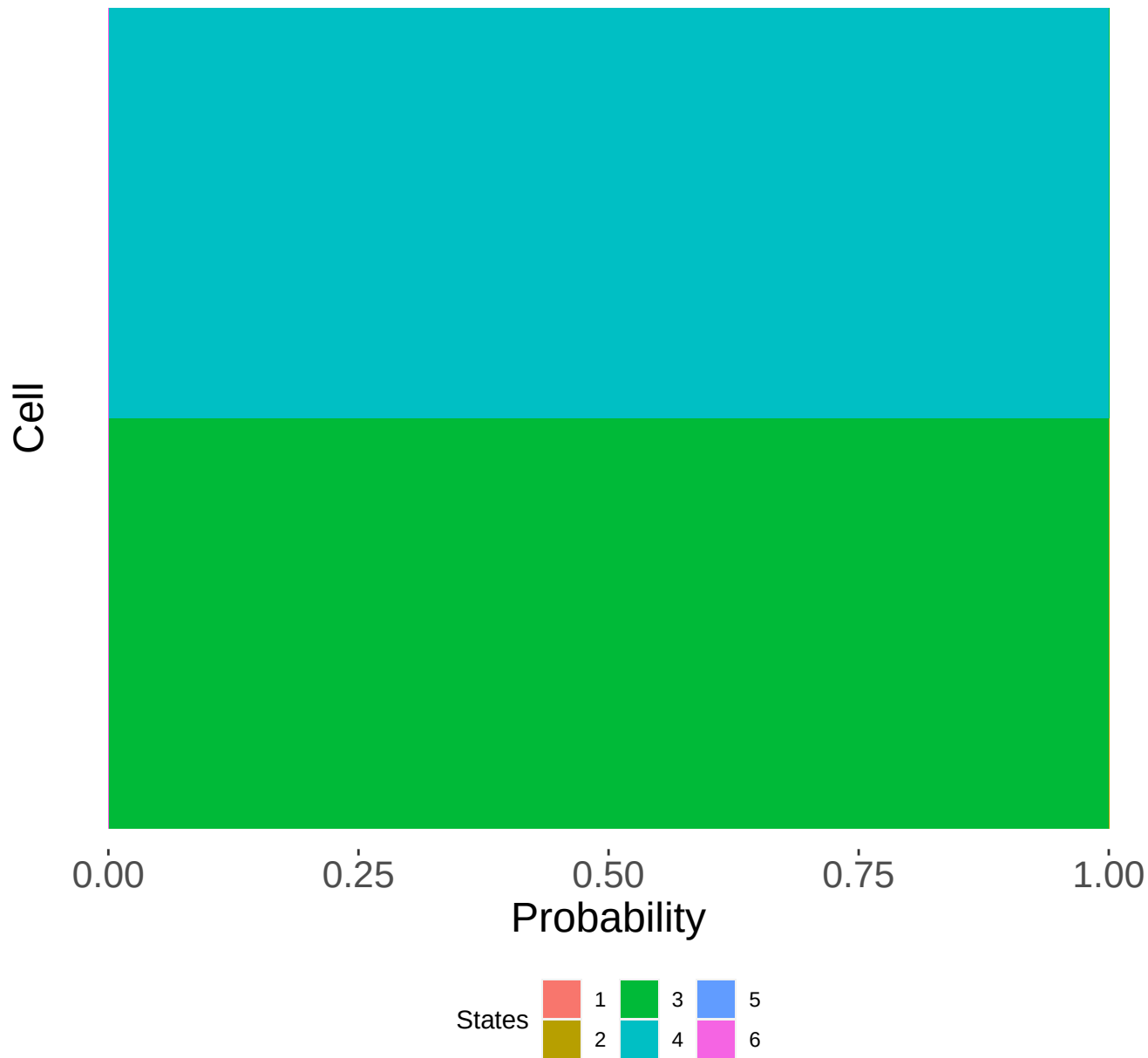
chr6-region_5674



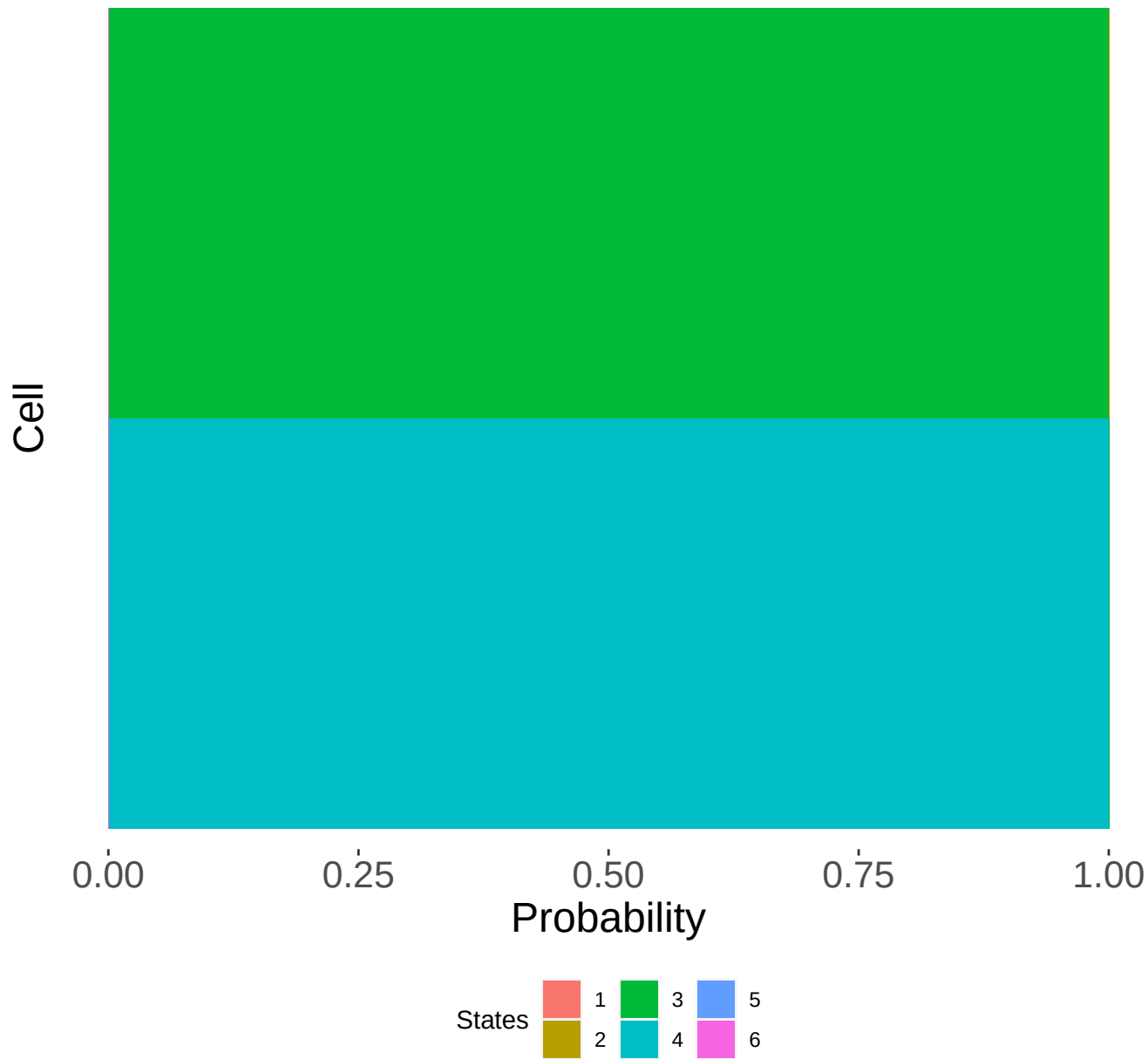
chr7-region_5677



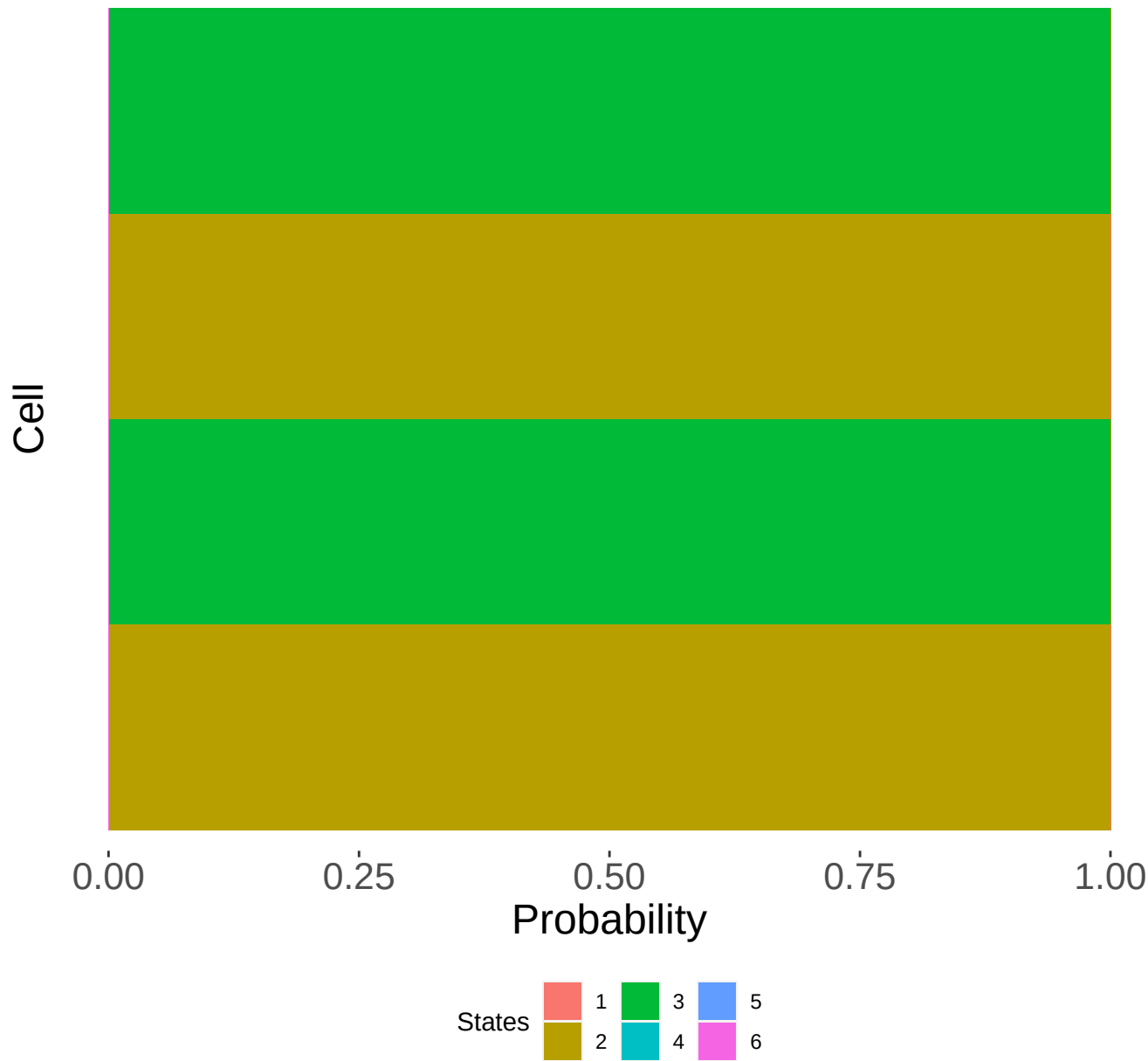
chr8-region_5680



