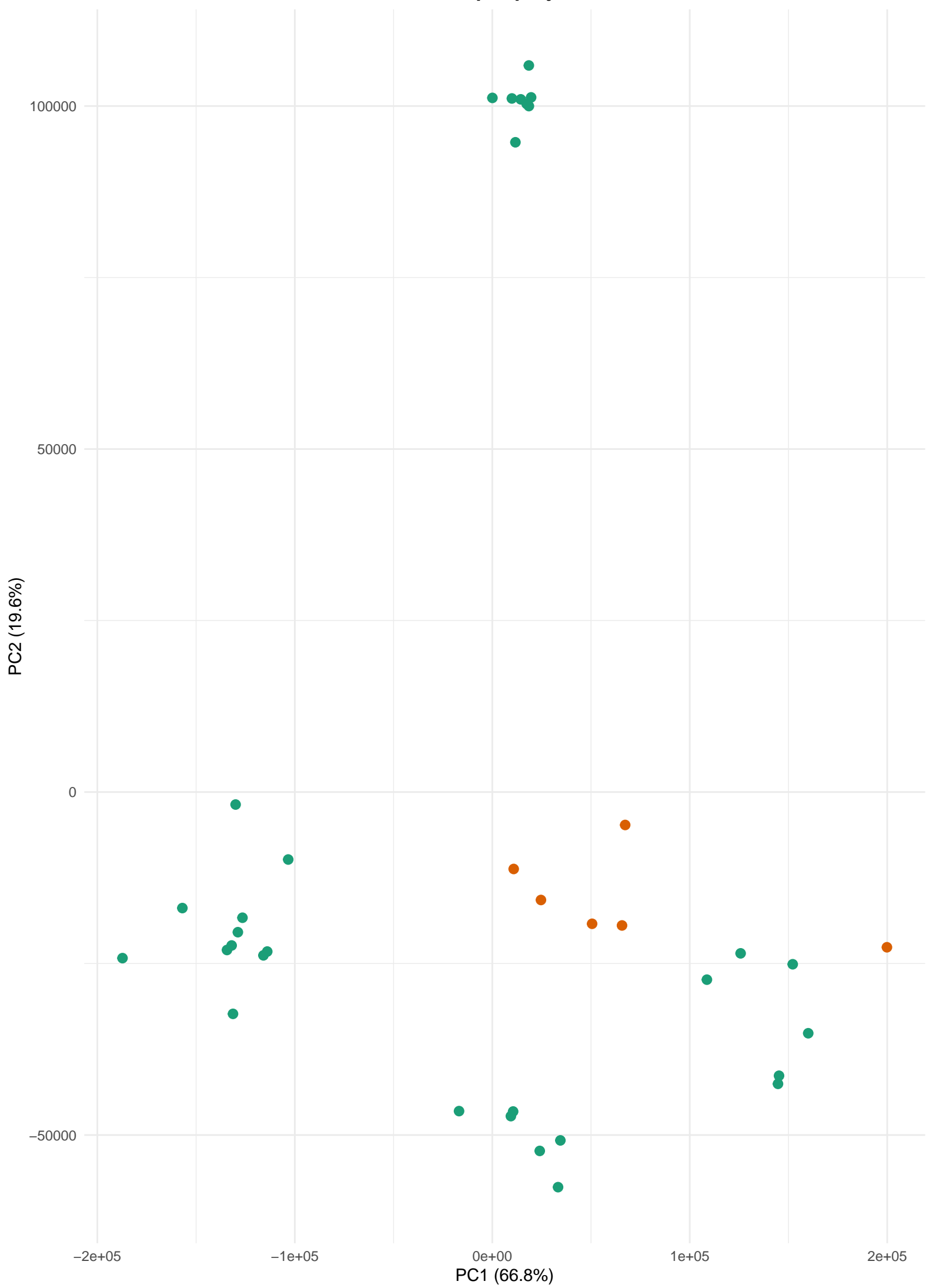


PCA por project



project ● BLUEPRINT ● DEEP



PCA por harmonized EpiRR status

harmonized EpiRR status  Complete  Partial

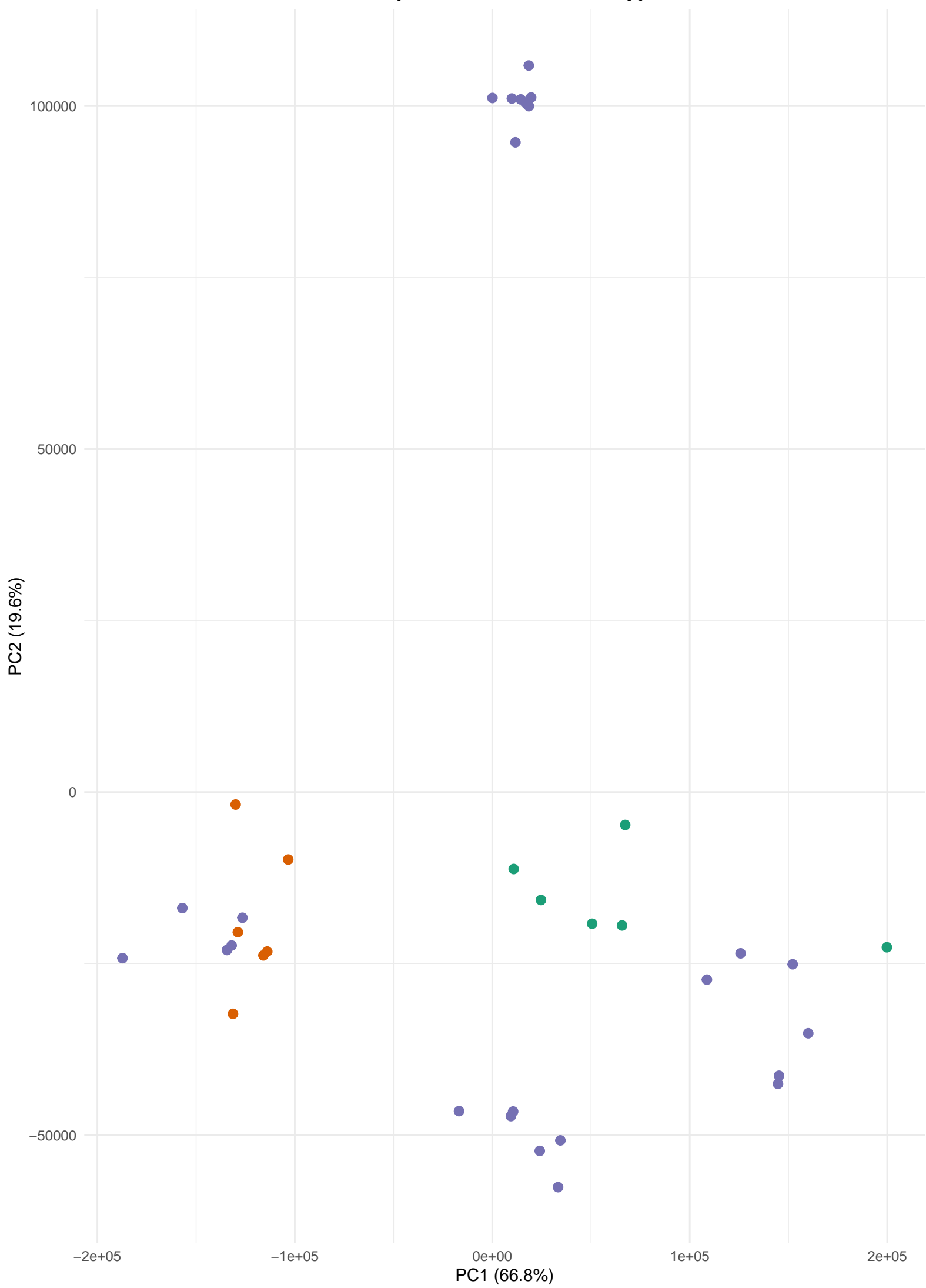
PCA por epiATLAS status

epiATLAS status  Complete  Complete_imputed  Partial

PCA por harmonized cell type

harmonized cell type  alternatively activated macrophage  inflammatory macrophage  macrophage

PCA por harmonized tissue type






harmonized tissue type ● blood ● umbilical cord blood ● venous blood



PCA por harmonized sample ontology curie

harmonized sample ontology curie  CL:0000235  CL:0000863  CL:0000890

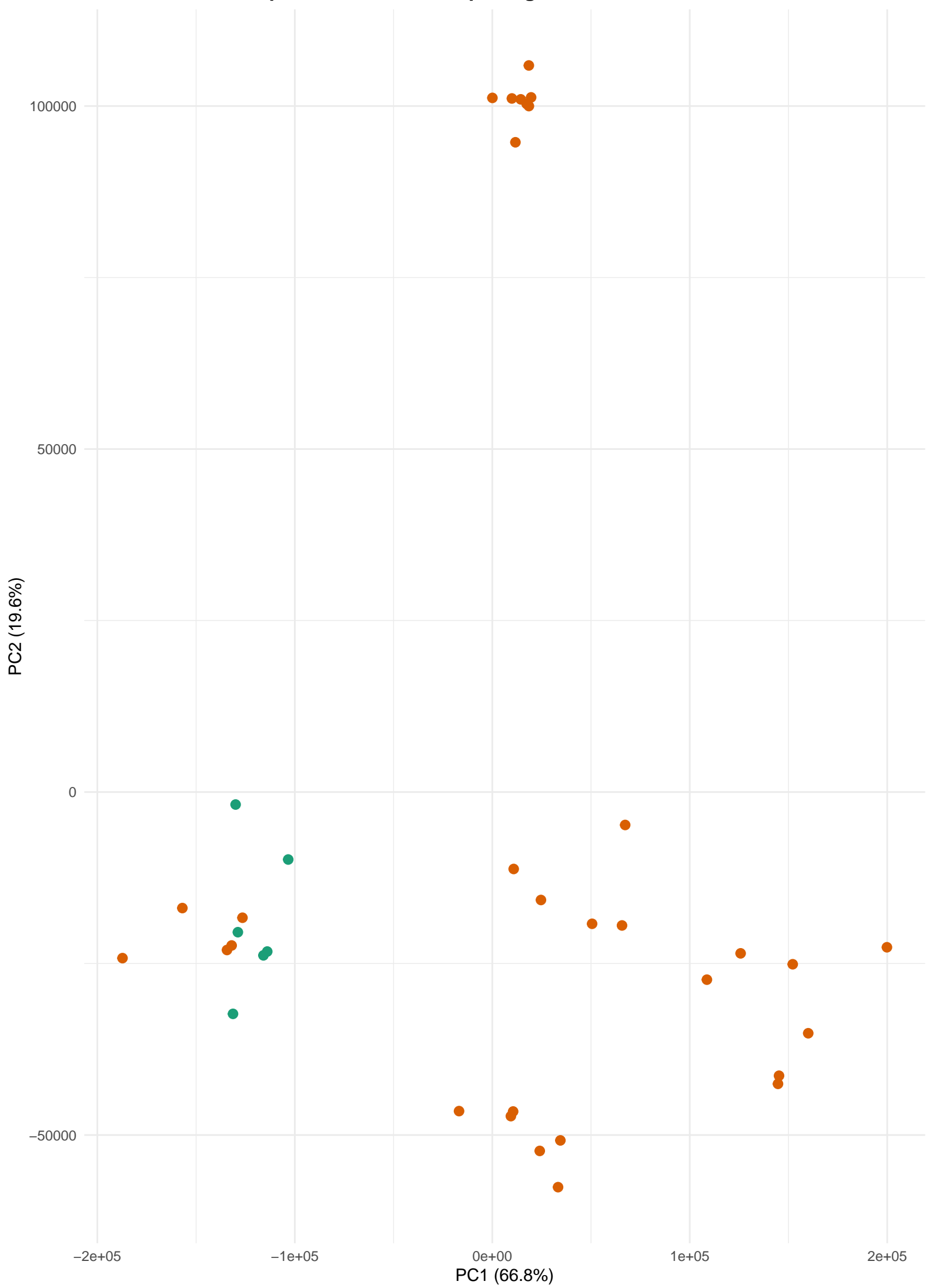
PCA por harmonized cell markers

harmonized cell markers   CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+  CD3- CD19- CD56-

PCA por automated harmonized sample ontology term

automated harmonized sample ontology term  alternatively activated macrophage  inflammatory macrophage  macrophage

PCA por harmonized sample organ order AnetaMikulasova





harmonized sample organ order AnetaMikulasova ● blood-umbilical-cord ● blood-venous

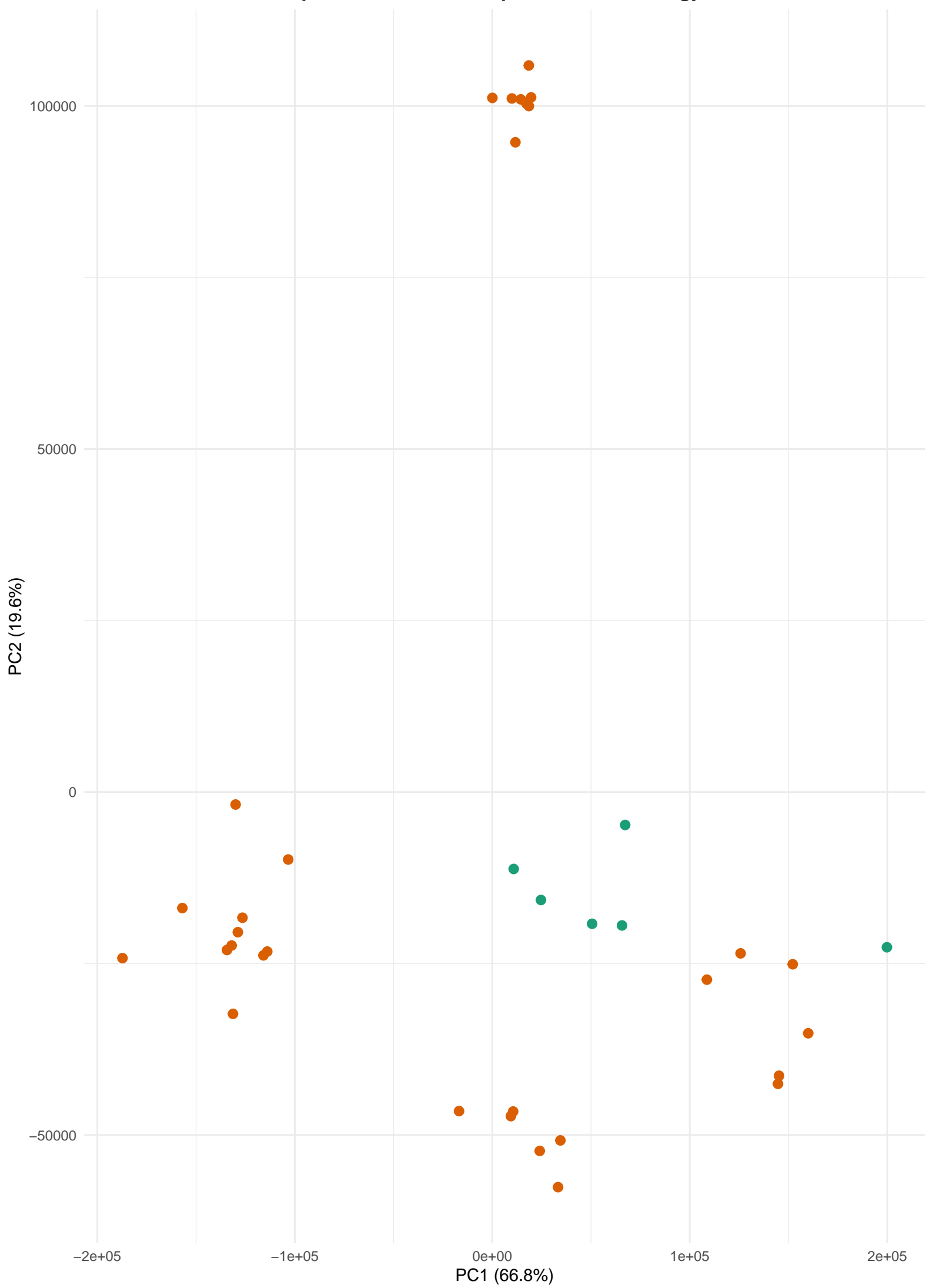
PCA por harmonized sample cell 2 order AnetaMikulasova



harmonized sample cell 2 order AnetaMikulasova  alternatively-activated  inflammatory  x

PCA por harmonized sample disease

harmonized sample disease   None

PCA por harmonized sample disease ontology curie



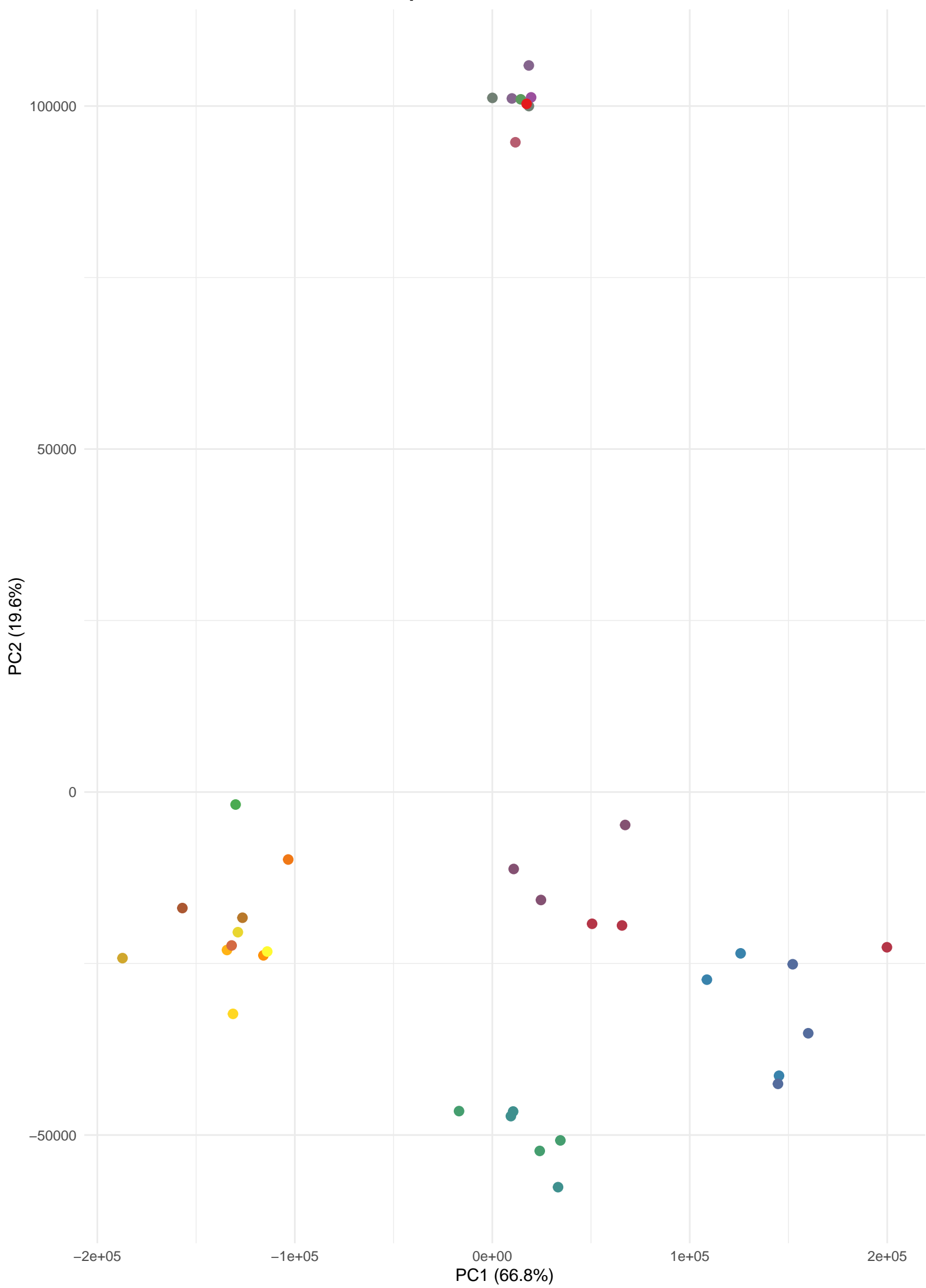
harmonized sample disease ontology curie   NCIM:C0549184

PCA por automated harmonized sample disease ontology curie ncit

PCA por harmonized donor type

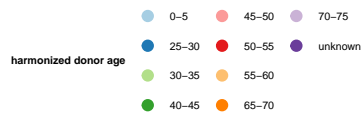
harmonized donor type  Composite  Single donor

PCA por harmonized donor id



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43_Hm03		S001S7	S00C1H
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N00031318490130		S00390	S00E8W
N00031319896021		S00622	S00FTN
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S0018A		S00BHQ	

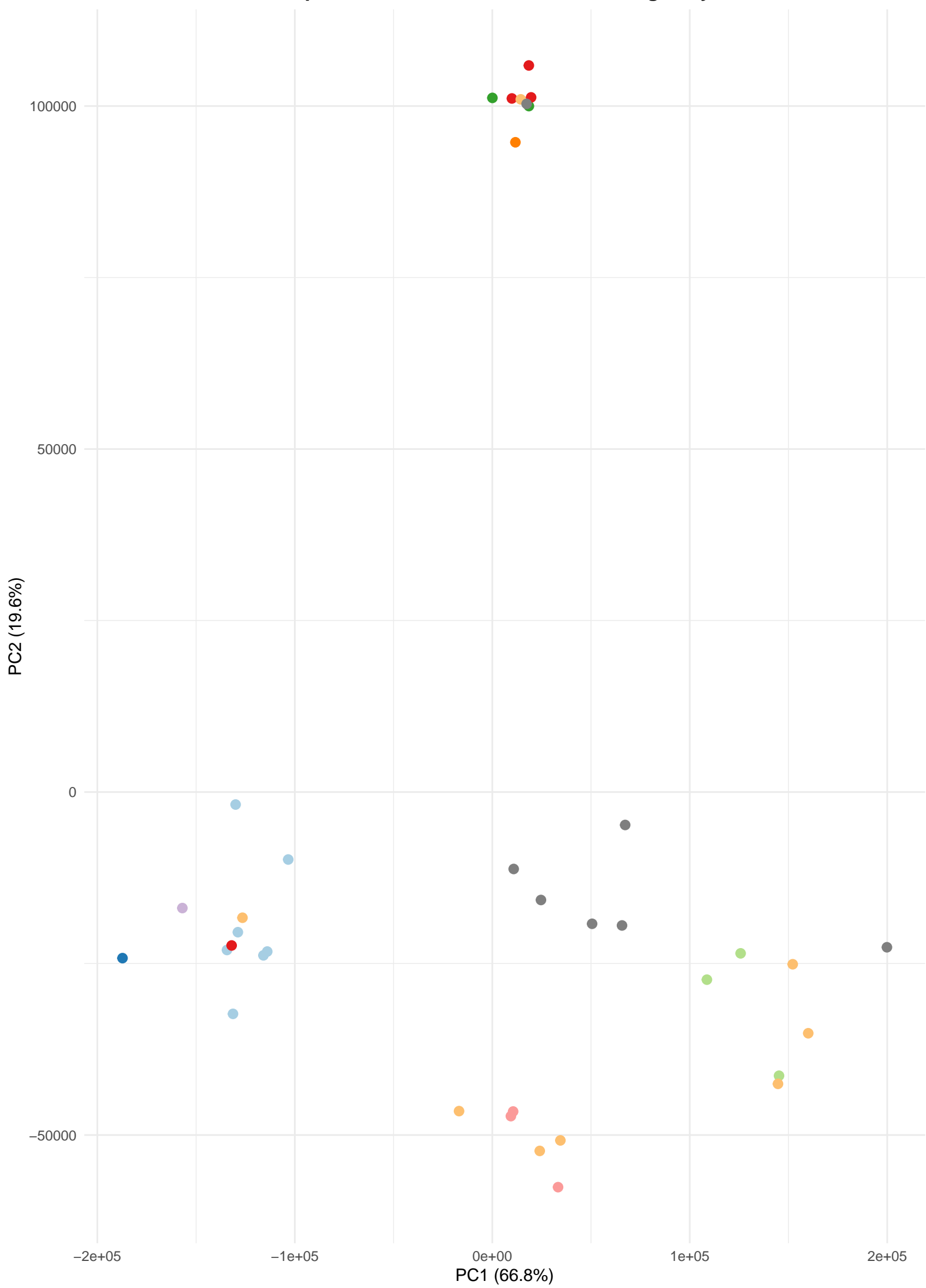
PCA por harmonized donor age



PCA por harmonized donor age unit

harmonized donor age unit ● unknown ● year

PCA por automated harmonized donor age in years

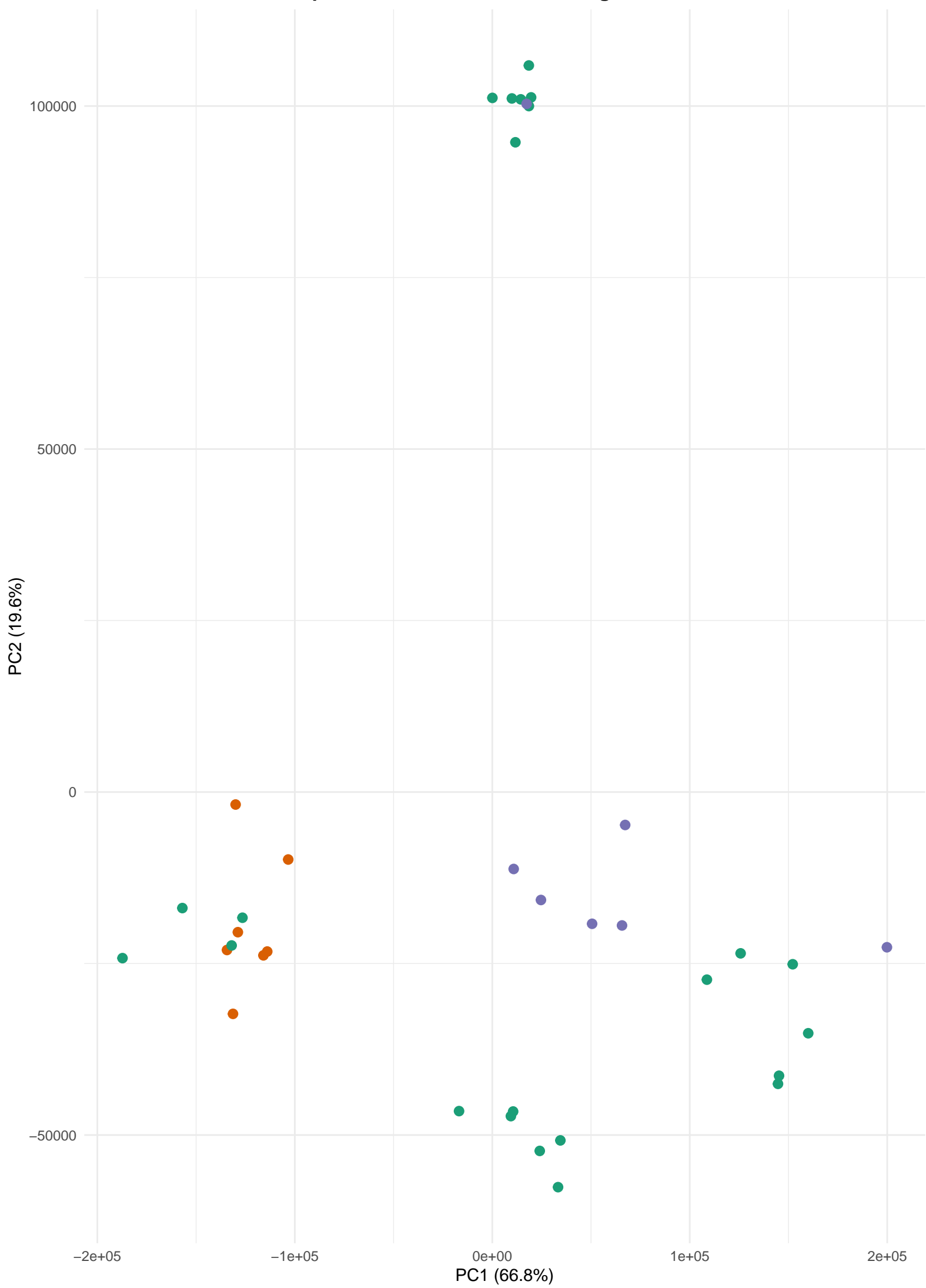




PCA por harmonized donor life stage

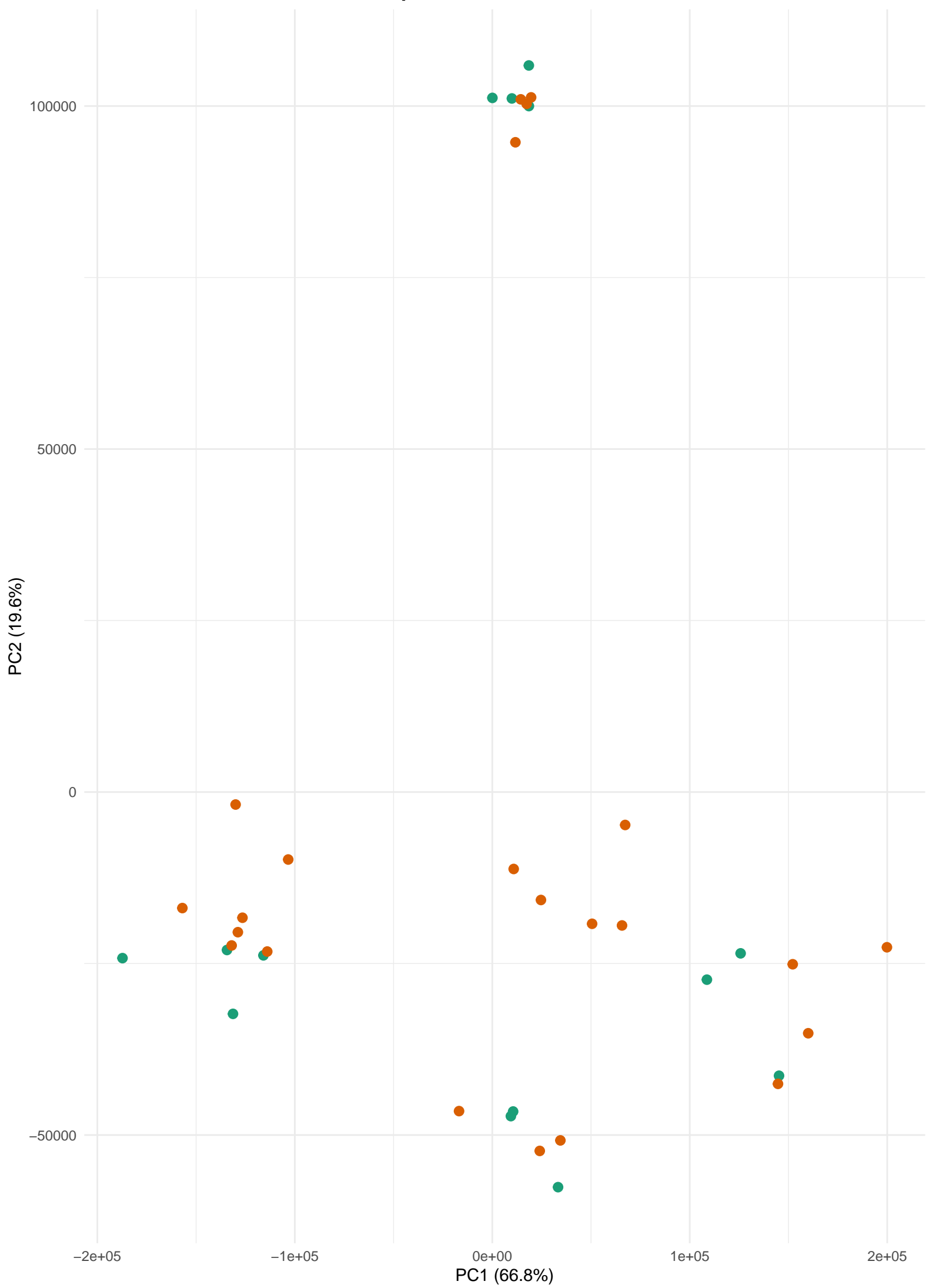
harmonized donor life stage ● adult ● child

PCA por harmonized donor life stage uncorrected



harmonized donor life stage uncorrected  adult  child  unknown

PCA por harmonized donor sex



harmonized donor sex ● female ● male

PCA por harmonized donor sex uncorrected

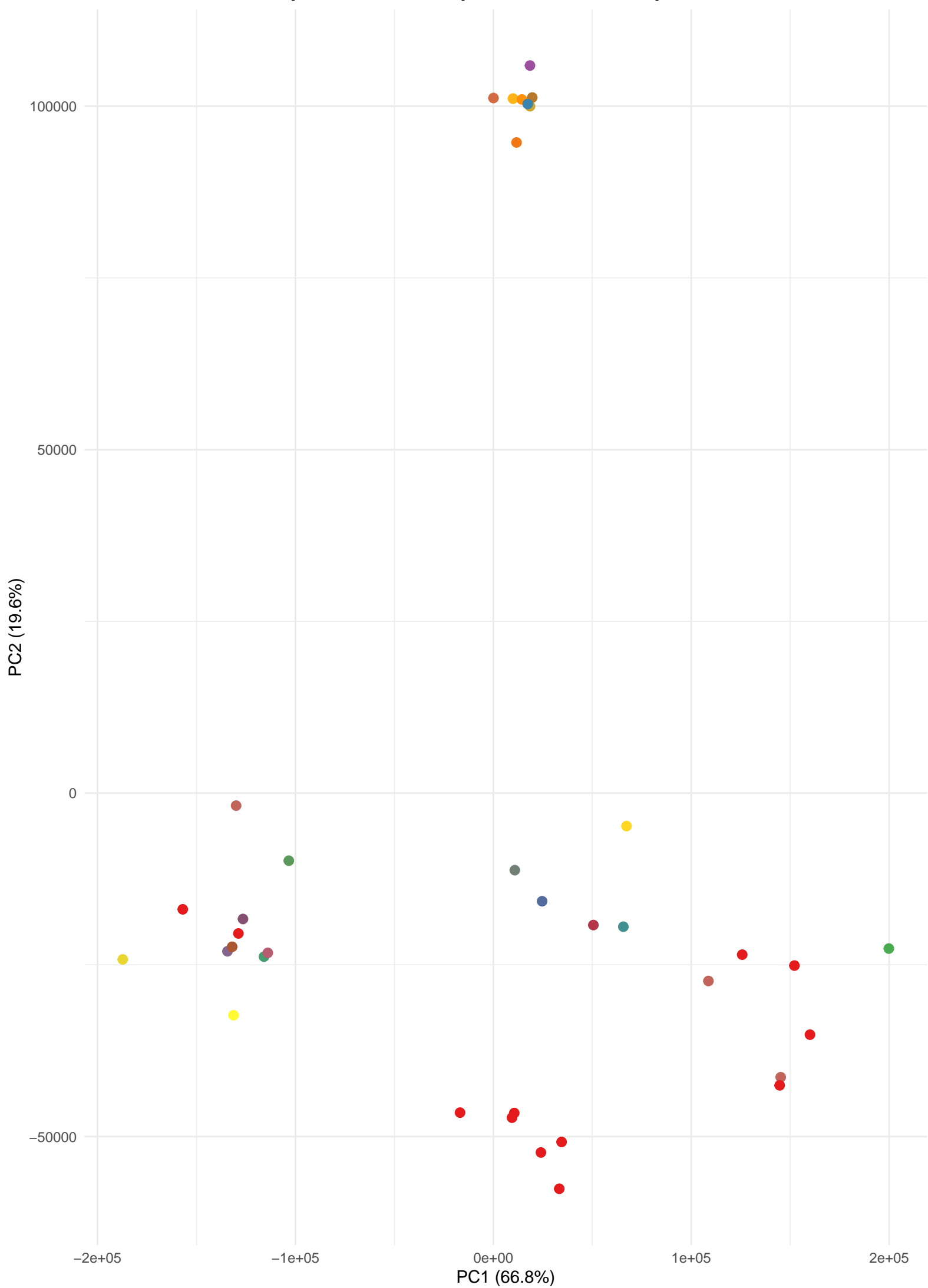
harmonized donor sex uncorrected ● female ● male

