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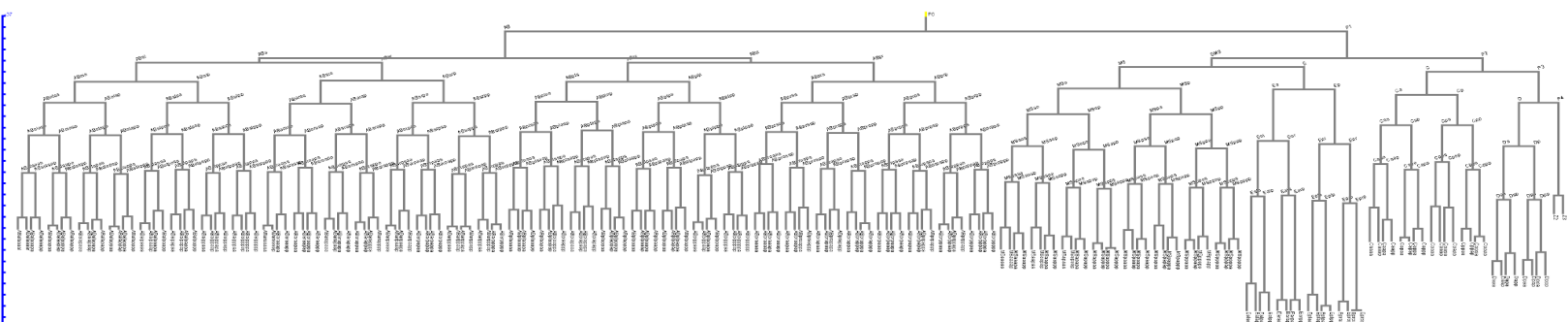


Figure 1: Edited lineage of N2\_s1\_emb1\_020923 using embGAN generated images

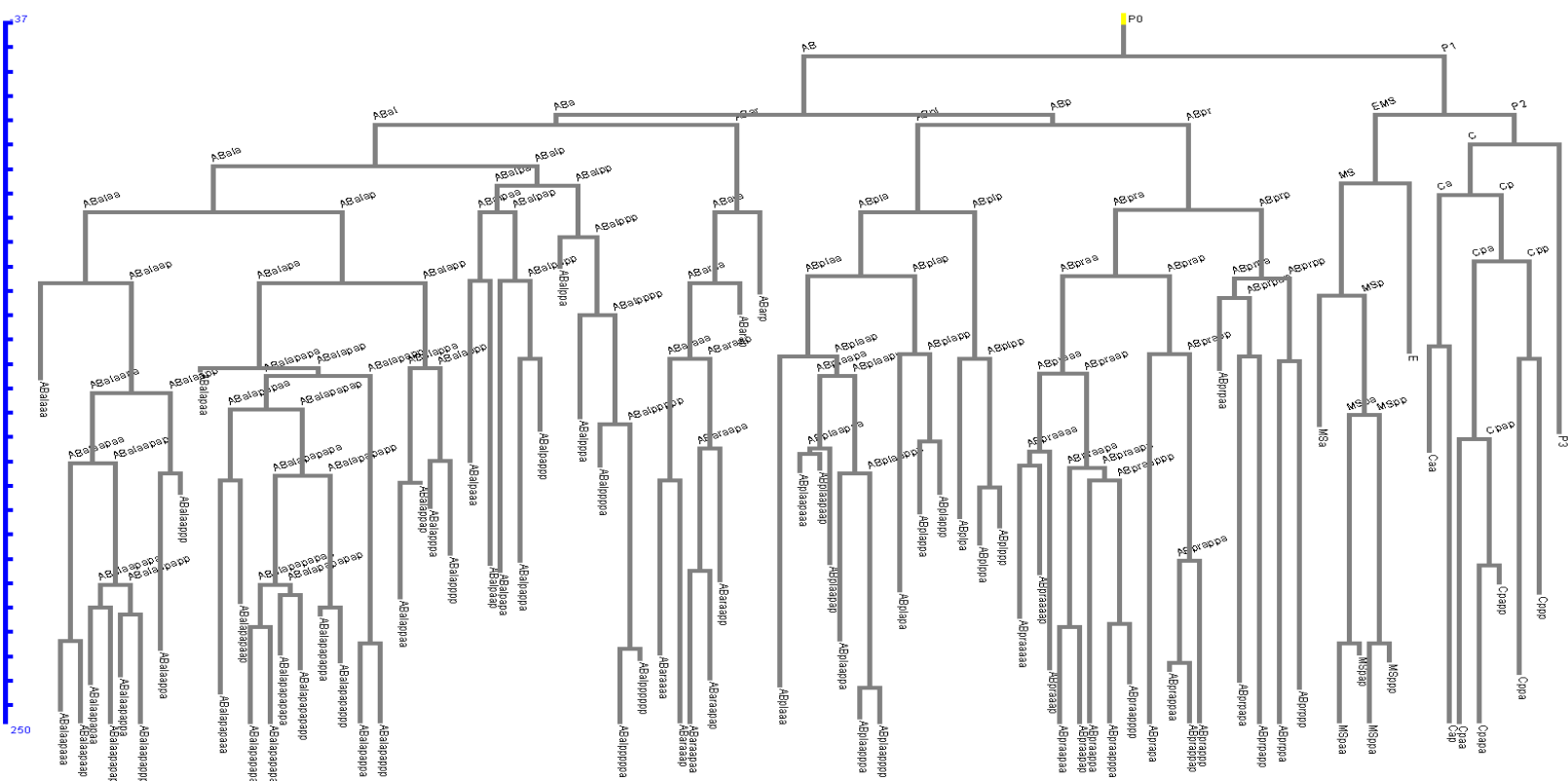


Figure 2: Lineage of N2\_s1\_emb1\_020923 edited only until the 8 cell stage using embGAN generated images