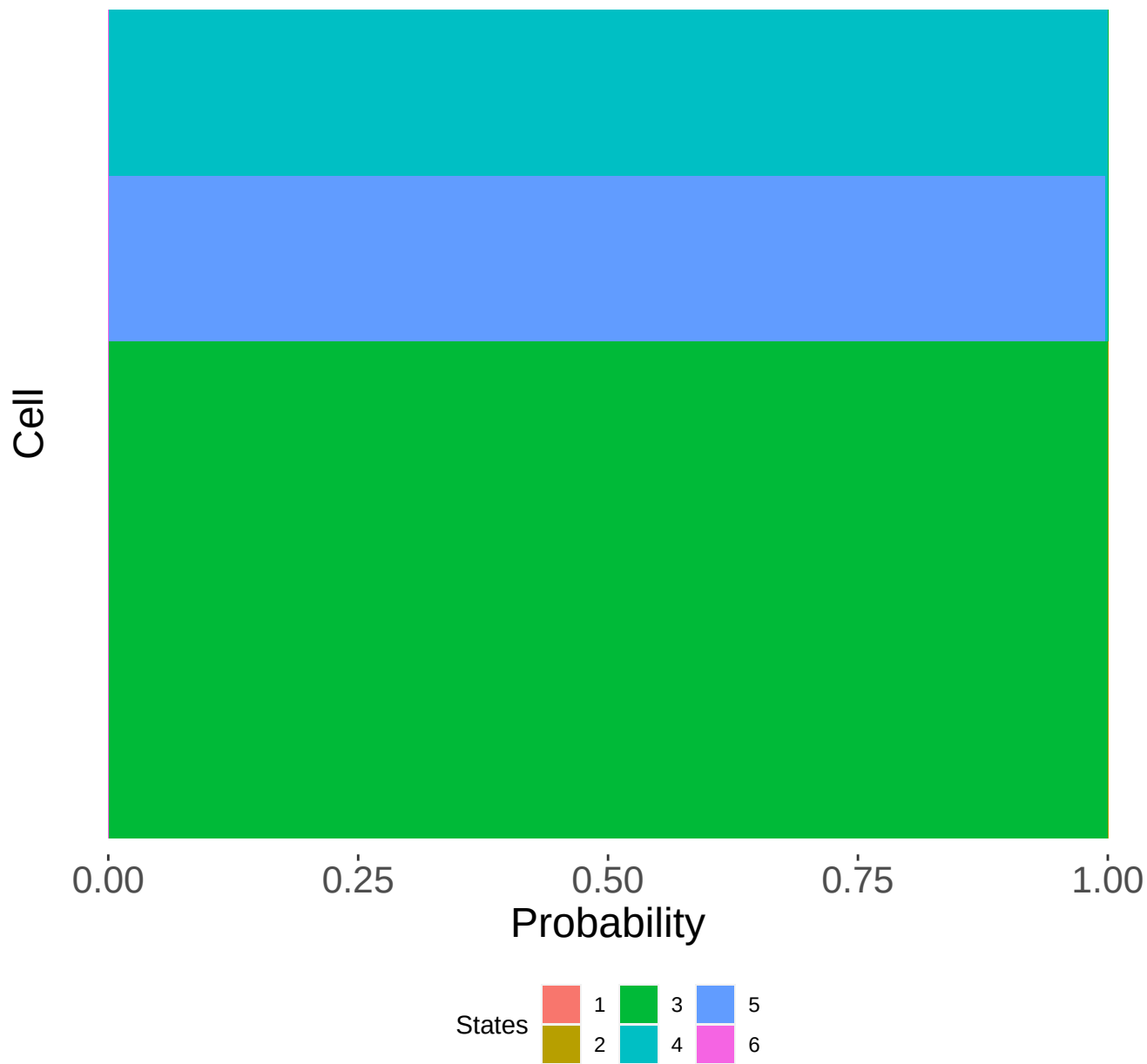
chr17-region_5689



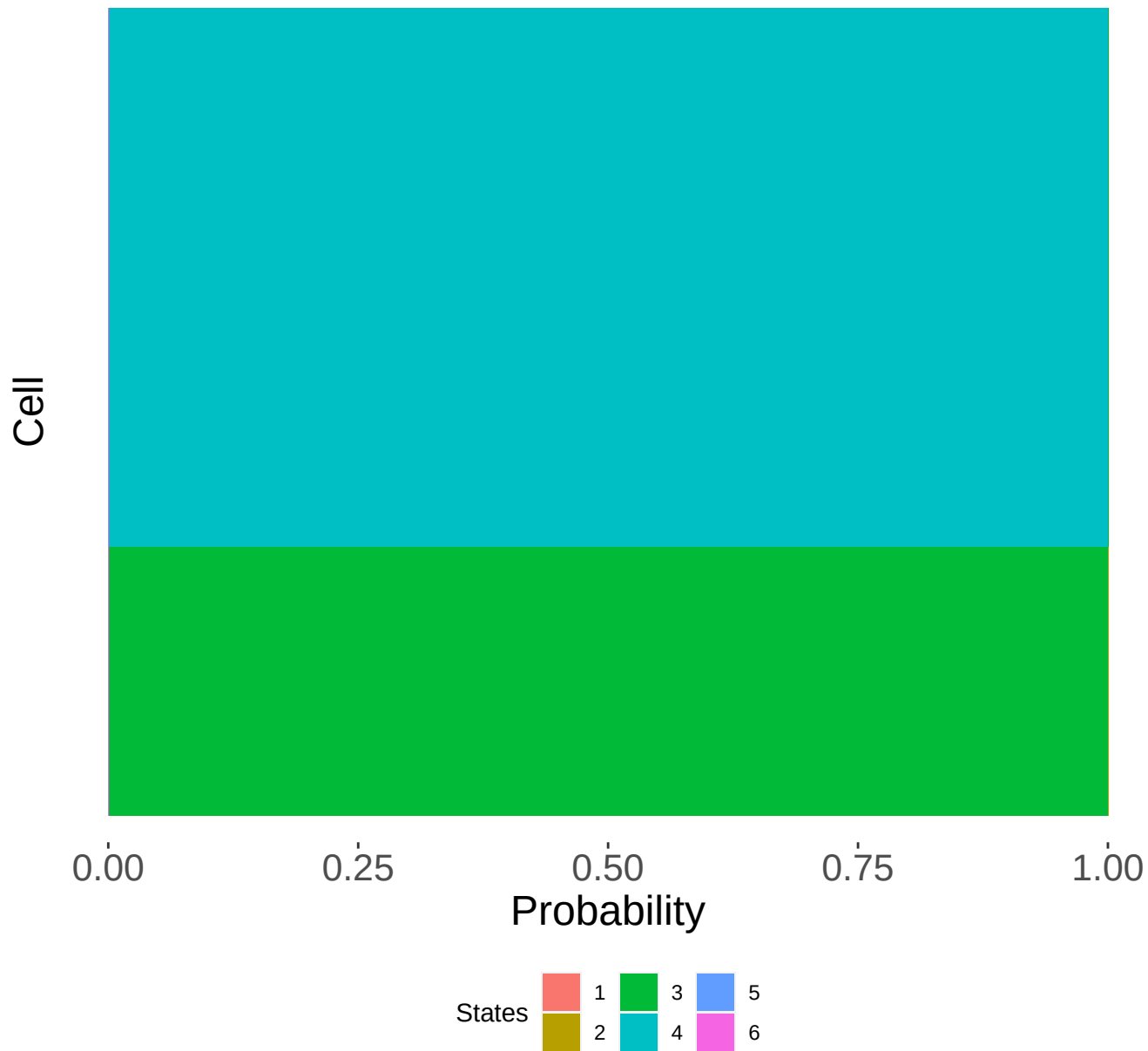
chr18-region_5692



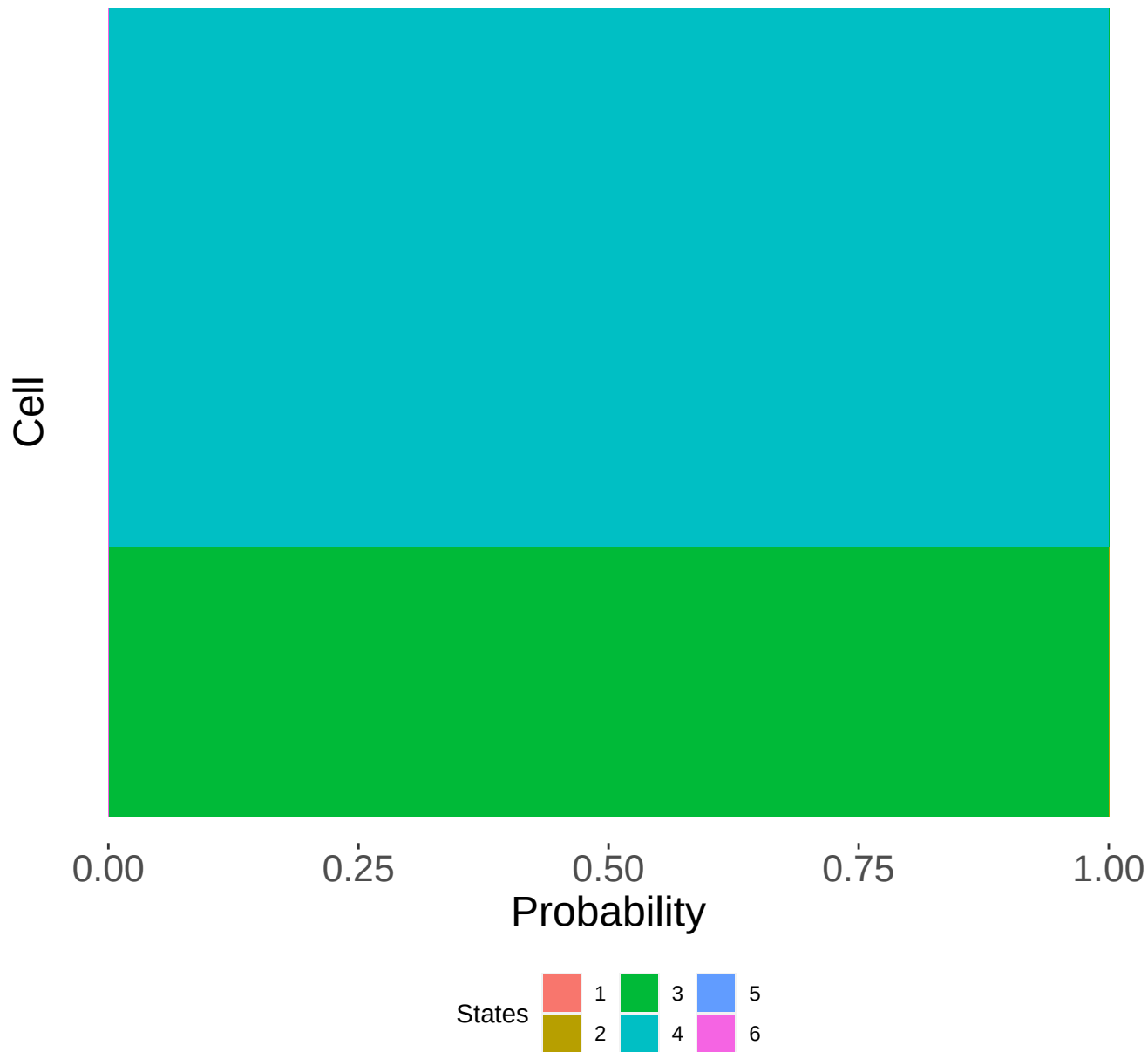
chr6-region_5720