PCA por automated experiments ChIP-Seq H3K27ac

automated experiments ChIP-Seq H3K27ac

		
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PCA por automated experiments ChIP–Seq H3K27me3



automated experiments ChIP-Seq H3K27me3

		
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PCA por automated experiments ChIP-Seq H3K36me3

automated experiments ChIP-Seq H3K36me3

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PCA por automated experiments ChIP-Seq H3K4me1

automated experiments ChIP-Seq H3K4me1

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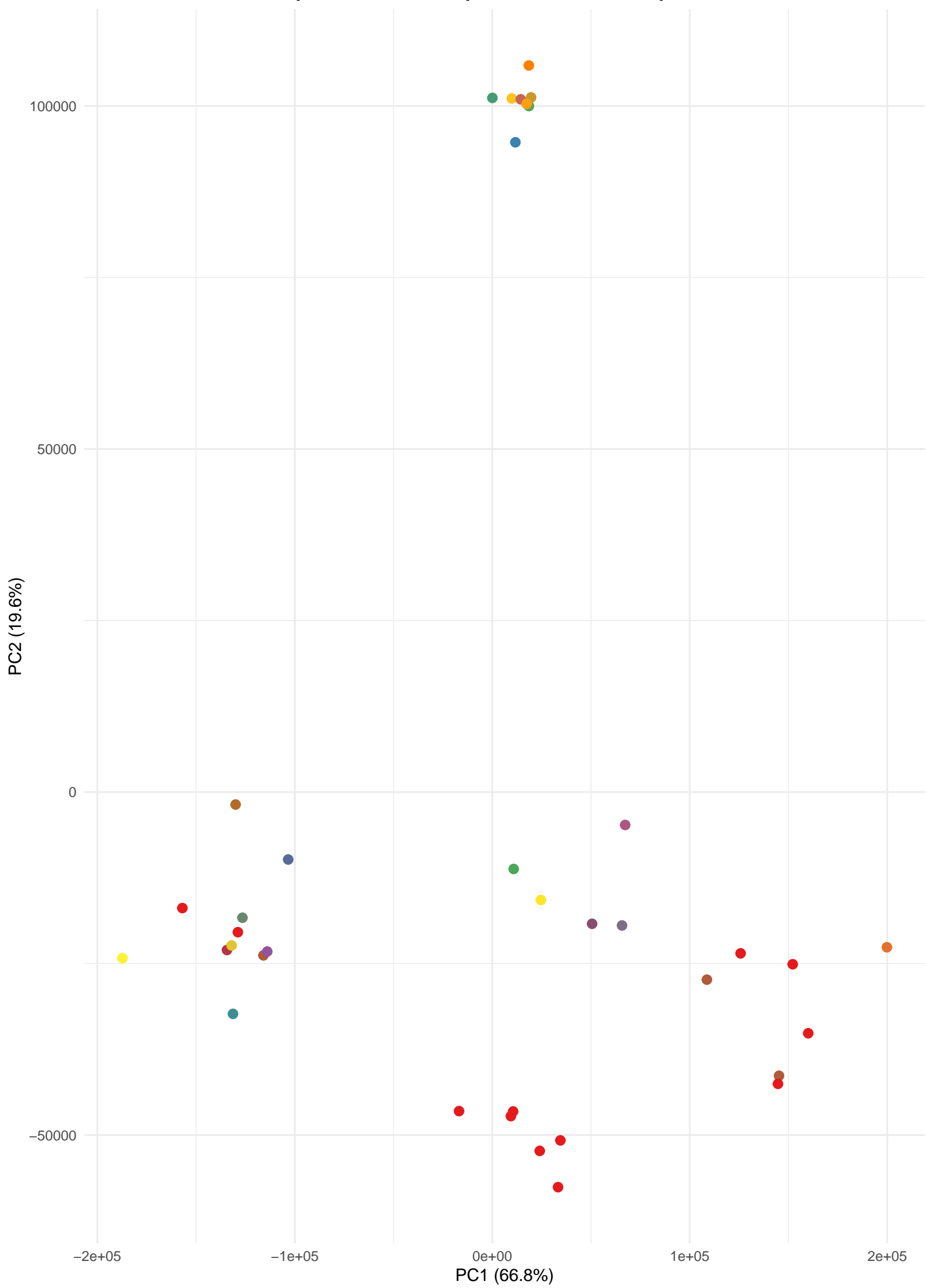
PCA por automated experiments ChIP-Seq H3K4me3

automated experiments ChIP-Seq H3K4me3

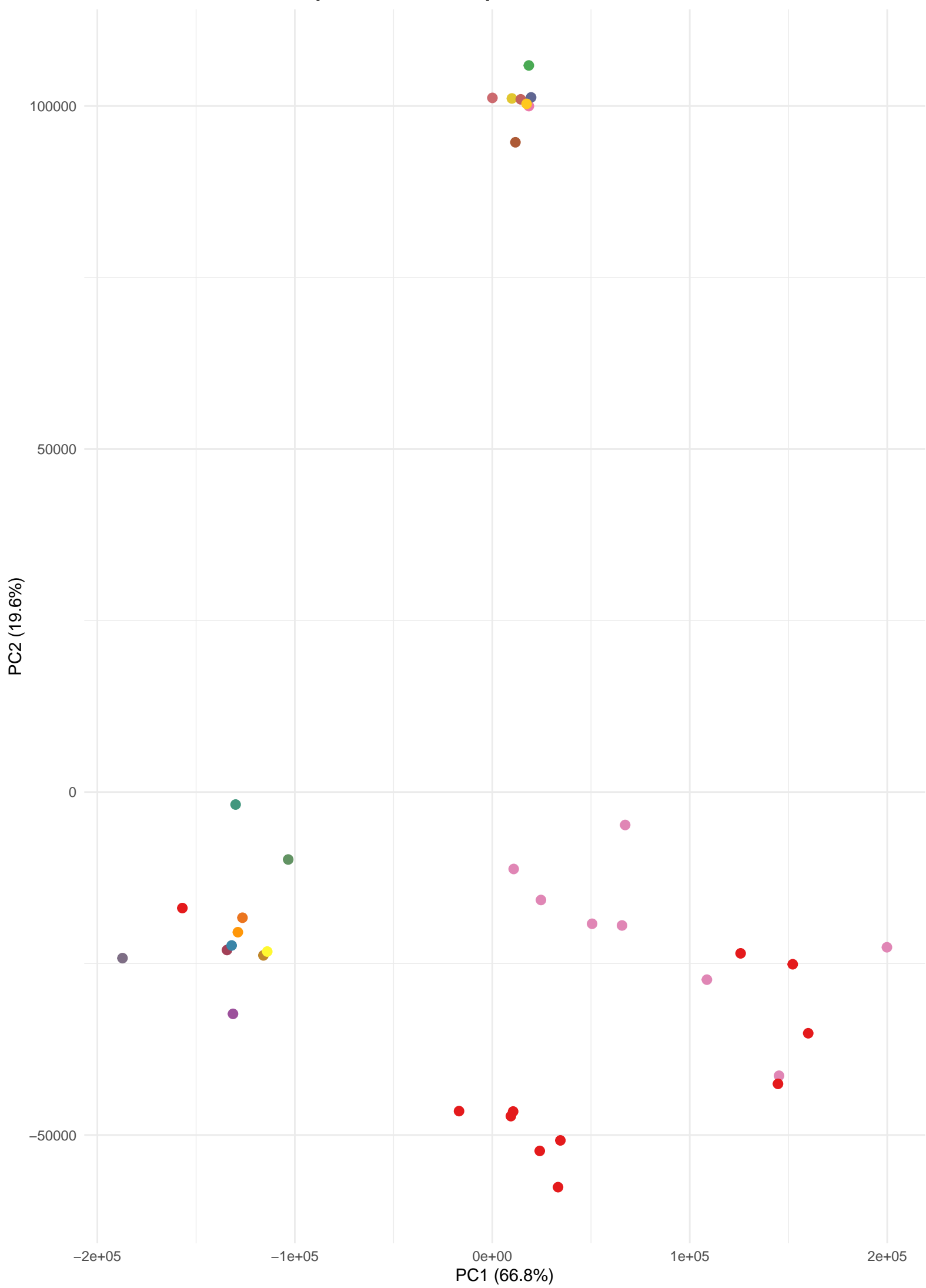
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PCA por automated experiments ChIP-Seq H3K9me3



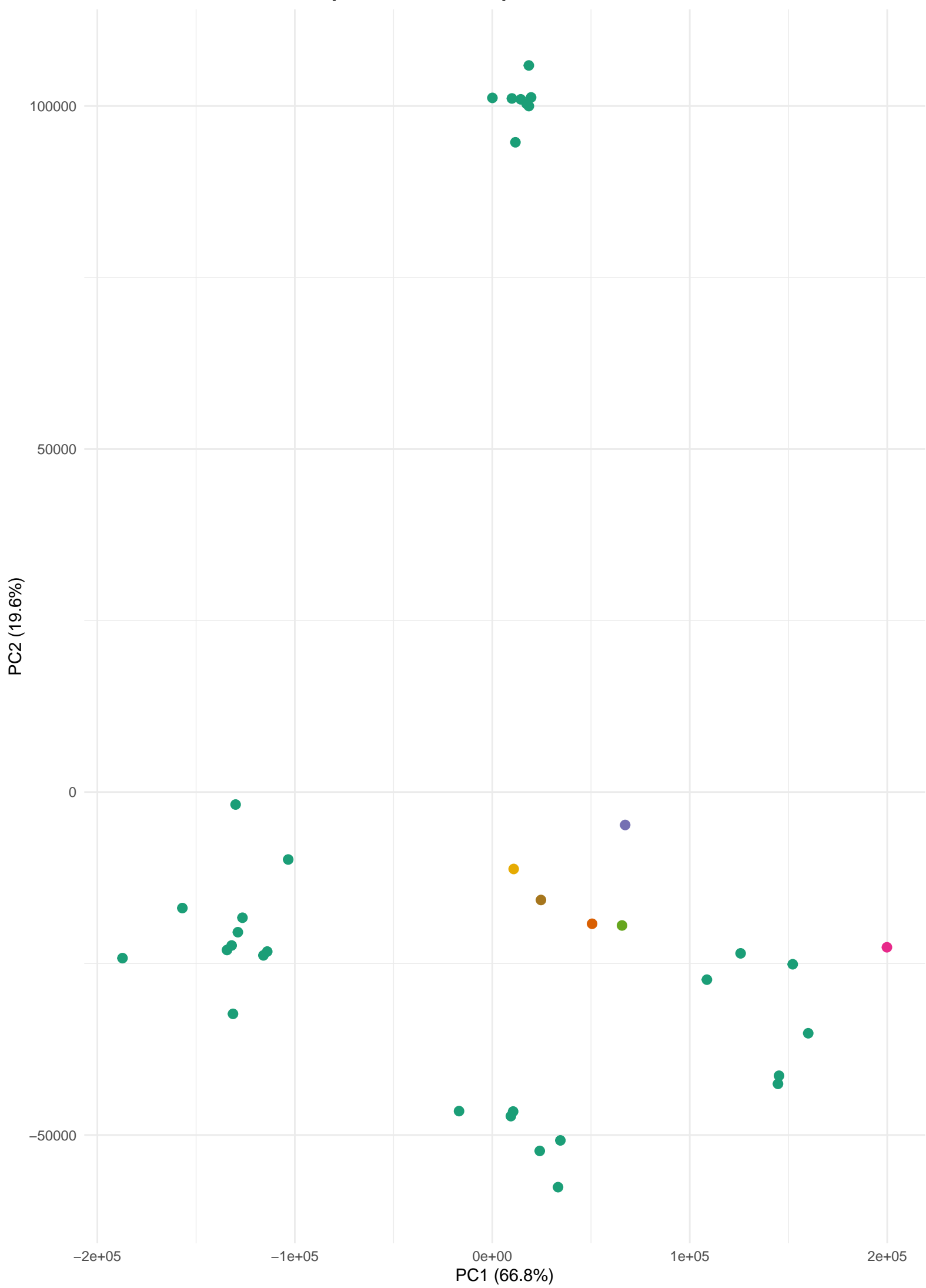
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PCA por automated experiments WGBS standard



automated experiments			
WGBS standard			

PCA por automated experiments WGBS PBAT



automated experiments

WGBS

PBAT

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PCA por automated experiments RNA-Seq mRNA-Seq

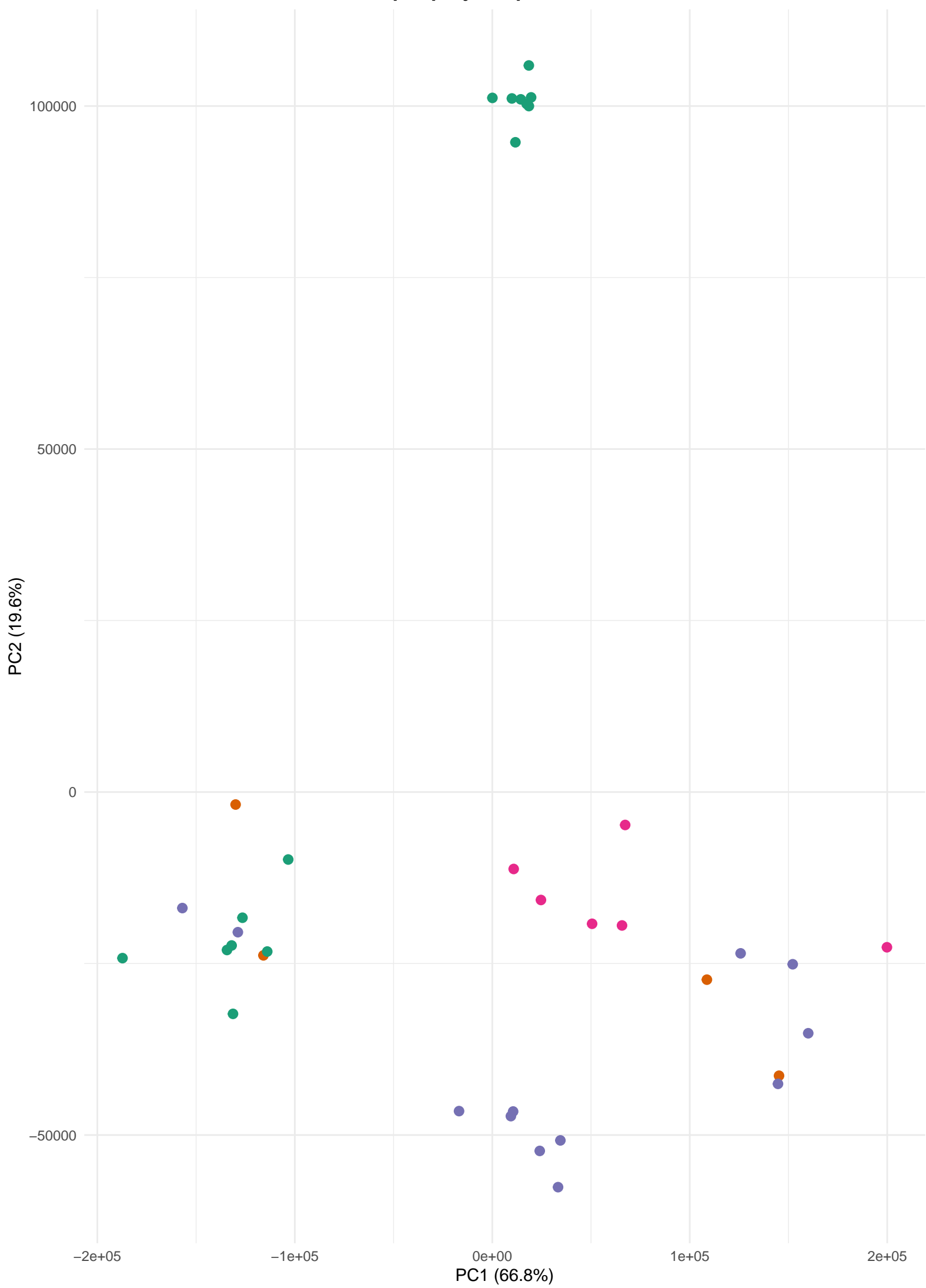
automated experiments RNA-Seq mRNA-Seq

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PCA por project harmonized EpiRR status

project harmonized EpiRR status  BLUEPRINT Complete  BLUEPRINT Partial  DEEP Complete

PCA por project epiATLAS status



project epiATLAS status

	BLUEPRINT Complete		BLUEPRINT Partial
	BLUEPRINT Complete_imputed		DEEP Complete

PCA por project harmonized cell type

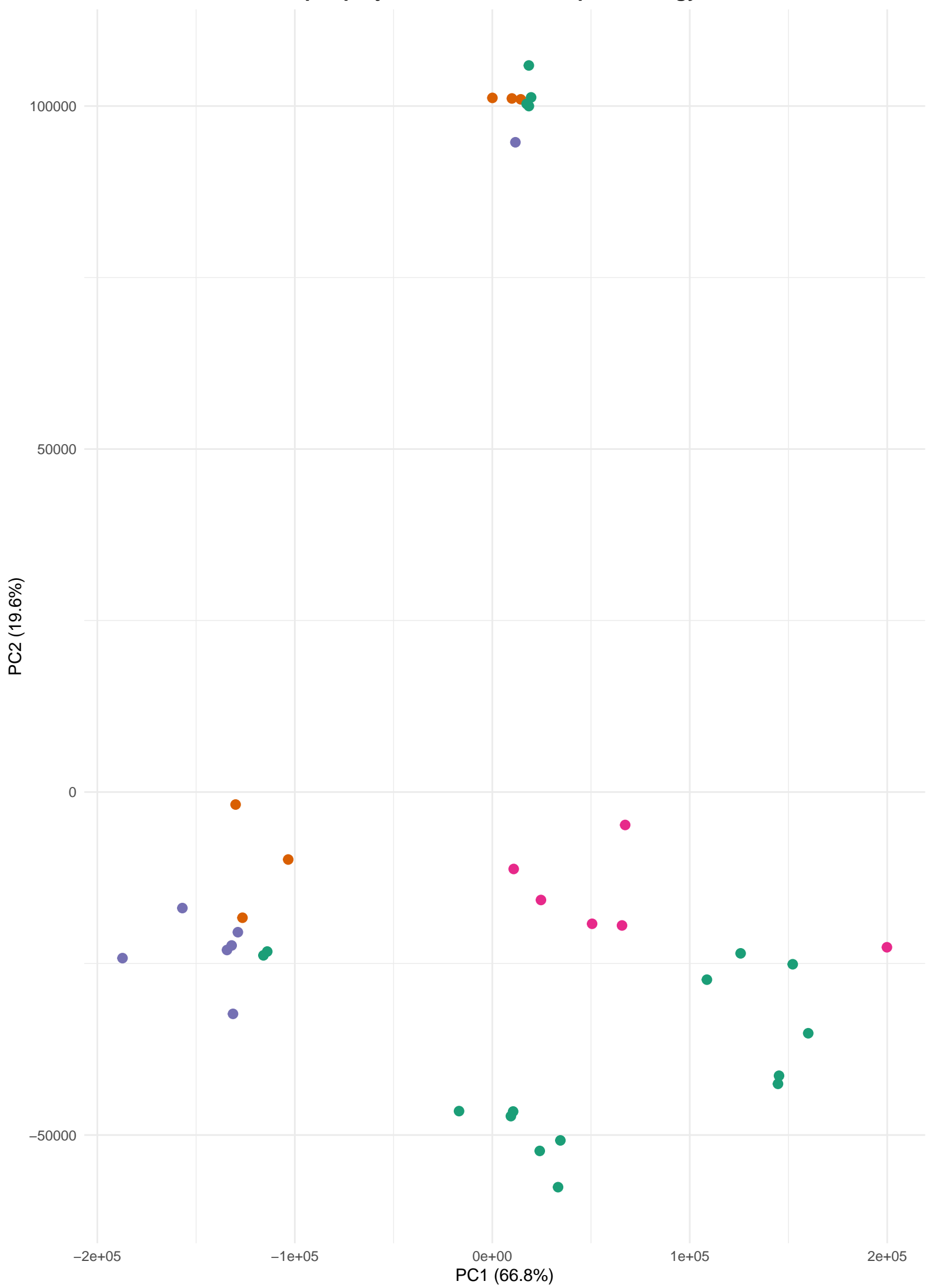
project harmonized cell type

- BLUEPRINT alternatively activated macrophage
- BLUEPRINT macrophage
- BLUEPRINT inflammatory macrophage
- DEEP macrophage


PCA por project harmonized tissue type

project harmonized tissue type ● BLUEPRINT umbilical cord blood ● BLUEPRINT venous blood ● DEEP blood

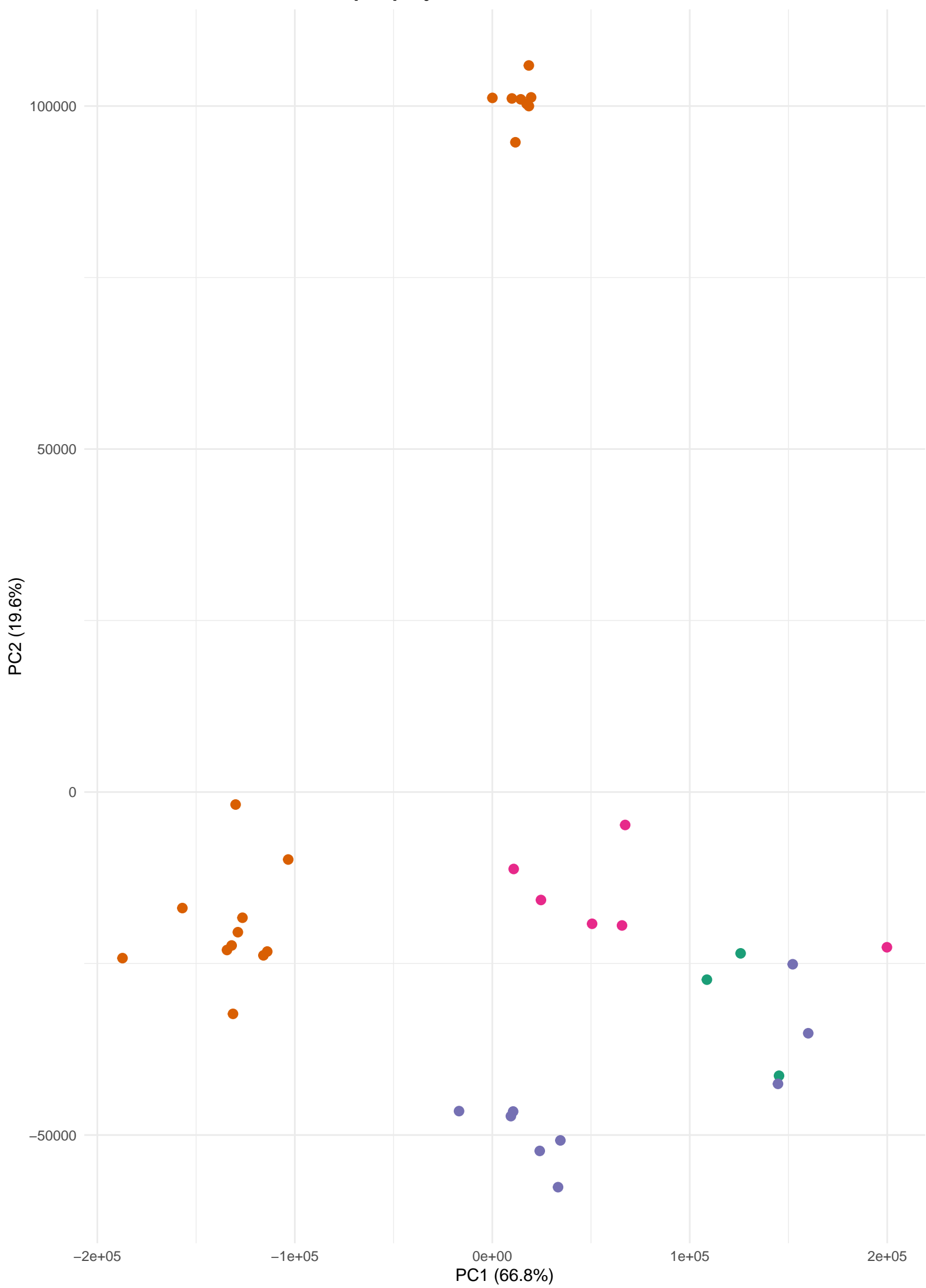
PCA por project harmonized sample ontology curie



project harmonized sample ontology curie

	BLUEPRINT CL:0000235		BLUEPRINT CL:0000890
	BLUEPRINT CL:0000863		DEEP CL:0000235

PCA por project harmonized cell markers



project harmonized cell markers

●	BLUEPRINT	●	BLUEPRINT CD3- CD19- CD56-
●	BLUEPRINT CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+	●	DEEP

PCA por project automated harmonized sample ontology term

project automated harmonized sample ontology term



BLUEPRINT alternatively activated macrophage



BLUEPRINT macrophage

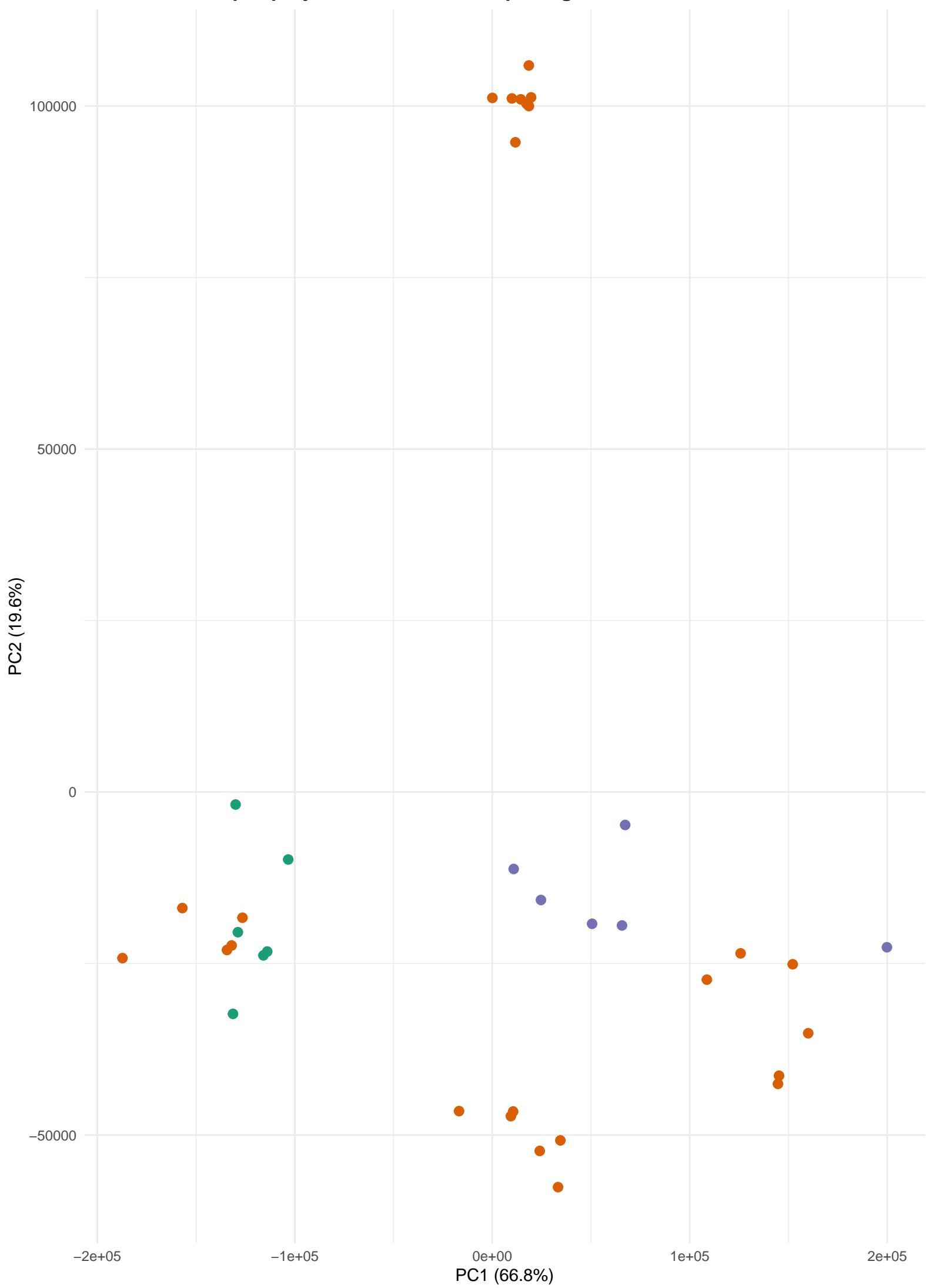


BLUEPRINT inflammatory macrophage



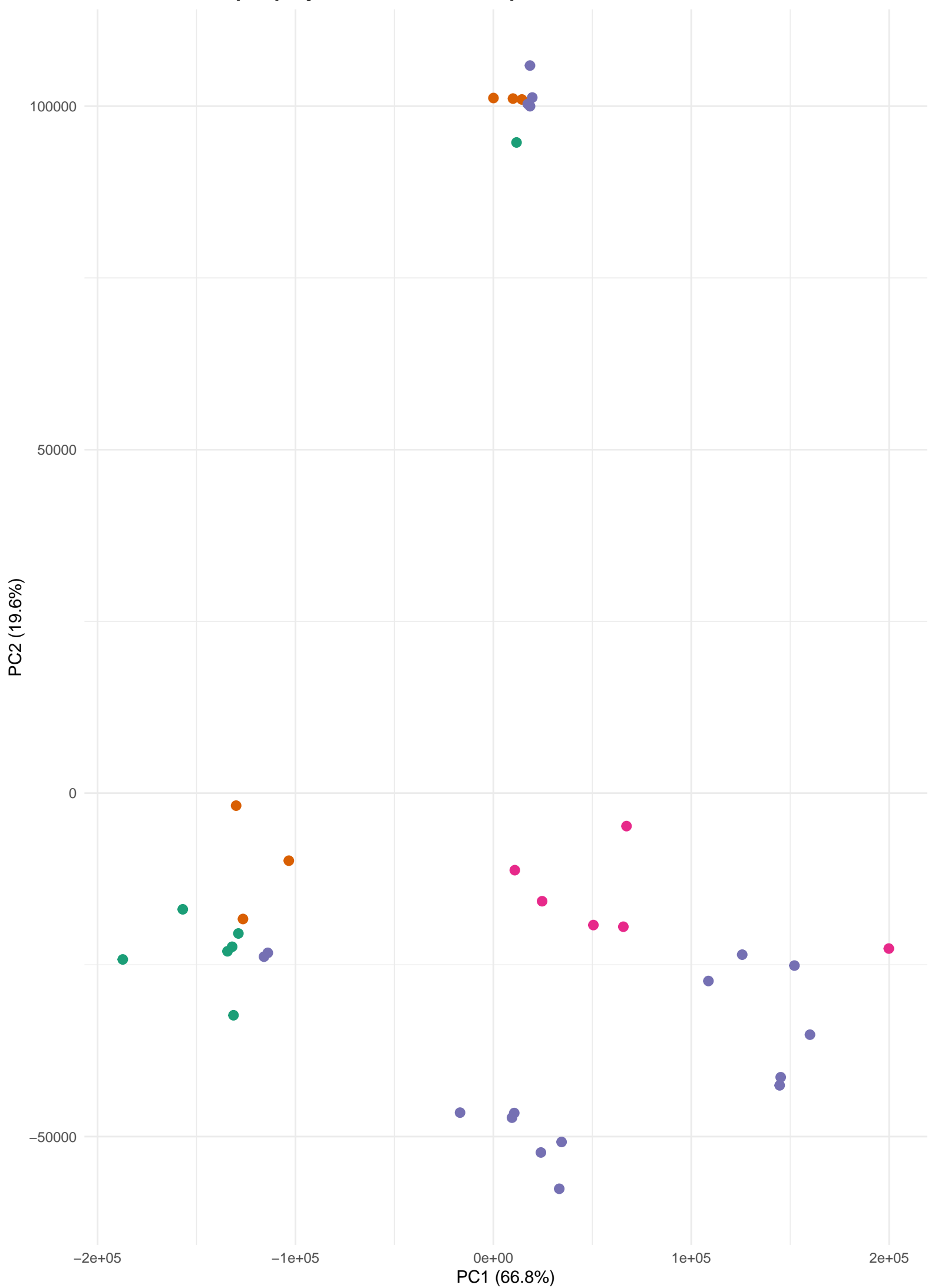
DEEP macrophage

PCA por project harmonized sample organ order AnetaMikulasova



project harmonized sample organ order AnetaMikulasova  BLUEPRINT blood-umbilical-cord  BLUEPRINT blood-venous  DEEP blood-venous

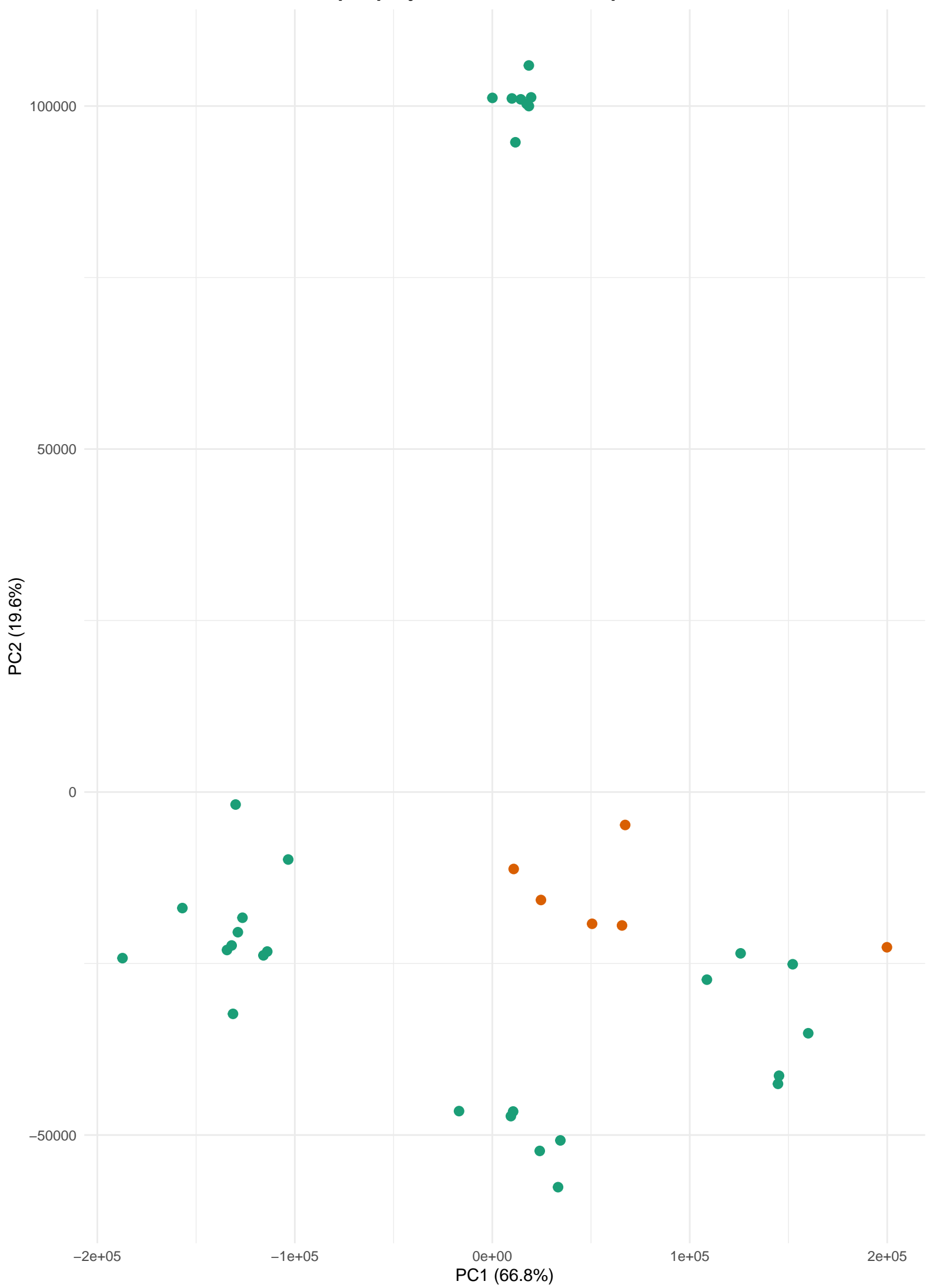
PCA por project harmonized sample cell 2 order AnetaMikulasova



project harmonized sample cell 2 order AnetaMikulasova

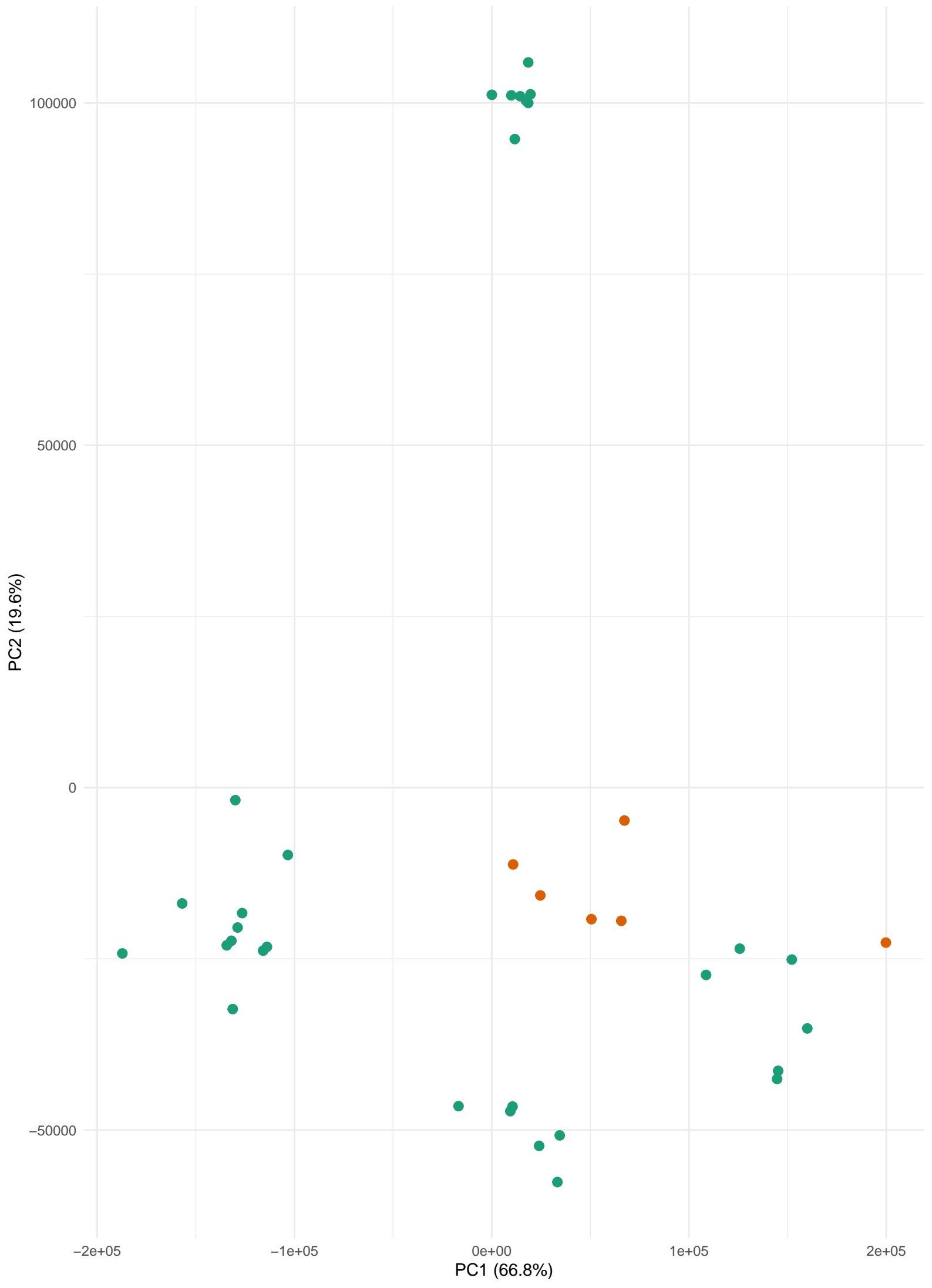
- BLUEPRINT alternatively-activated
- BLUEPRINT x
- BLUEPRINT inflammatory
- DEEP x