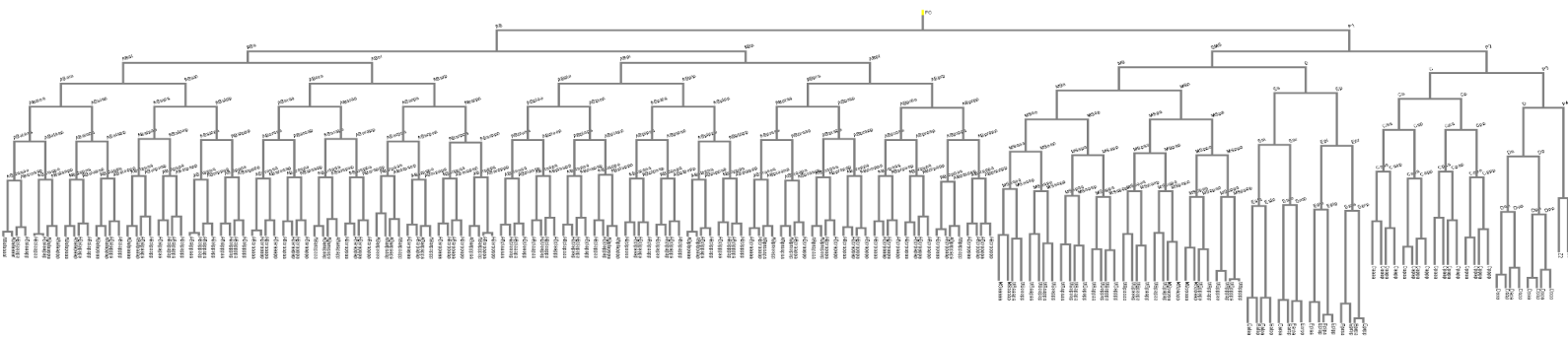
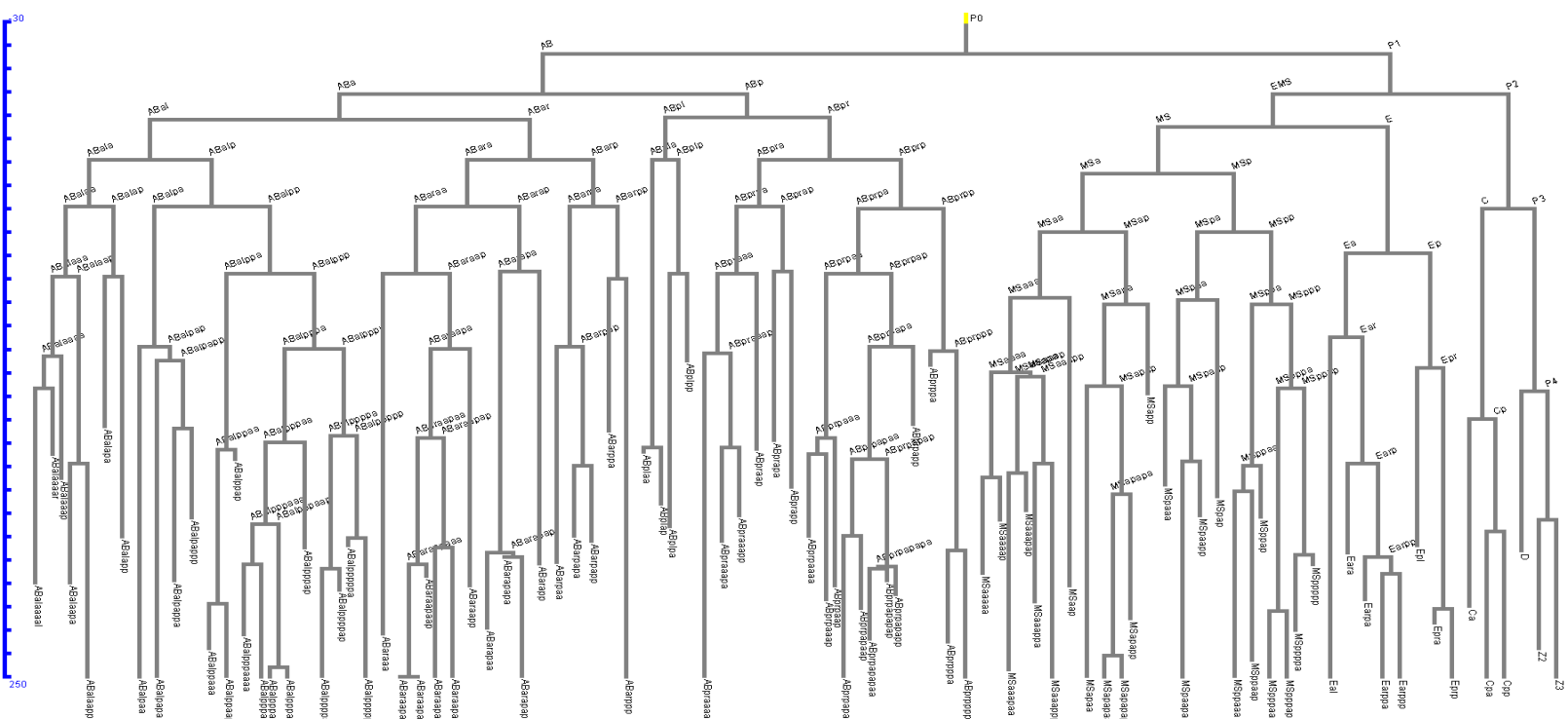


Figure 3: Edited lineage of N2\_s2\_emb1\_020923 using embGAN generated images



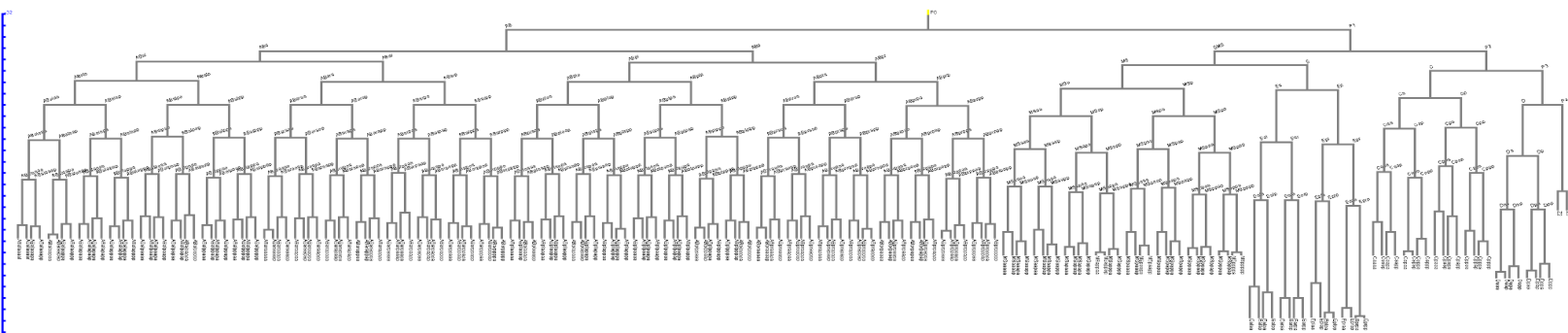


Figure 5: Edited lineage of N2\_s3\_emb1\_020923 using embGAN generated images

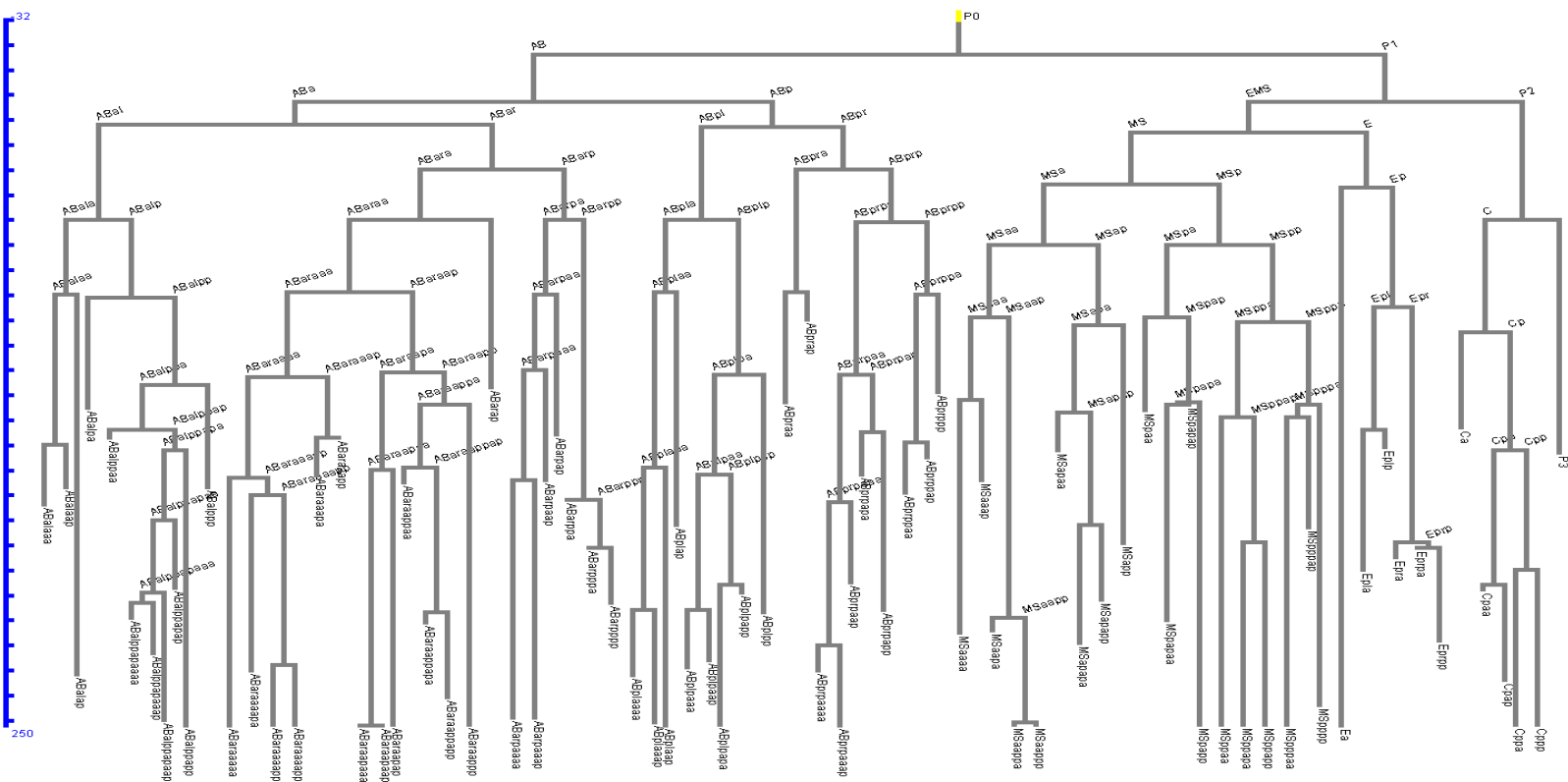


Figure 6: Lineage of N2\_s3\_emb1\_020923 edited only until the 8 cell stage using embGAN generated images