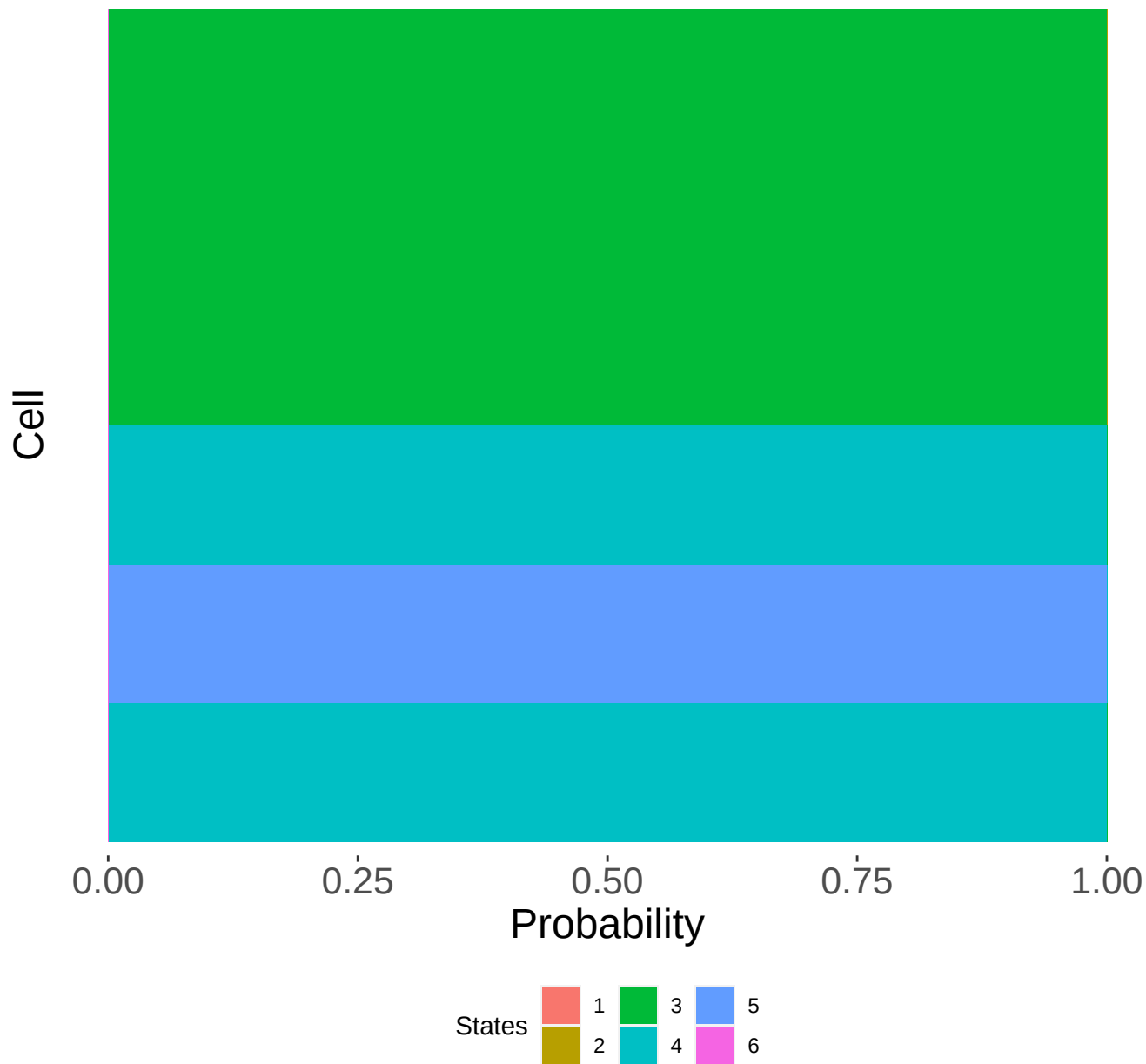
chr4-region_5738



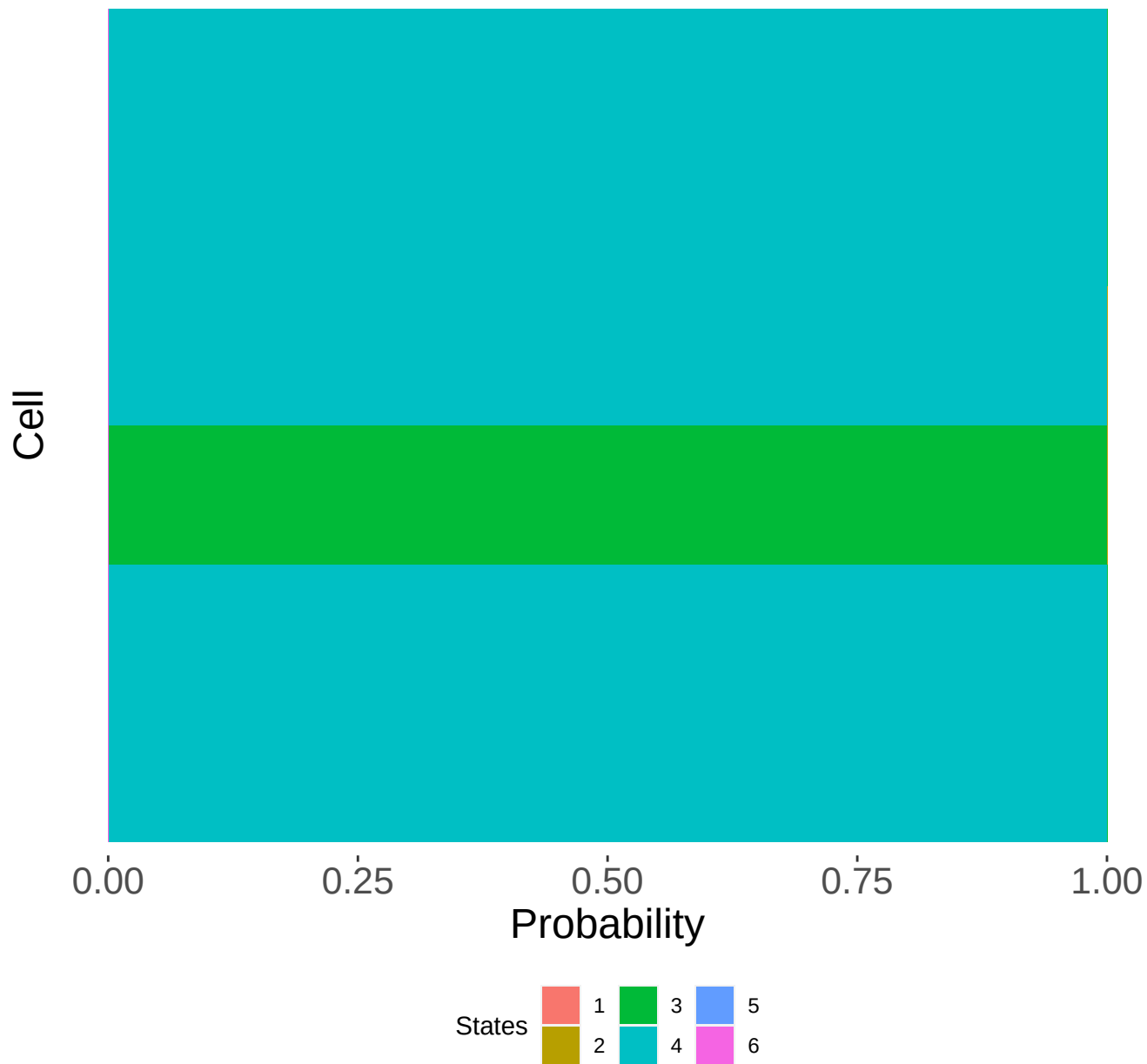
chr8-region_5742



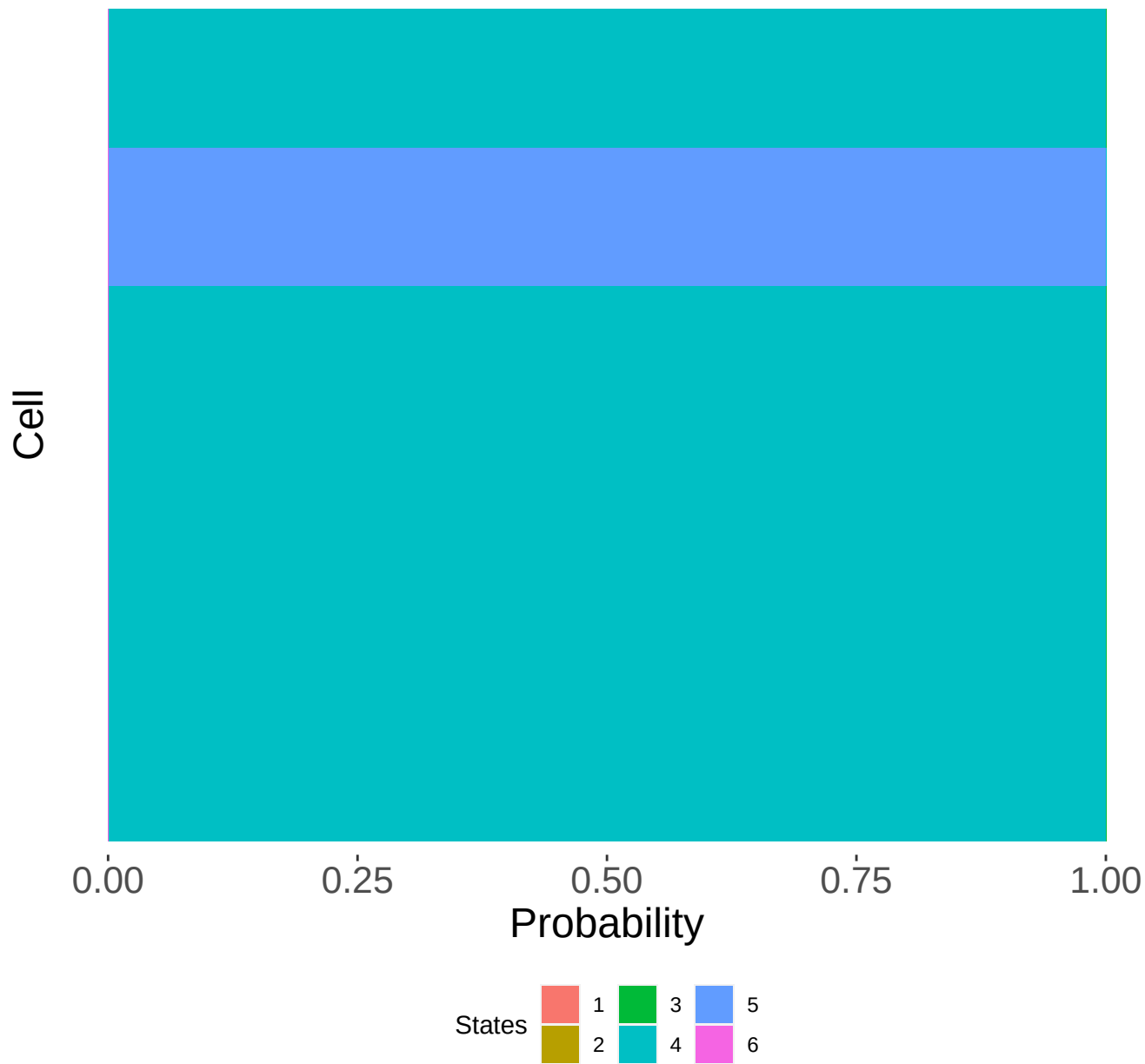
chr1-region_5755