PCA por project harmonized sample disease



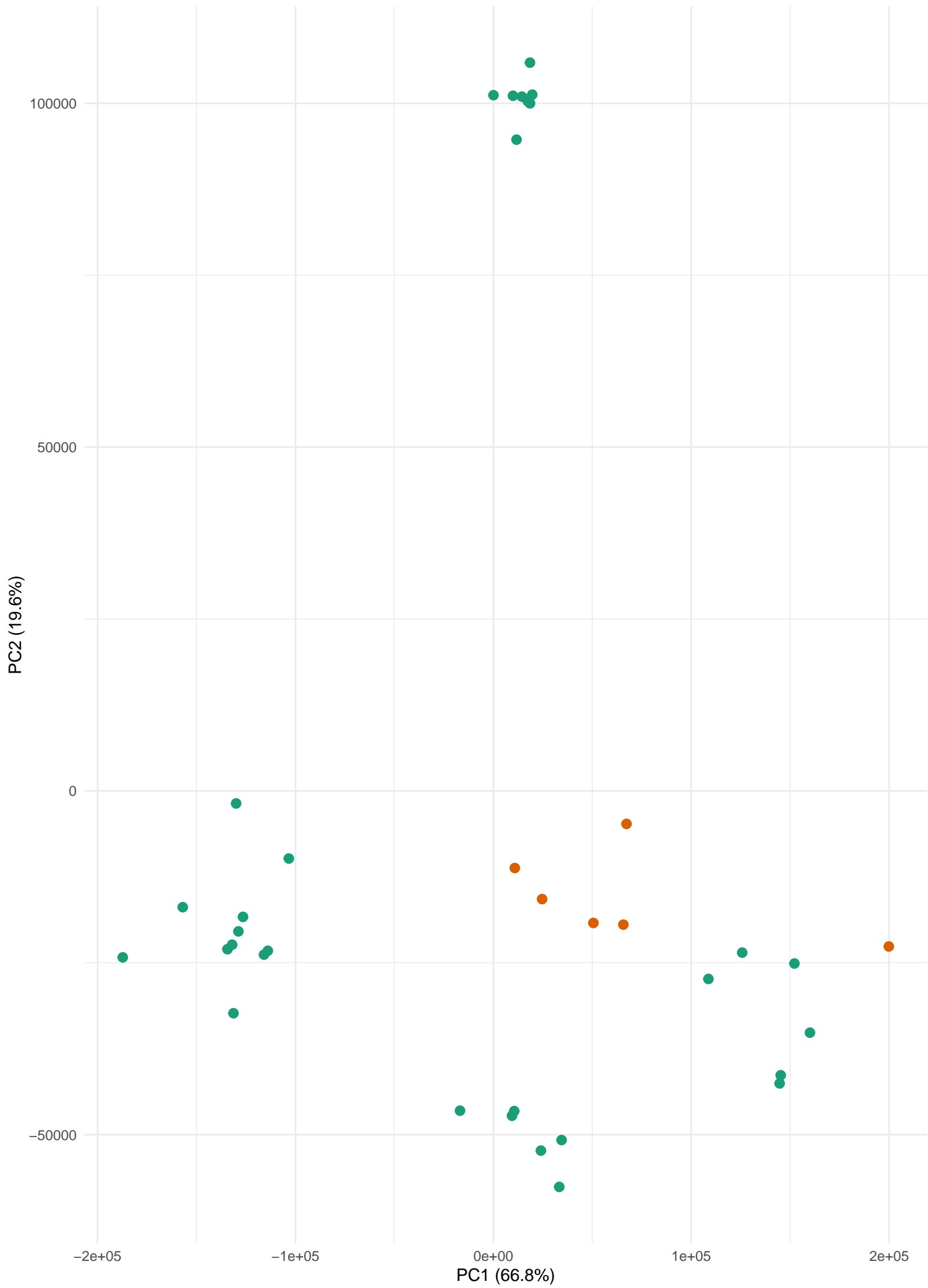
project harmonized sample disease BLUEPRINT None DEEP



PCA por project harmonized sample disease ontology curie



project harmonized sample disease ontology curie  BLUEPRINT NCIM:C0549184  DEEP

PCA por project automated harmonized sample disease ontology curie ncit



project automated harmonized sample disease ontology curie ncit  BLUEPRINT NCIT:C41132  DEEP

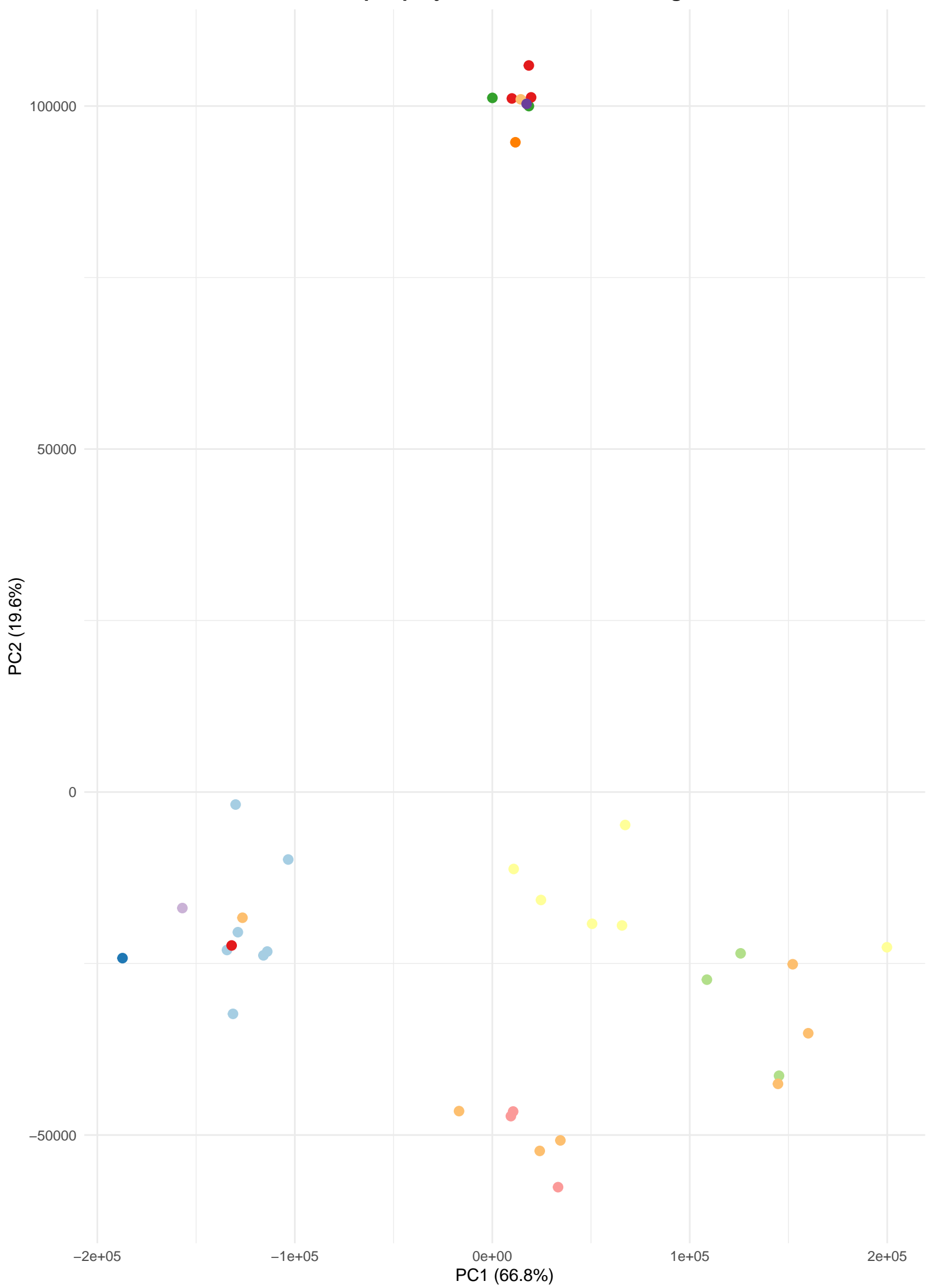
PCA por project harmonized donor type

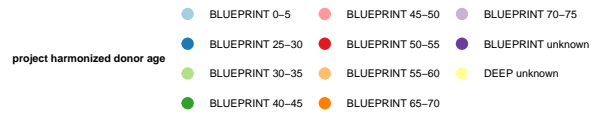
project harmonized donor type  BLUEPRINT Composite  BLUEPRINT Single donor  DEEP Single donor

PCA por project harmonized donor id

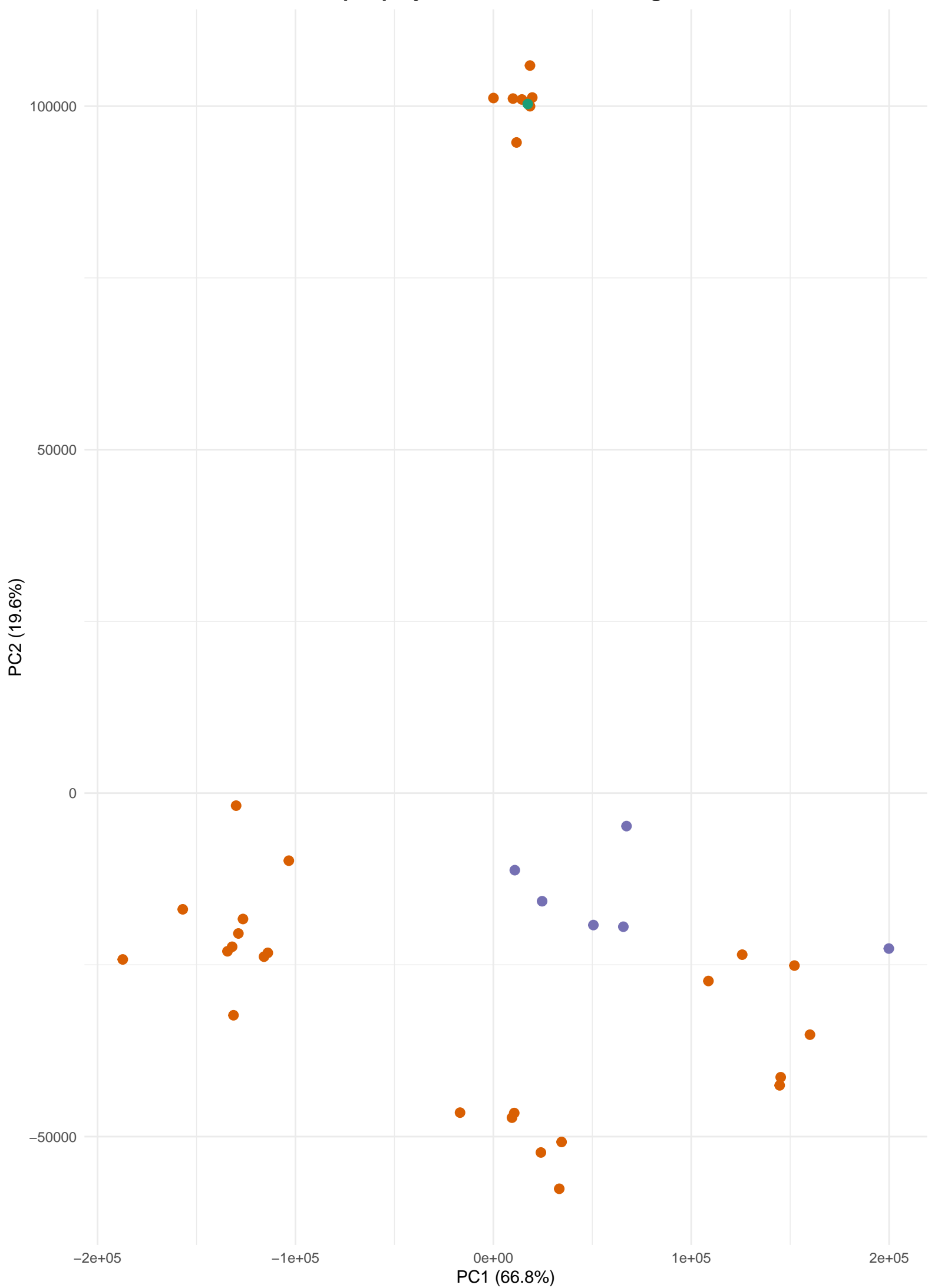
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	 BLUEPRINT N00031318490130	 BLUEPRINT S00390	 BLUEPRINT S00E8W
	 BLUEPRINT N00031319896021	 BLUEPRINT S00622	 BLUEPRINT S00FTN
	 BLUEPRINT N00031406634921	 BLUEPRINT S006VI	 BLUEPRINT S00H6O
project harmonized donor id	 BLUEPRINT N00031406635321	 BLUEPRINT S007SK	 BLUEPRINT S00J8C
	 BLUEPRINT S0018A	 BLUEPRINT S00BHQ	 DEEP 43_Hm03
	 BLUEPRINT S001MJ	 BLUEPRINT S00BS4	 DEEP 43_Hm05
	 BLUEPRINT S001S7	 BLUEPRINT S00C1H	

PCA por project harmonized donor age



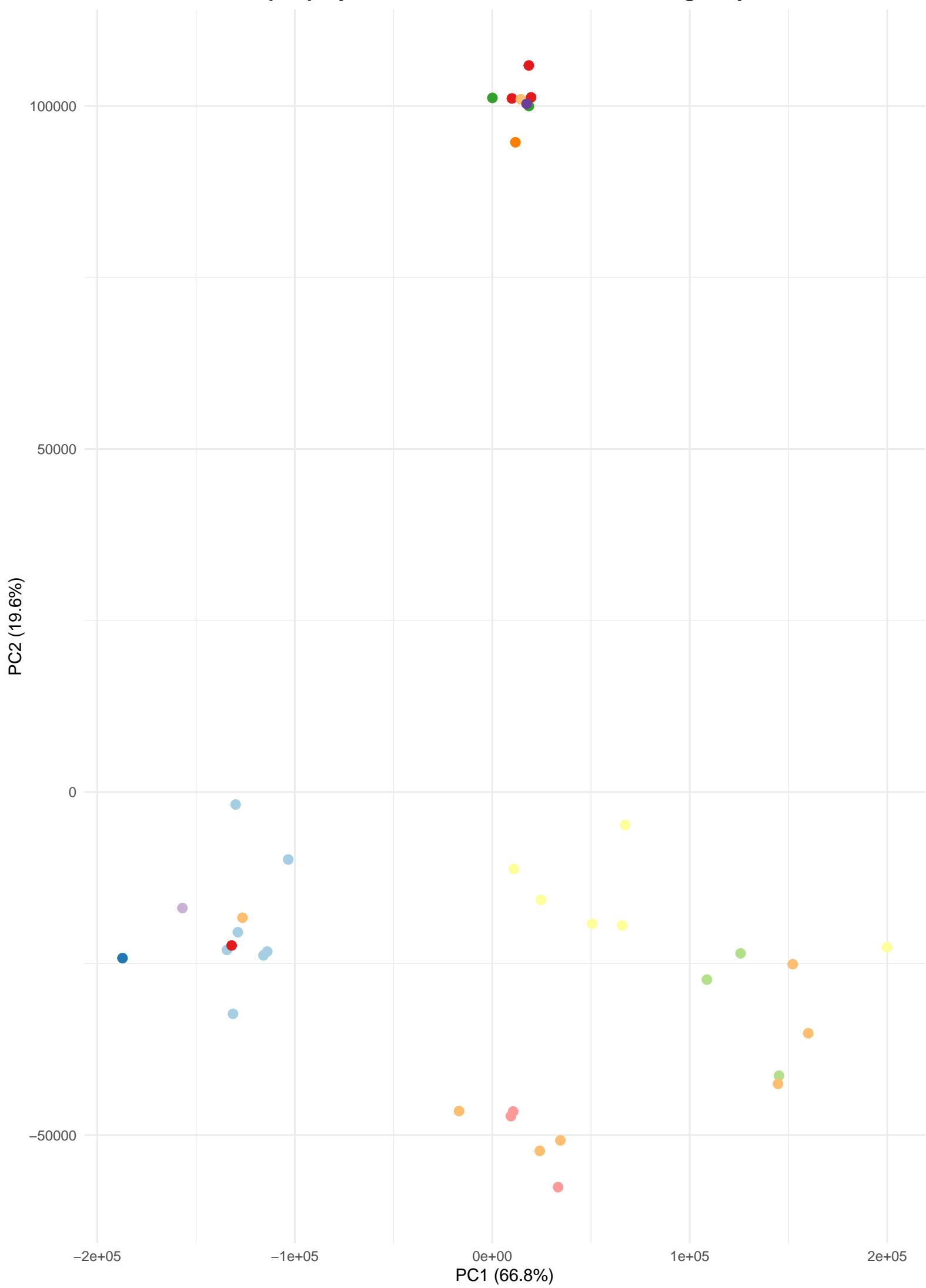


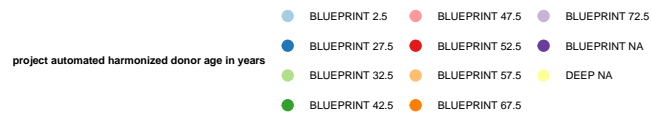
PCA por project harmonized donor age unit



project harmonized donor age unit ● BLUEPRINT unknown ● BLUEPRINT year ● DEEP unknown

PCA por project automated harmonized donor age in years





PCA por project harmonized donor life stage

project harmonized donor life stage ● BLUEPRINT adult ● BLUEPRINT child ● DEEP adult

PCA por project harmonized donor life stage uncorrected

project harmonized donor life stage uncorrected



BLUEPRINT adult



BLUEPRINT unknown

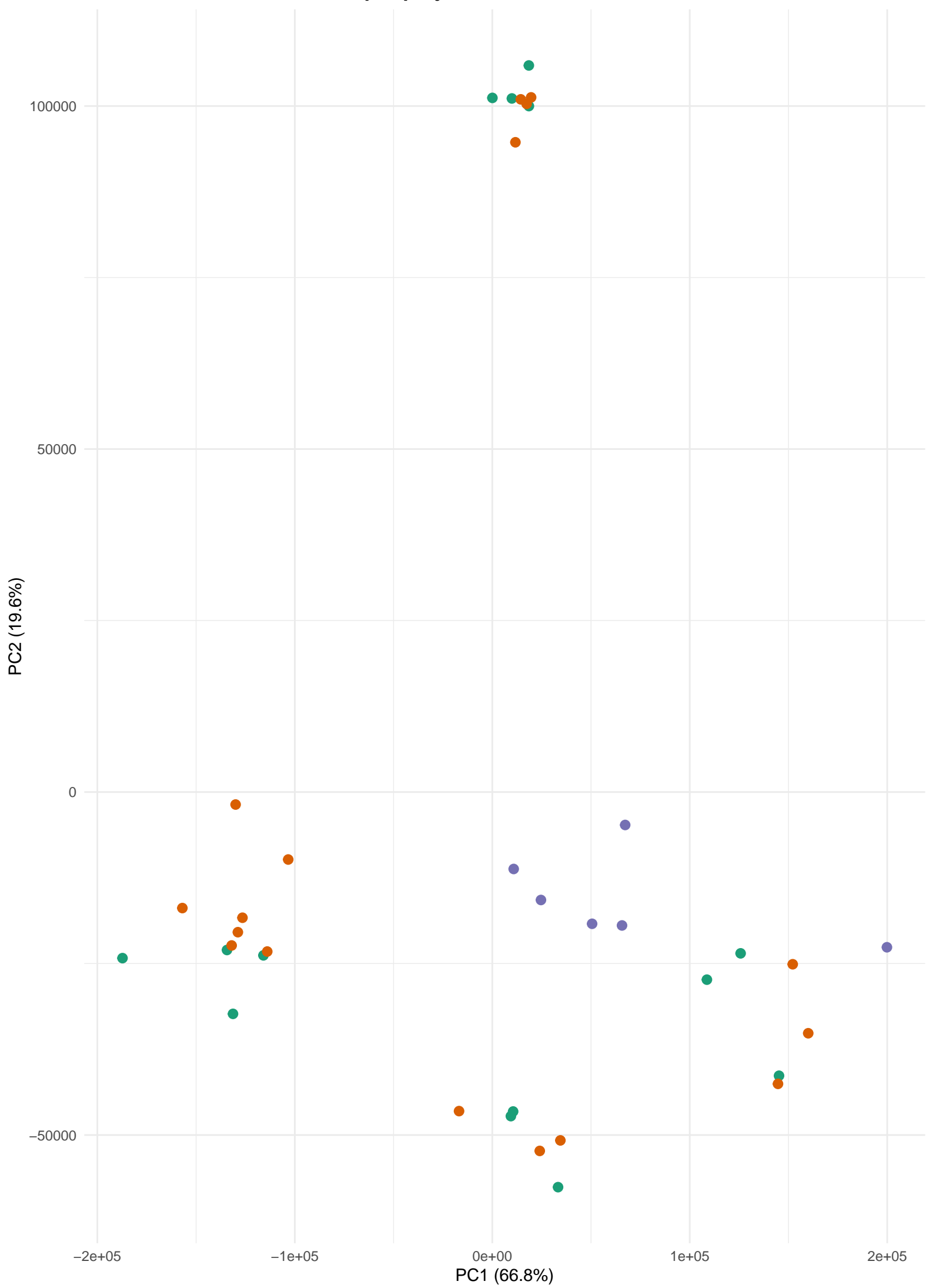


BLUEPRINT child



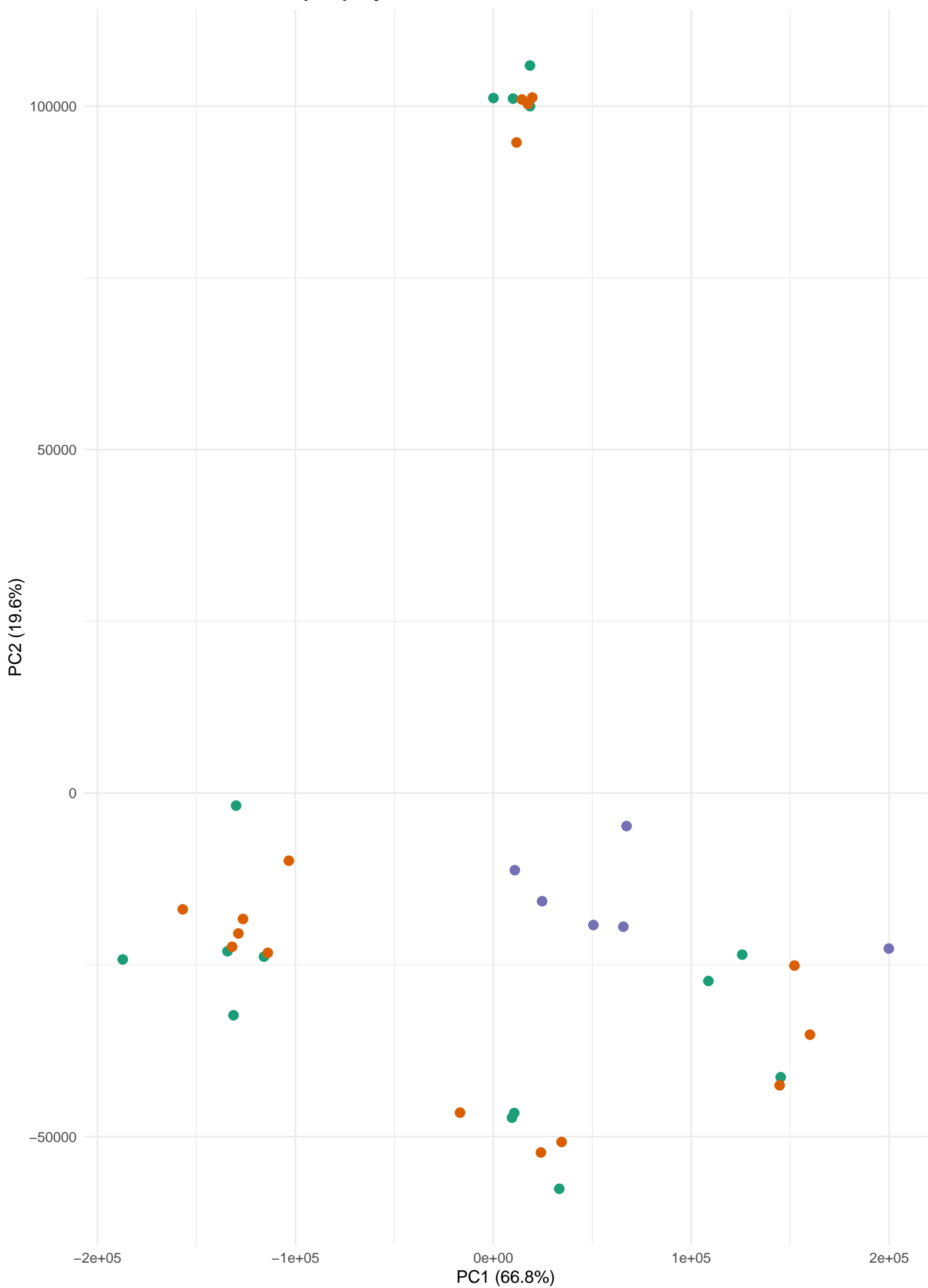
DEEP unknown

PCA por project harmonized donor sex



project harmonized donor sex ● BLUEPRINT female ● BLUEPRINT male ● DEEP male

PCA por project harmonized donor sex uncorrected



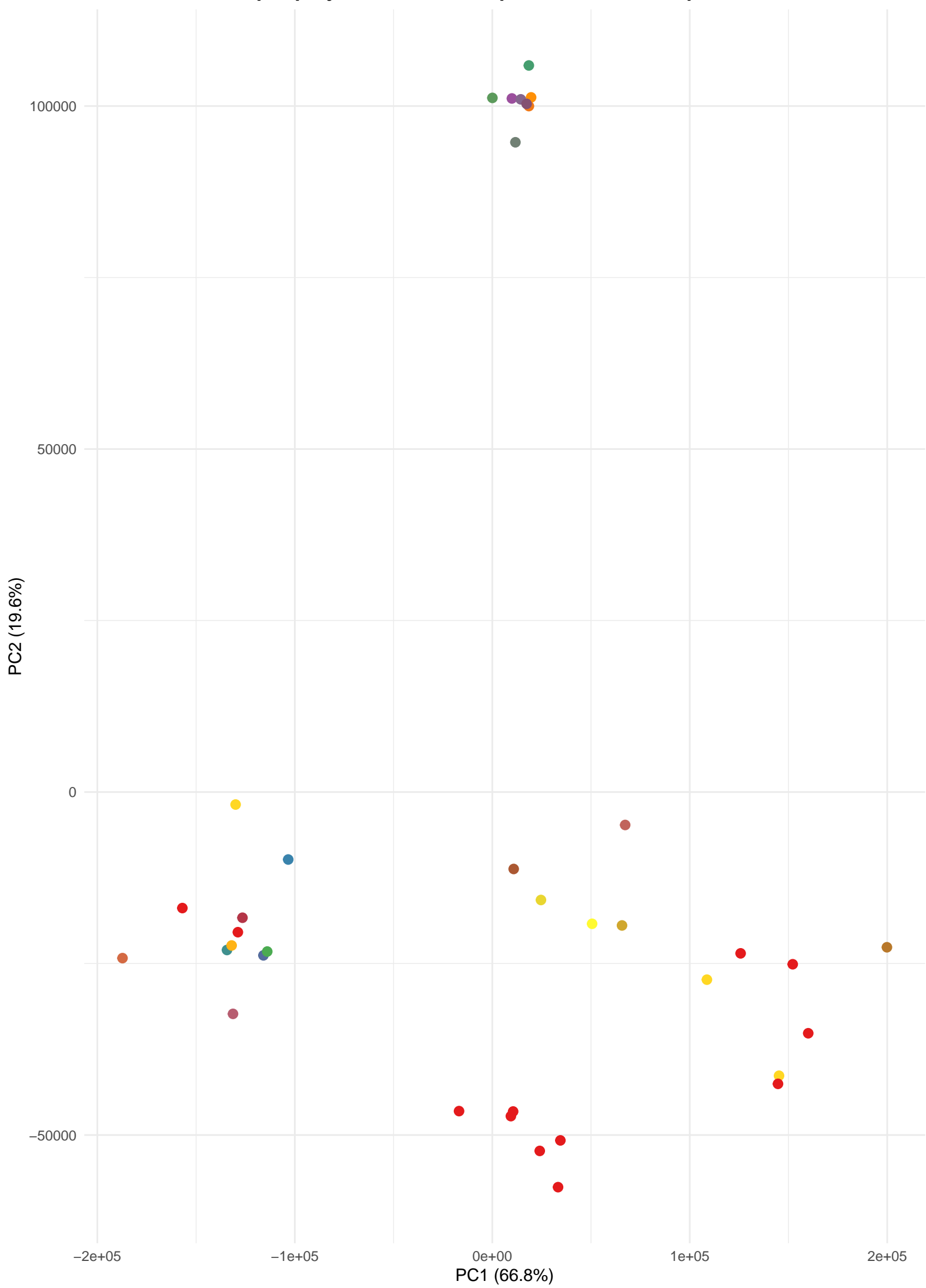
project harmonized donor sex uncorrected ● BLUEPRINT female ● BLUEPRINT male ● DEEP male

PCA por project automated experiments ChIP.Seq H3K27ac

project automated experiments ChIP.Seq H3K27ac

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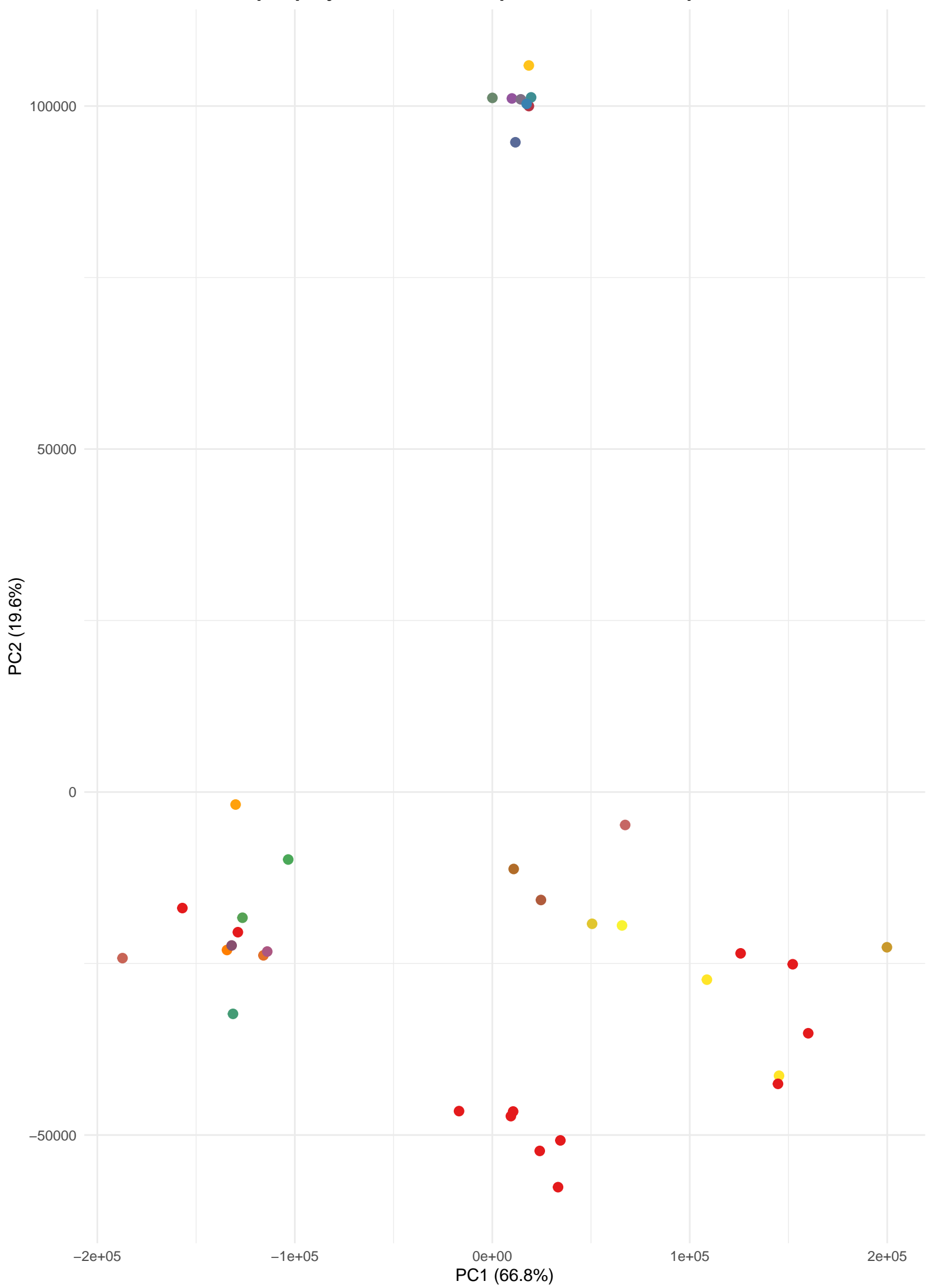
PCA por project automated experiments ChIP.Seq H3K27me3







project automated experiments ChIP.Seq H3K27me3

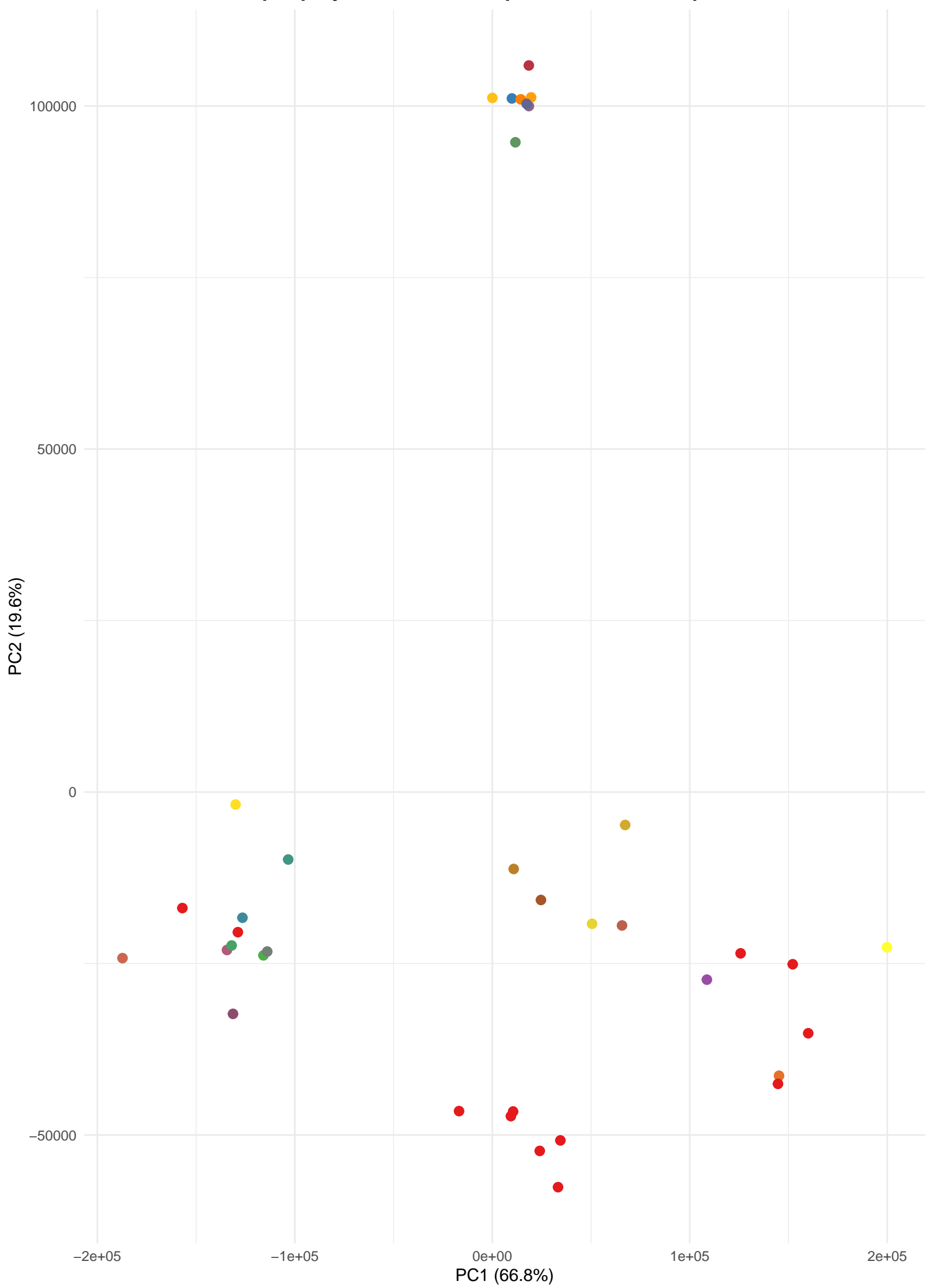
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PCA por project automated experiments ChIP.Seq H3K36me3