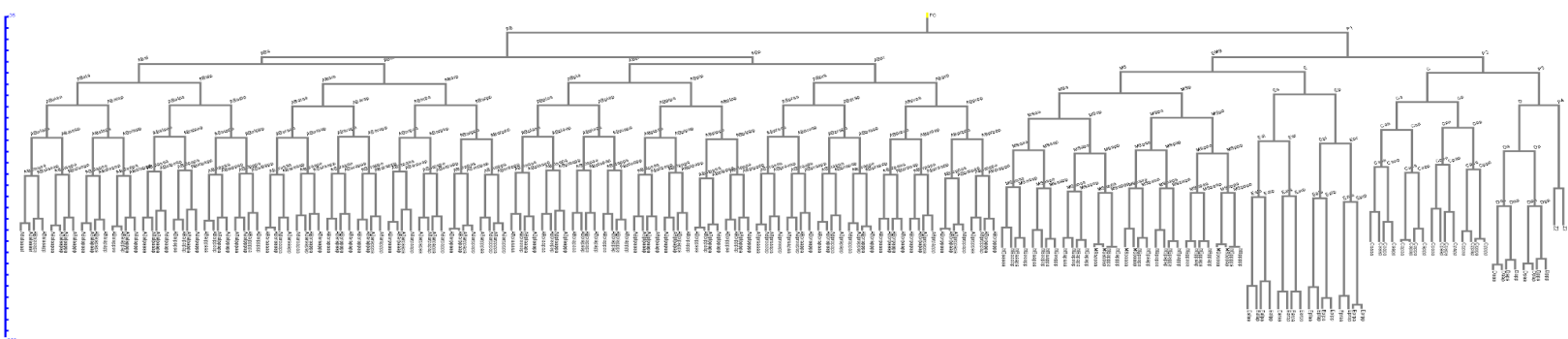
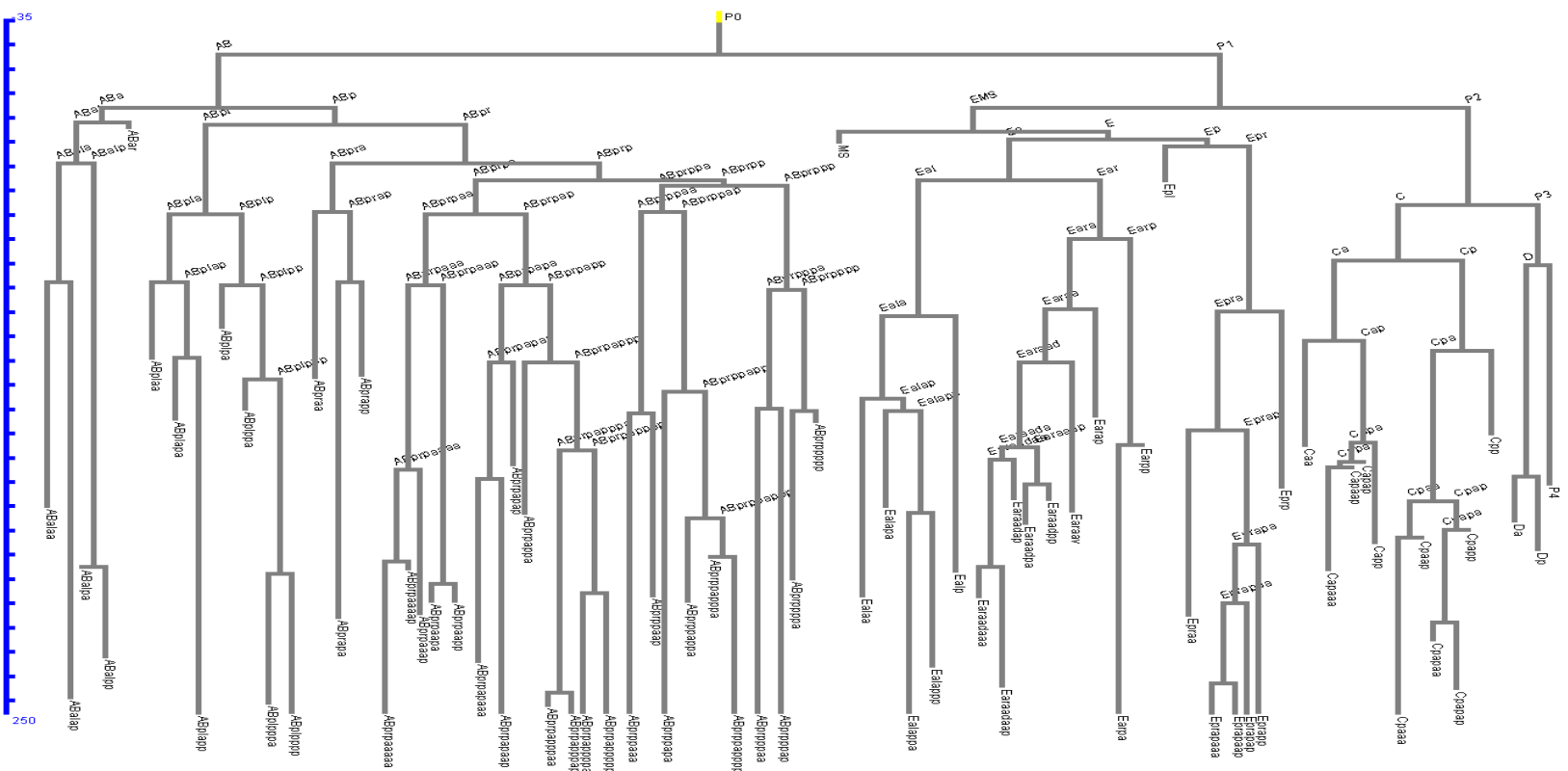
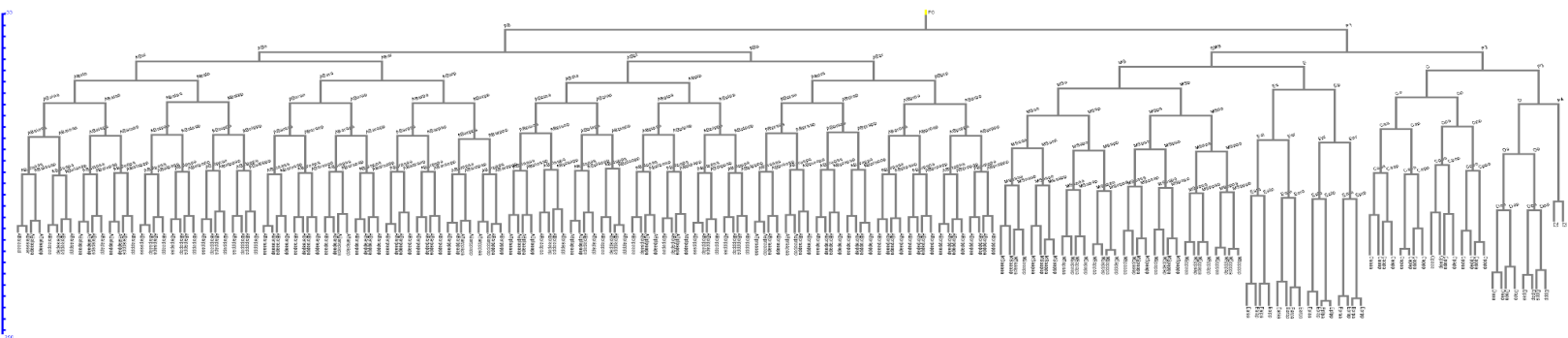