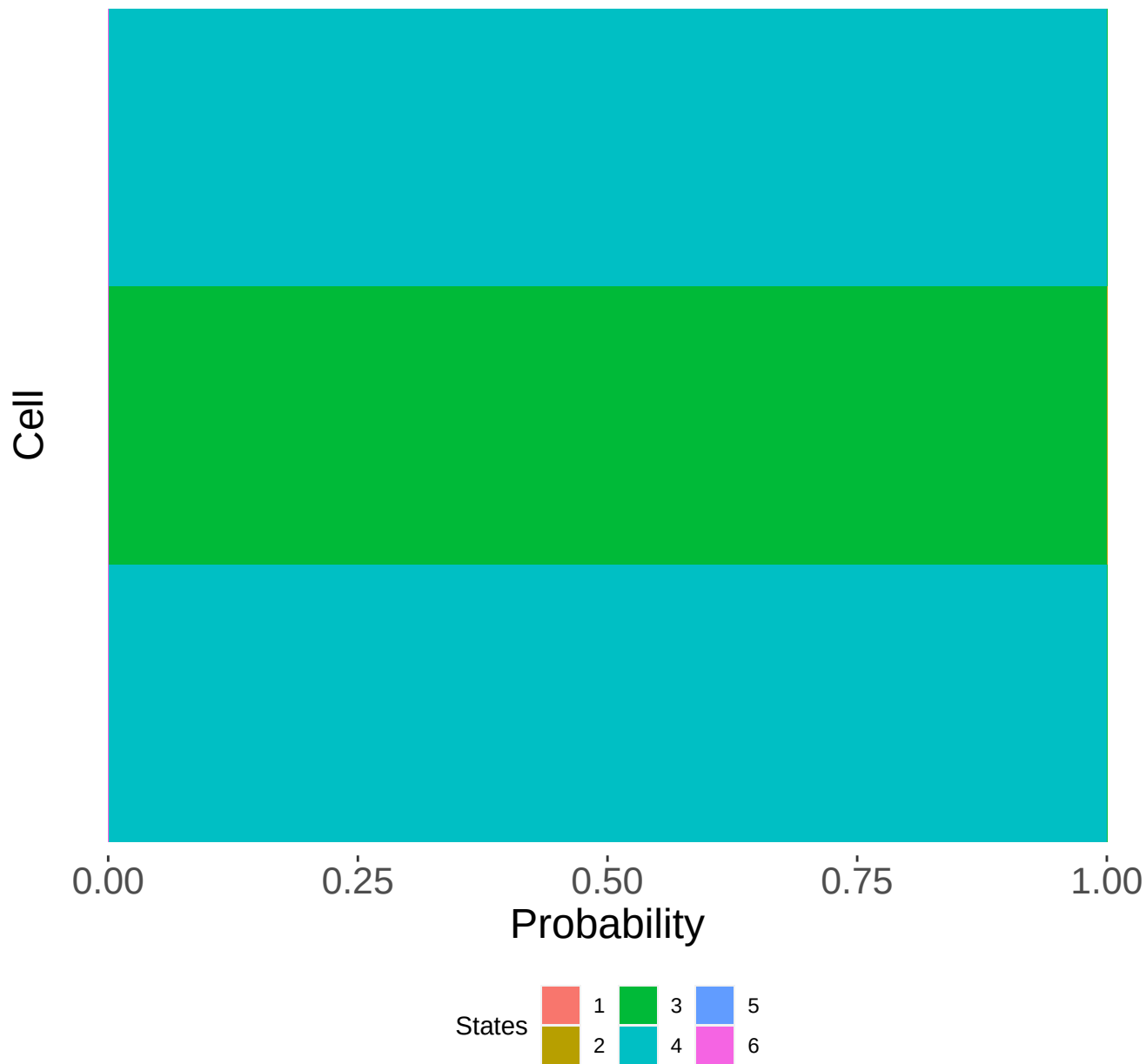
chr4-region_5760



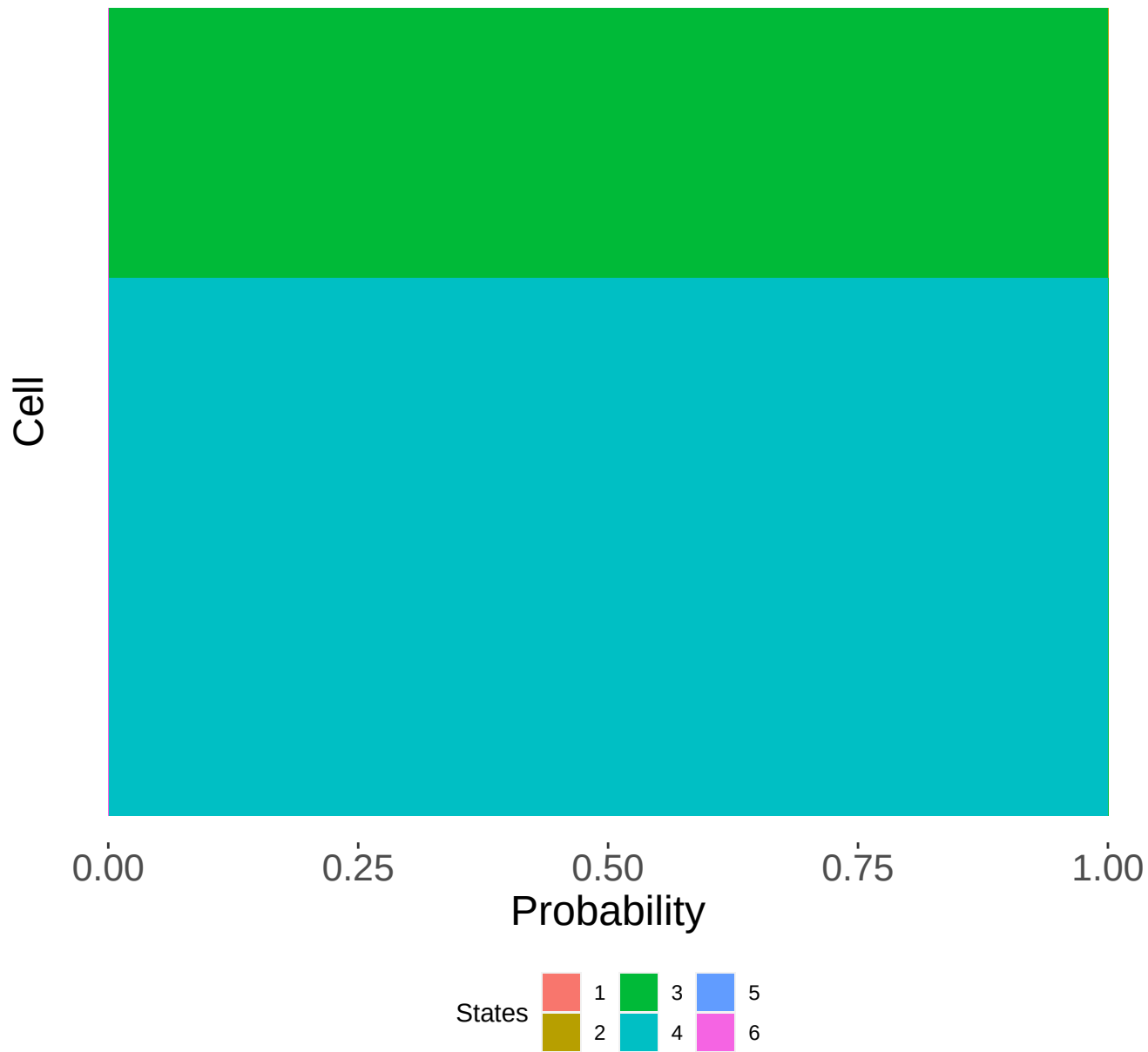
chr7-region_5764



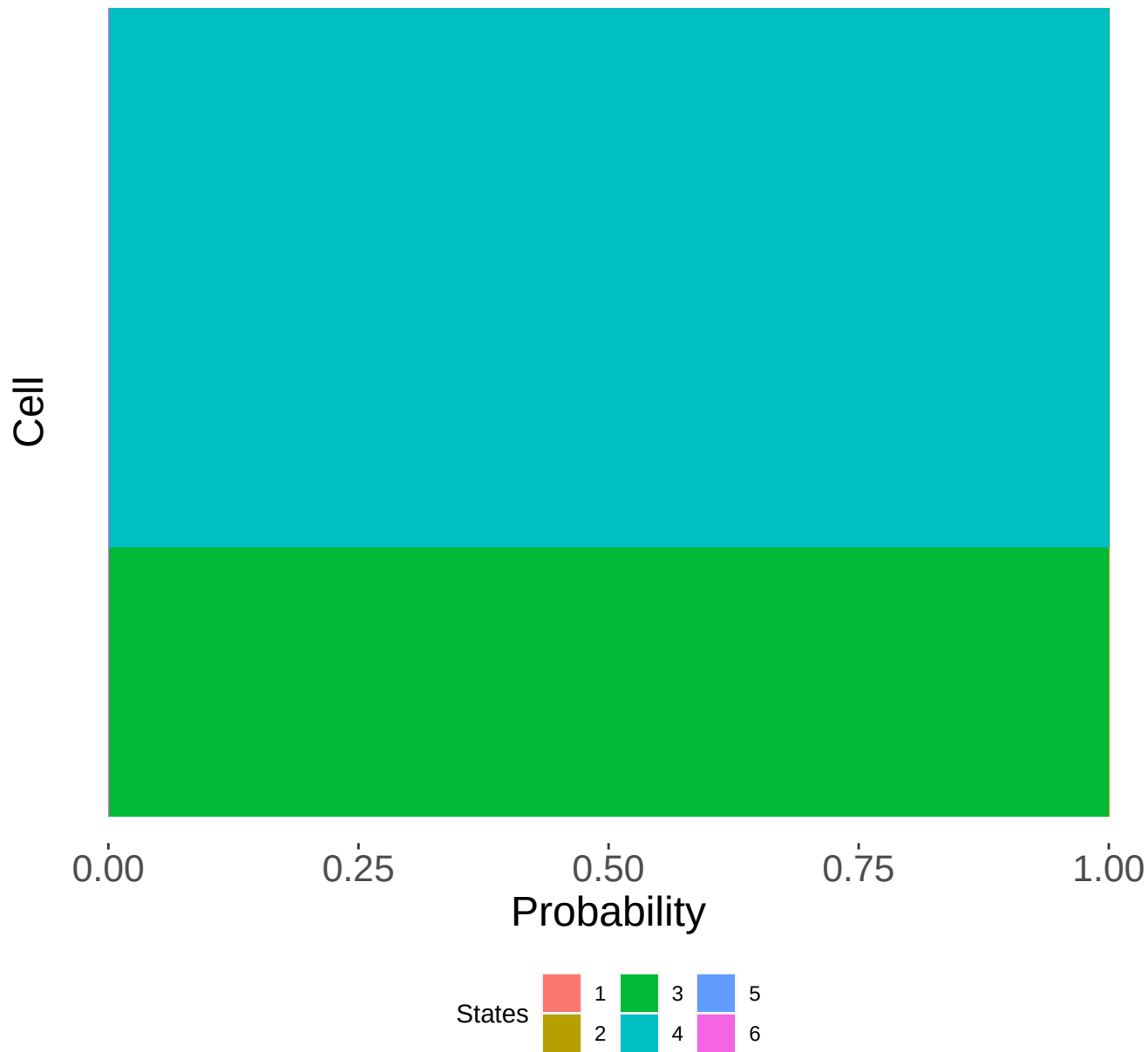
chr19-region_5778