project automated experiments ChIP.Seq H3K36me3		BLUEPRINT		BLUEPRINT 8d5b3081-225e-438e-b618-c17adc495516		BLUEPRINT imputed
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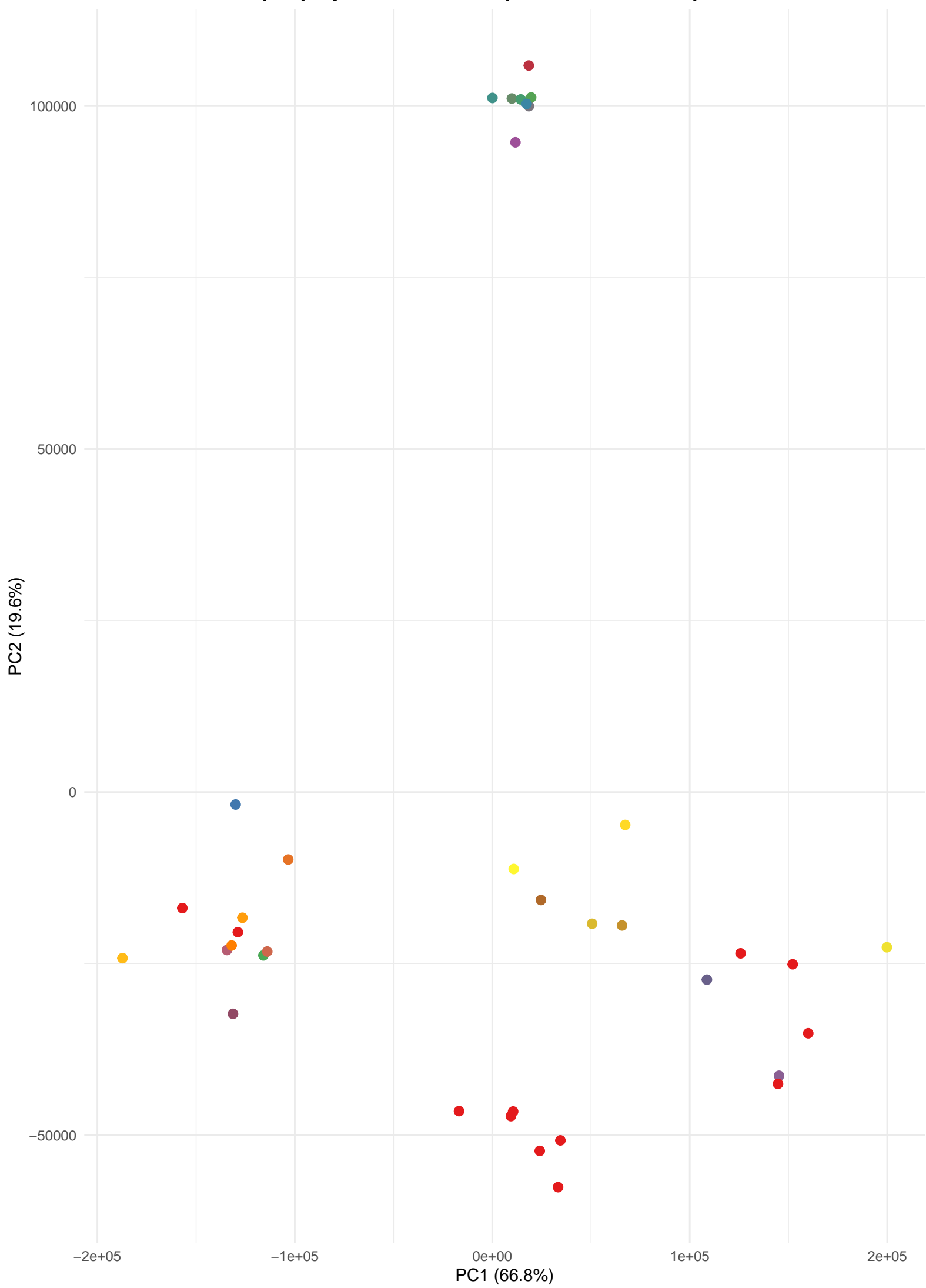
PCA por project automated experiments ChIP.Seq H3K4me1



project automated experiments ChIP.Seq H3K4me1

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PCA por project automated experiments ChIP.Seq H3K4me3



project automated experiments ChIP.Seq H3K4me3

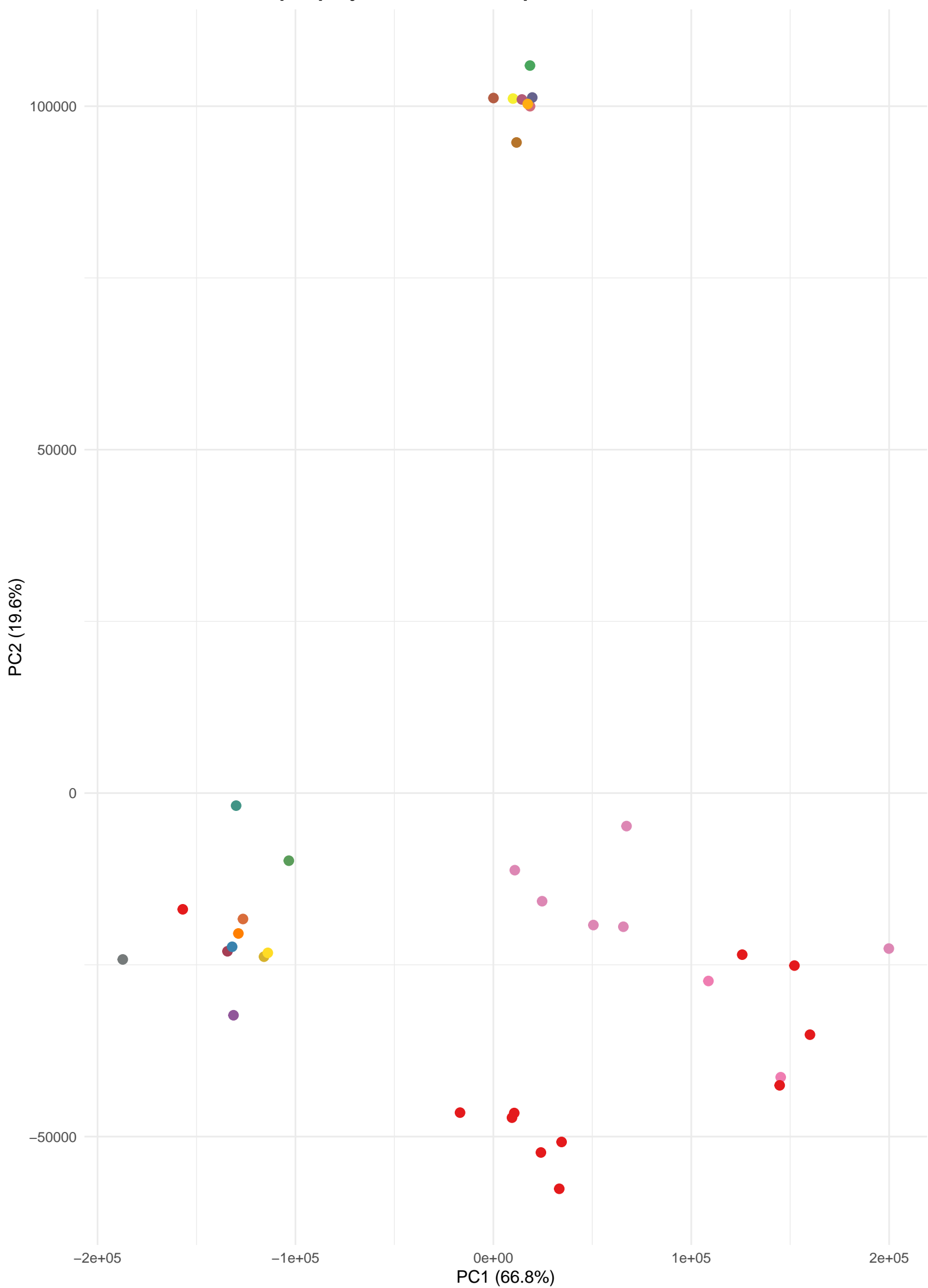
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PCA por project automated experiments ChIP.Seq H3K9me3

project automated experiments ChIP.Seq H3K9me3

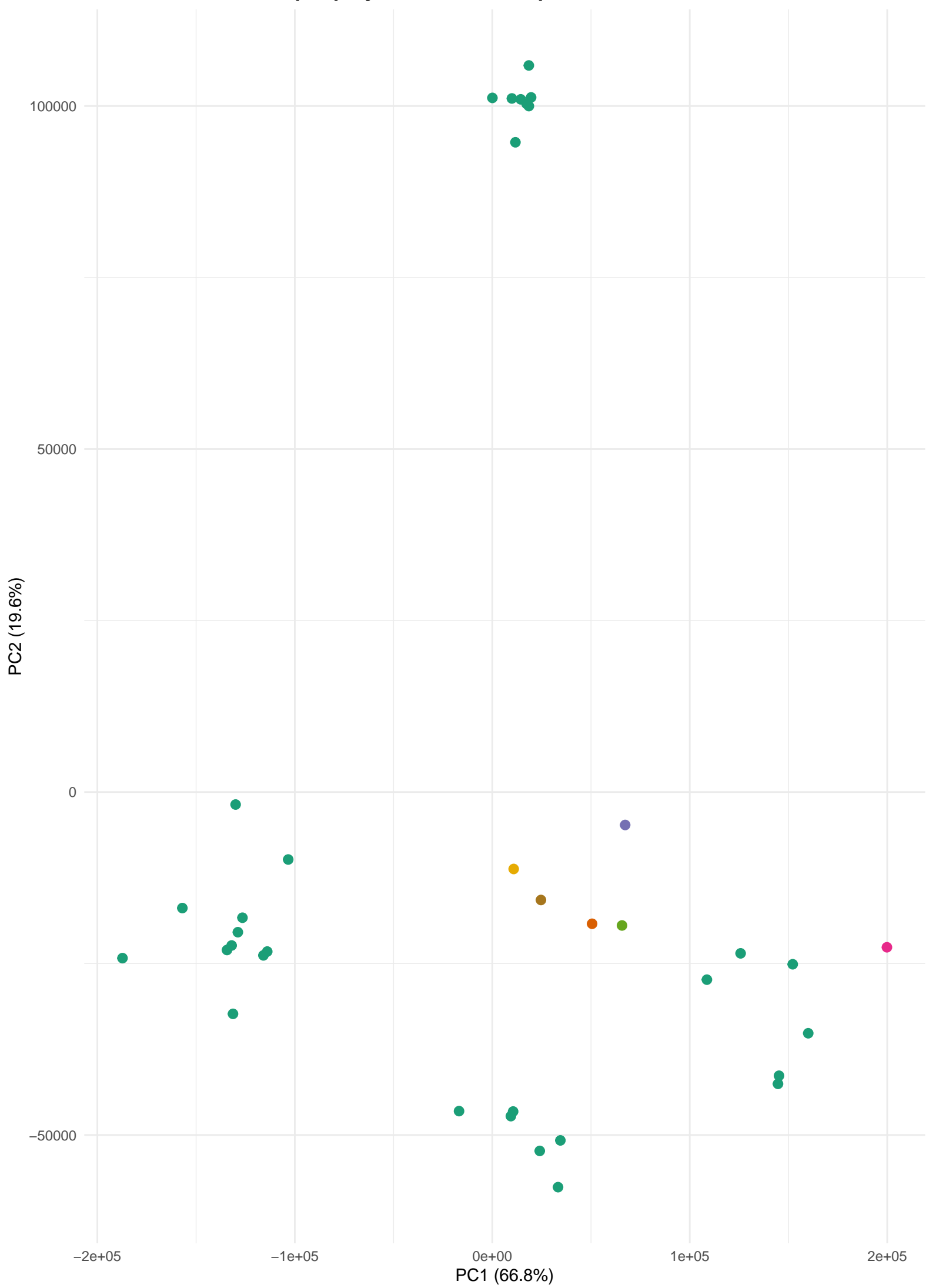
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PCA por project automated experiments WGBS standard



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PCA por project automated experiments WGBS PBAT



project automated experiments WGBS PBAT

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PCA por project automated experiments RNA.Seq mRNA.Seq

project automated experiments RNA.Seq mRNA.Seq

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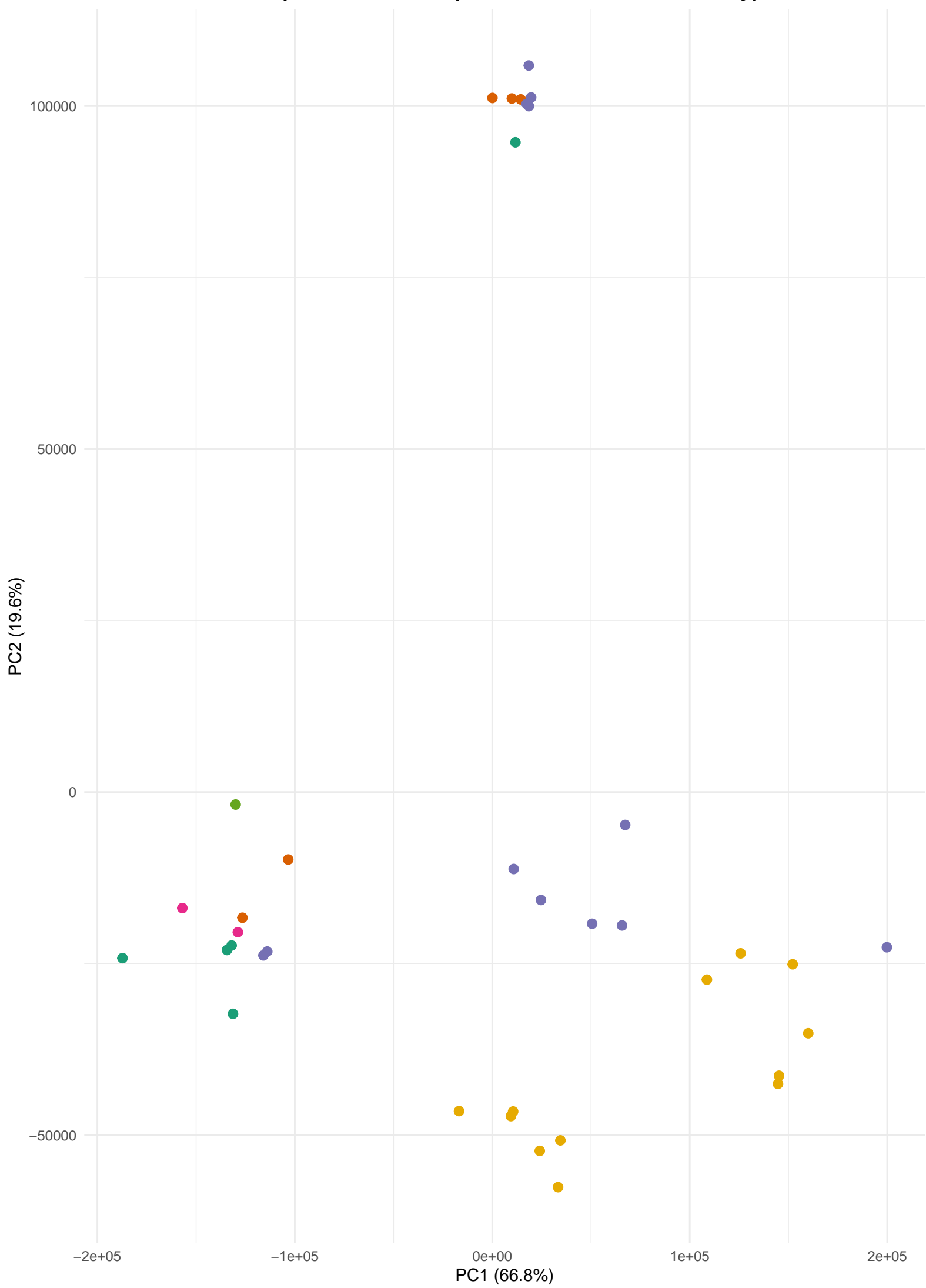
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PCA por harmonized EpiRR status epiATLAS status

harmonized EpiRR status epiATLAS status

- Complete Complete
- Partial Complete_imputed
- Complete Complete_imputed
- Partial Partial

PCA por harmonized EpiRR status harmonized cell type



harmonized EpiRR status harmonized cell type



Complete alternatively activated macrophage



Complete macrophage



Partial inflammatory macrophage



Complete inflammatory macrophage

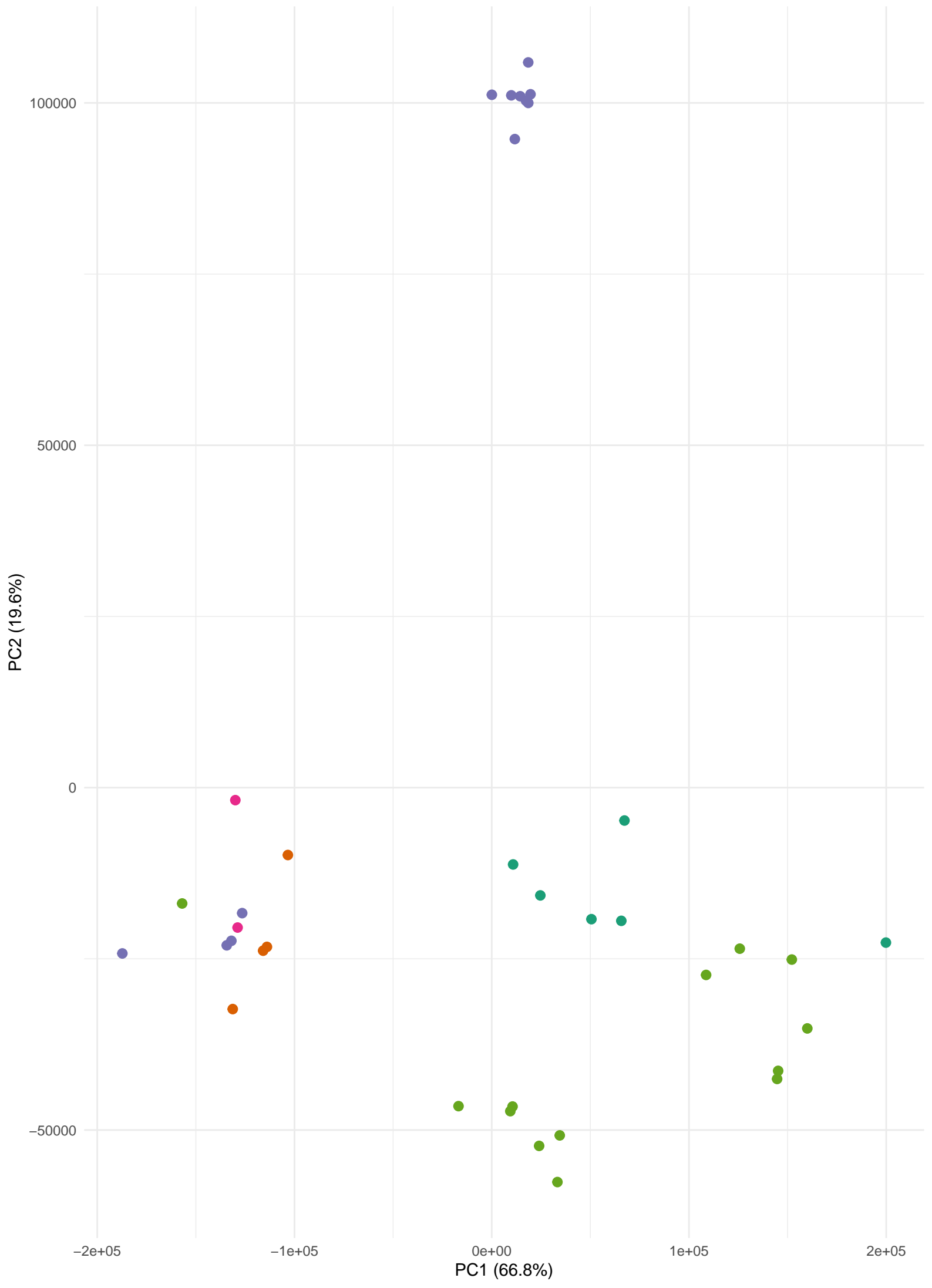


Partial alternatively activated macrophage



Partial macrophage

PCA por harmonized EpiRR status harmonized tissue type



harmonized EpiRR status harmonized tissue type



Complete blood



Complete venous blood



Partial venous blood

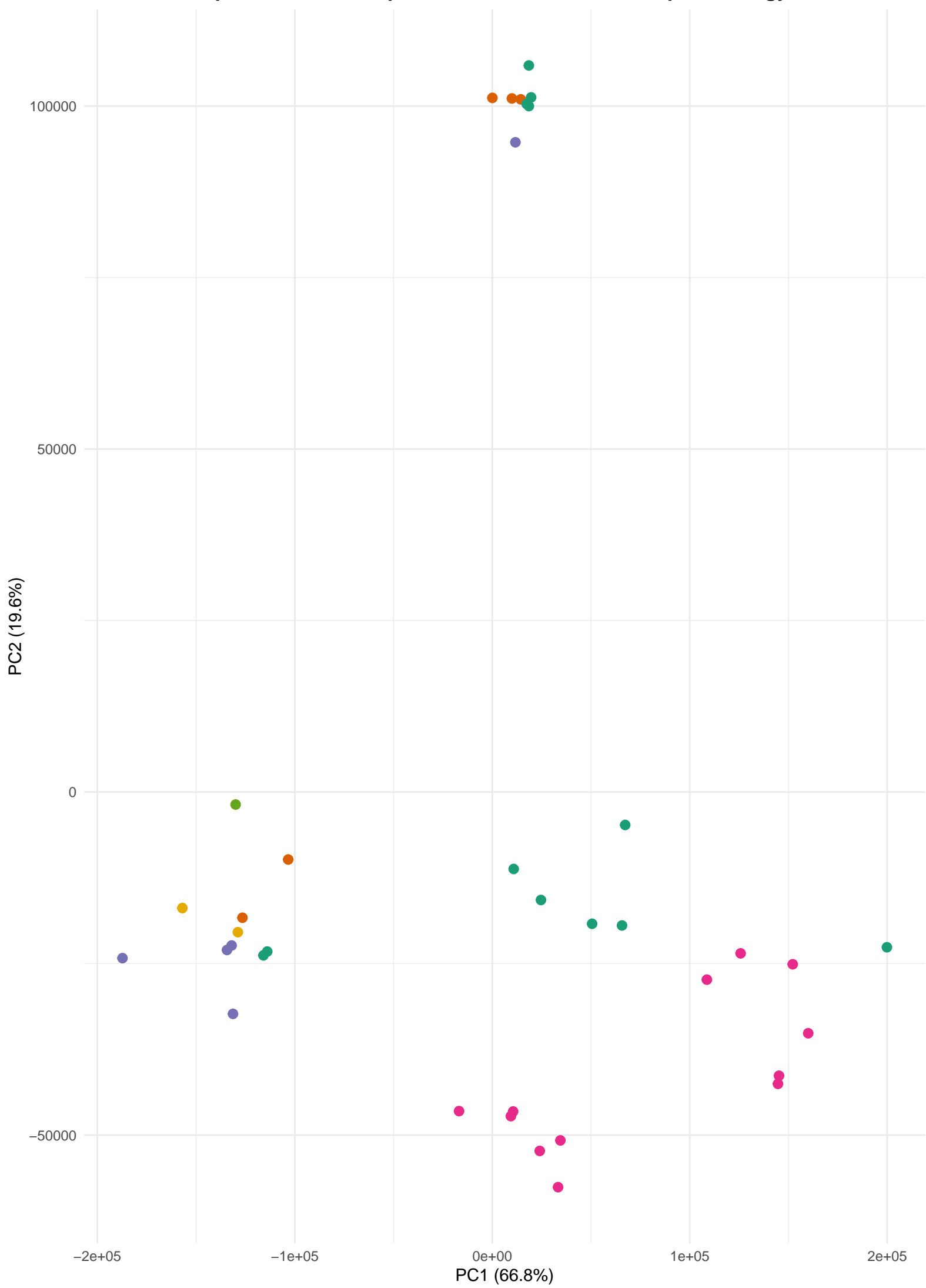


Complete umbilical cord blood



Partial umbilical cord blood

PCA por harmonized EpiRR status harmonized sample ontology curie



harmonized EpiRR status harmonized sample ontology curie

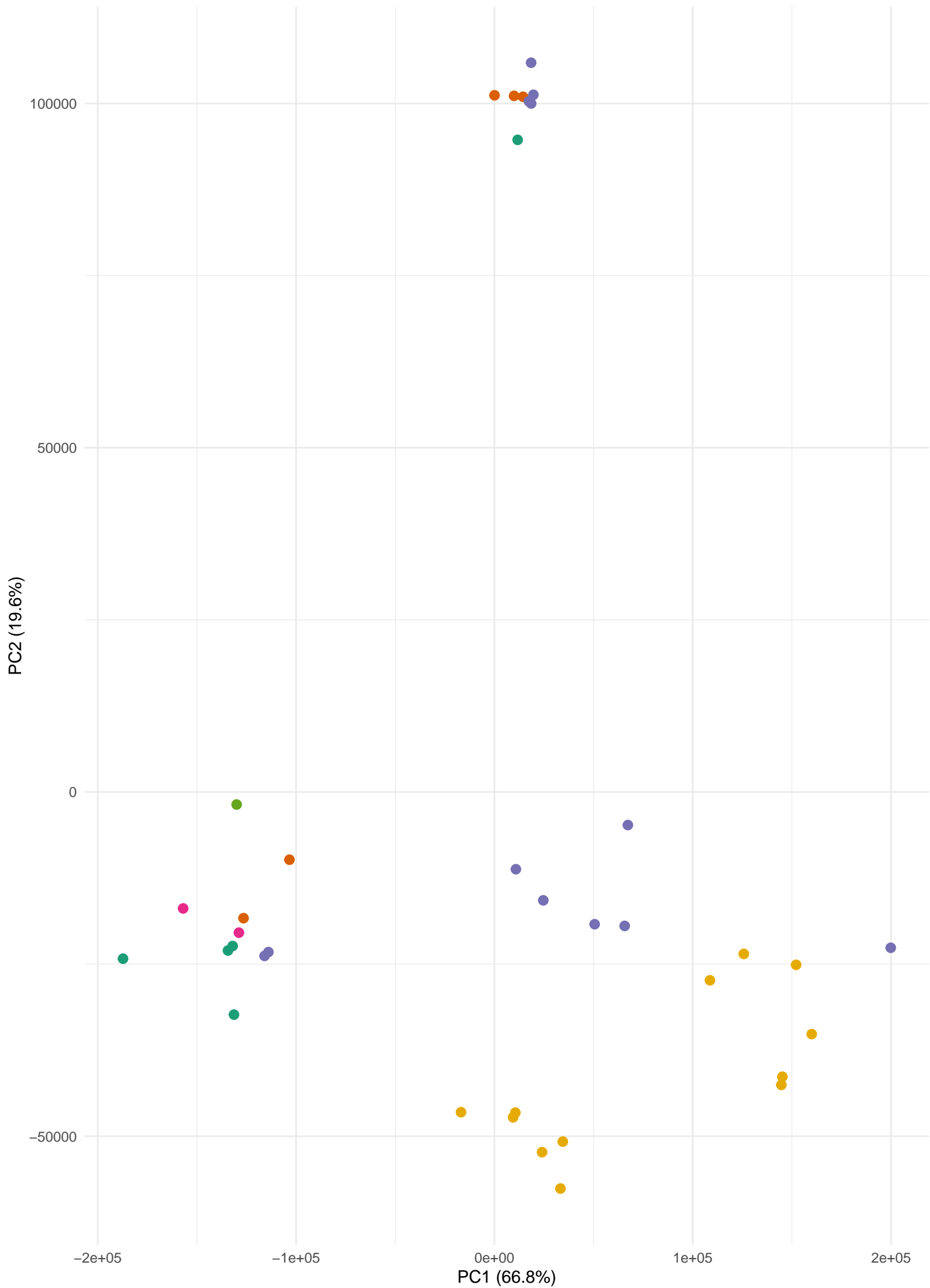
- Complete CL:0000235
- Complete CL:0000890
- Partial CL:0000863
- Complete CL:0000863
- Partial CL:0000235
- Partial CL:0000890

PCA por harmonized EpiRR status harmonized cell markers

harmonized EpiRR status harmonized cell markers

- Complete
- Partial
- Partial CD3- CD19- CD56-
- Complete CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+
- Partial CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+

PCA por harmonized EpiRR status automated harmonized sample ontology term



harmonized EpiRR status automated harmonized sample ontology term



Complete alternatively activated macrophage



Complete macrophage



Partial inflammatory macrophage



Complete inflammatory macrophage

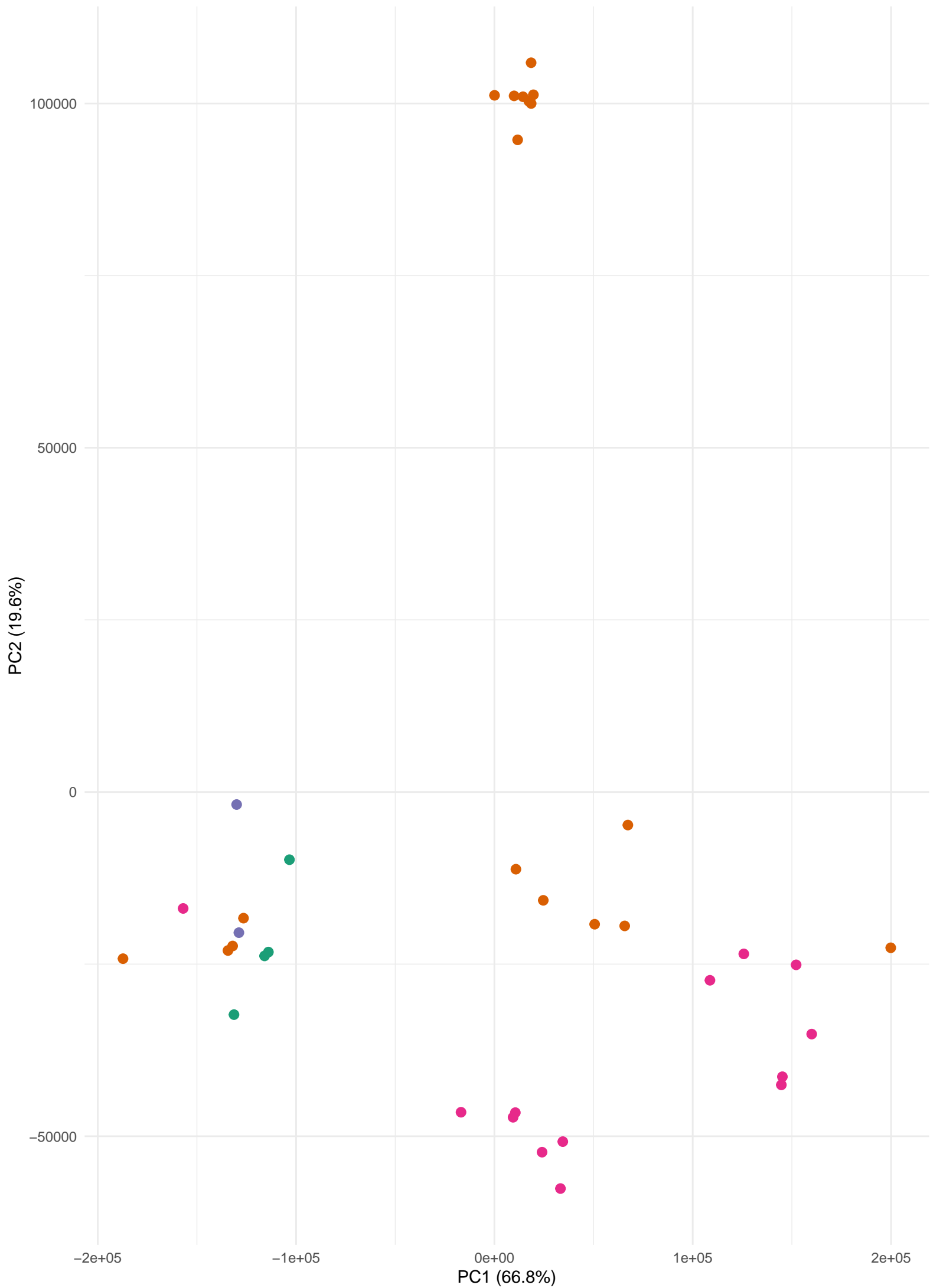


Partial alternatively activated macrophage



Partial macrophage

PCA por harmonized EpiRR status harmonized sample organ order AnetaMikulasova



harmonized EpiRR status harmonized sample organ order AnetaMikulasova



Complete blood-umbilical-cord



Partial blood-umbilical-cord



Complete blood-venous



Partial blood-venous

PCA por harmonized EpiRR status harmonized sample cell 2 order AnetaMikulasova

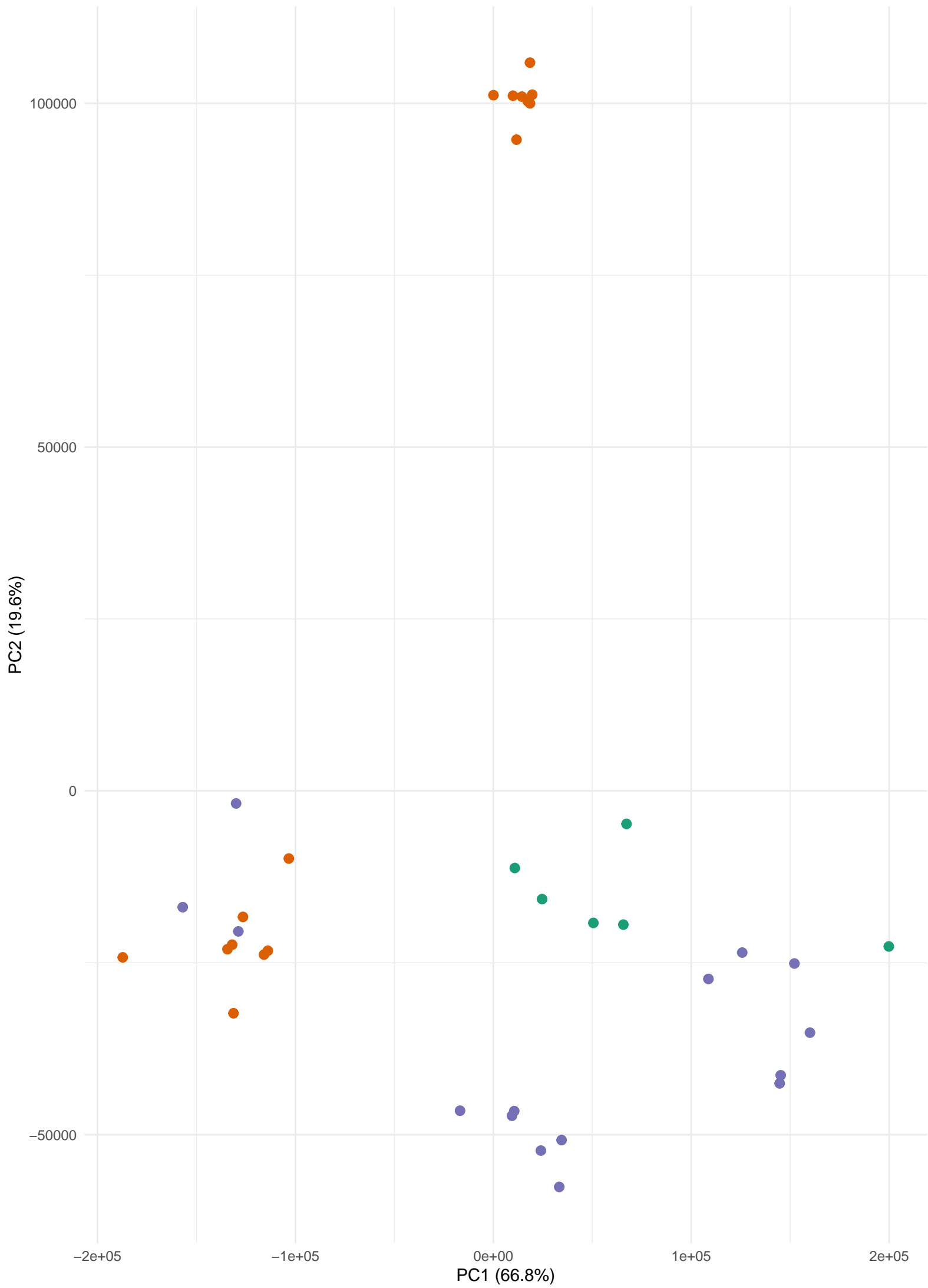
harmonized EpiRR status harmonized sample cell 2 order AnetaMikulasova