Figure 7: Edited lineage of N2\_s4\_emb1\_020923 using embGAN generated images







Lineage 9: Edited lineage of N2\_s6\_emb1\_020923 using embGAN generated images

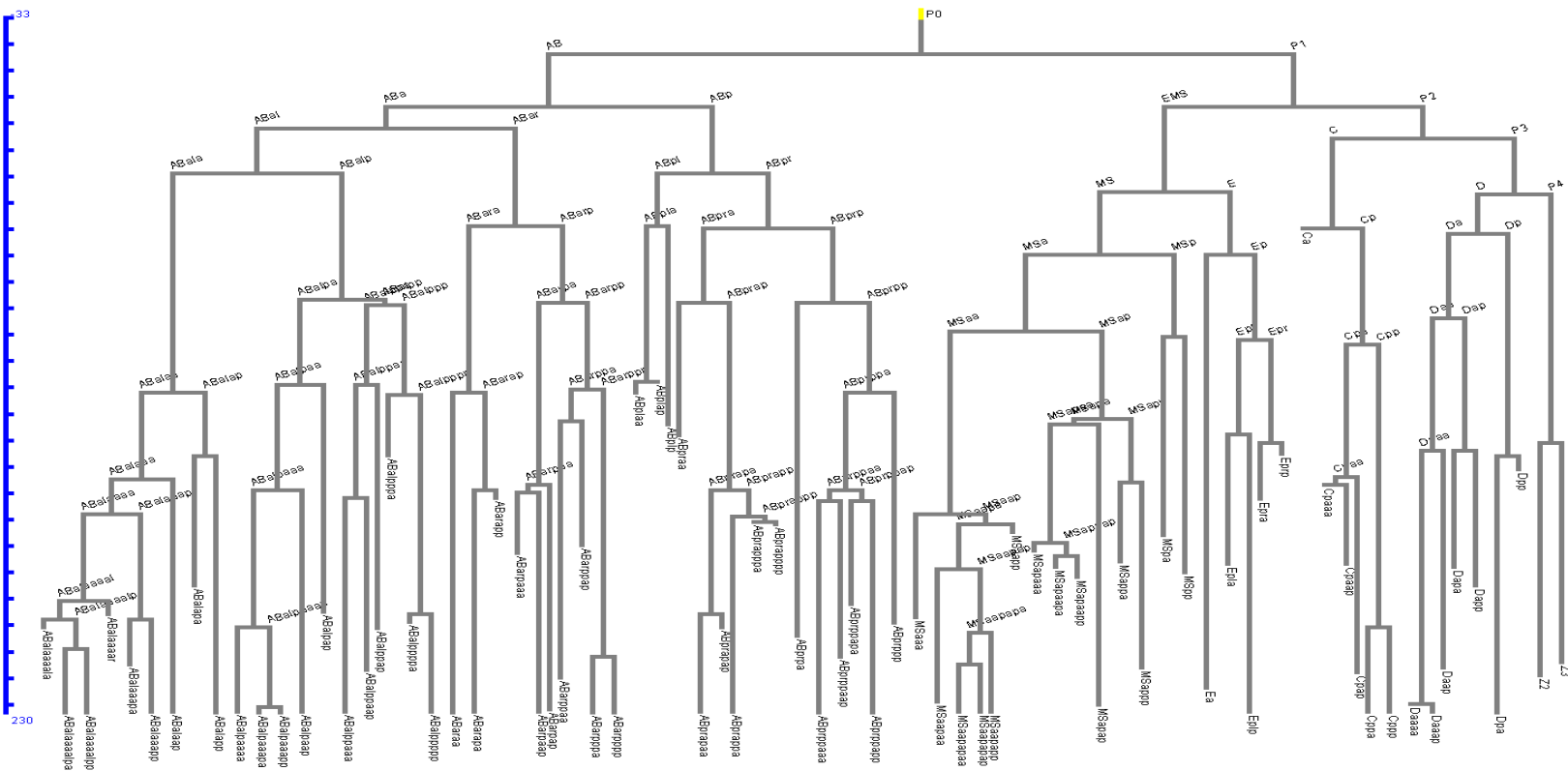


Figure 10: Lineage of N2\_s6\_emb1\_020923 edited only until the 8 cell stage using embGAN generated images

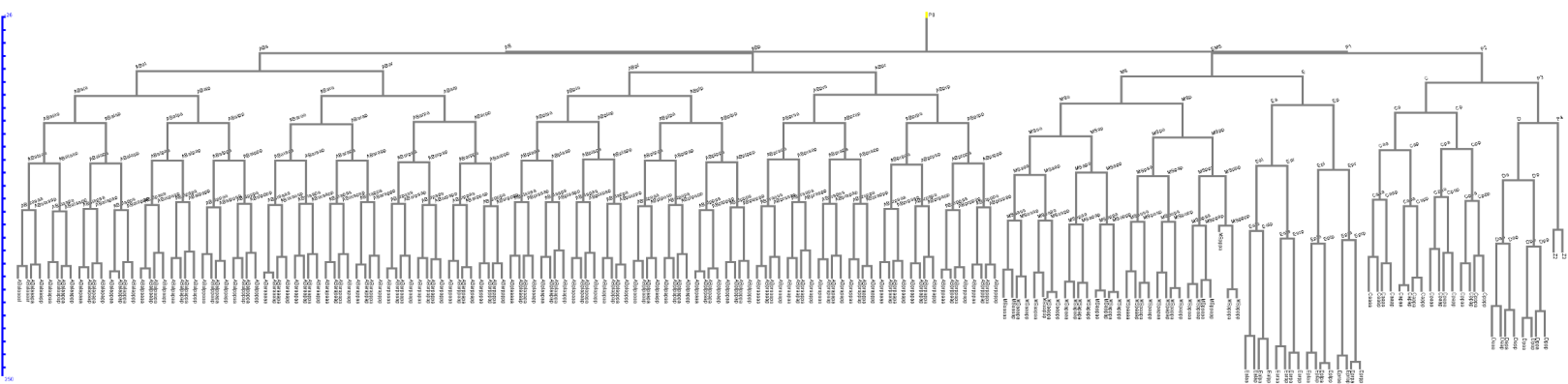


Figure 11: Edited lineage of N2\_s7\_emb1\_020923 using embGAN generated images



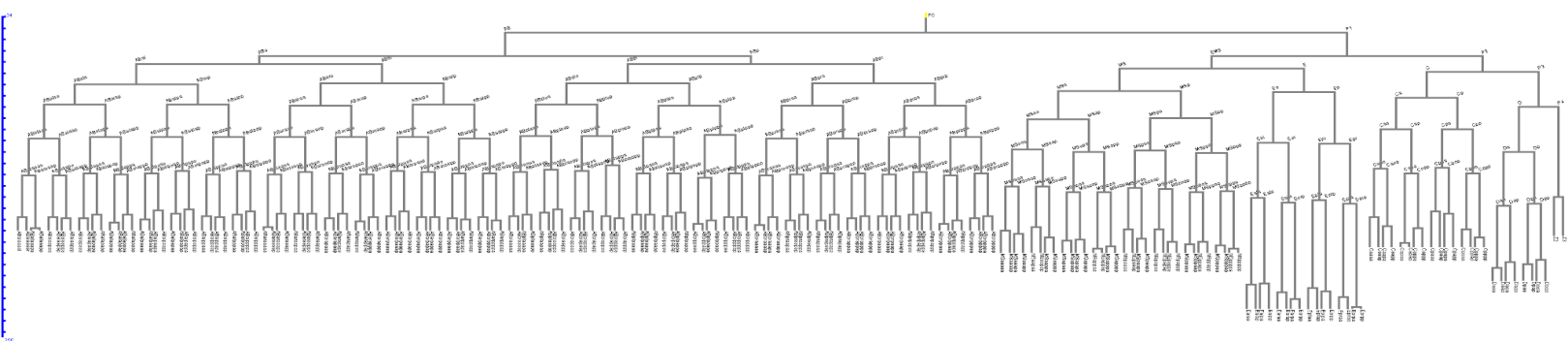


Figure 13: Edited lineage of N2\_s7\_emb1\_020923 edited using embGAN generated images