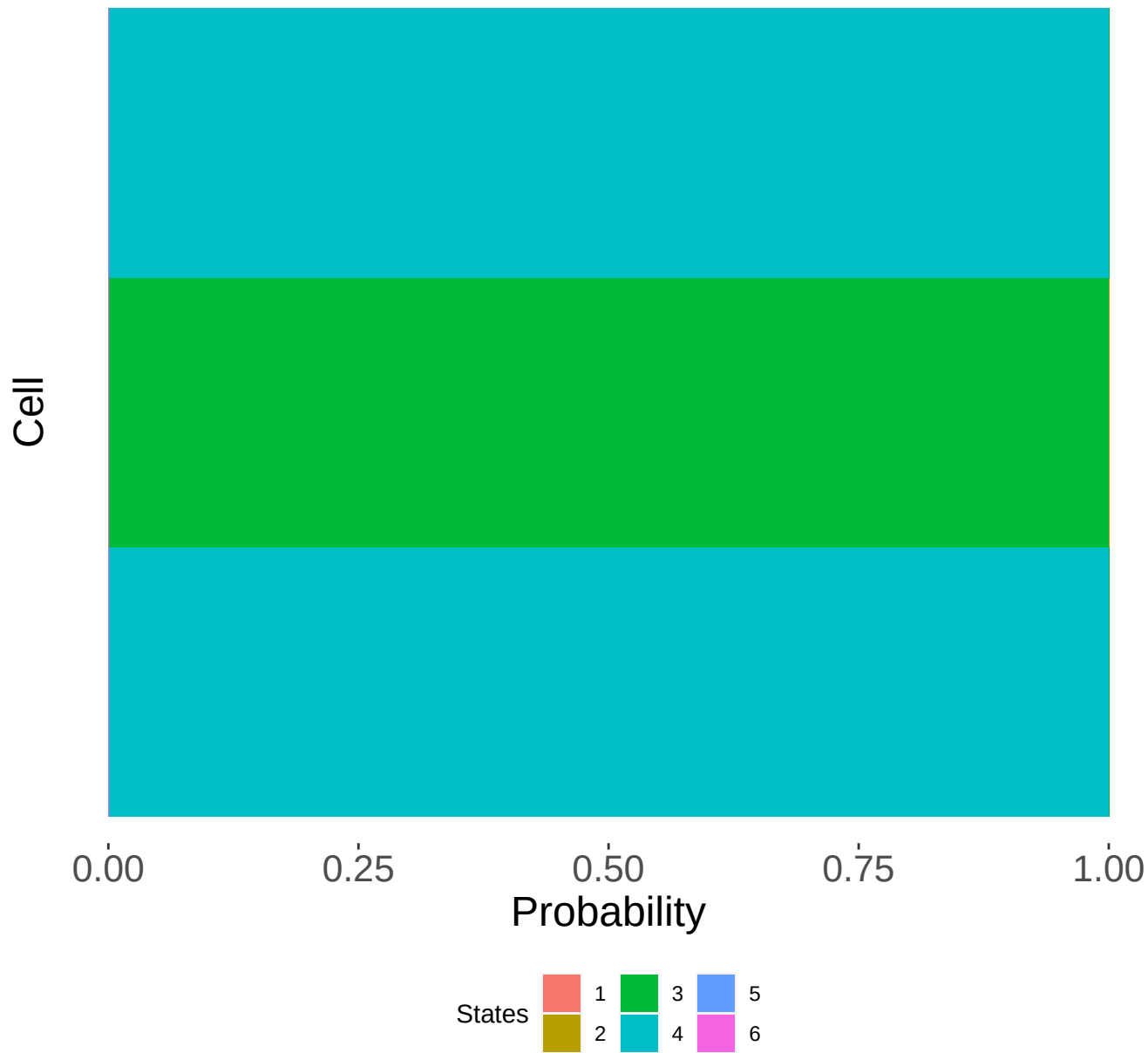
chr1-region_5780



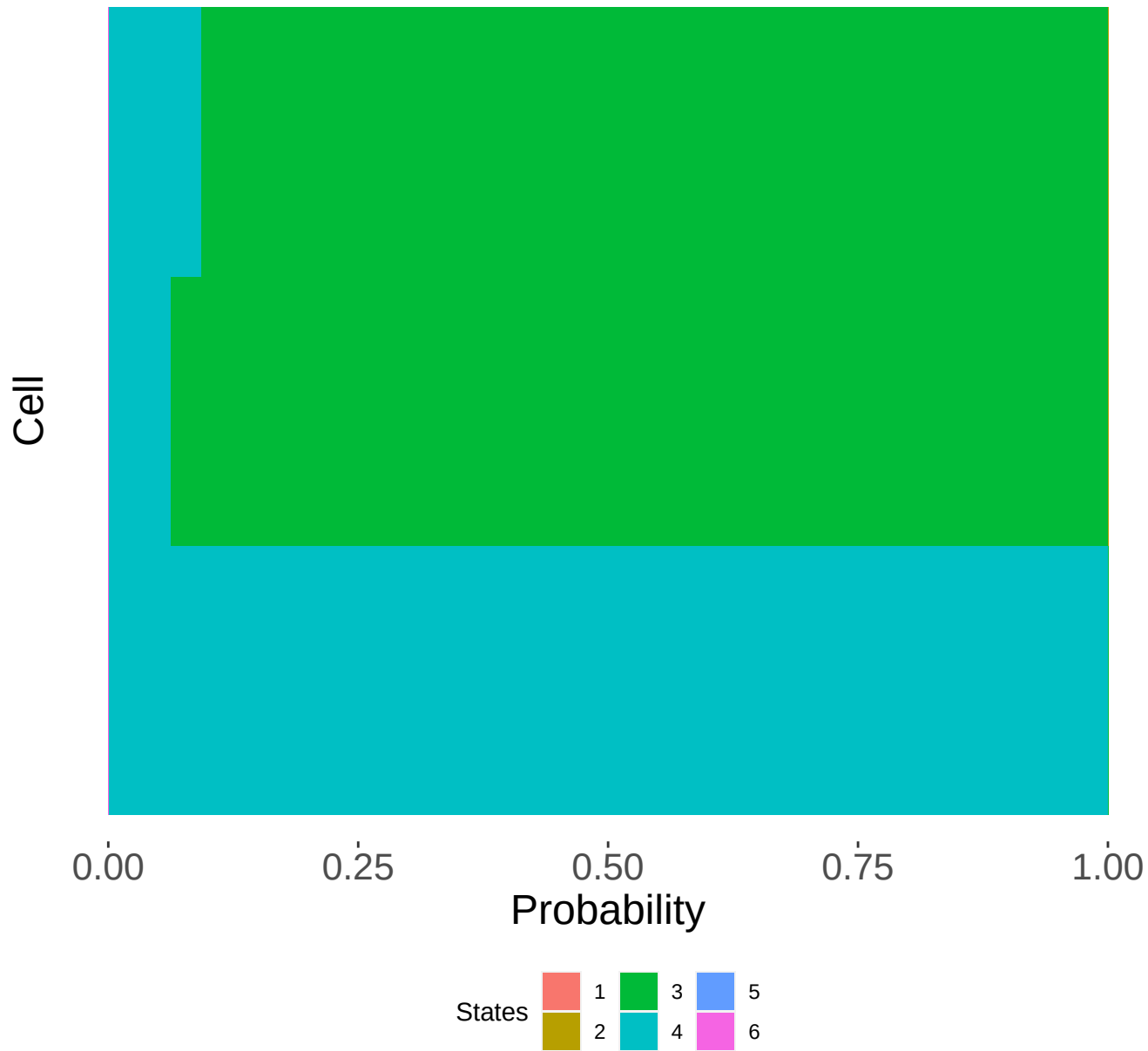
chr2-region_5782



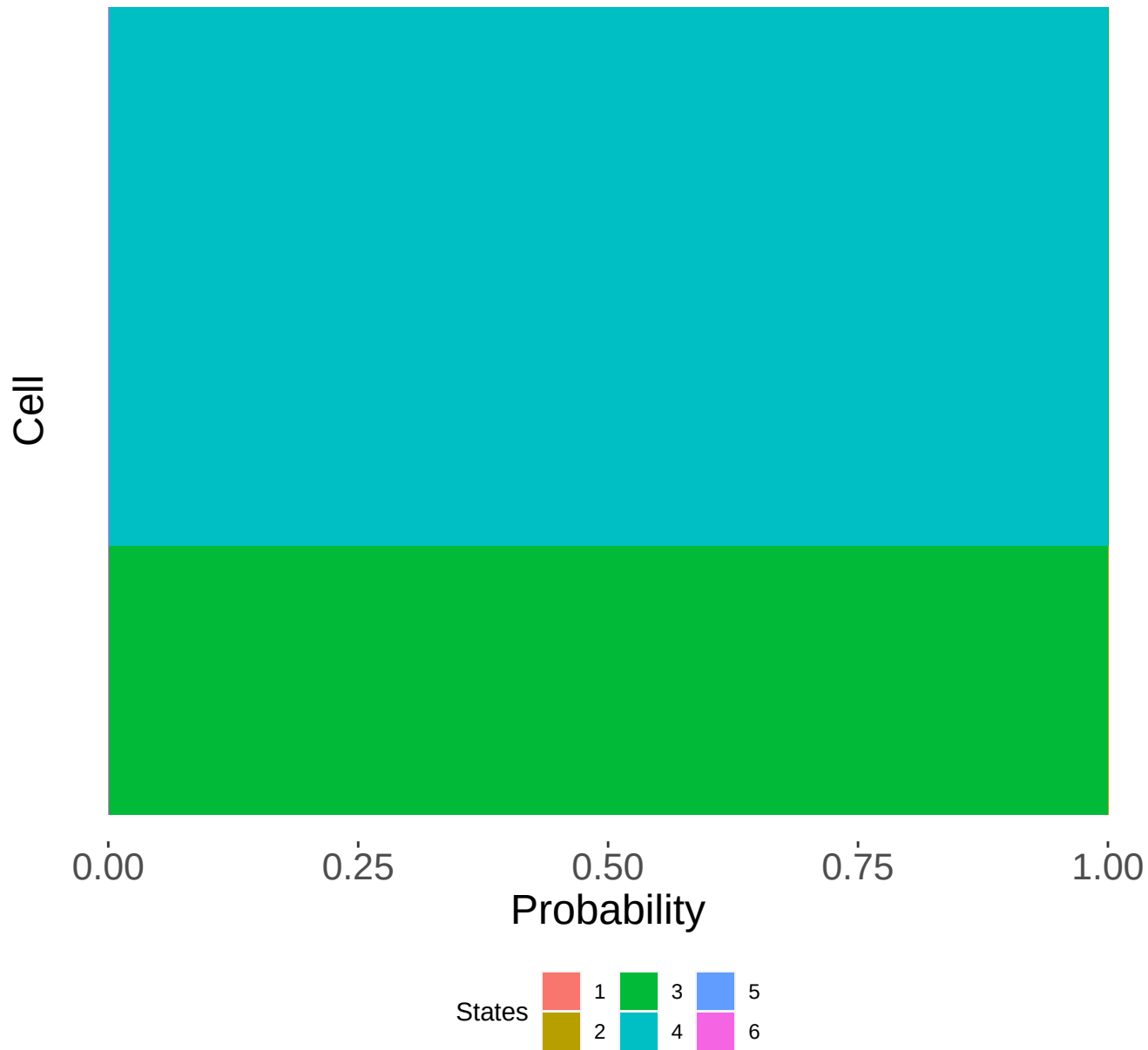
chr2-region_5784