- Complete alternatively-activated
- Complete inflammatory
- Complete x
- Partial alternatively-activated
- Partial inflammatory
- Partial x

PCA por harmonized EpiRR status harmonized sample disease




harmonized EpiRR status harmonized sample disease  Complete  Complete None  Partial None

PCA por harmonized EpiRR status harmonized sample disease ontology curie




harmonized EpiRR status harmonized sample disease ontology curie  Complete  Complete NCIM:C0549184  Partial NCIM:C0549184

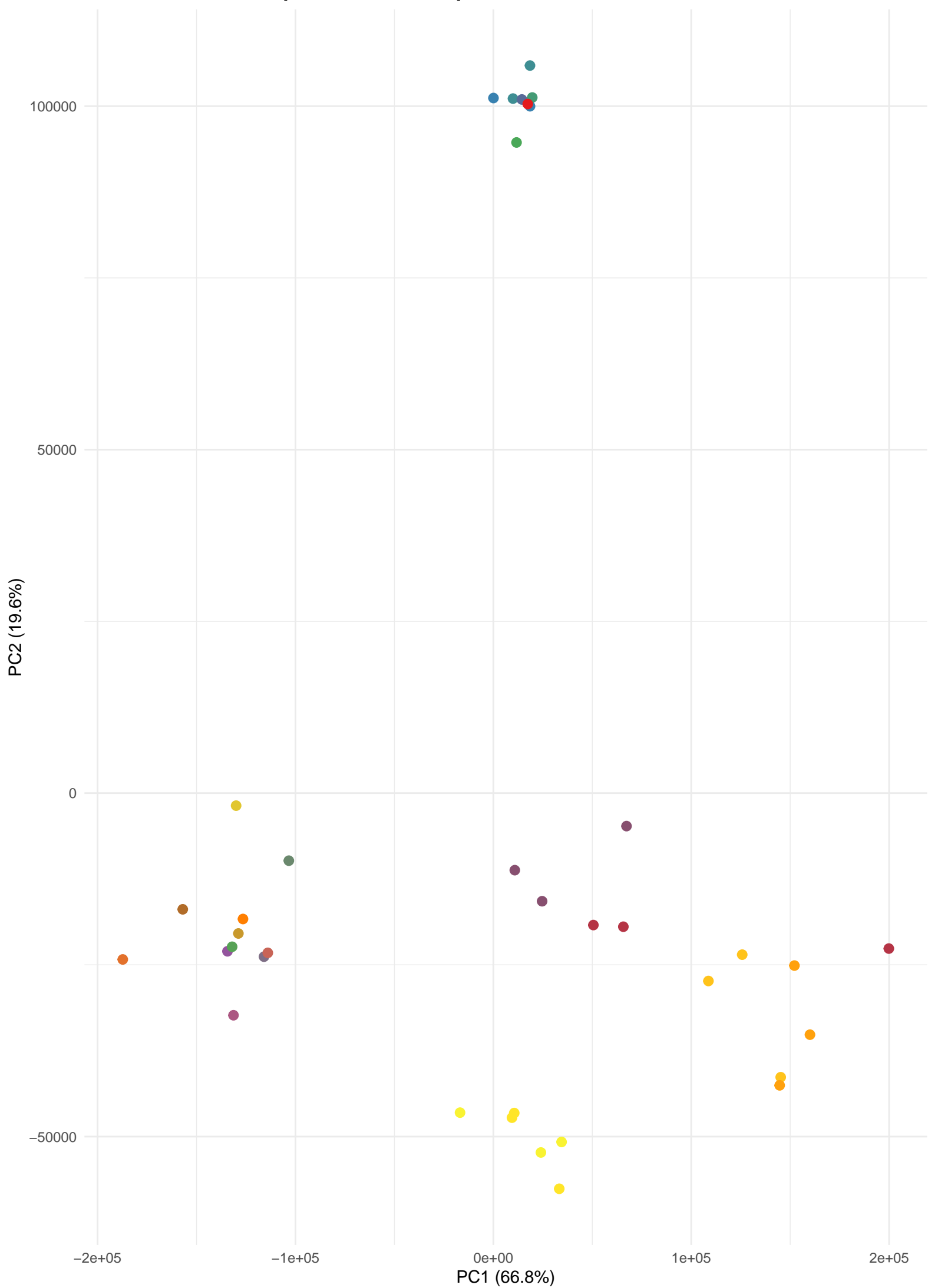
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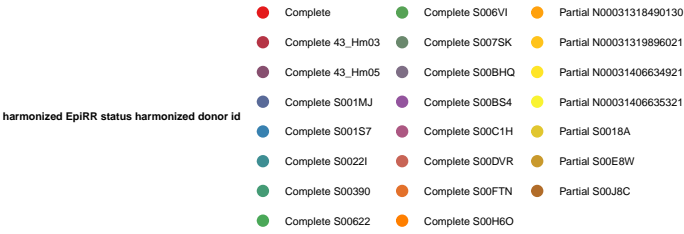
harmonized EpiRR status automated harmonized sample disease ontology curie ncit  Complete  Complete NCIT:C41132  Partial NCIT:C41132

PCA por harmonized EpiRR status harmonized donor type

harmonized EpiRR status harmonized donor type  Complete Composite  Complete Single donor  Partial Single donor

PCA por harmonized EpiRR status harmonized donor id





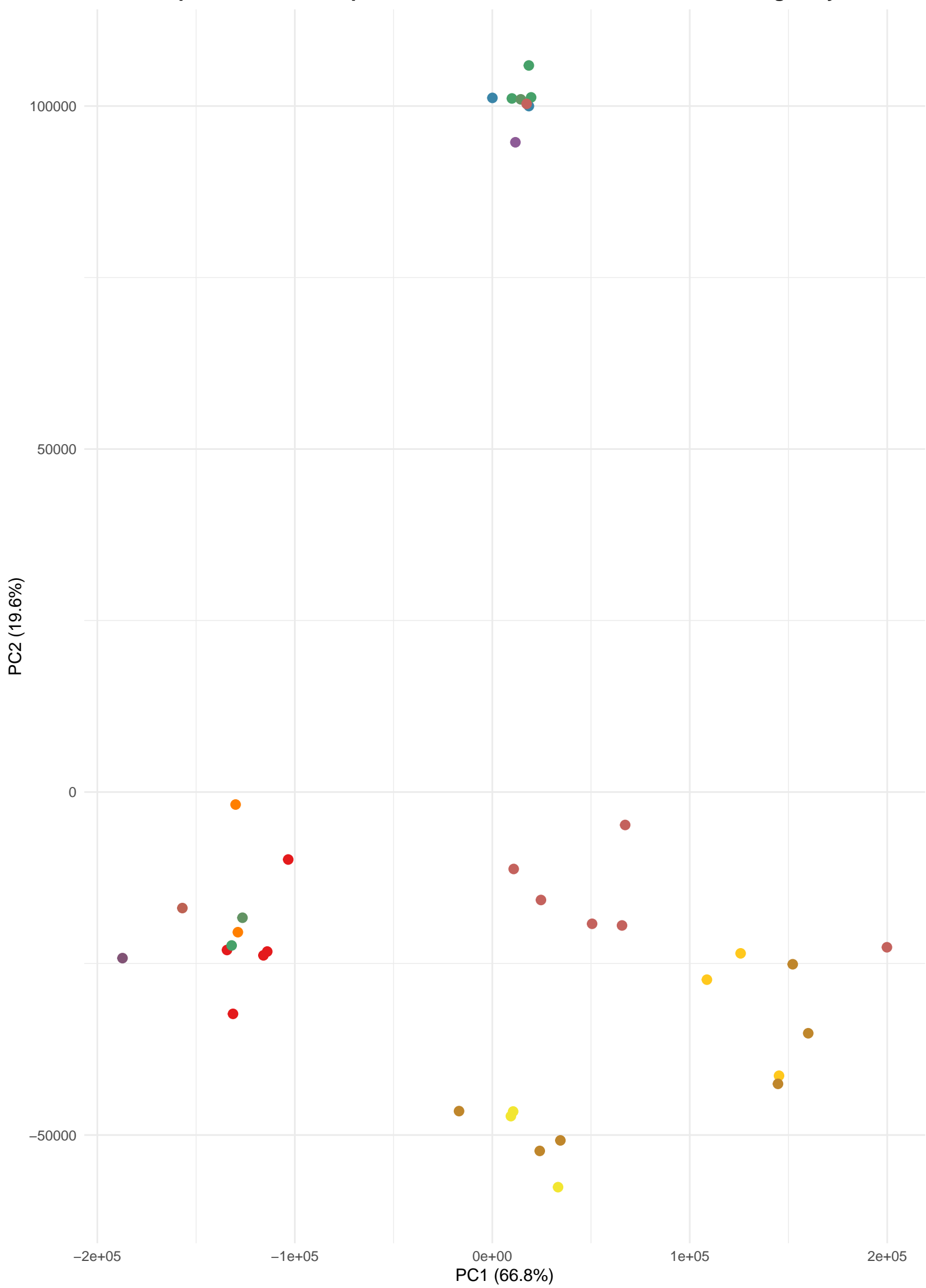
PCA por harmonized EpiRR status harmonized donor age



PCA por harmonized EpiRR status harmonized donor age unit

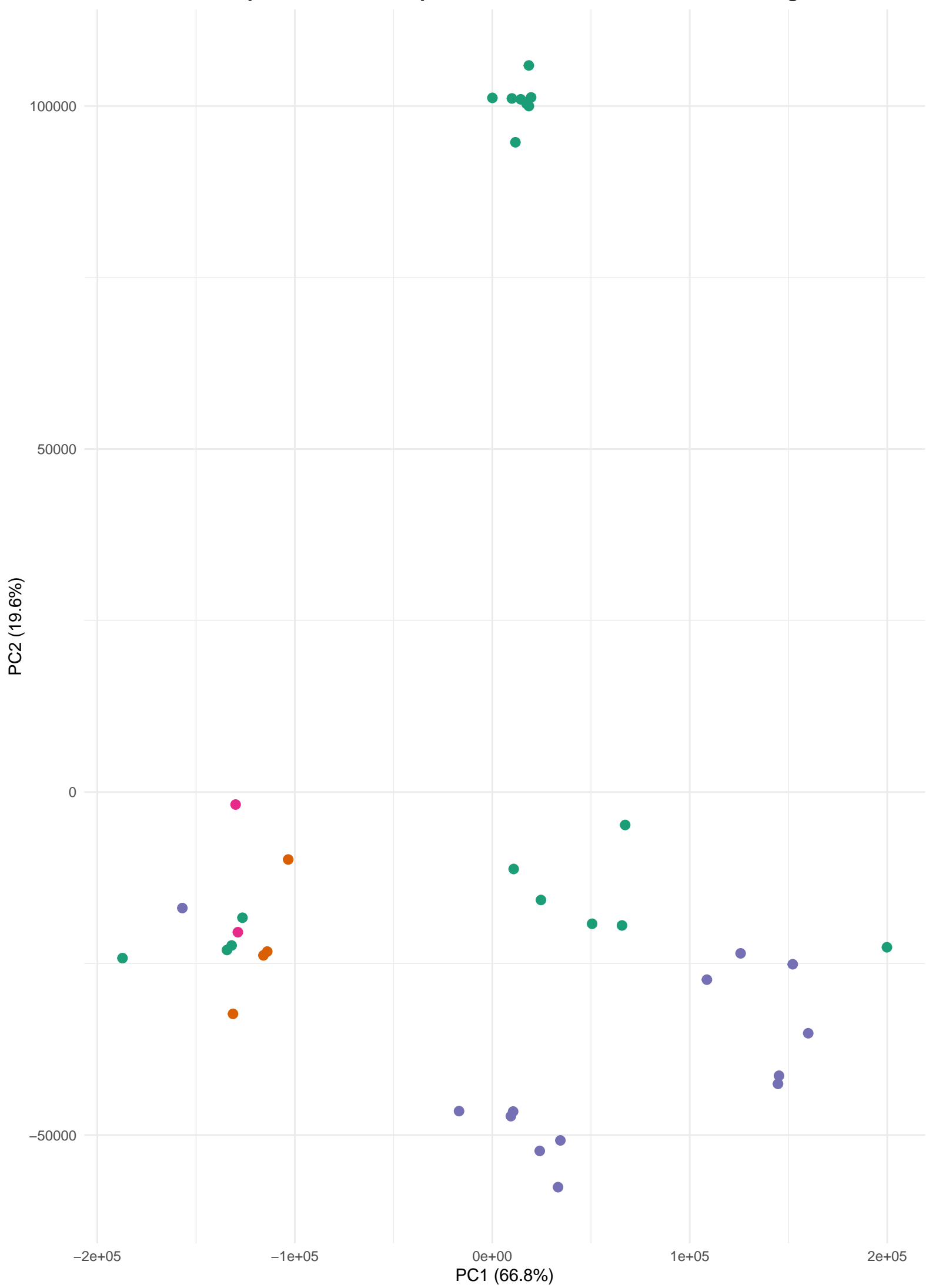
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PCA por harmonized EpiRR status automated harmonized donor age in years





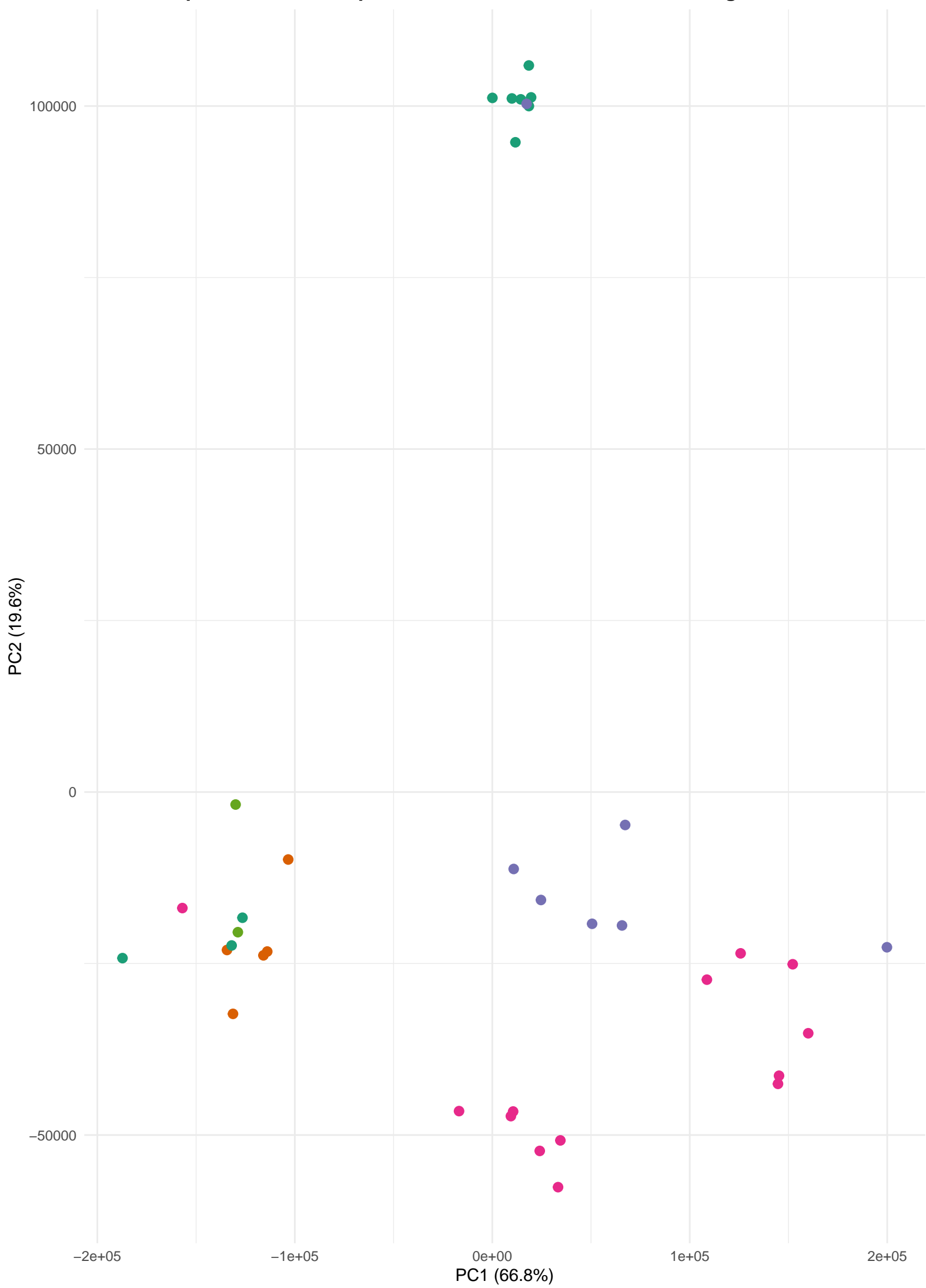
PCA por harmonized EpiRR status harmonized donor life stage



harmonized EpiRR status harmonized donor life stage

- Complete adult
- Partial adult
- Complete child
- Partial child

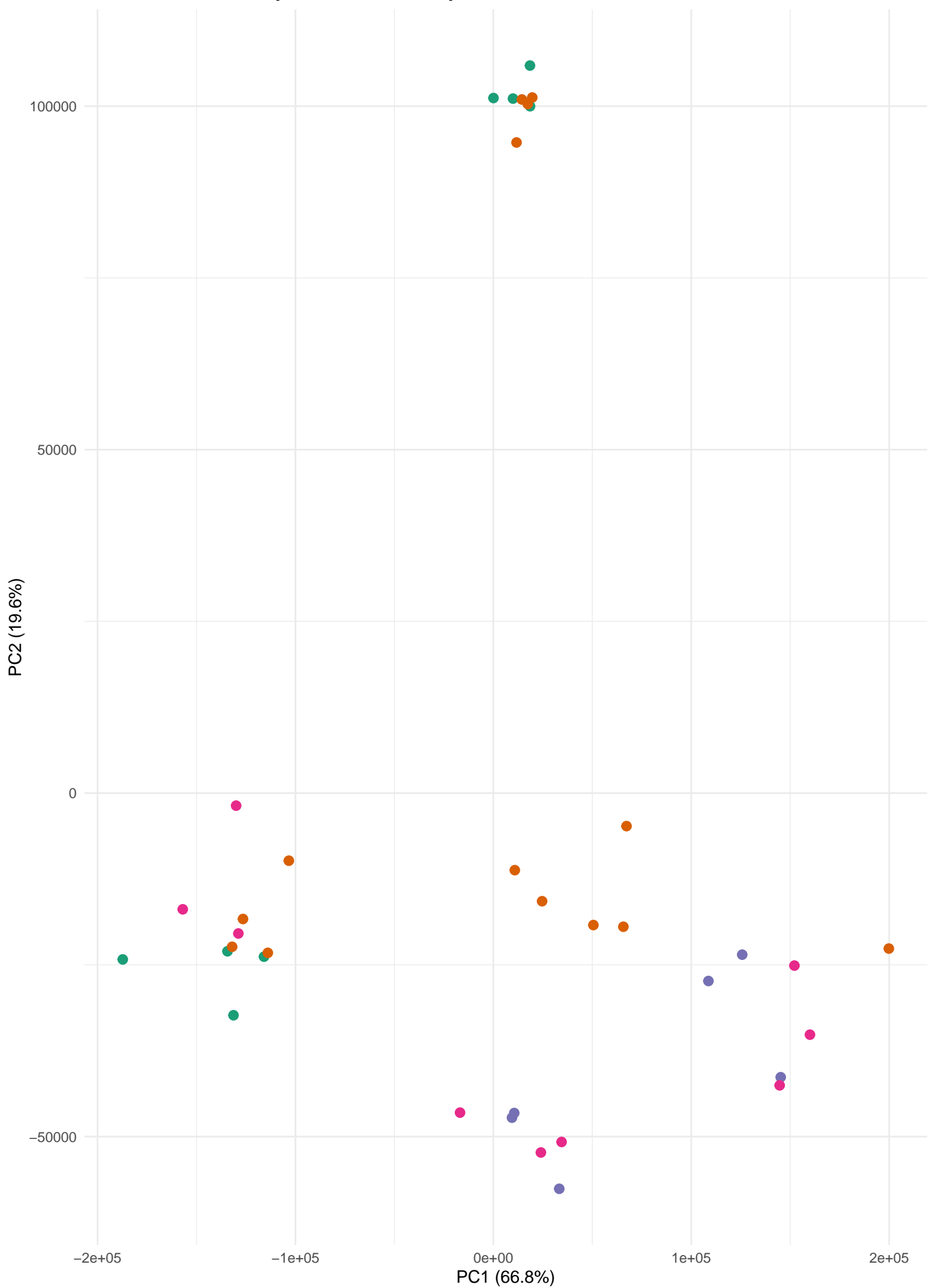
PCA por harmonized EpiRR status harmonized donor life stage uncorrected



harmonized EpiRR status harmonized donor life stage uncorrected

- Complete adult
- Complete unknown
- Partial child
- Complete child
- Partial adult

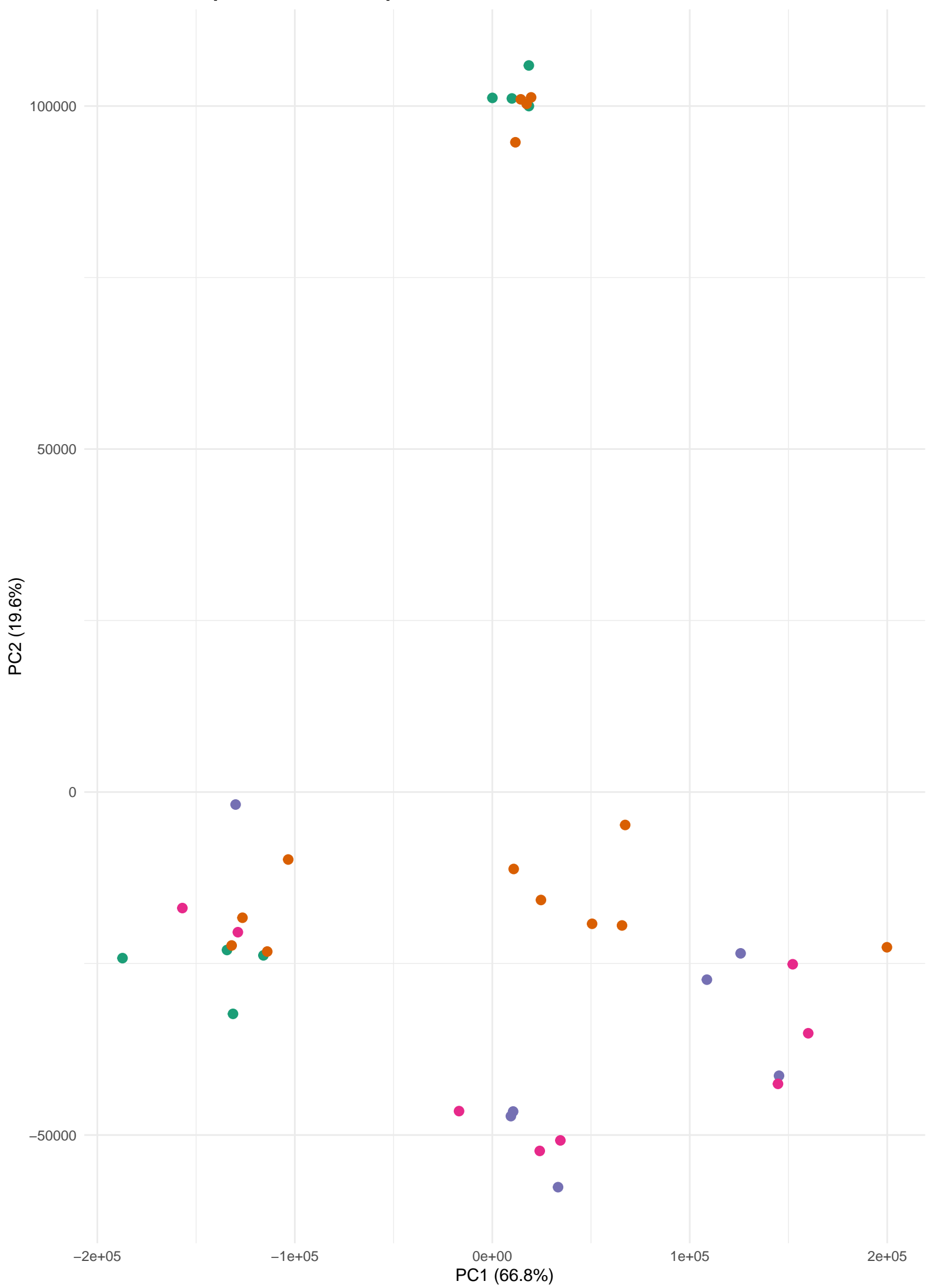
PCA por harmonized EpiRR status harmonized donor sex



harmonized EpiRR status harmonized donor sex

Complete female	Partial female
Complete male	Partial male

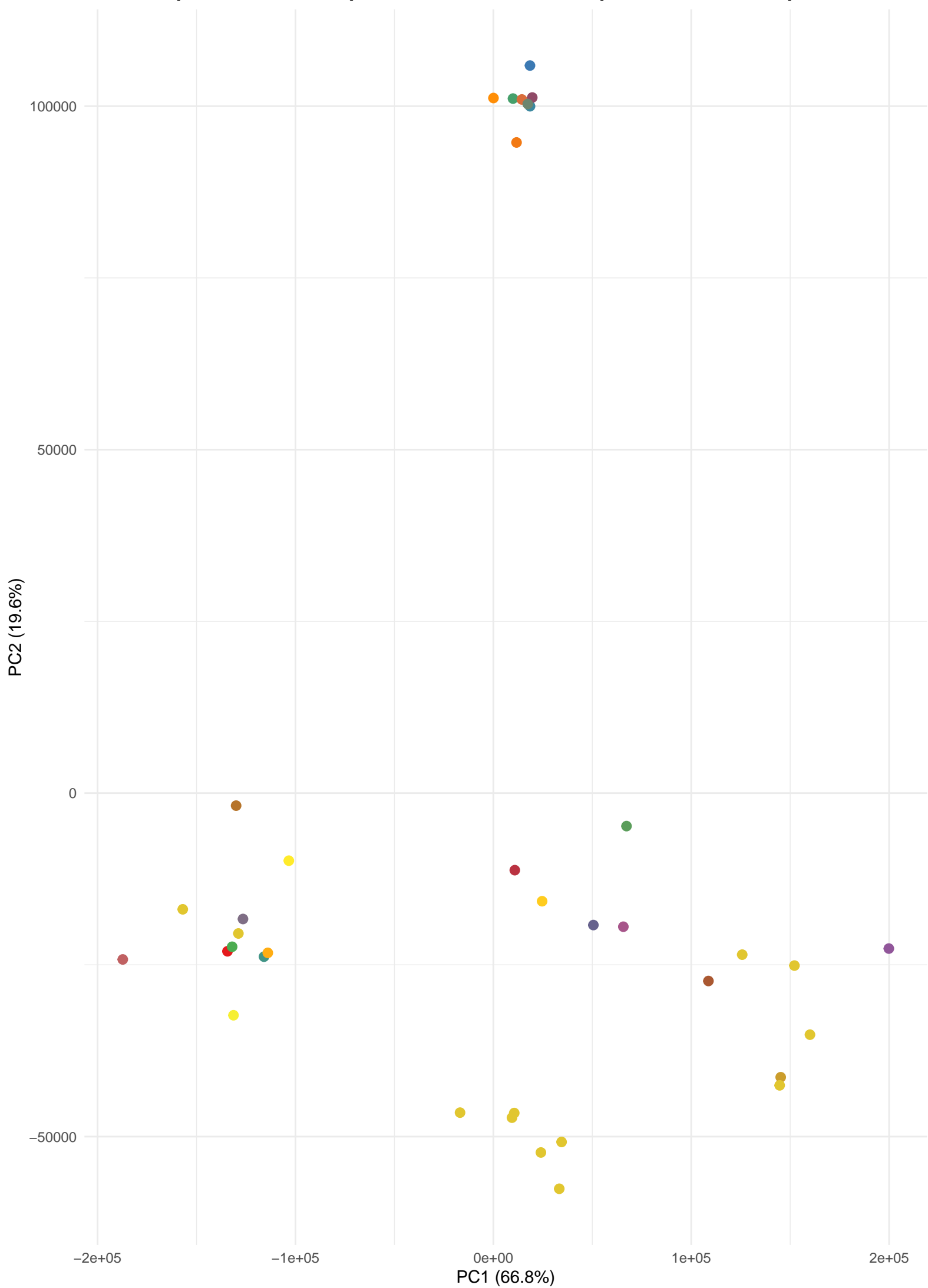
PCA por harmonized EpiRR status harmonized donor sex uncorrected



harmonized EpiRR status harmonized donor sex uncorrected

Complete female	Partial female
Complete male	Partial male

PCA por harmonized EpiRR status automated experiments ChIP.Seq H3K27ac



harmonized EpiRR status automated experiments ChIP.Seq H3K27ac

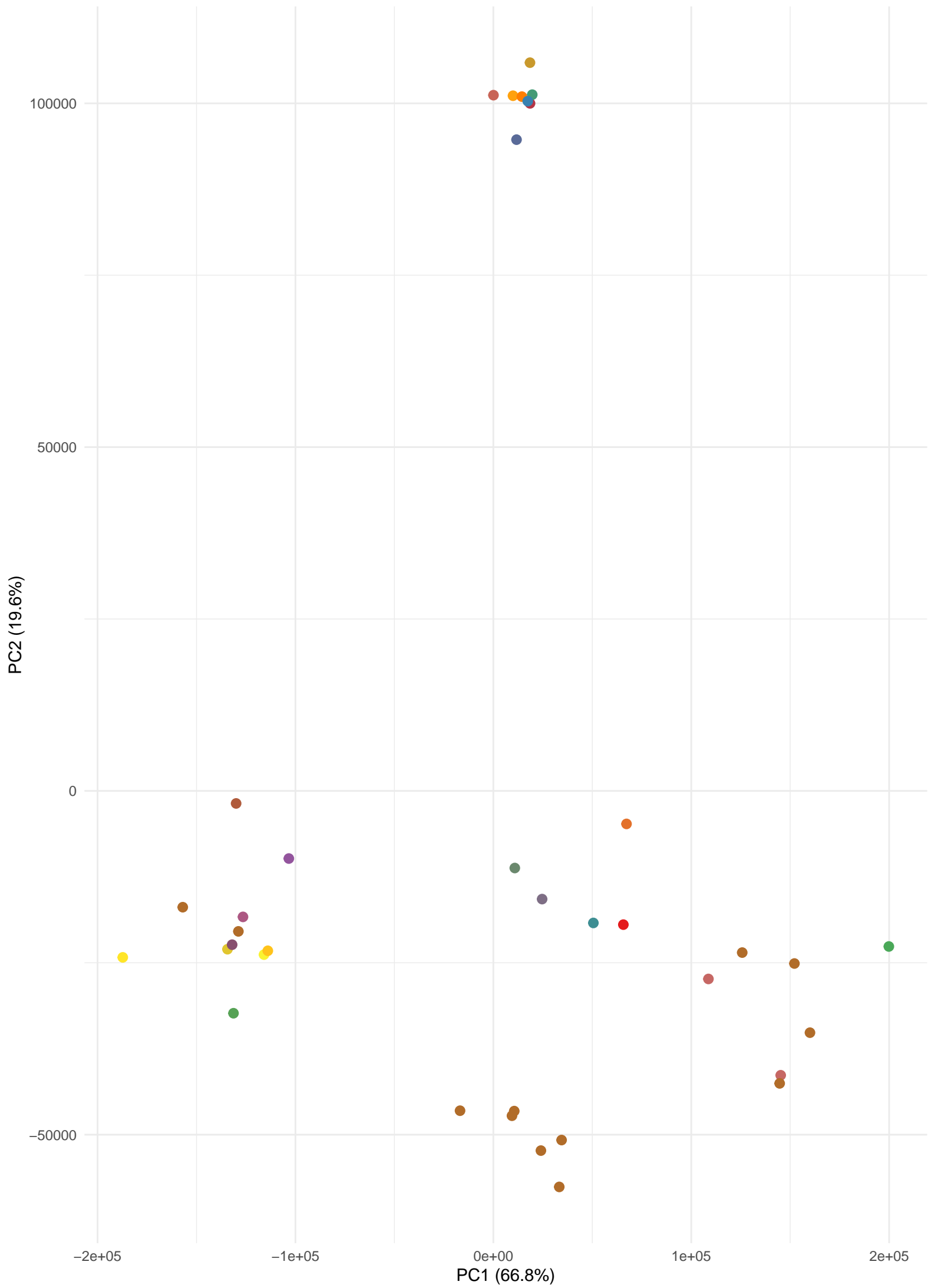
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PCA por harmonized EpiRR status automated experiments ChIP.Seq H3K27me3

harmonized EpiRR status automated experiments ChIP.Seq H3K27me3

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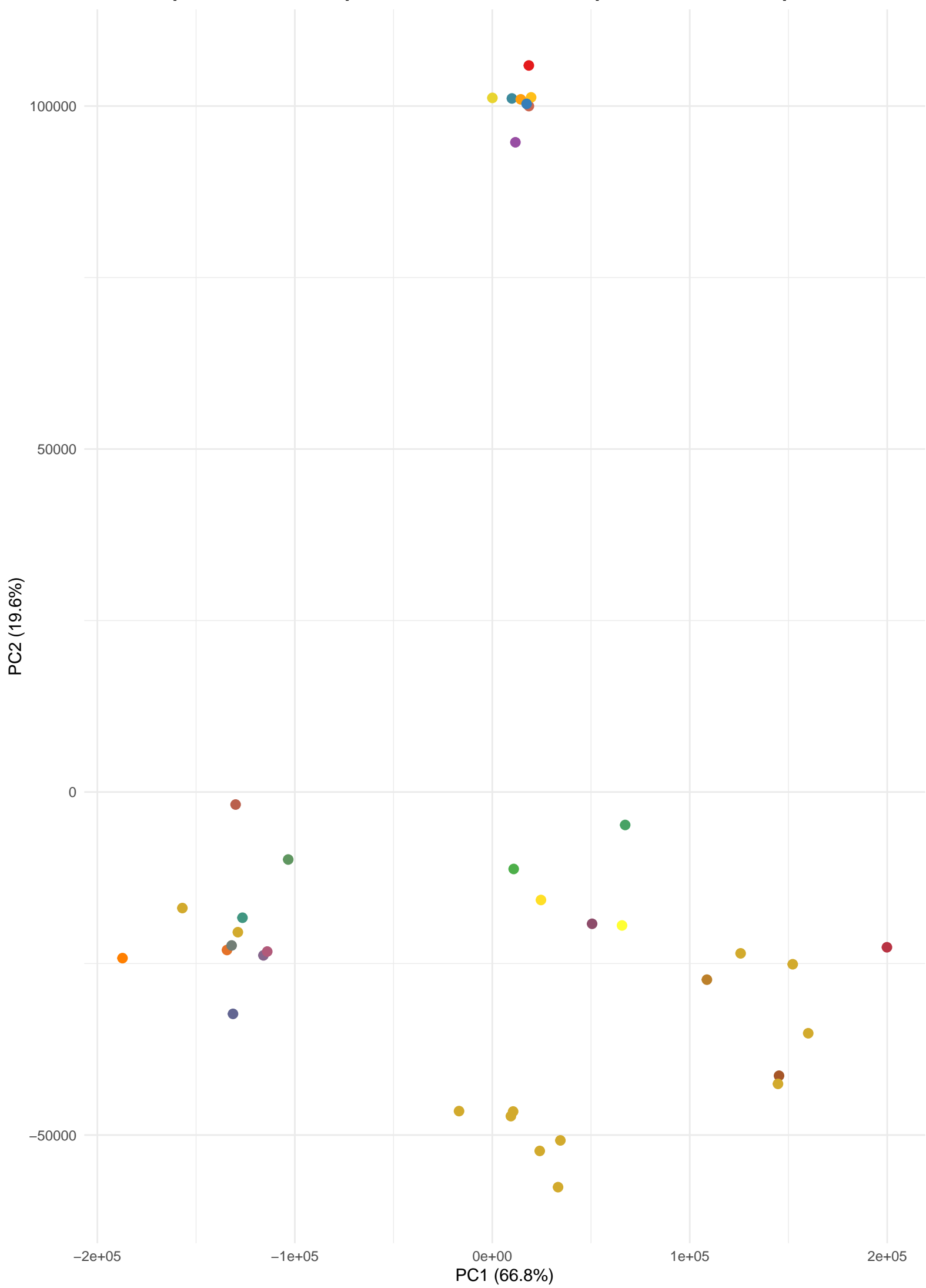
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harmonized EpiRR status automated experiments ChIP.Seq H3K36me3