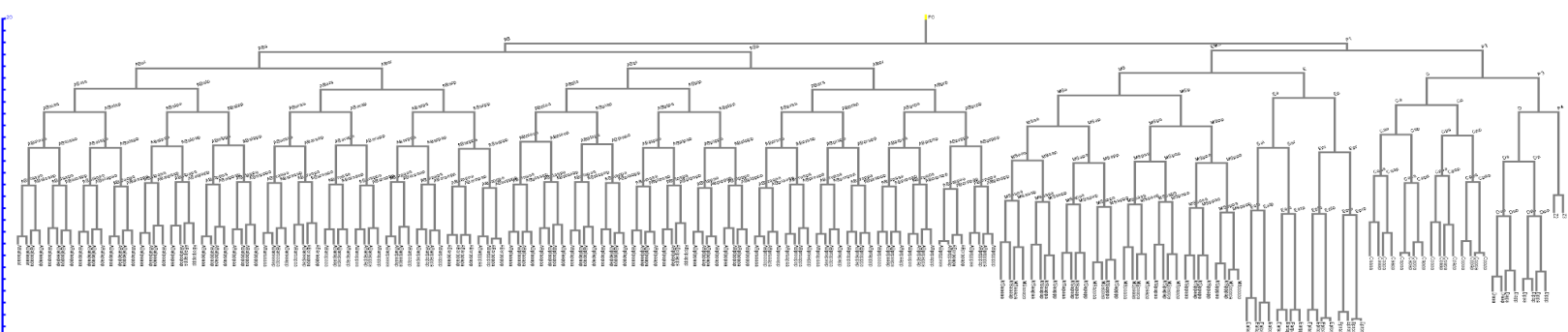


Figure 17: Edited lineage of N2\_s2\_emb1\_021023 using embGAN generated images





Figure 19: Edited lineage of N2\_s3\_emb1\_021023 using embGAN generated images

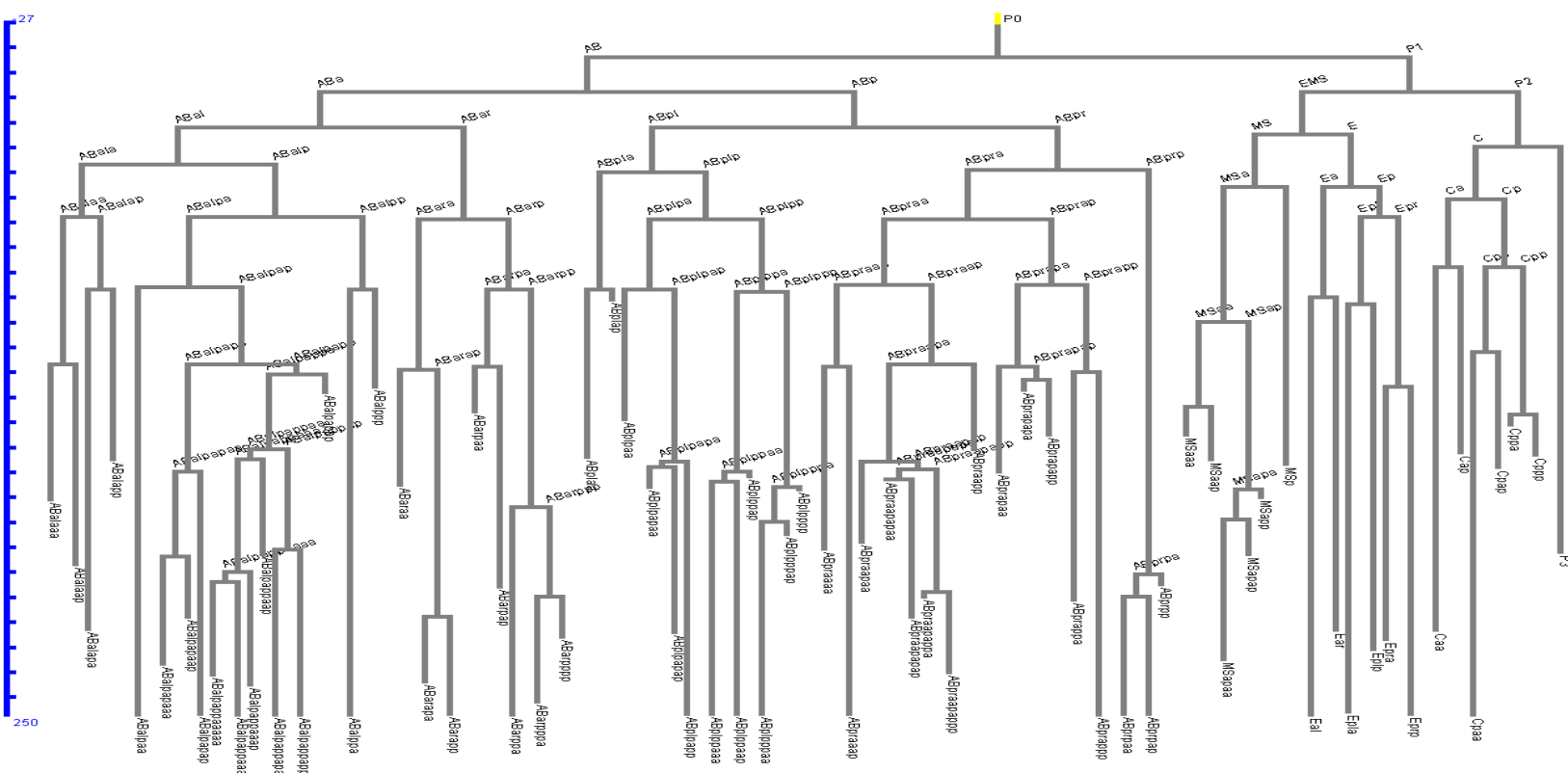


Figure 20: Lineage of N2\_s3\_emb1\_021023 edited only until the 8 cell stage using embGAN generated images



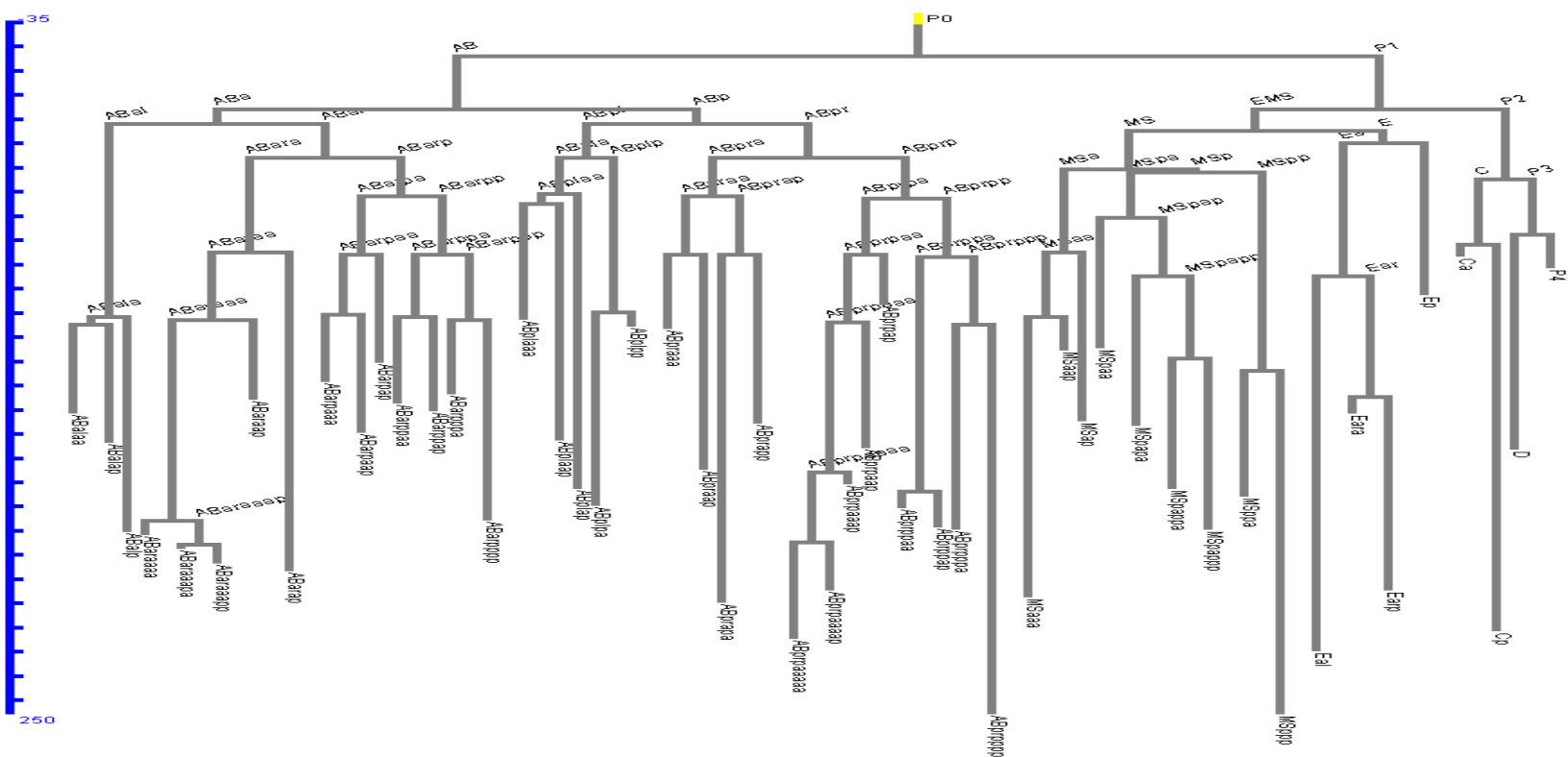


Figure 22: Lineage of N2\_s1\_emb1\_CSUN edited only until the 8 cell stage using embGAN generated images