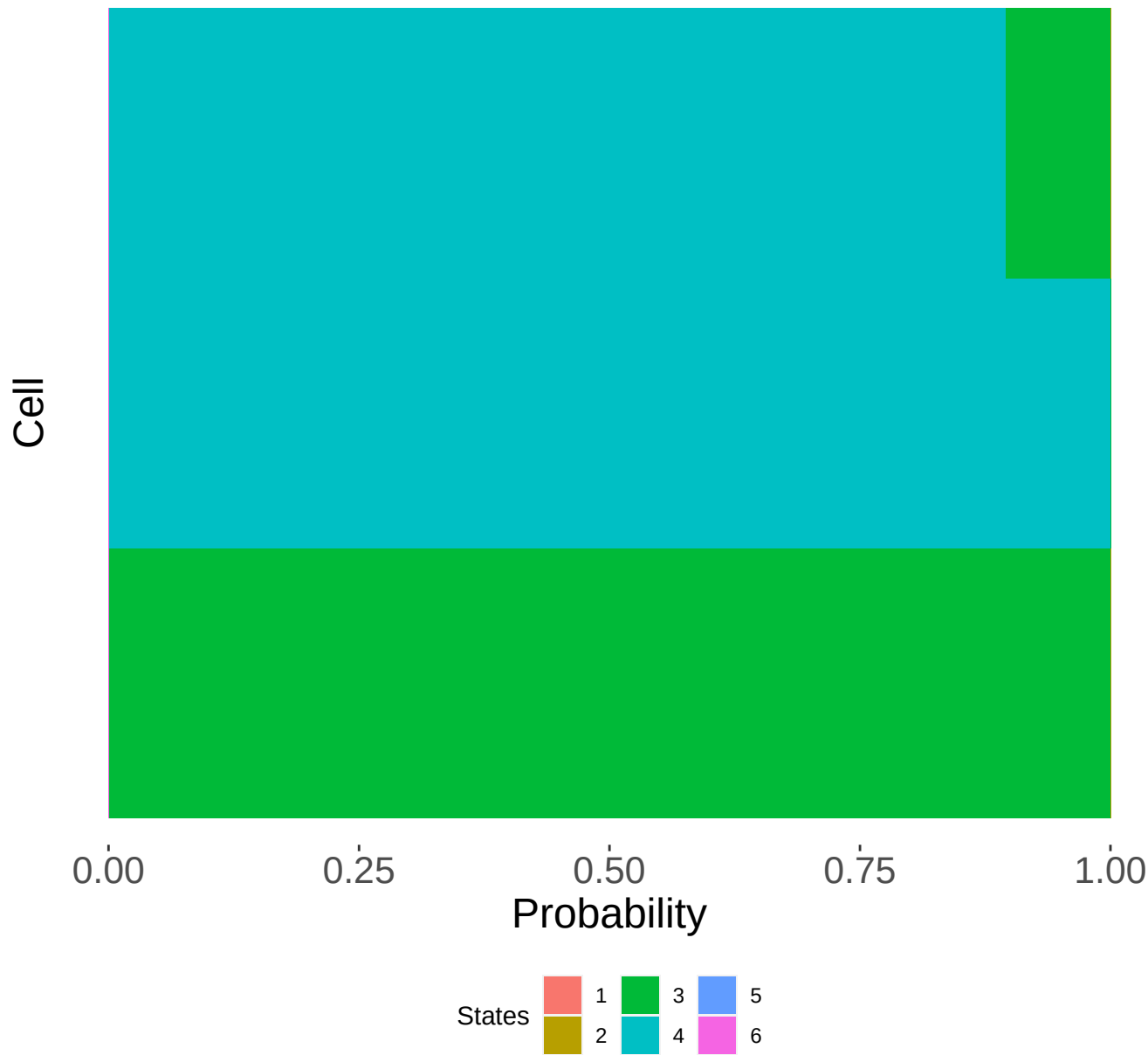
chr4-region_5788



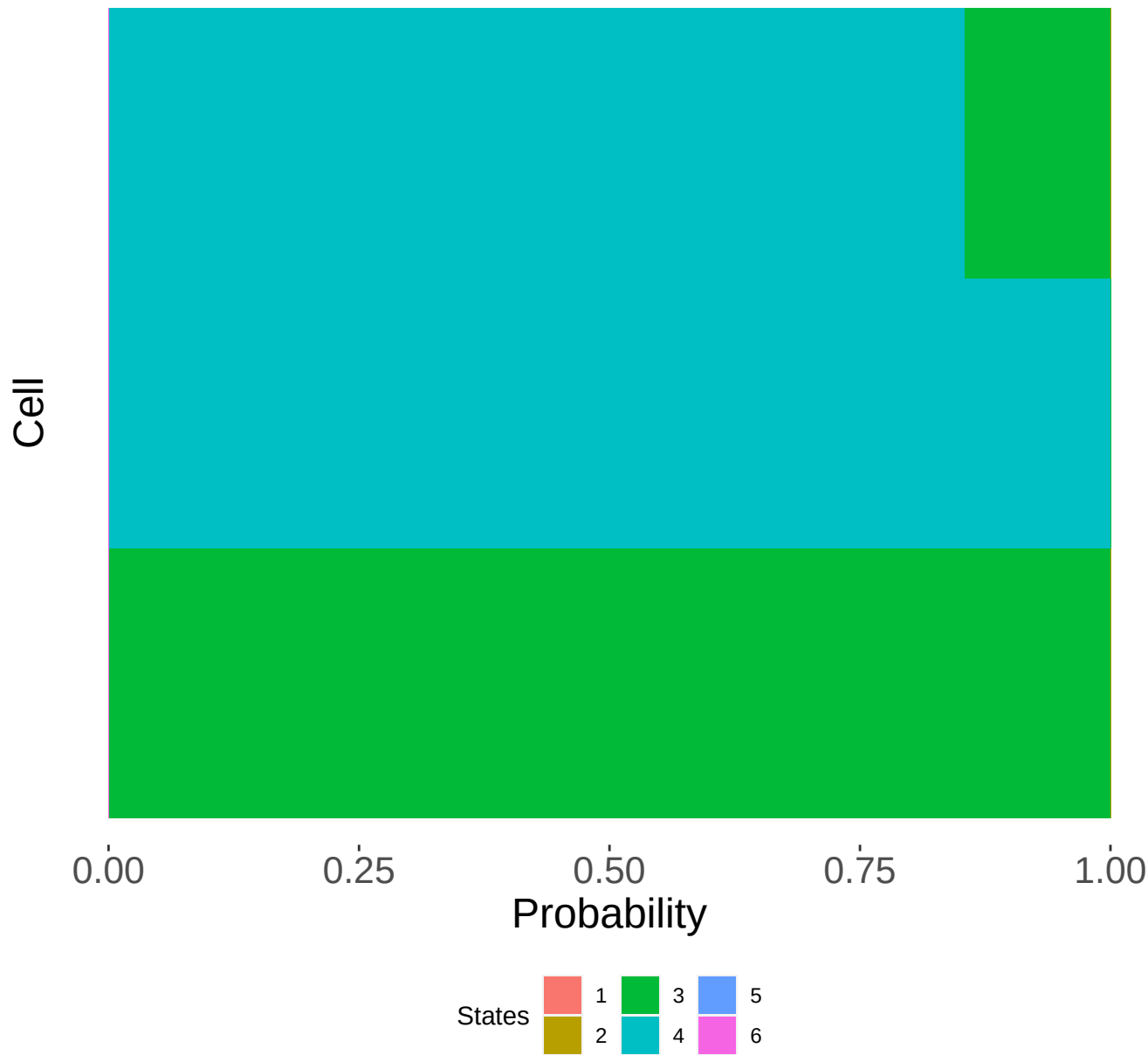
chr5-region_5790



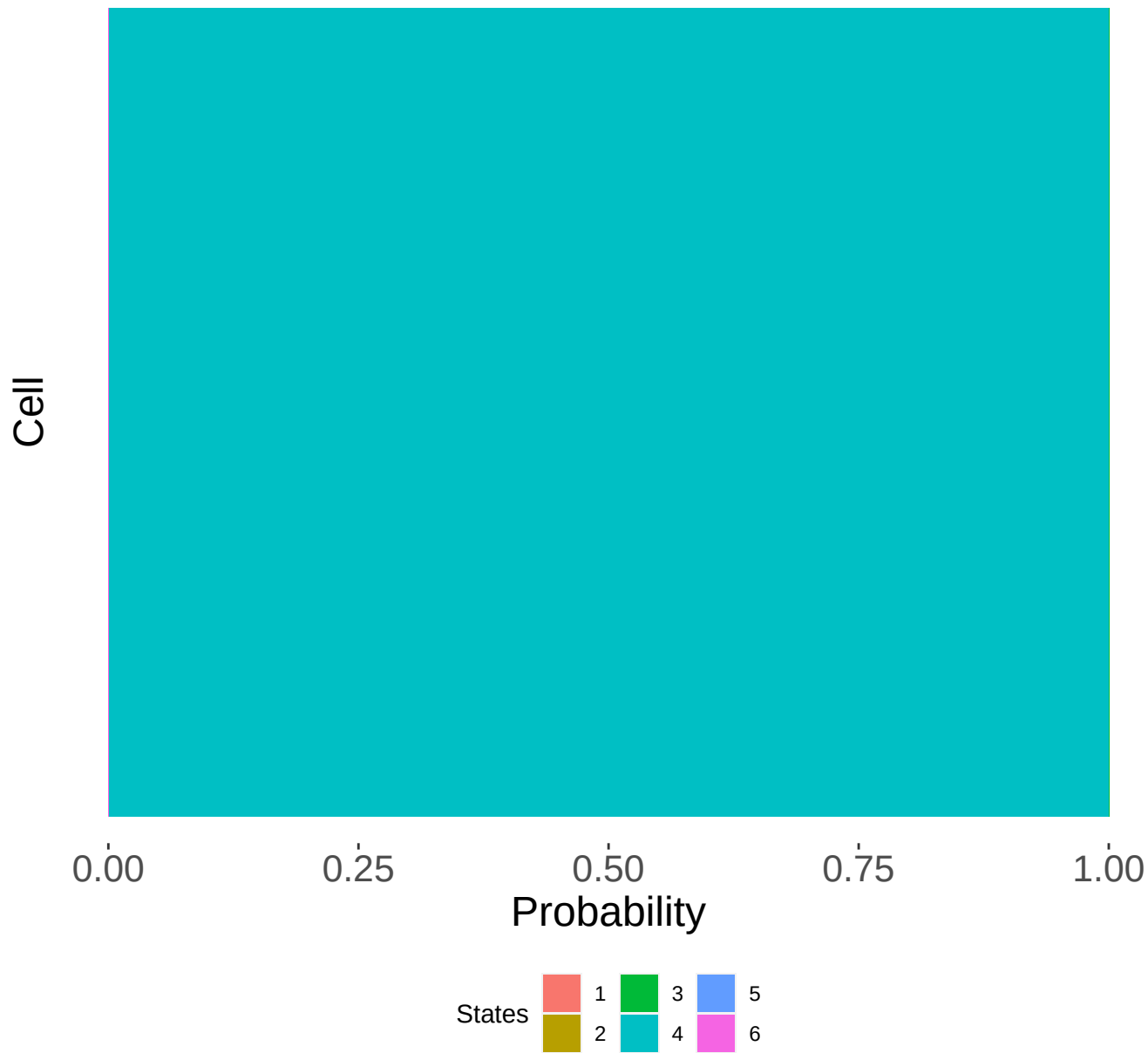
chr7-region_5793