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PCA por harmonized EpiRR status automated experiments ChIP.Seq H3K4me1



harmonized EpiRR status automated experiments ChIP.Seq H3K4me1

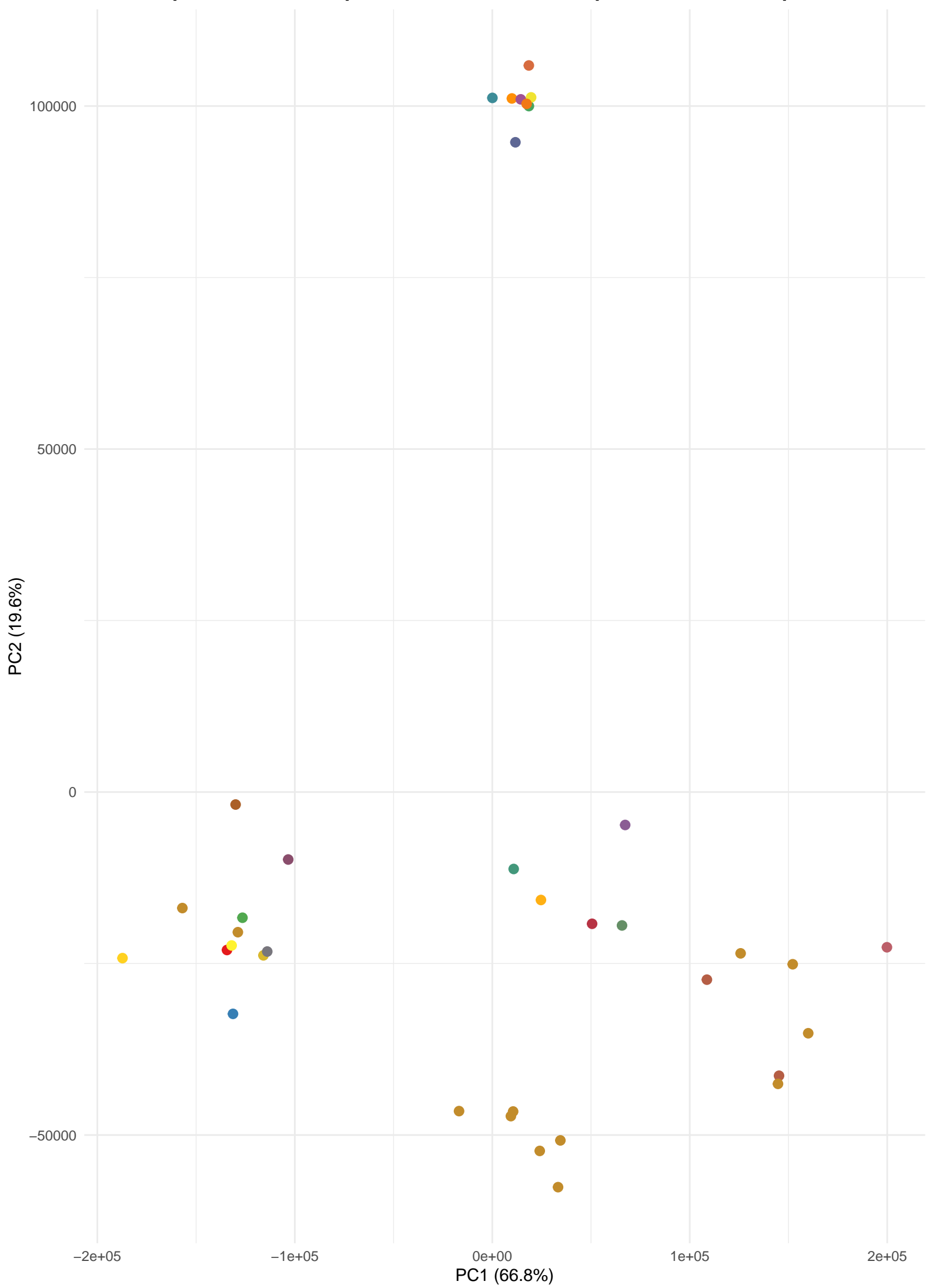
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PCA por harmonized EpiRR status automated experiments ChIP.Seq H3K4me3

harmonized EpiRR status automated experiments ChIP.Seq H3K4me3

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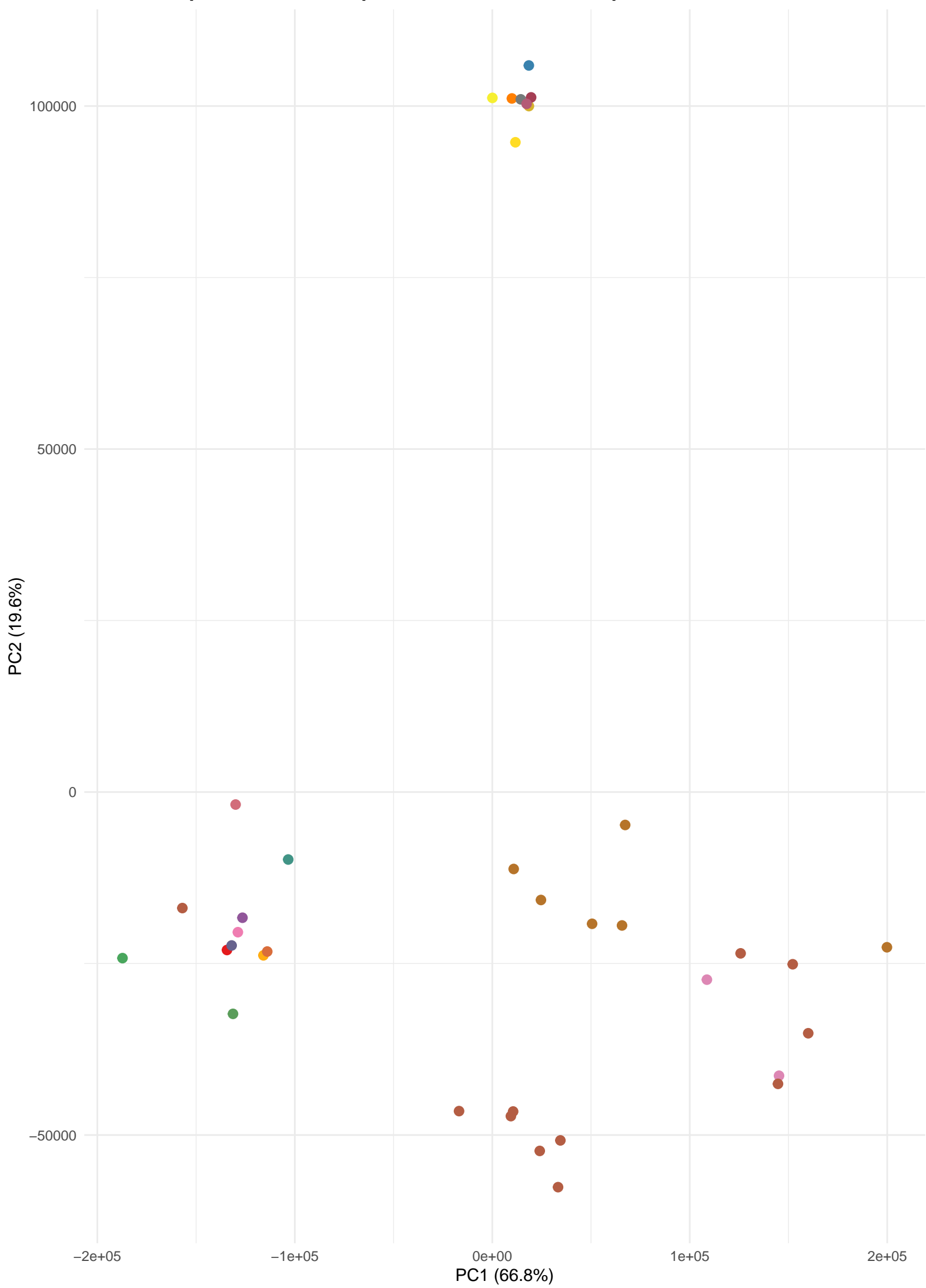
PCA por harmonized EpiRR status automated experiments ChIP.Seq H3K9me3



harmonized EpiRR status automated experiments ChIP.Seq H3K9me3

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PCA por harmonized EpiRR status automated experiments WGBS standard



harmonized EpiRR status automated experiments WGBS standard

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PCA por harmonized EpiRR status automated experiments WGBS PBAT

harmonized EpiRR status automated experiments WGBS PBAT

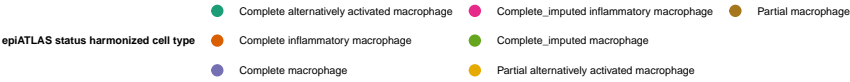
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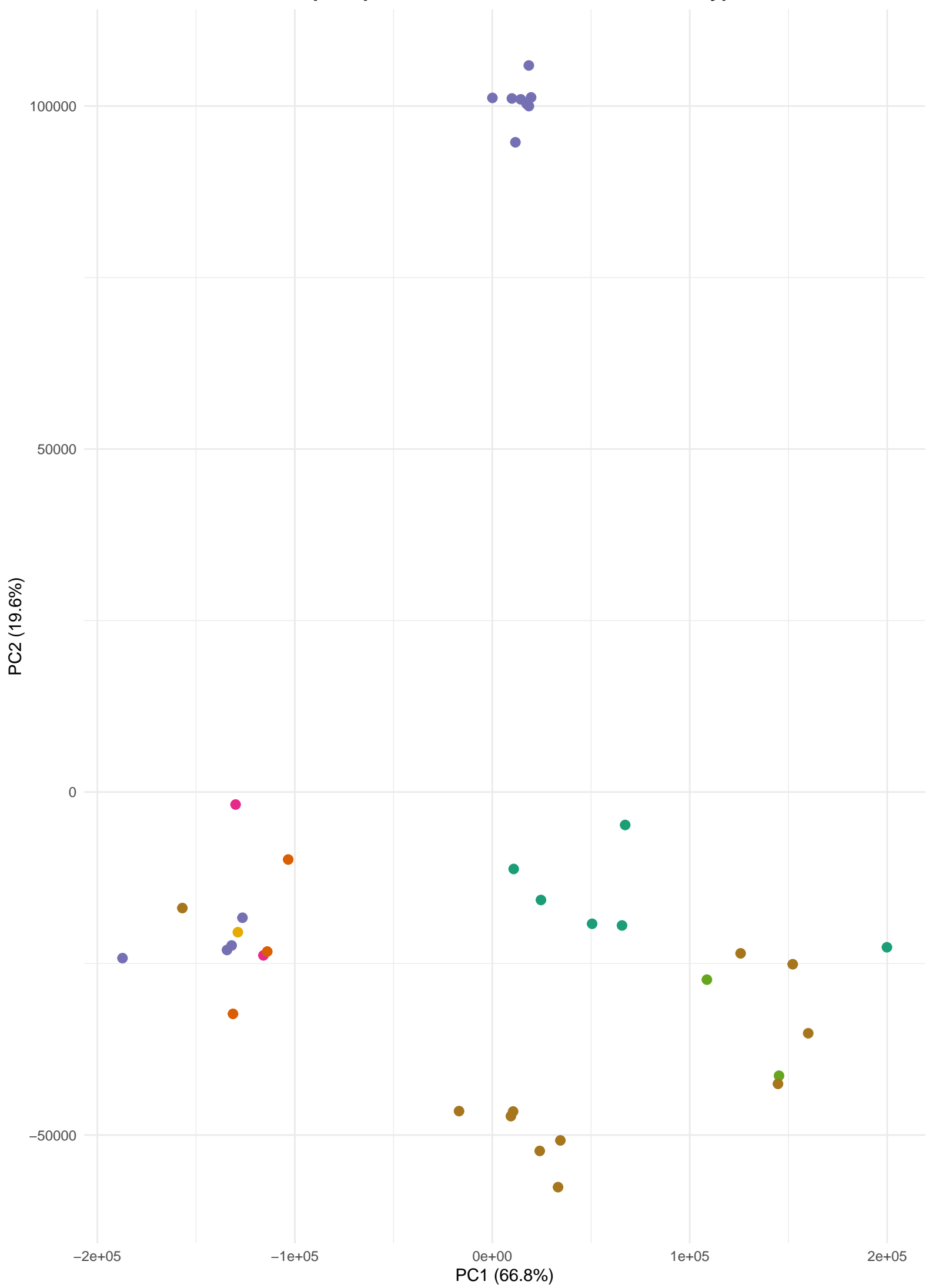
harmonized EpiRR status automated experiments RNA.Seq mRNA.Seq

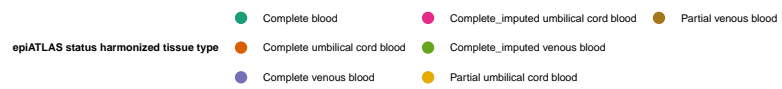
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PCA por epiATLAS status harmonized cell type










PCA por epiATLAS status harmonized tissue type



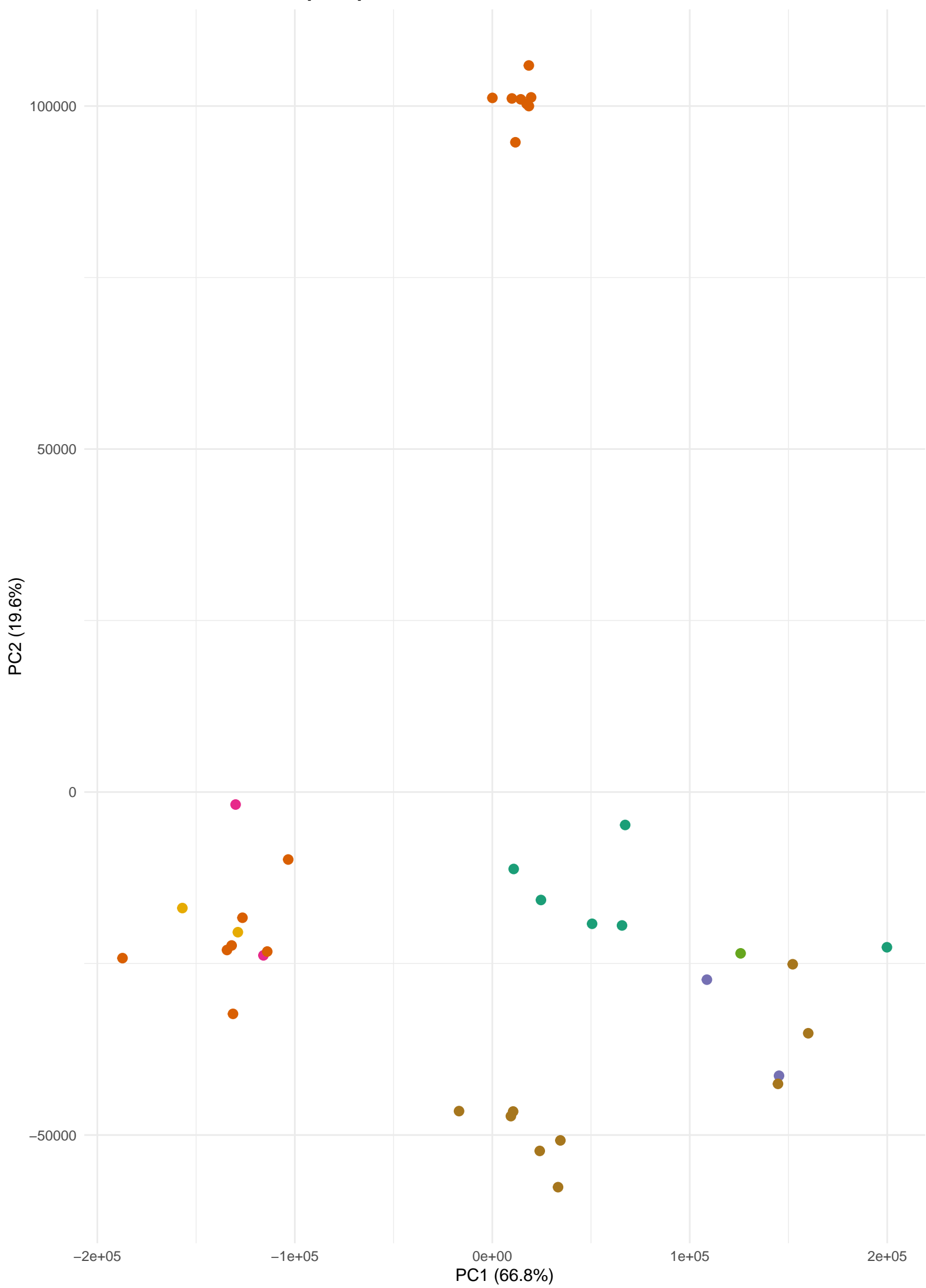


PCA por epiATLAS status harmonized sample ontology curie

epiATLAS status harmonized sample ontology curie

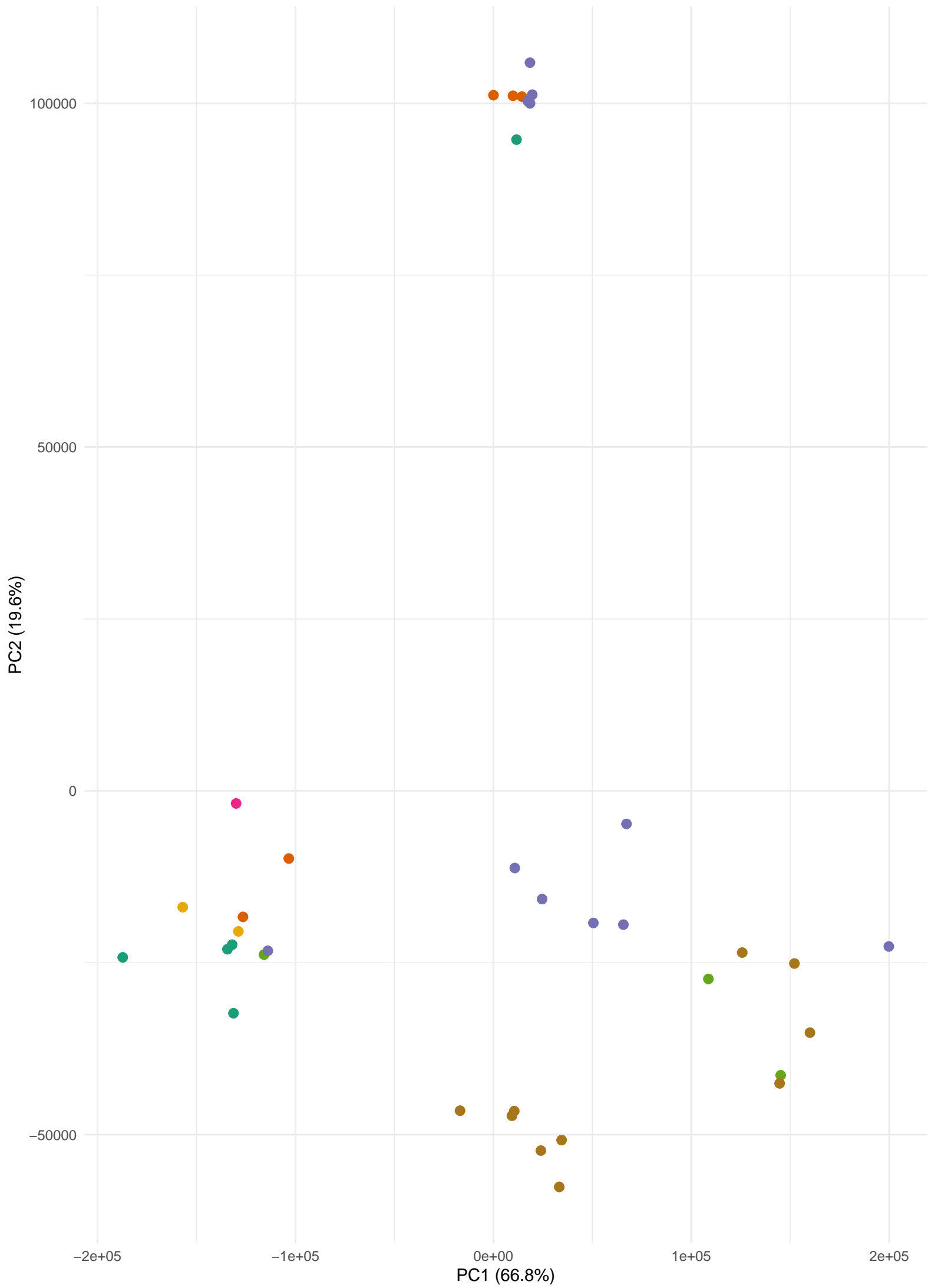
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PCA por epiATLAS status harmonized cell markers












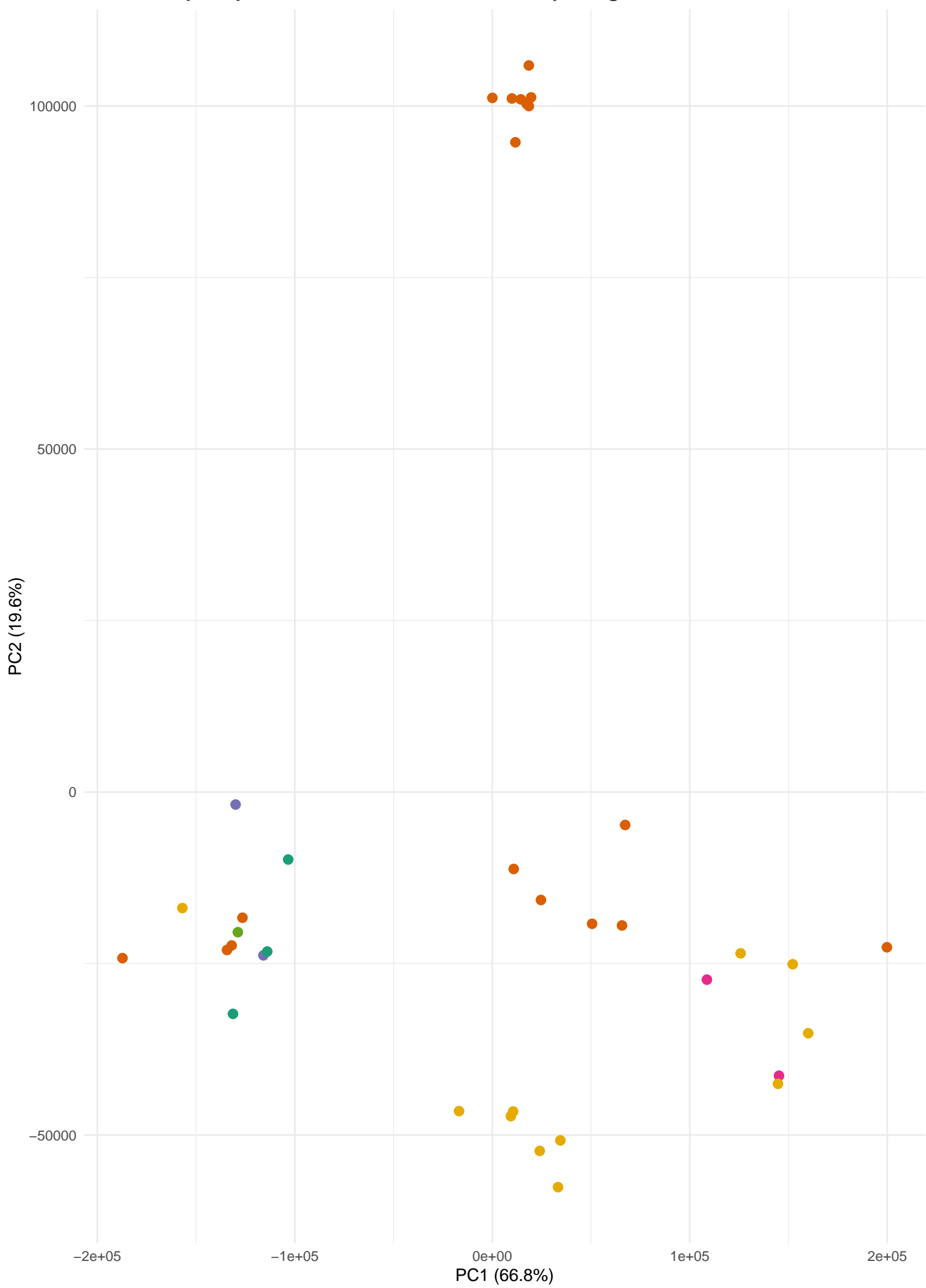
PCA por epiATLAS status automated harmonized sample ontology term



epiATLAS status automated harmonized sample ontology term

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 Complete inflammatory macrophage	 Complete_imputed macrophage	
 Complete macrophage	 Partial alternatively activated macrophage	

PCA por epiATLAS status harmonized sample organ order AnetaMikulasova



epiATLAS status harmonized sample organ order AnetaMikulasova

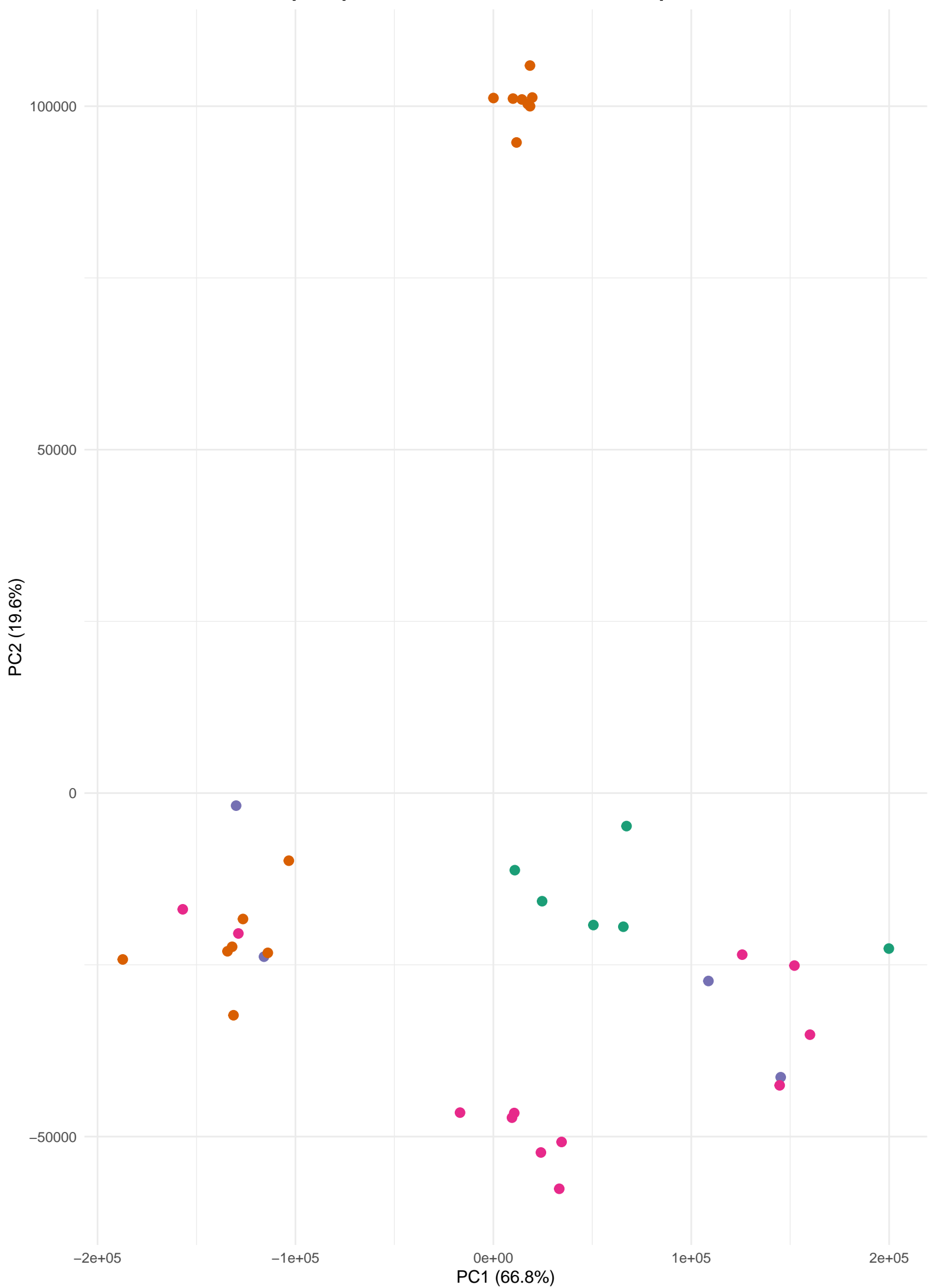
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PCA por epiATLAS status harmonized sample cell 2 order AnetaMikulasova

epiATLAS status harmonized sample cell 2 order AnetaMikulasova

	Complete alternatively-activated		Complete_imputed inflammatory		Partial x
	Complete inflammatory		Complete_imputed x		
	Complete x		Partial alternatively-activated		

PCA por epiATLAS status harmonized sample disease



epiATLAS status harmonized sample disease



Complete



Complete_imputed None



Complete None



Partial None

PCA por epiATLAS status harmonized sample disease ontology curie

epiATLAS status harmonized sample disease ontology curie

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PCA por epiATLAS status automated harmonized sample disease ontology curie ncit

epiATLAS status automated harmonized sample disease ontology curie ncit



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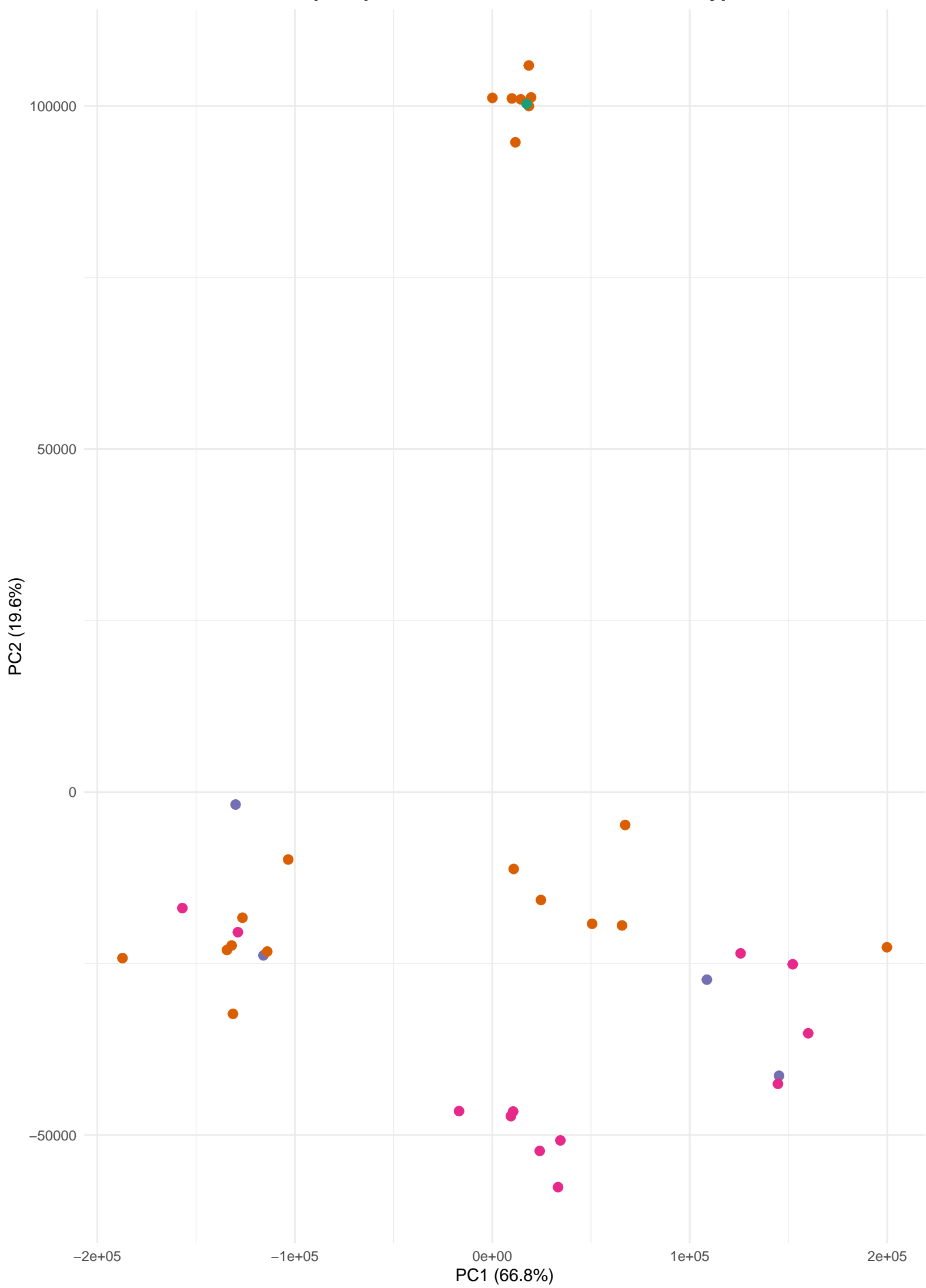


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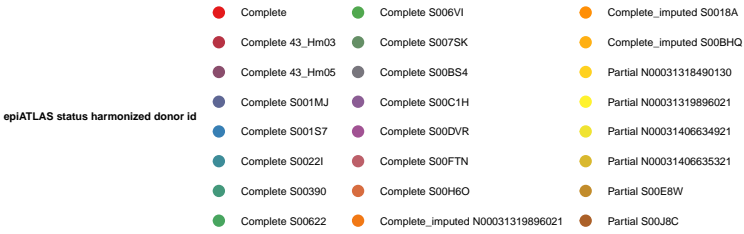
PCA por epiATLAS status harmonized donor type



epiATLAS status harmonized donor type

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PCA por epiATLAS status harmonized donor id



PCA por epiATLAS status harmonized donor age

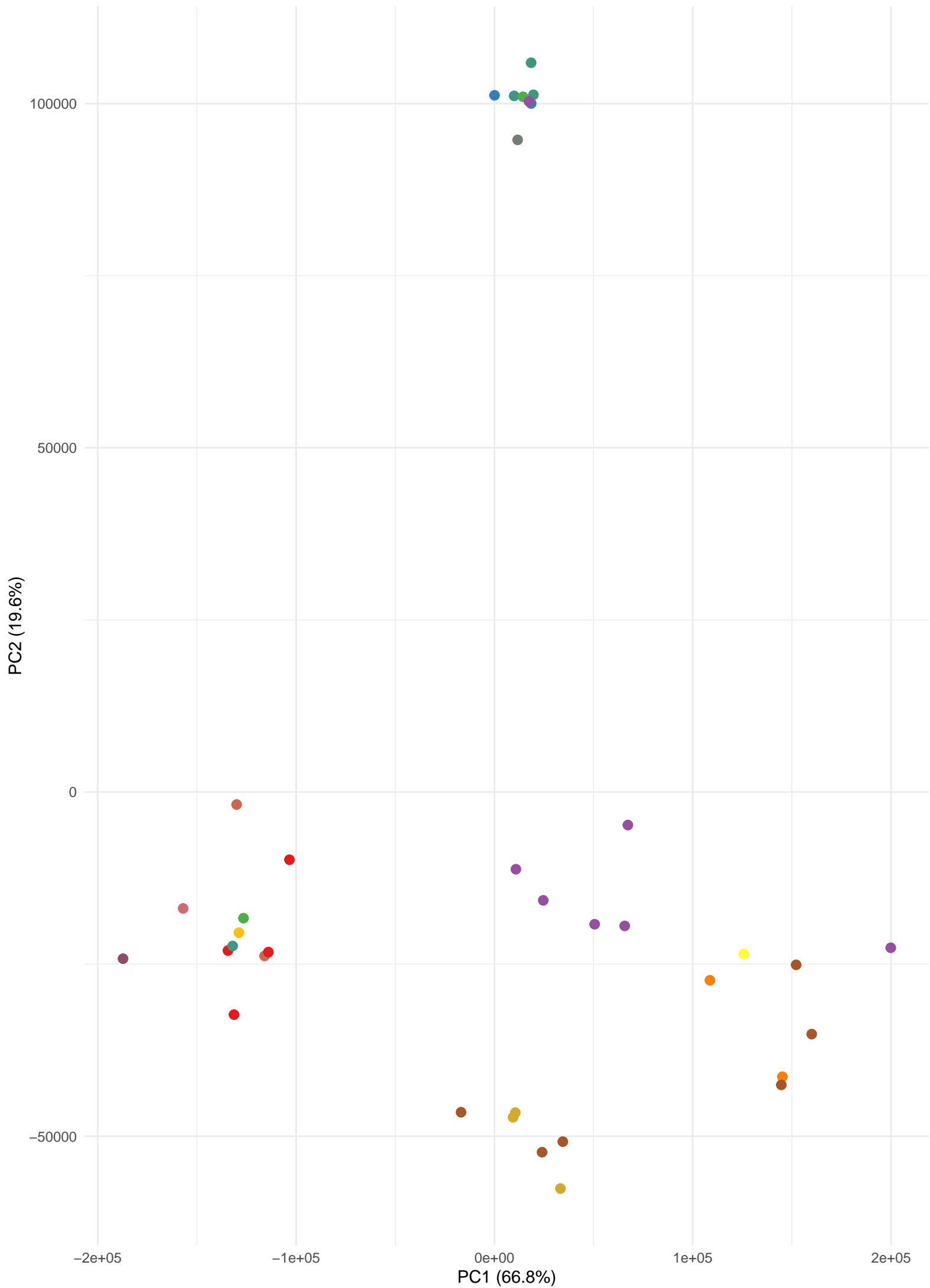


PCA por epiATLAS status harmonized donor age unit

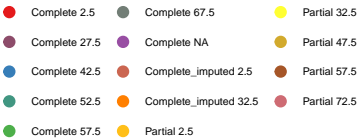
epiATLAS status harmonized donor age unit