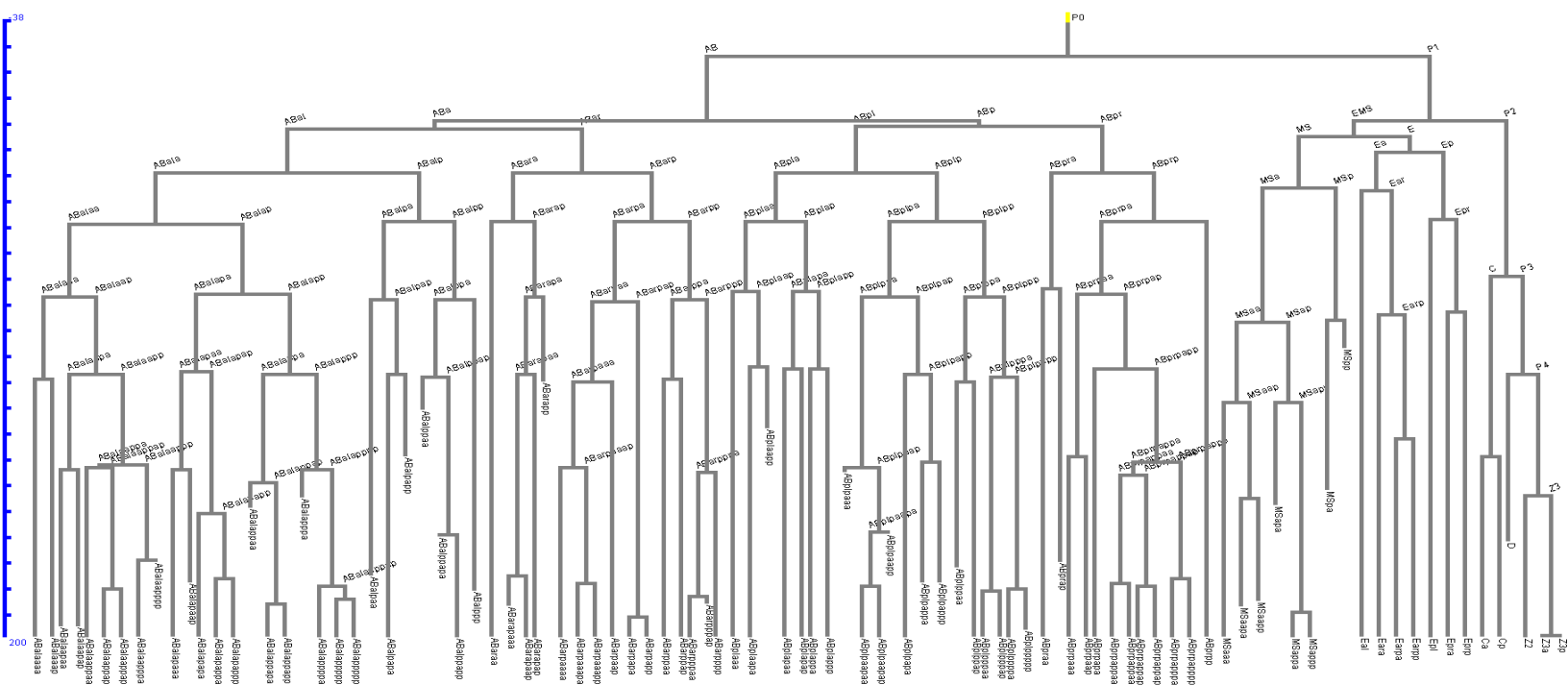
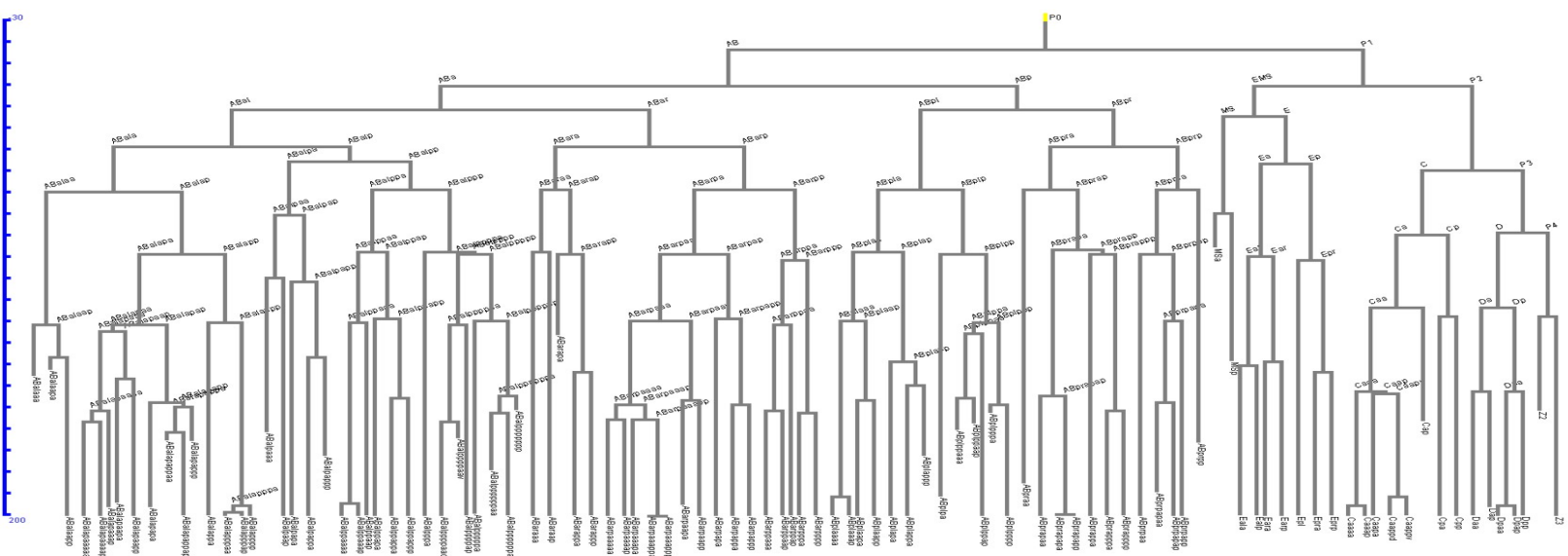
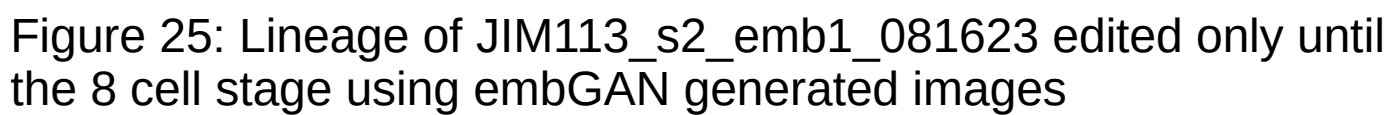


Figure 23: Lineage of JIM113\_s1\_emb2\_081623 edited only until the 8 cell stage using embGAN generated images









