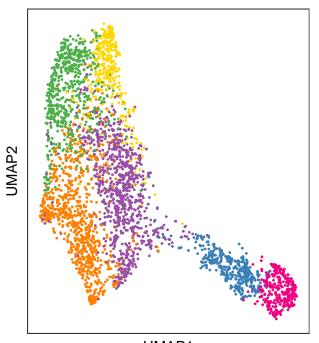Reduced dimensions