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- Partial year

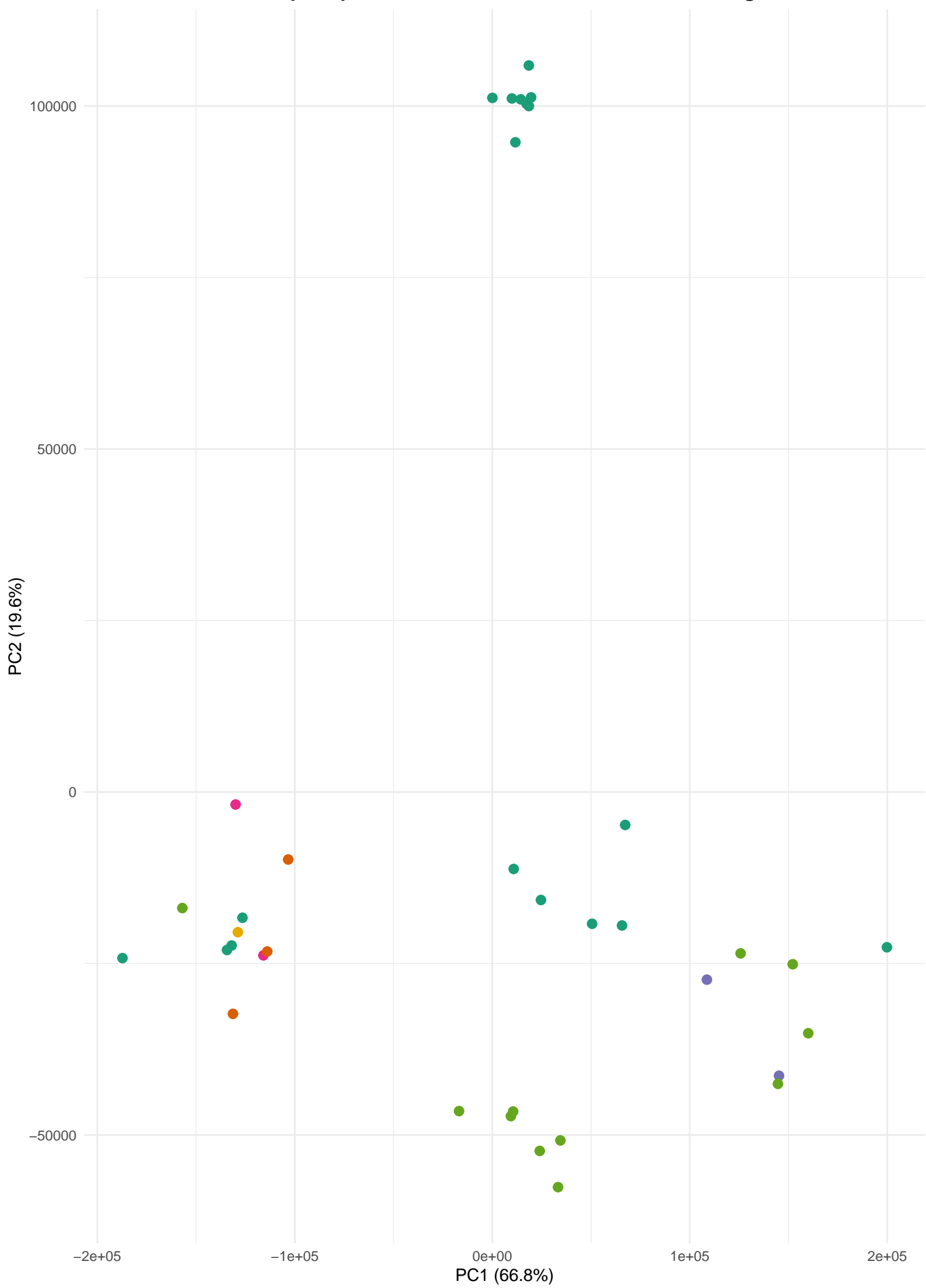
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epiATLAS status automated harmonized donor age in years



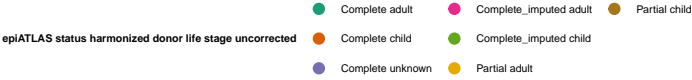
PCA por epiATLAS status harmonized donor life stage



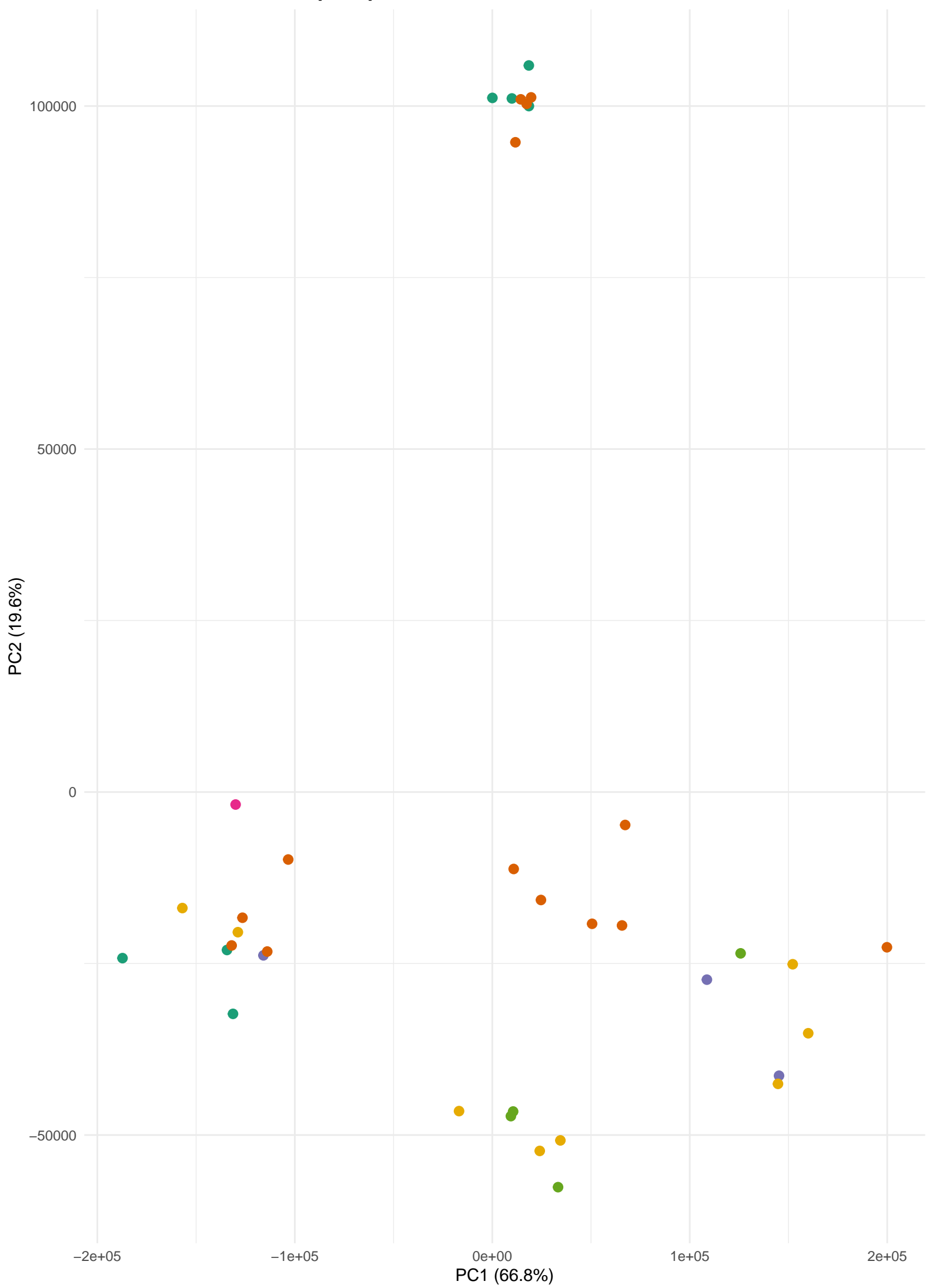
epiATLAS status harmonized donor life stage

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	Complete child		Complete_imputed child		Partial child





PCA por epiATLAS status harmonized donor life stage uncorrected



PCA por epiATLAS status harmonized donor sex








epiATLAS status harmonized donor sex

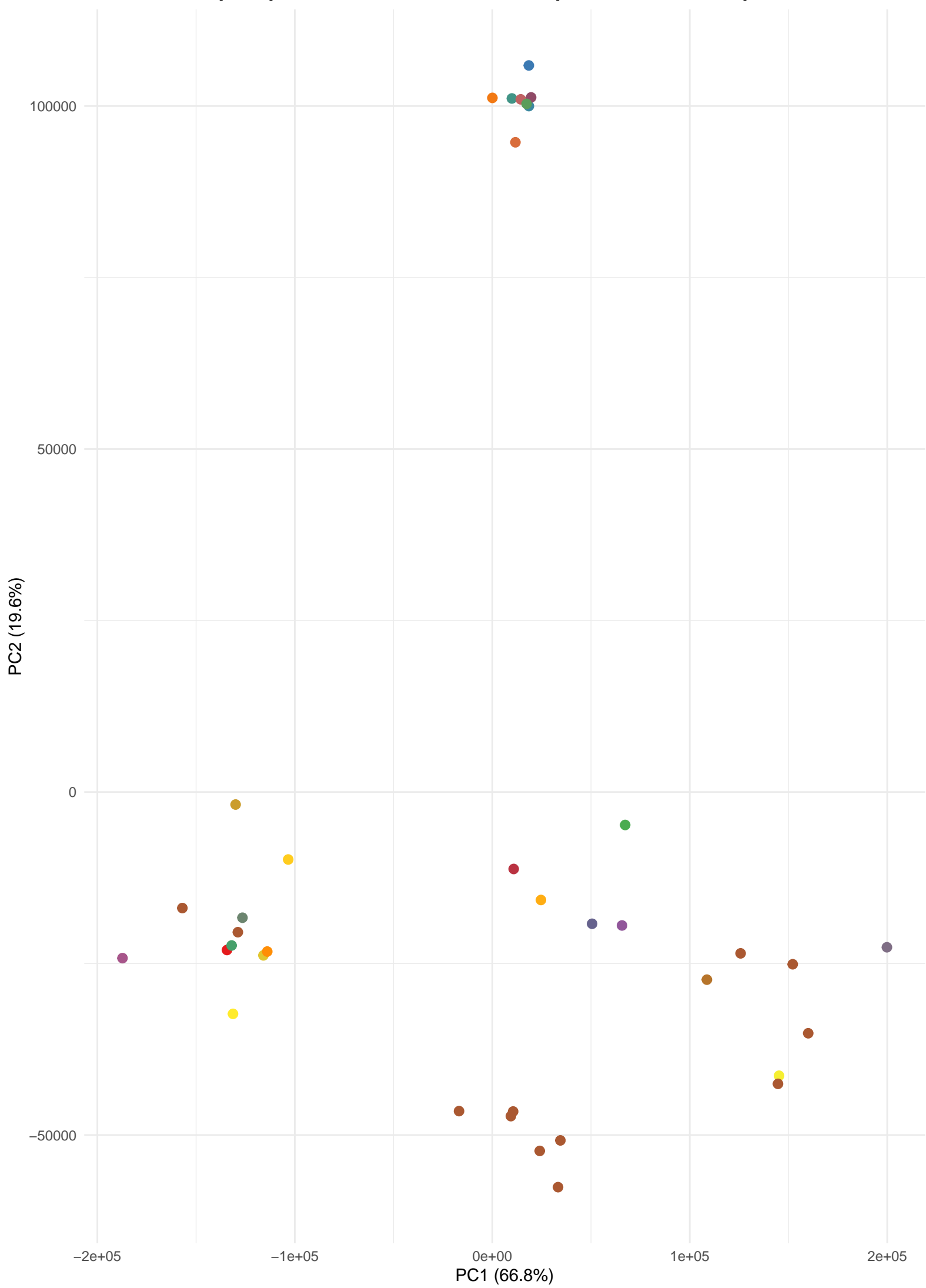
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PCA por epiATLAS status harmonized donor sex uncorrected

epiATLAS status harmonized donor sex uncorrected

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PCA por epiATLAS status automated experiments ChIP.Seq H3K27ac



epiATLAS status automated experiments ChIP.Seq H3K27ac

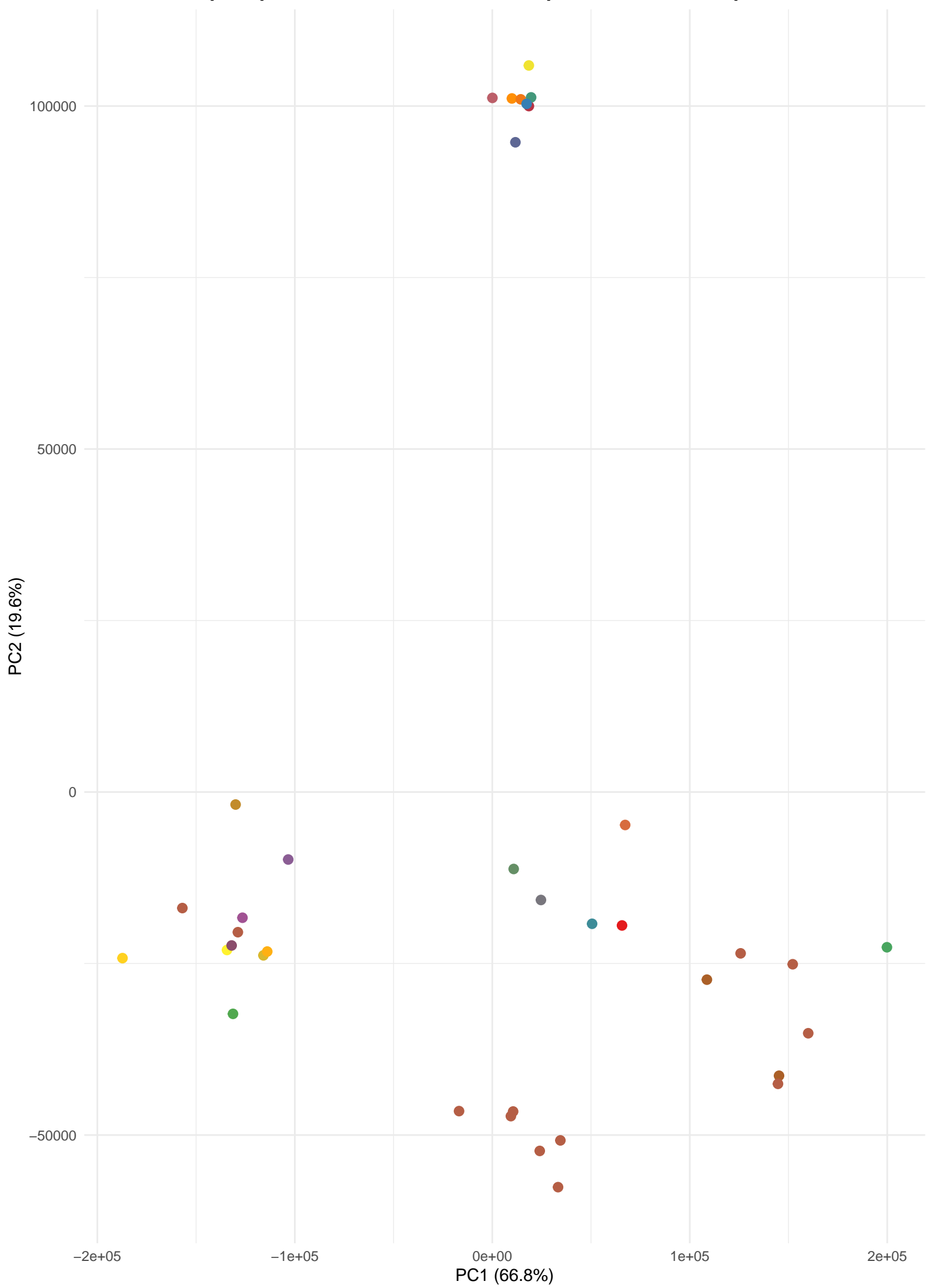
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PCA por epiATLAS status automated experiments ChIP.Seq H3K27me3

epiATLAS status automated experiments CHIP.Seq H3K27me3

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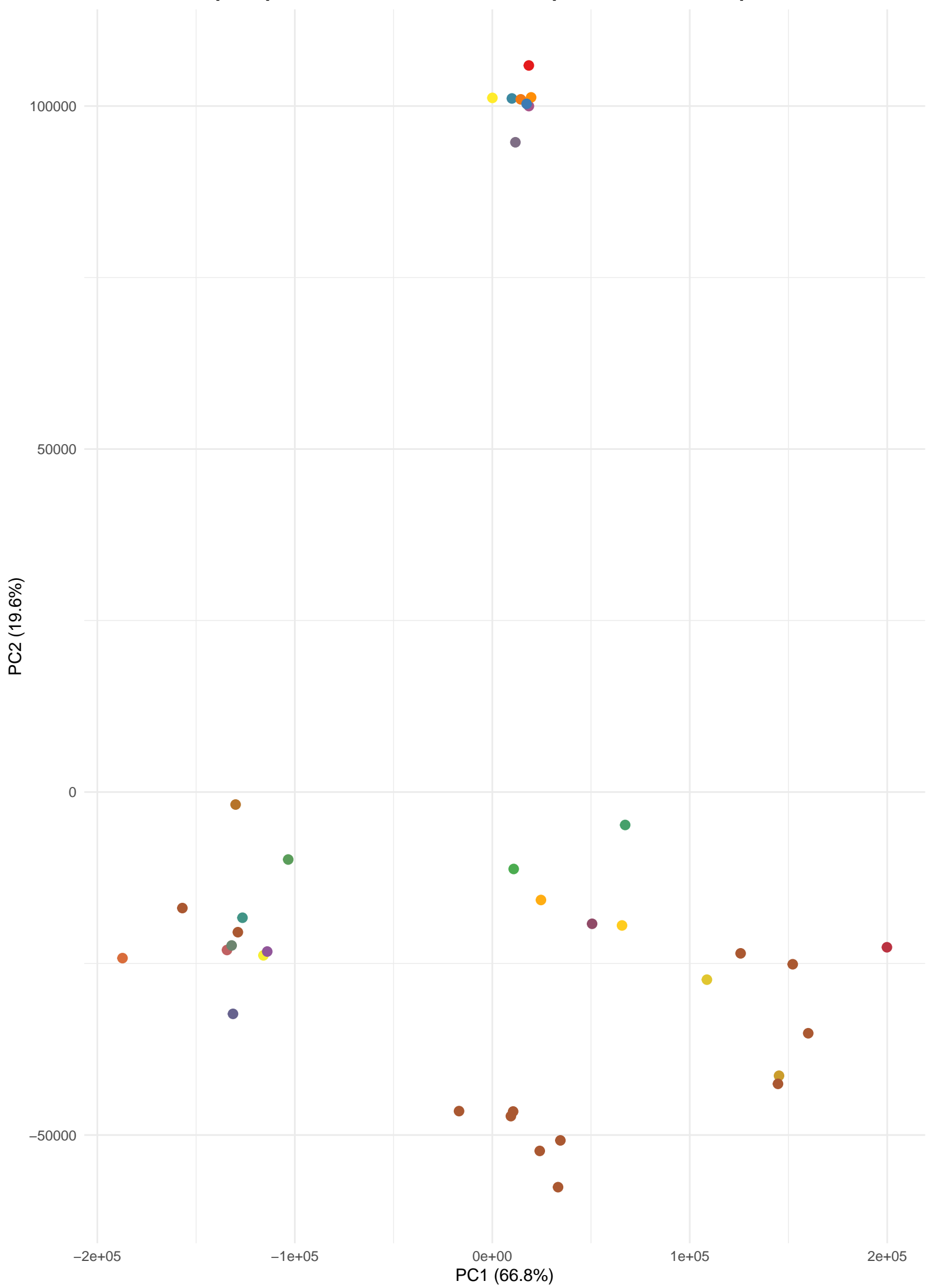
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epiATLAS status automated experiments ChIP.Seq H3K36me3

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PCA por epiATLAS status automated experiments ChIP.Seq H3K4me1



epiATLAS status automated experiments ChIP.Seq H3K4me1

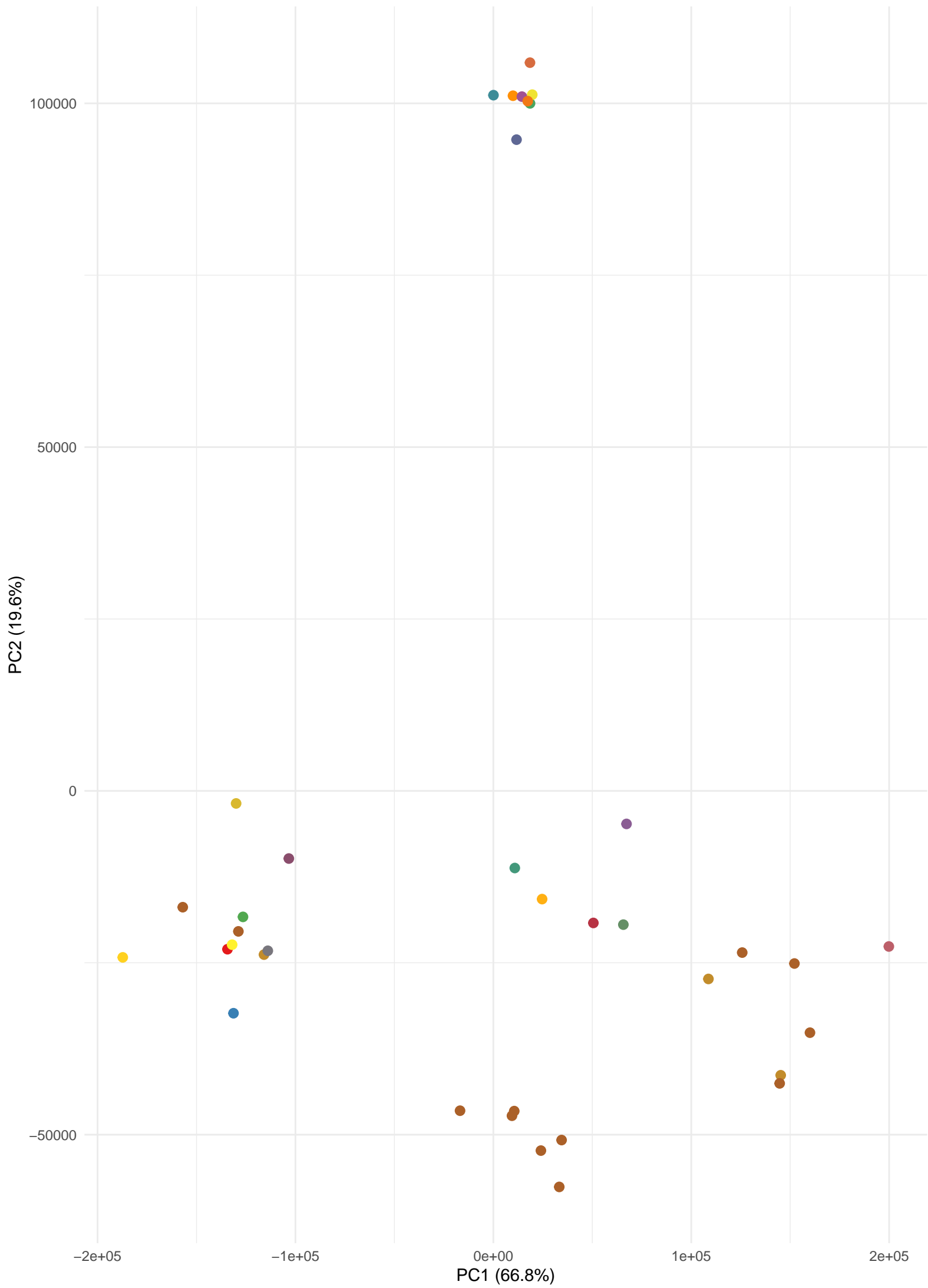
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PCA por epiATLAS status automated experiments ChIP.Seq H3K4me3

epiATLAS status automated experiments CHIP.Seq H3K4me3

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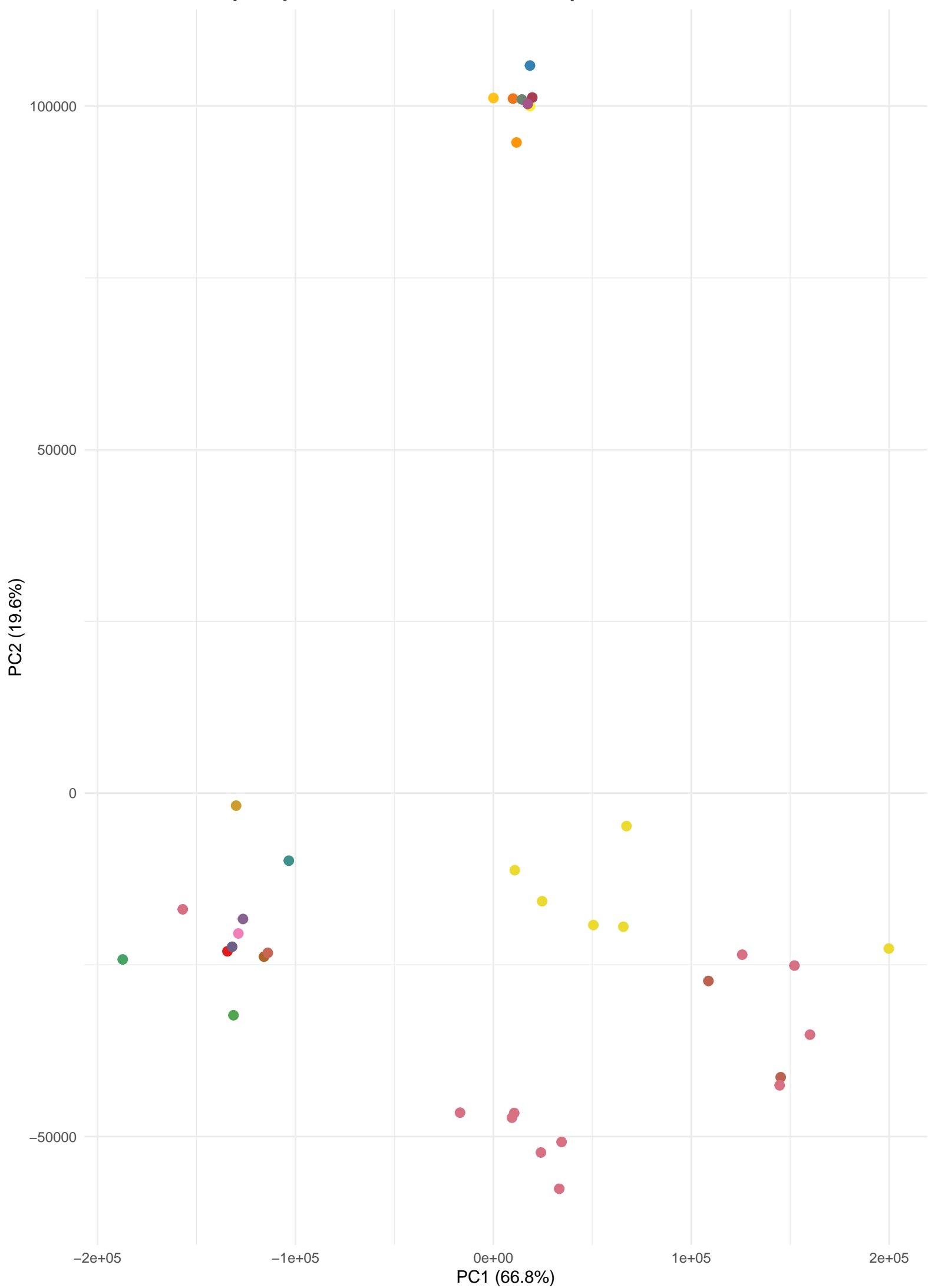
PCA por epiATLAS status automated experiments ChIP.Seq H3K9me3



epiATLAS status automated experiments ChIP.Seq H3K9me3

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PCA por epiATLAS status automated experiments WGBS standard












epiATLAS status automated experiments WGBS standard

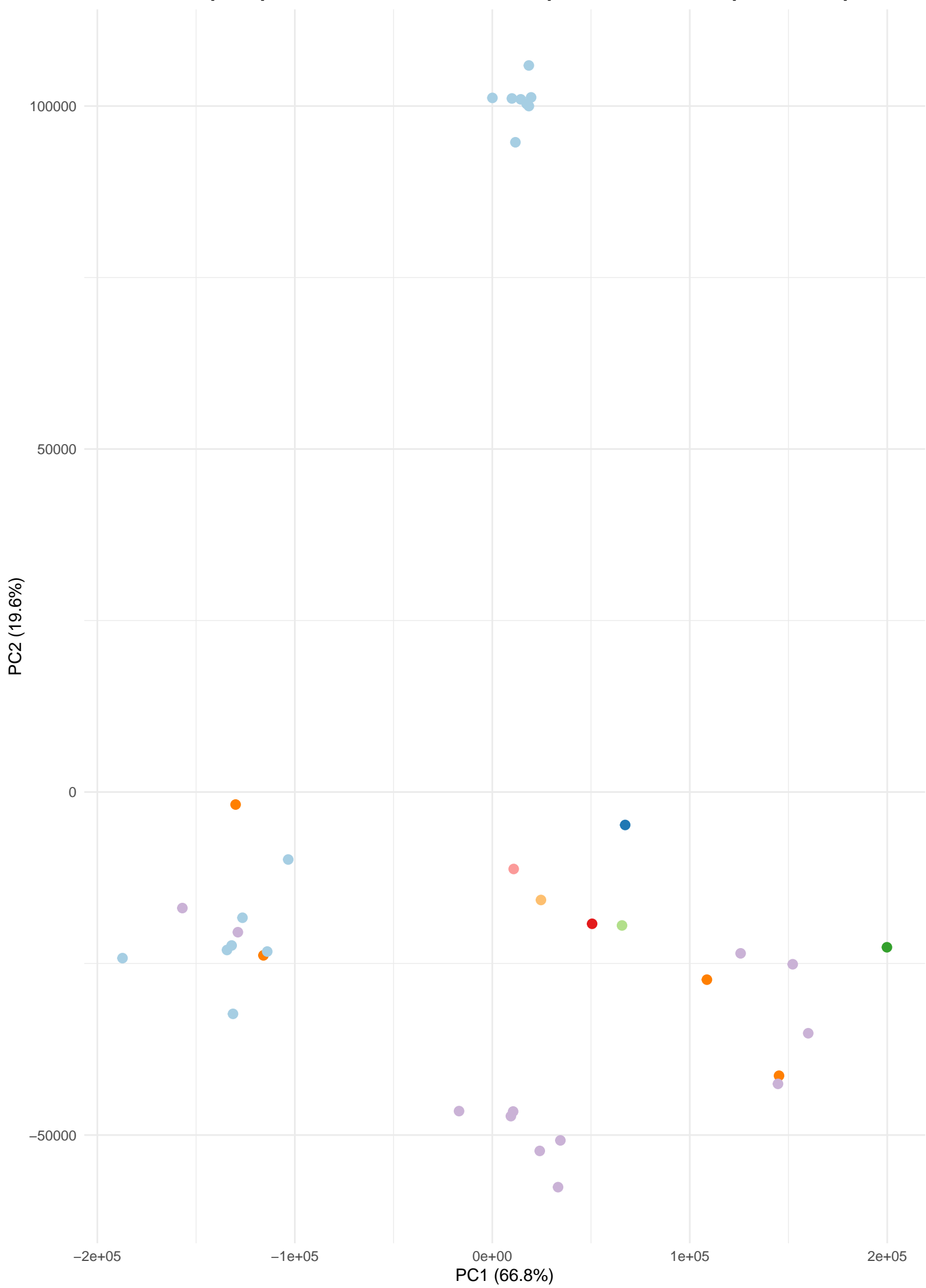
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PCA por epiATLAS status automated experiments WGBS PBAT

epiATLAS status automated experiments WGBS PBAT

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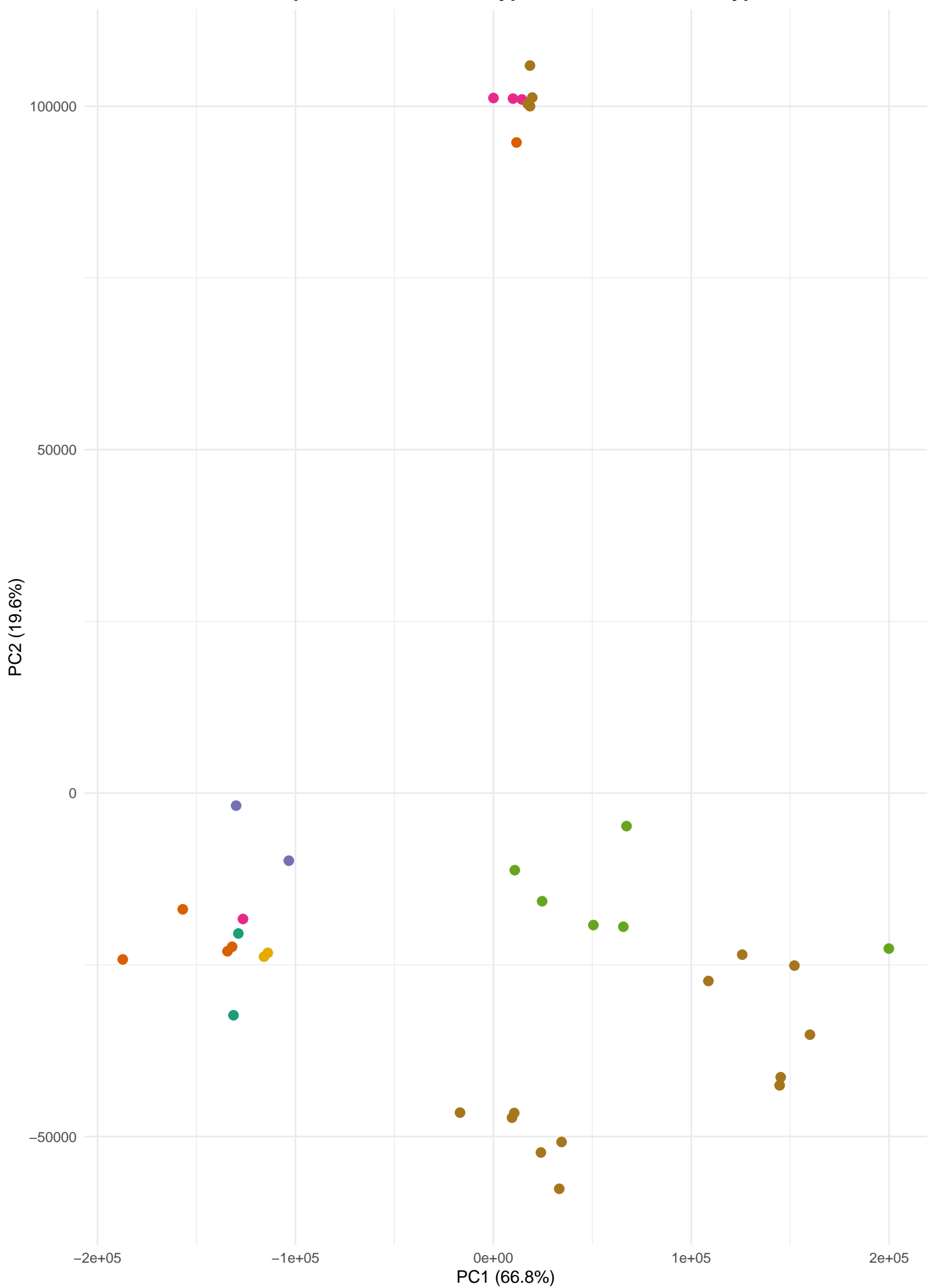
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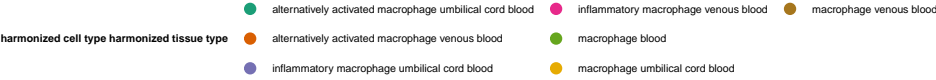


epiATLAS status automated experiments RNA.Seq mRNA.Seq


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PCA por harmonized cell type harmonized tissue type





PCA por harmonized cell type harmonized sample ontology curie

harmonized cell type harmonized sample ontology curie  alternatively activated macrophage CL:0000890  inflammatory macrophage CL:0000863  macrophage CL:0000235