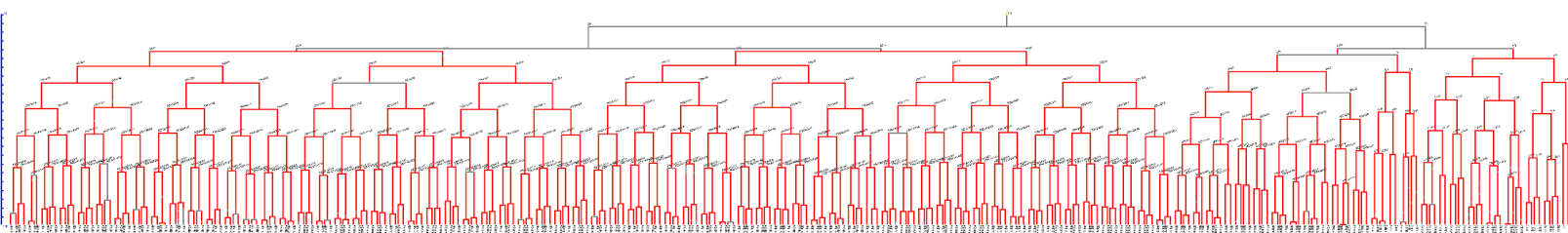


Figure 27: Edited lineage of JIM113\_s1\_emb2\_081623 using fluorescence images

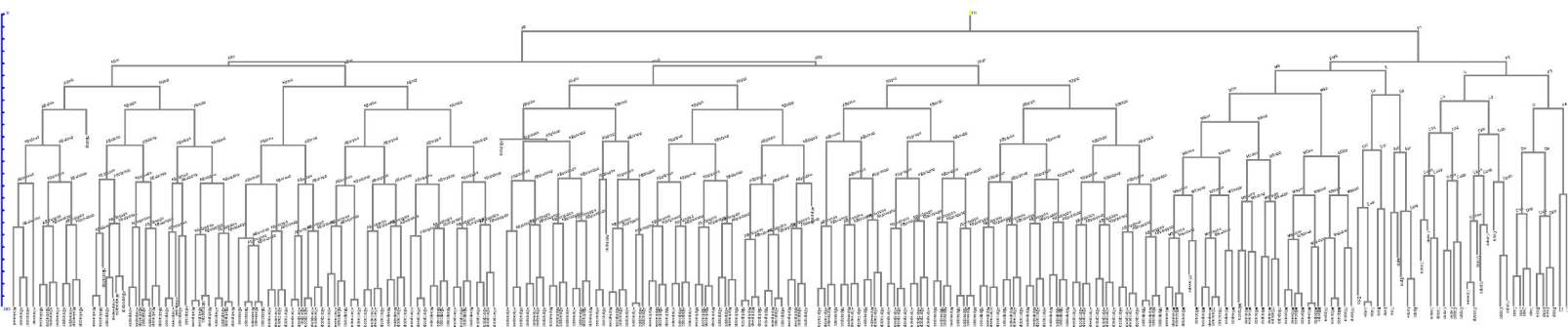


Figure 28: Edited lineage of JIM113\_s1\_emb2\_081623 using fluorescence images

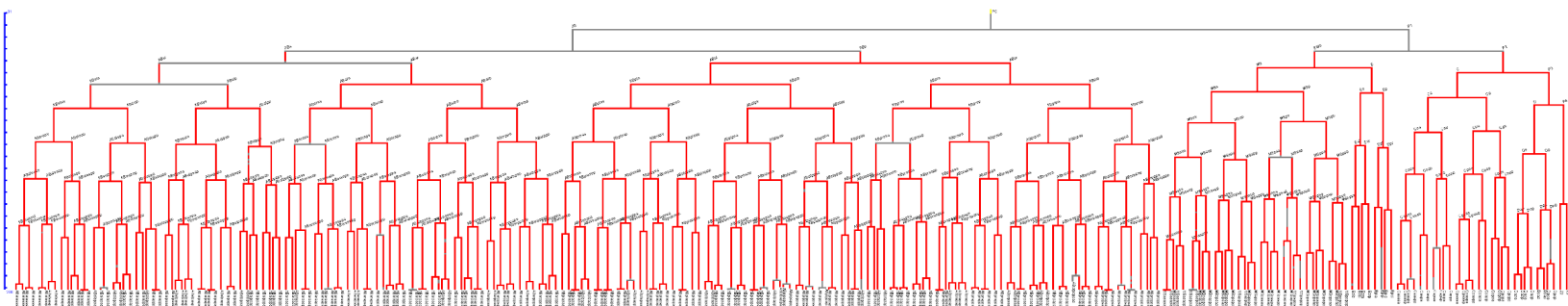


Figure 29: Edited lineage of JIM113\_s1\_emb3\_081623 using fluorescence images



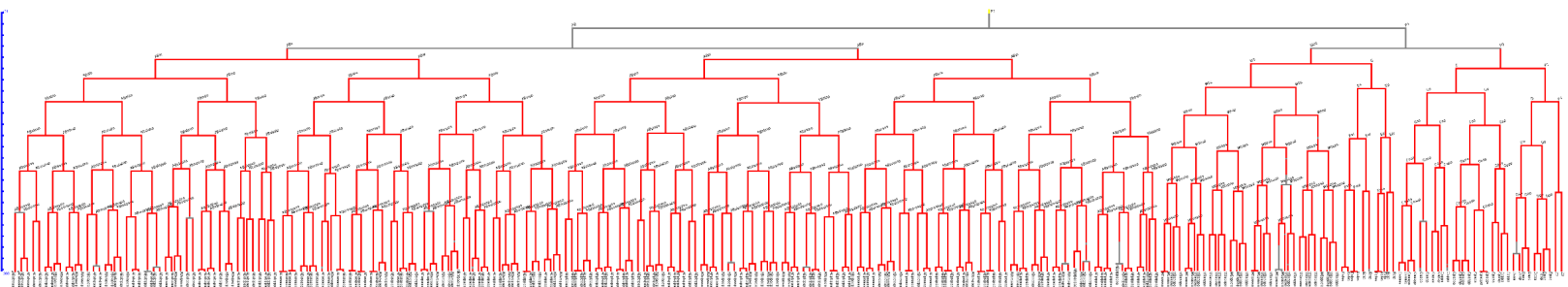


Figure 31: Edited lineage of JIM113\_s2\_emb1\_081623 using fluorescence images





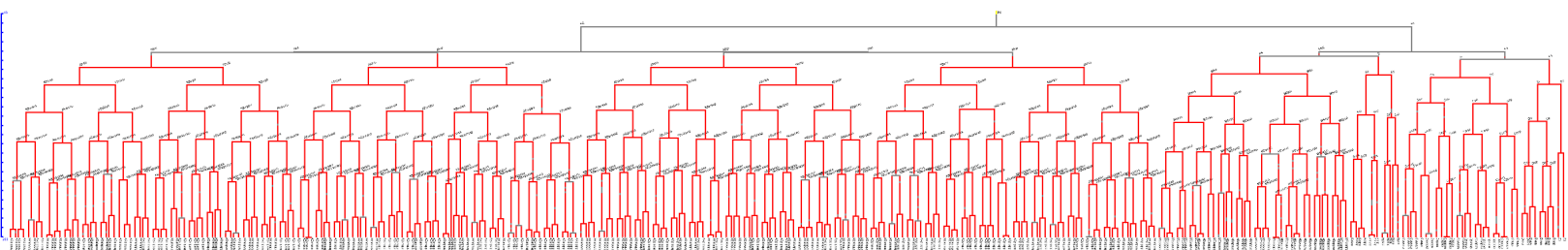


Figure 33: Edited lineage of JIM113\_s2\_emb3\_081623 using fluorescence images