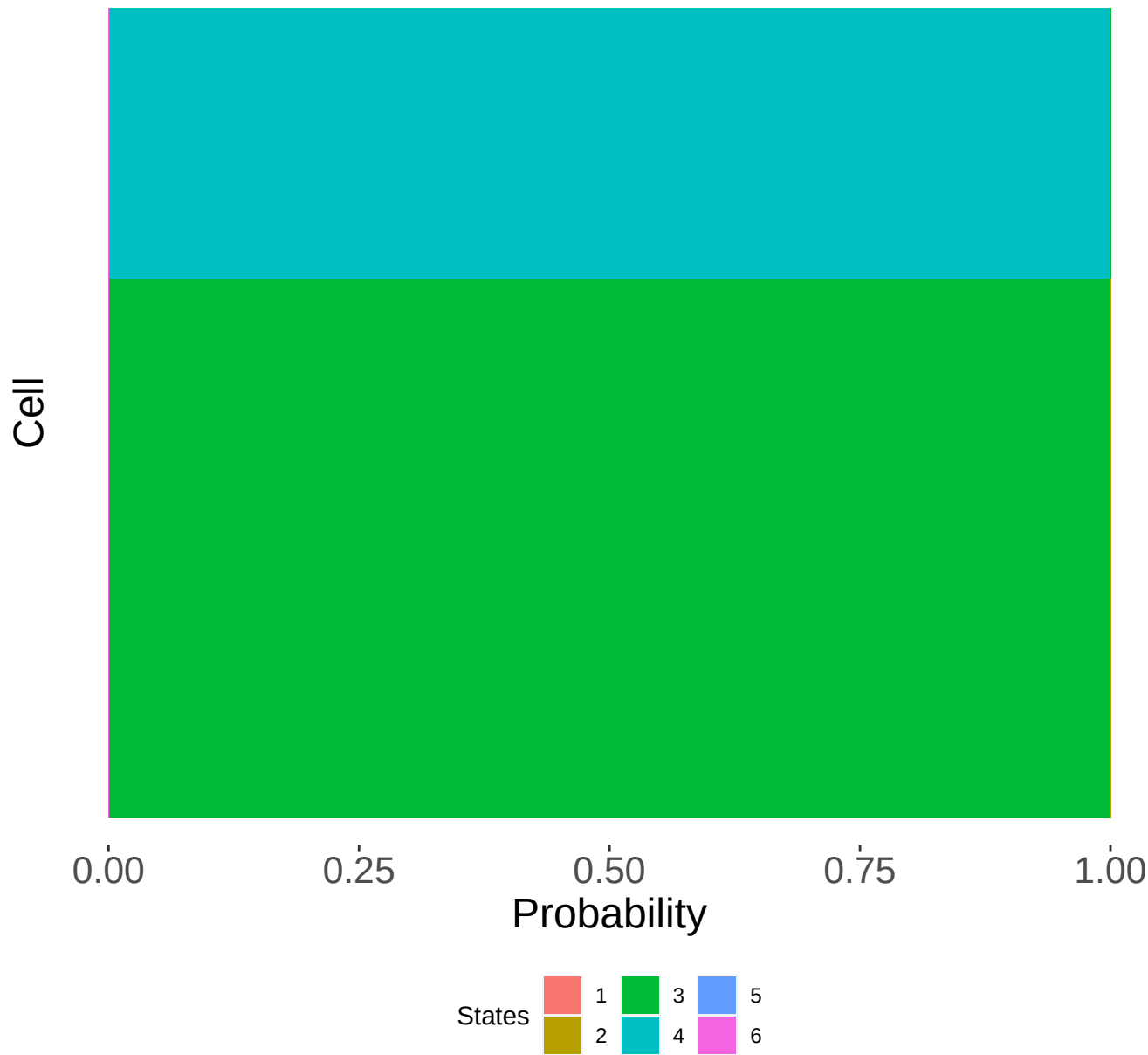
chr10-region_5797



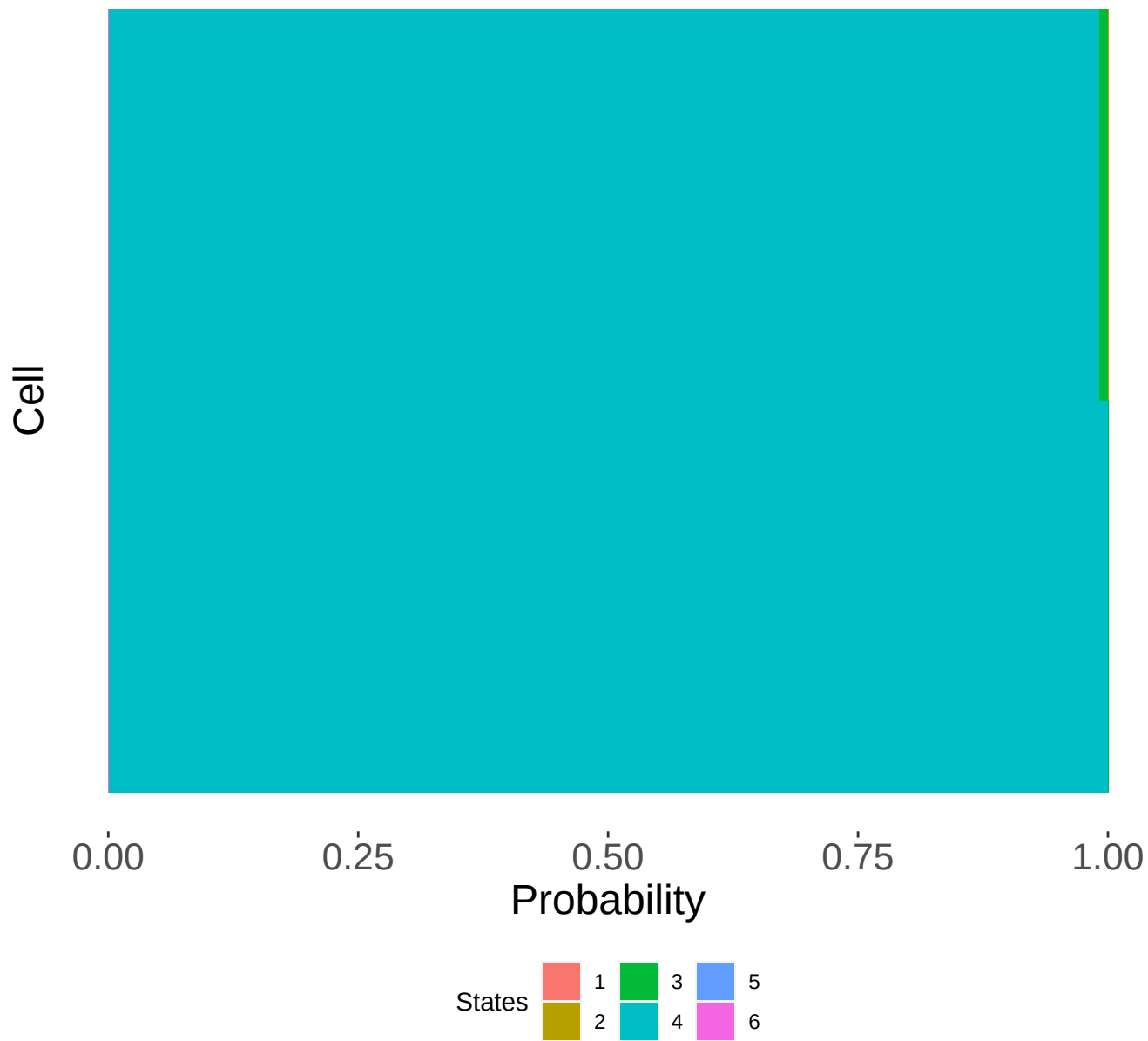
chr18-region_5807



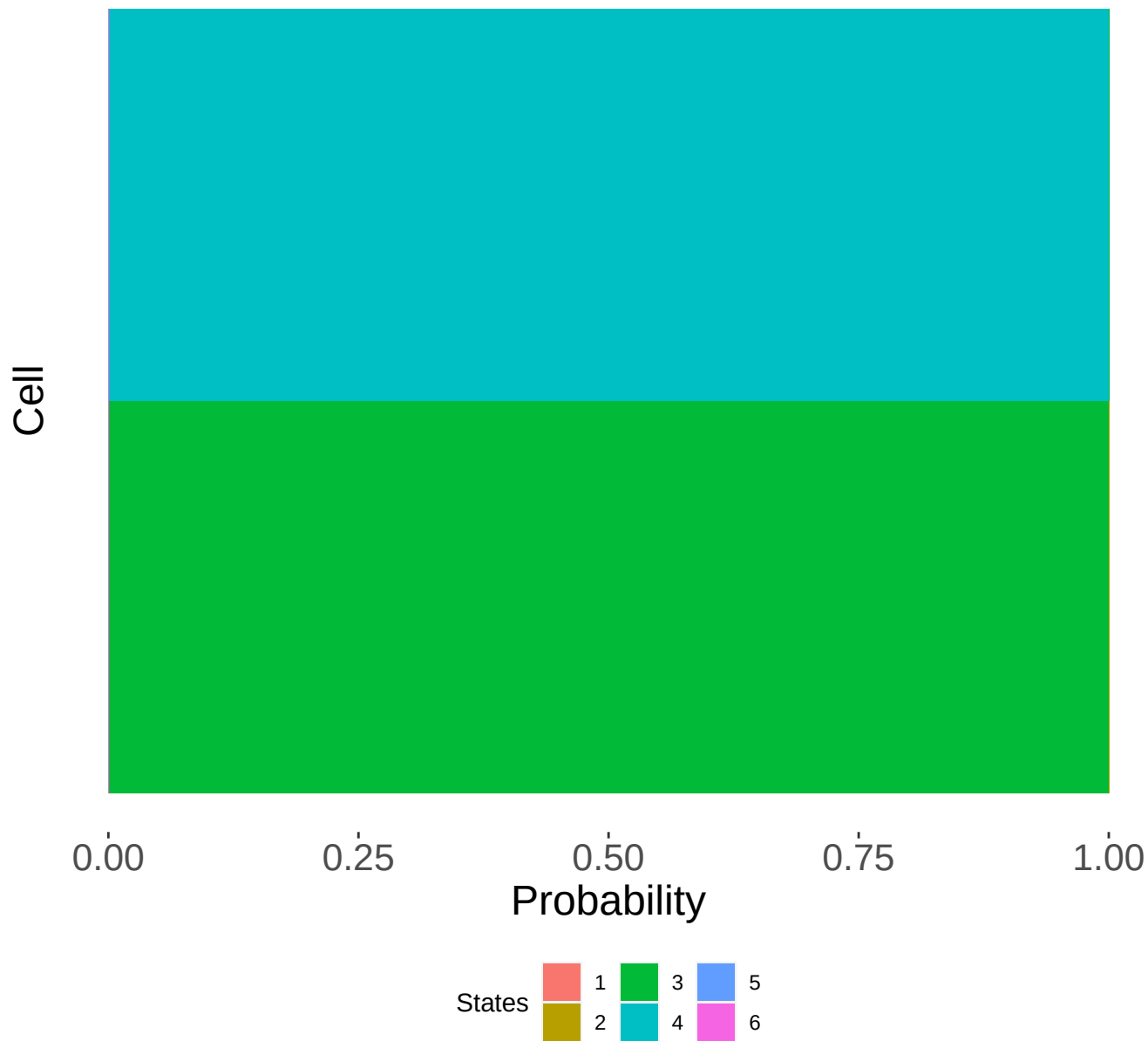
chr19-region_5809