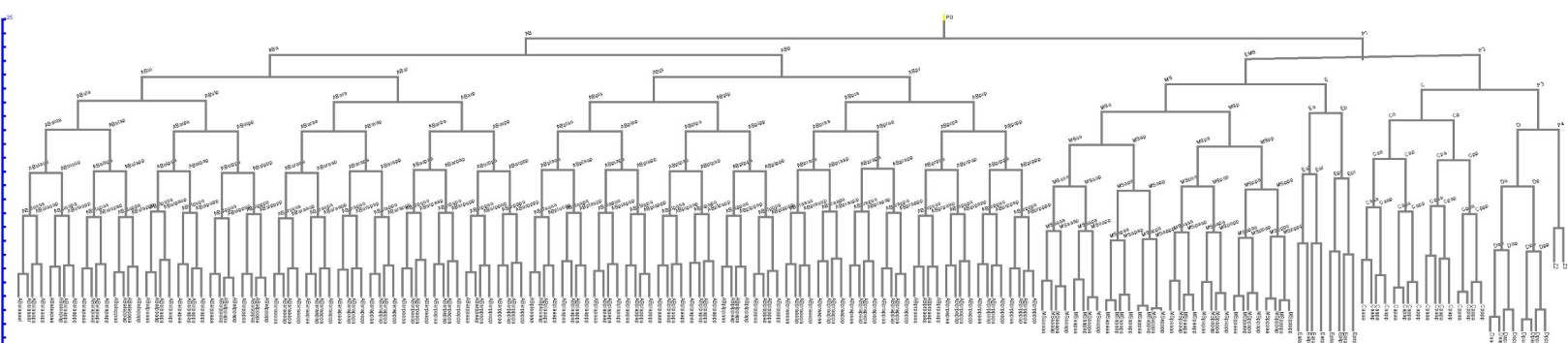


Figure 35: Edited lineage of JIM113\_s1\_emb2\_080423 using fluorescence images

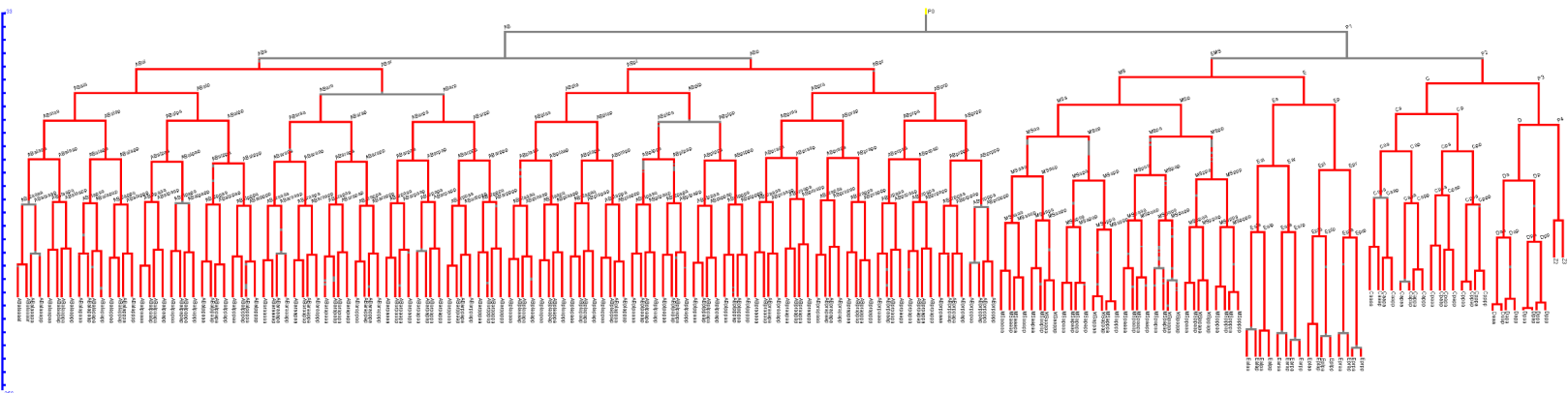


Figure 36: Edited lineage of JIM113\_s2\_emb1\_080423 using fluorescence images

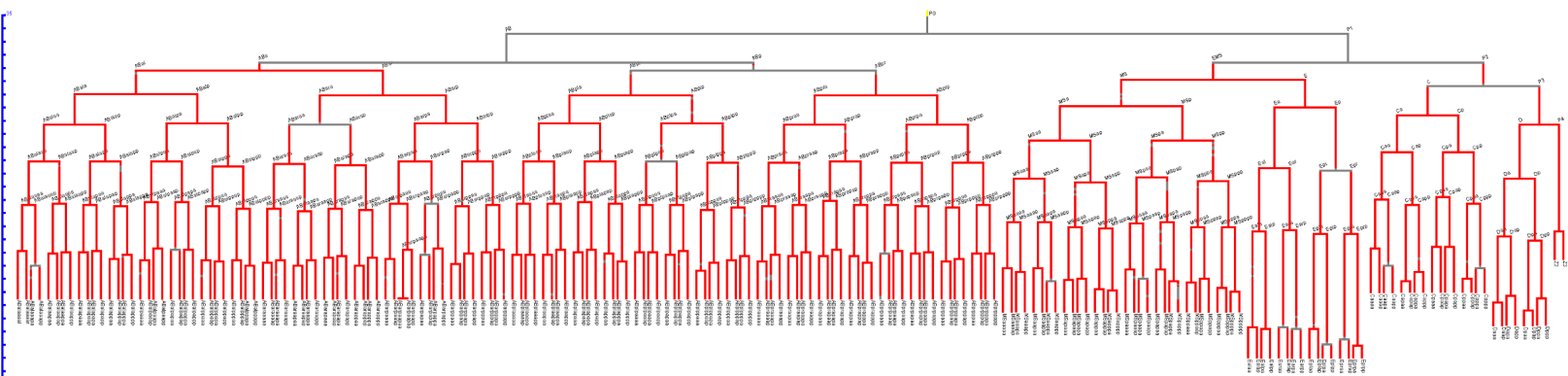


Figure 37: Edited lineage of JIM113\_s2\_emb2\_080423 using fluorescence images

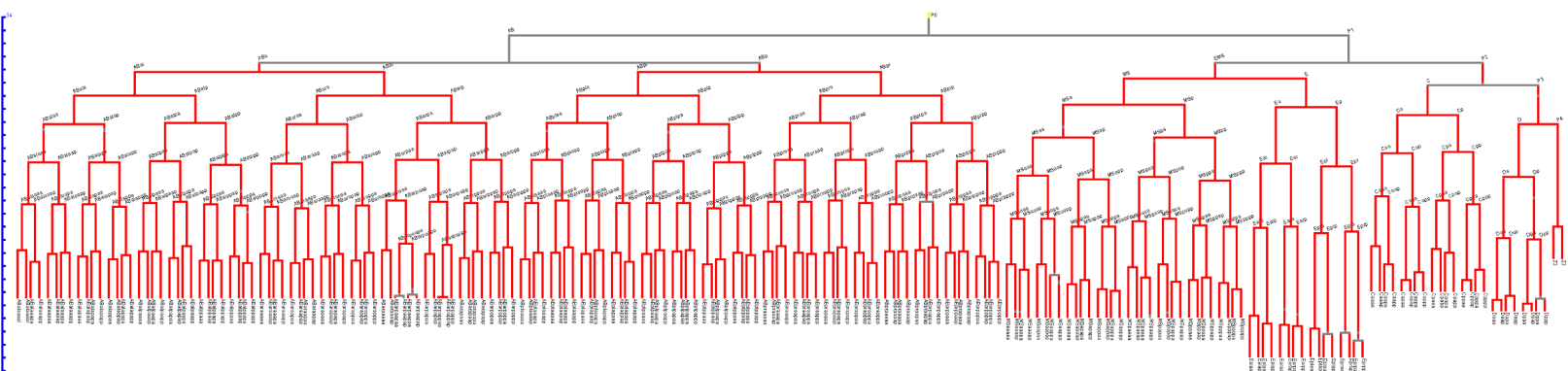


Figure 38: Edited lineage of JIM113\_s2\_emb3\_080423 using fluorescence images

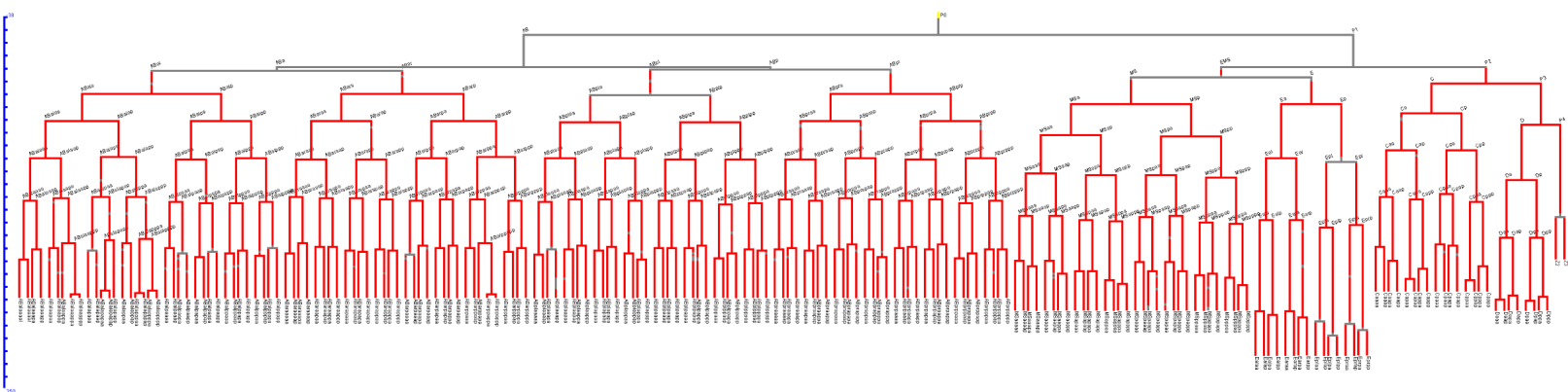


Figure 39: Edited lineage of JIM113\_s3\_emb1\_080423 using fluorescence images