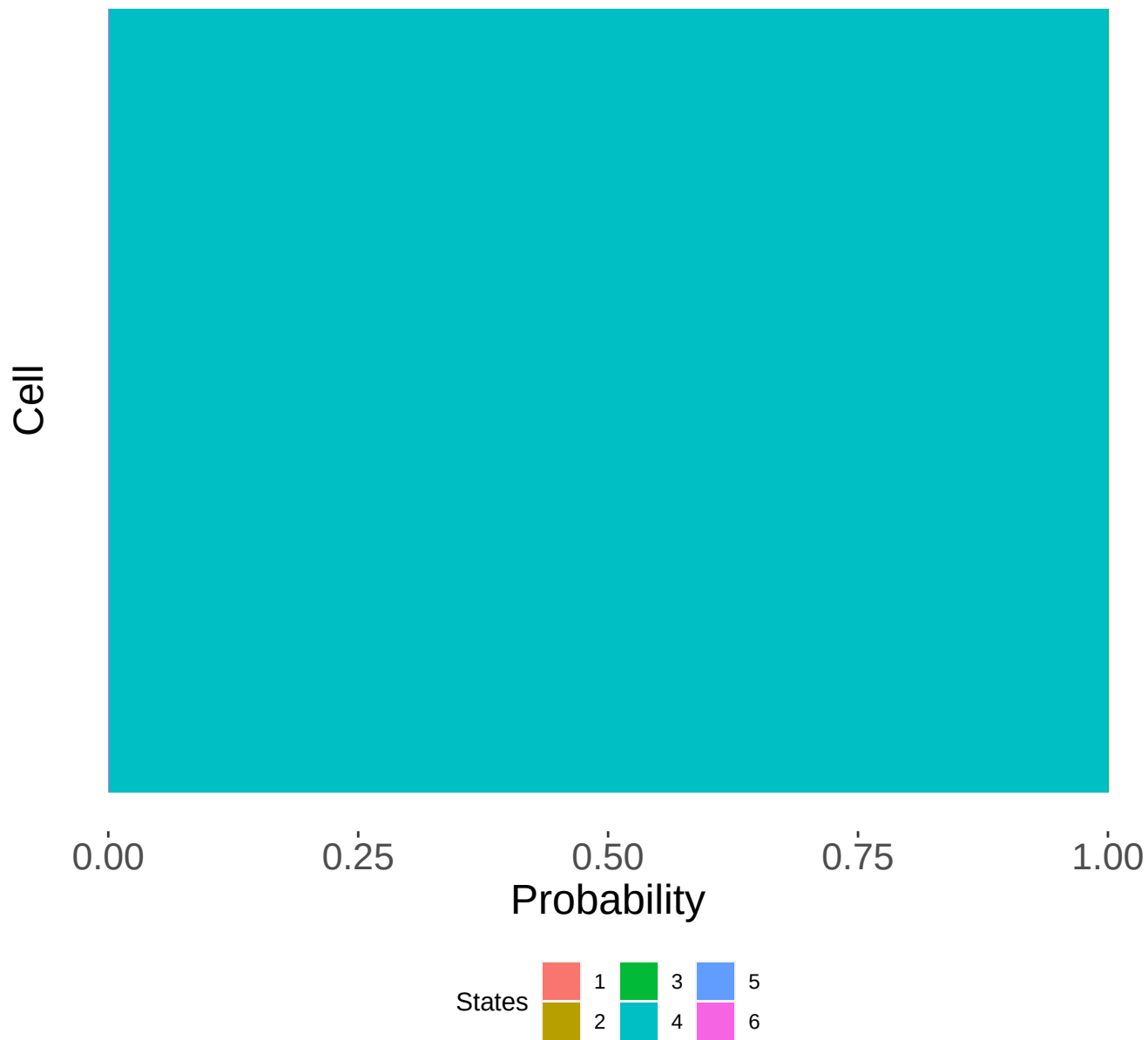
chr2-region_5813



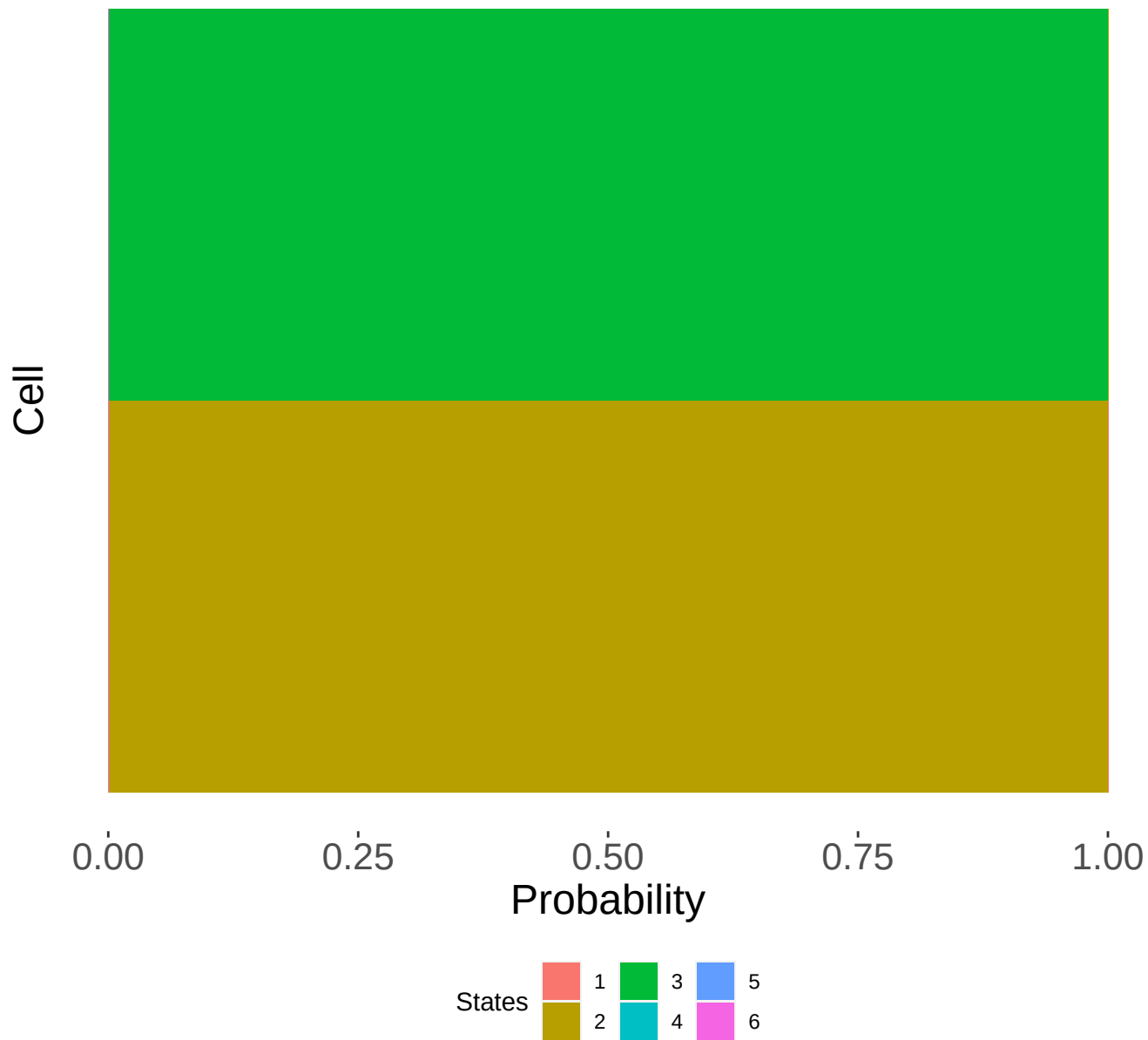
chr3-region_5816



chr5-region_5820



chr7-region_5824



chr8-region_5827