PCA por harmonized cell type harmonized cell markers

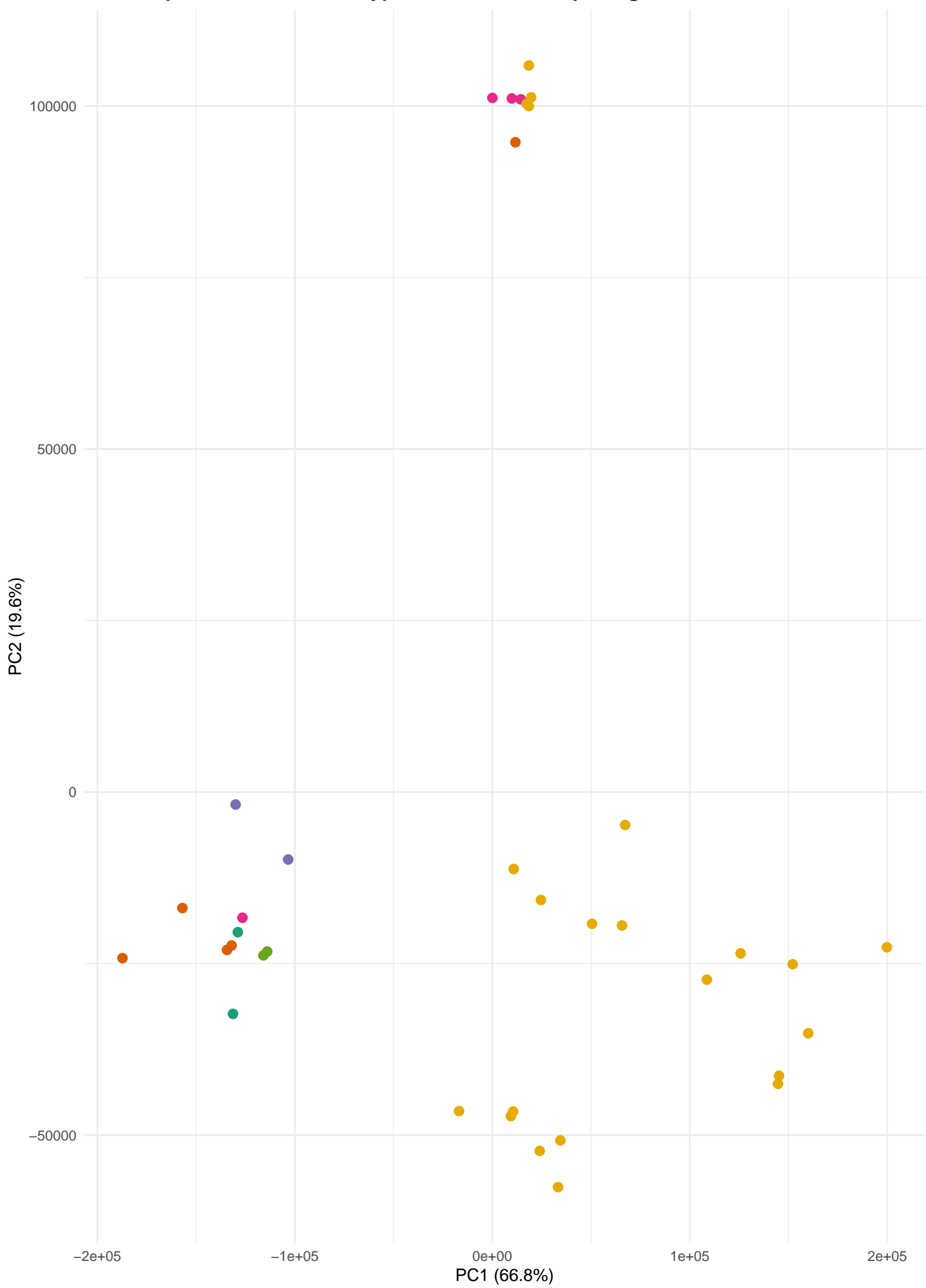
harmonized cell type harmonized cell markers

- alternatively activated macrophage CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+
- macrophage
- macrophage CD3- CD19- CD56-
- inflammatory macrophage CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+
- macrophage CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+







PCA por harmonized cell type automated harmonized sample ontology term

harmonized cell type automated harmonized sample ontology term  alternatively activated macrophage alternatively activated macrophage  inflammatory macrophage inflammatory macrophage  macrophage macrophage




PCA por harmonized cell type harmonized sample organ order AnetaMikulasova



harmonized cell type harmonized sample organ order AnetaMikulasova

	alternatively activated macrophage blood-umbilical-cord		inflammatory macrophage blood-umbilical-cord		macrophage blood-umbilical-cord
	alternatively activated macrophage blood-venous		inflammatory macrophage blood-venous		macrophage blood-venous

PCA por harmonized cell type harmonized sample cell 2 order AnetaMikulasova

harmonized cell type harmonized sample cell 2 order AnetaMikulasova  alternatively activated macrophage alternatively-activated  inflammatory macrophage inflammatory  macrophage x

PCA por harmonized cell type harmonized sample disease

harmonized cell type harmonized sample disease



alternatively activated macrophage None



macrophage

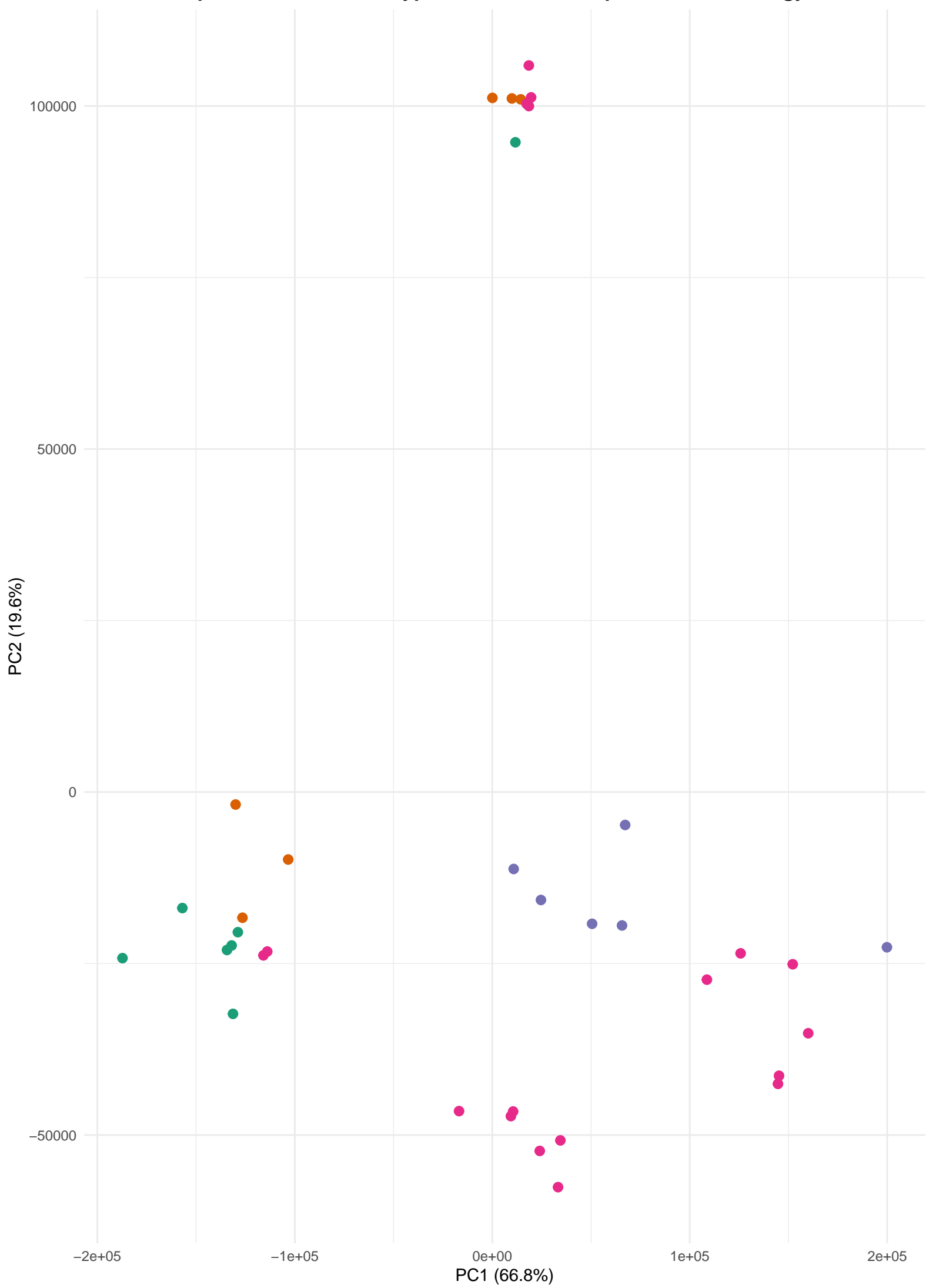


inflammatory macrophage None







macrophage None

PCA por harmonized cell type harmonized sample disease ontology curie



harmonized cell type harmonized sample disease ontology curie

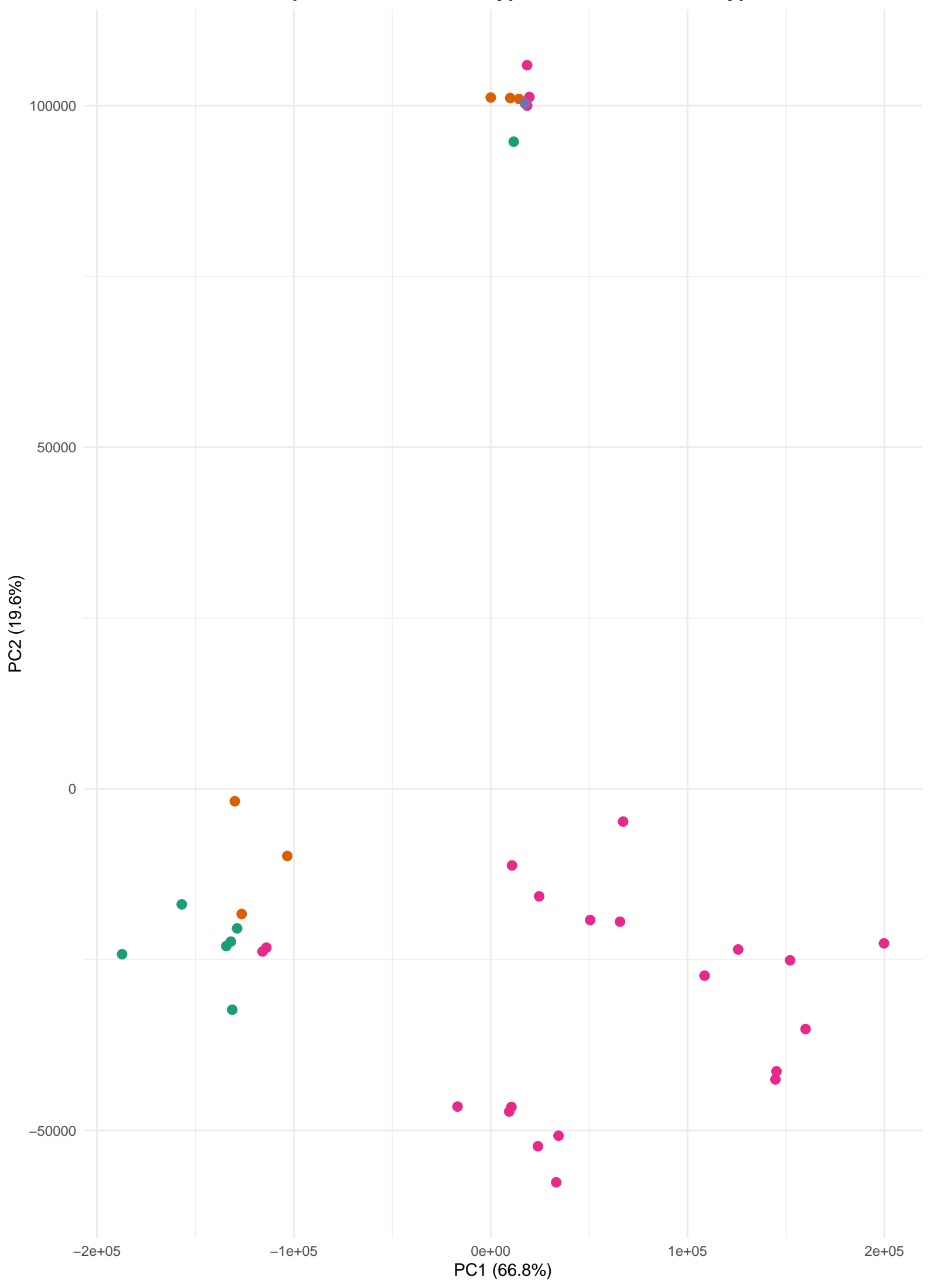
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	inflammatory macrophage NCIM:C0549184		macrophage NCIM:C0549184

PCA por harmonized cell type automated harmonized sample disease ontology curie nci





harmonized cell type automated harmonized sample disease ontology curie nci

- alternatively activated macrophage NCIT:C41132
- macrophage
- inflammatory macrophage NCIT:C41132
- macrophage NCIT:C41132

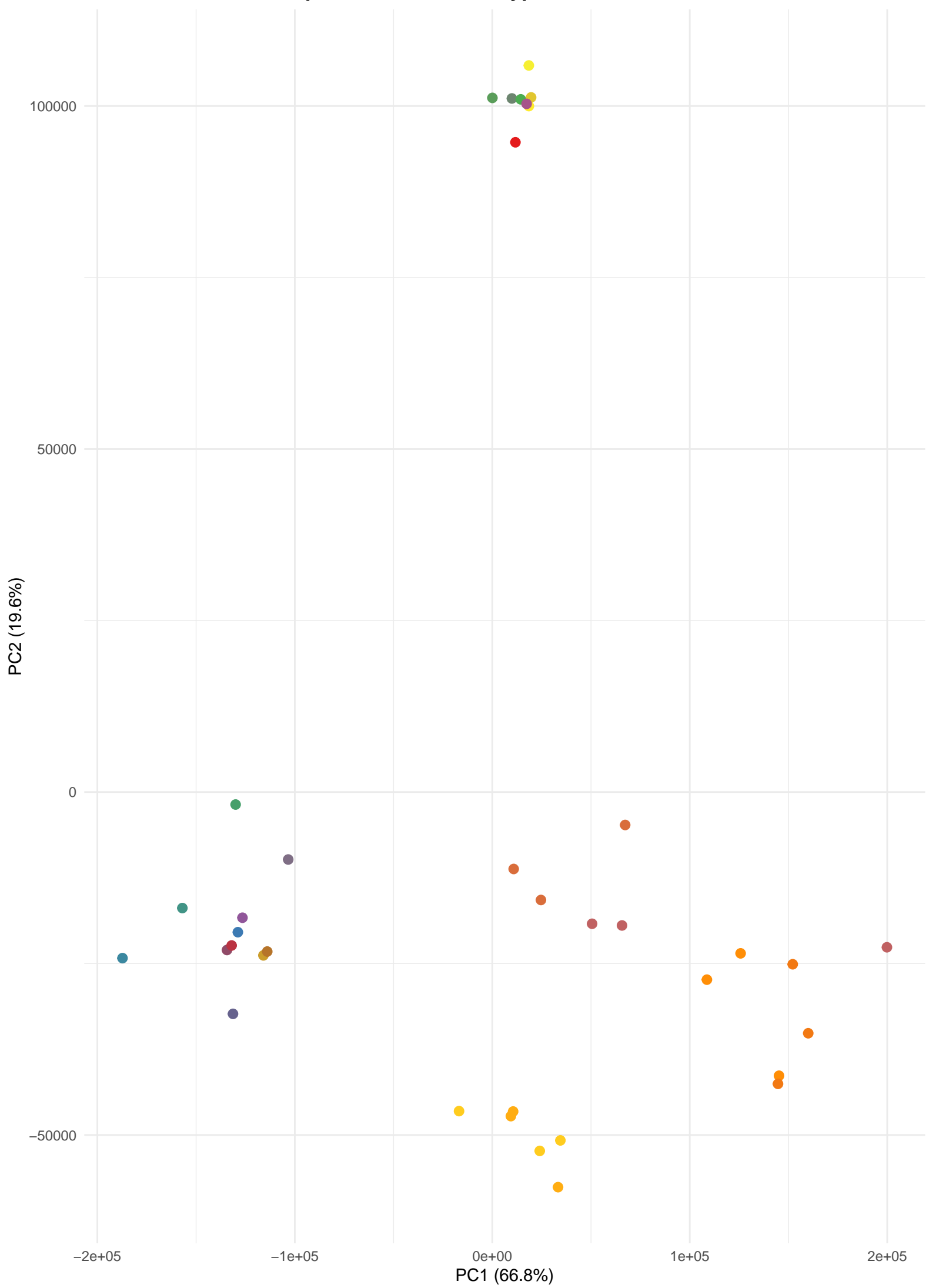
PCA por harmonized cell type harmonized donor type



harmonized cell type harmonized donor type

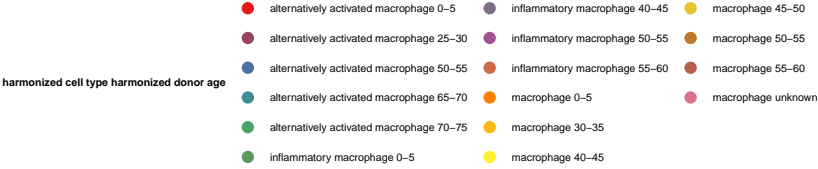
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	inflammatory macrophage Single donor		macrophage Single donor

PCA por harmonized cell type harmonized donor id



harmonized cell type	harmonized donor id			
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		<div></div> alternatively activated macrophage S006VI	<div></div> inflammatory macrophage S0022I	<div></div> macrophage N00031406635321
		<div></div> alternatively activated macrophage S00BS4	<div></div> inflammatory macrophage S007SK	<div></div> macrophage S001S7
		<div></div> alternatively activated macrophage S00C1H	<div></div> inflammatory macrophage S00H6O	<div></div> macrophage S0022I
		<div></div> alternatively activated macrophage S00E8W	<div></div> macrophage	<div></div> macrophage S00390
		<div></div> alternatively activated macrophage S00FTN	<div></div> macrophage 43_Hm03	<div></div> macrophage S00BHQ
		<div></div> alternatively activated macrophage S00J8C	<div></div> macrophage 43_Hm05	<div></div> macrophage S00DVR
		<div></div> inflammatory macrophage S0018A	<div></div> macrophage N00031318490130	
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PCA por harmonized cell type harmonized donor age

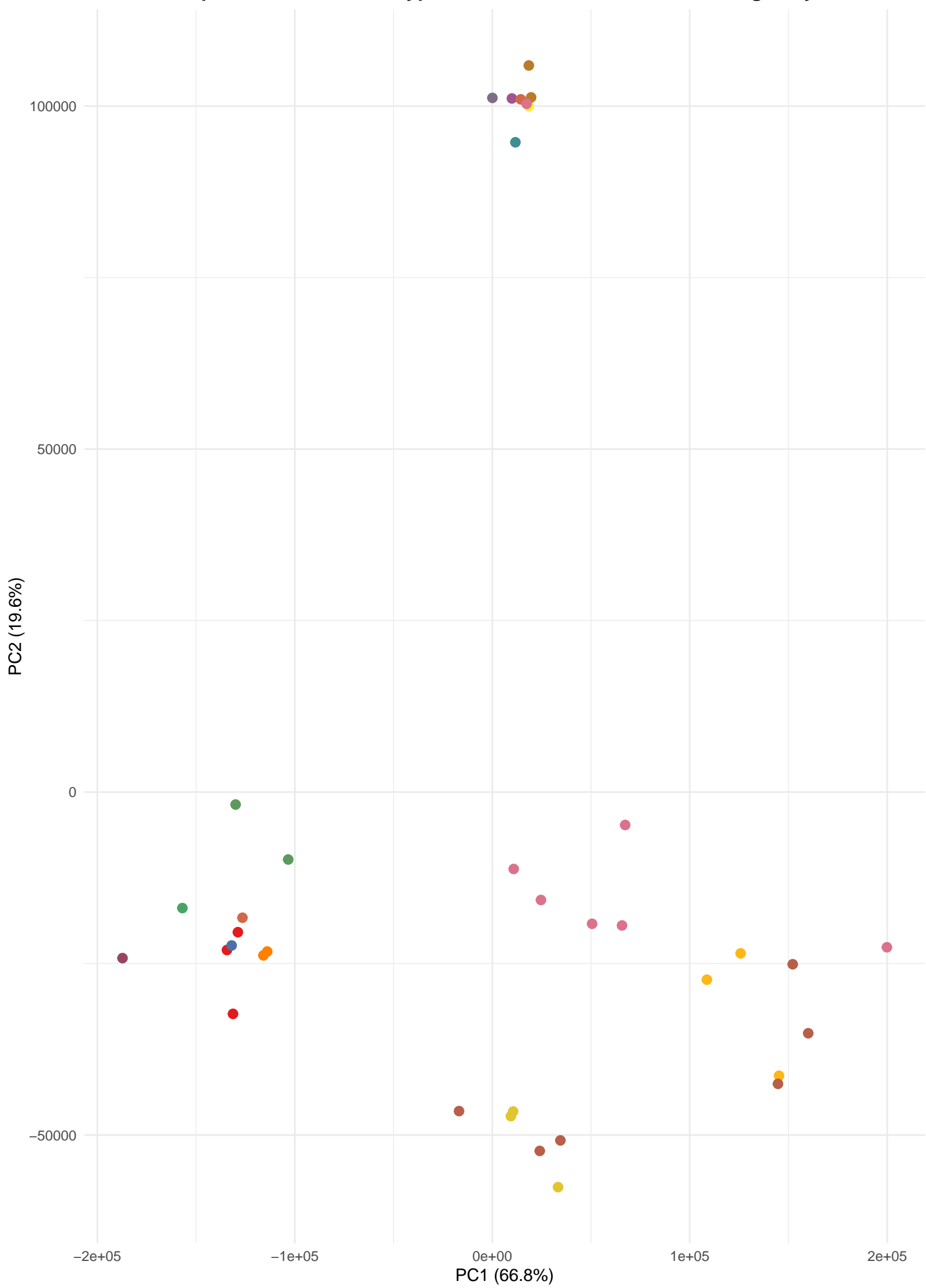


PCA por harmonized cell type harmonized donor age unit

harmonized cell type harmonized donor age unit

- alternatively activated macrophage year
- inflammatory macrophage year
- macrophage unknown
- macrophage year

PCA por harmonized cell type automated harmonized donor age in years





PCA por harmonized cell type harmonized donor life stage

harmonized cell type harmonized donor life stage



alternatively activated macrophage adult



inflammatory macrophage adult



macrophage adult



alternatively activated macrophage child

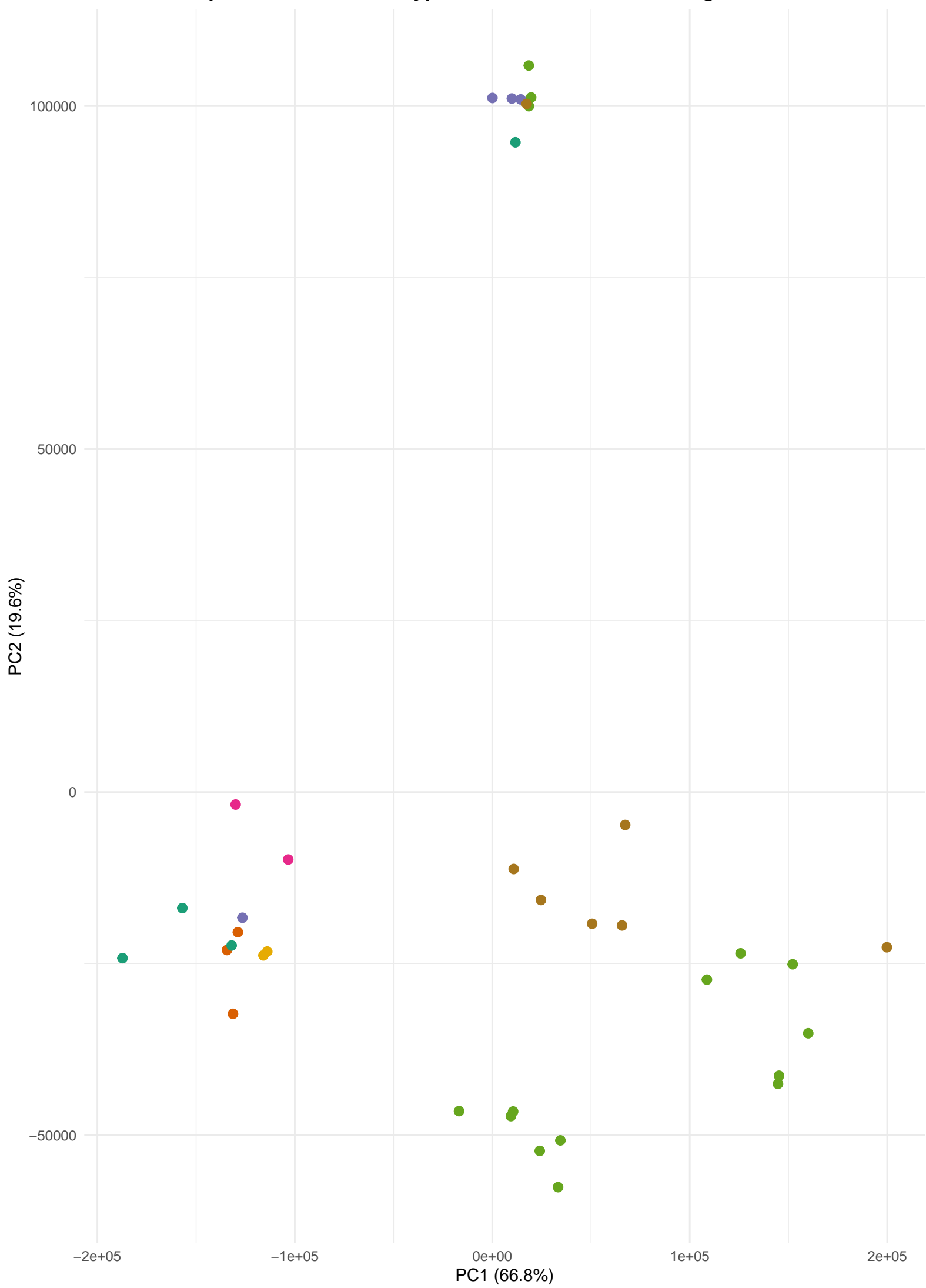


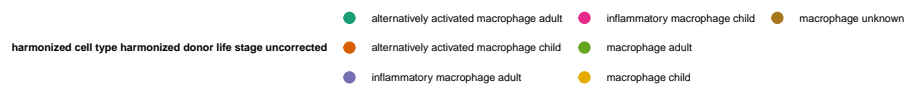
inflammatory macrophage child



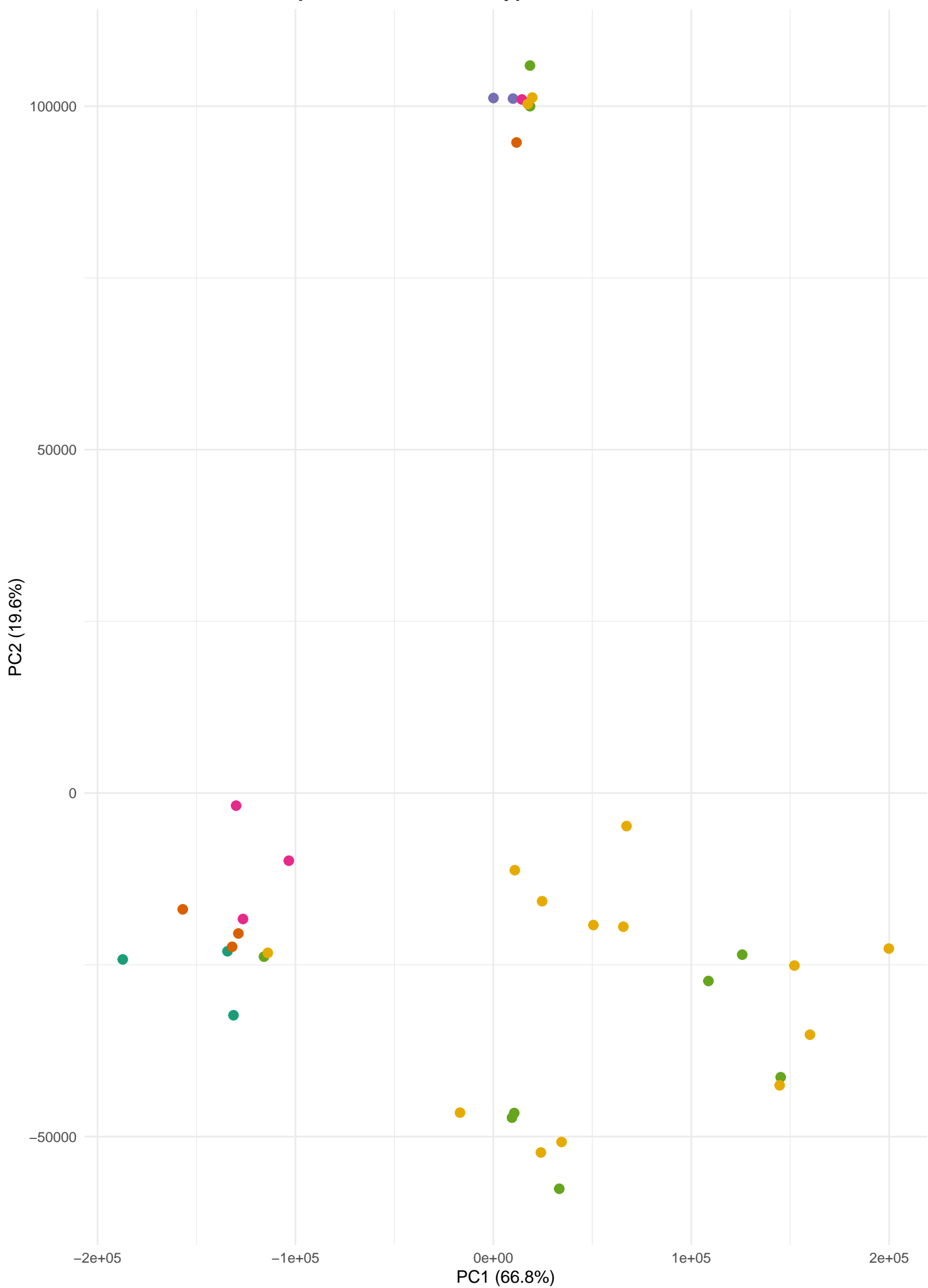
macrophage child

PCA por harmonized cell type harmonized donor life stage uncorrected





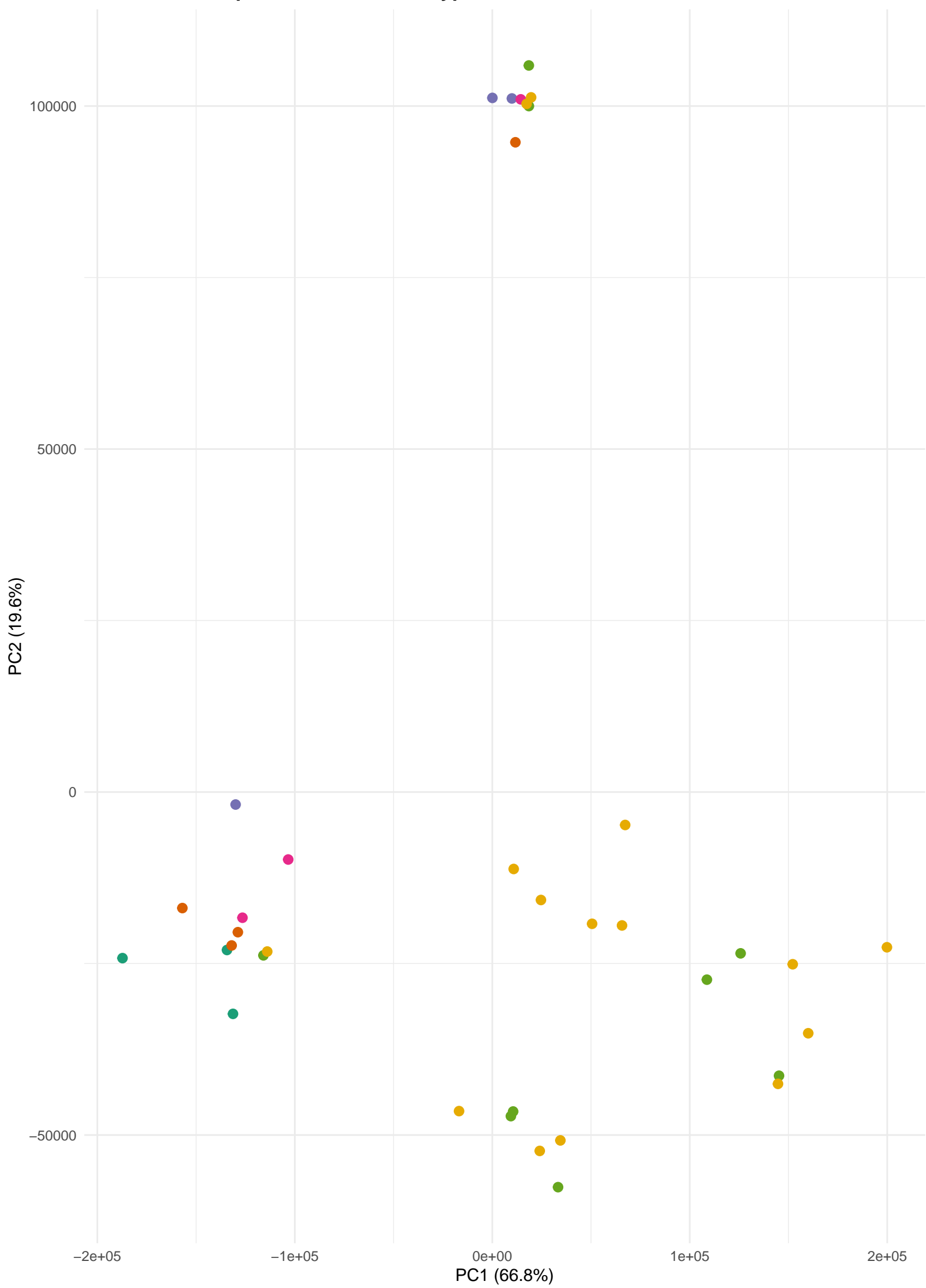
PCA por harmonized cell type harmonized donor sex



harmonized cell type harmonized donor sex

- alternatively activated macrophage female
- inflammatory macrophage female
- macrophage female
- alternatively activated macrophage male
- inflammatory macrophage male
- macrophage male

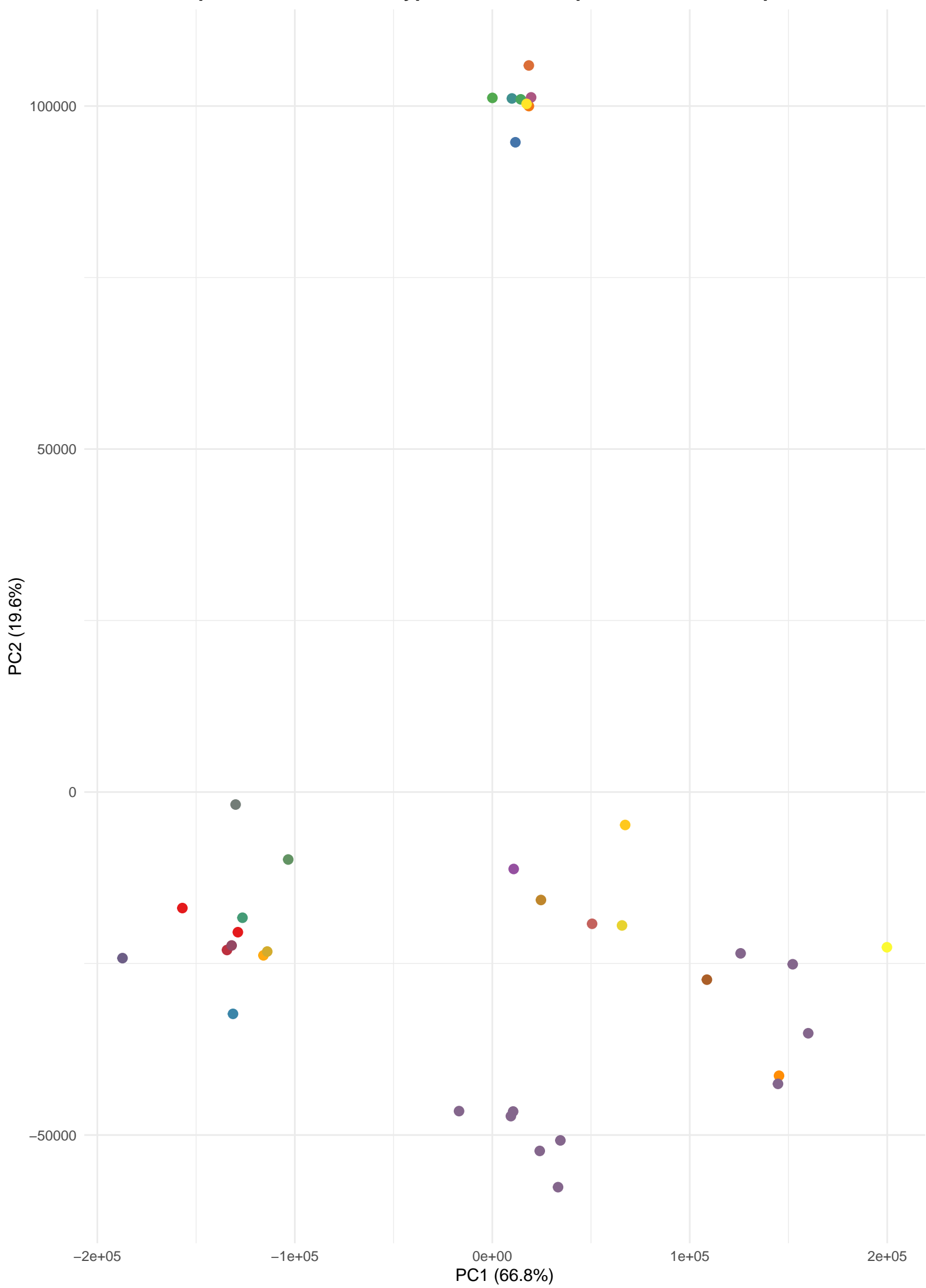
PCA por harmonized cell type harmonized donor sex uncorrected



harmonized cell type harmonized donor sex uncorrected

- alternatively activated macrophage female
- alternatively activated macrophage male
- inflammatory macrophage female
- inflammatory macrophage male
- macrophage female
- macrophage male

PCA por harmonized cell type automated experiments ChIP.Seq H3K27ac



harmonized cell type automated experiments ChIP.Seq H3K27ac

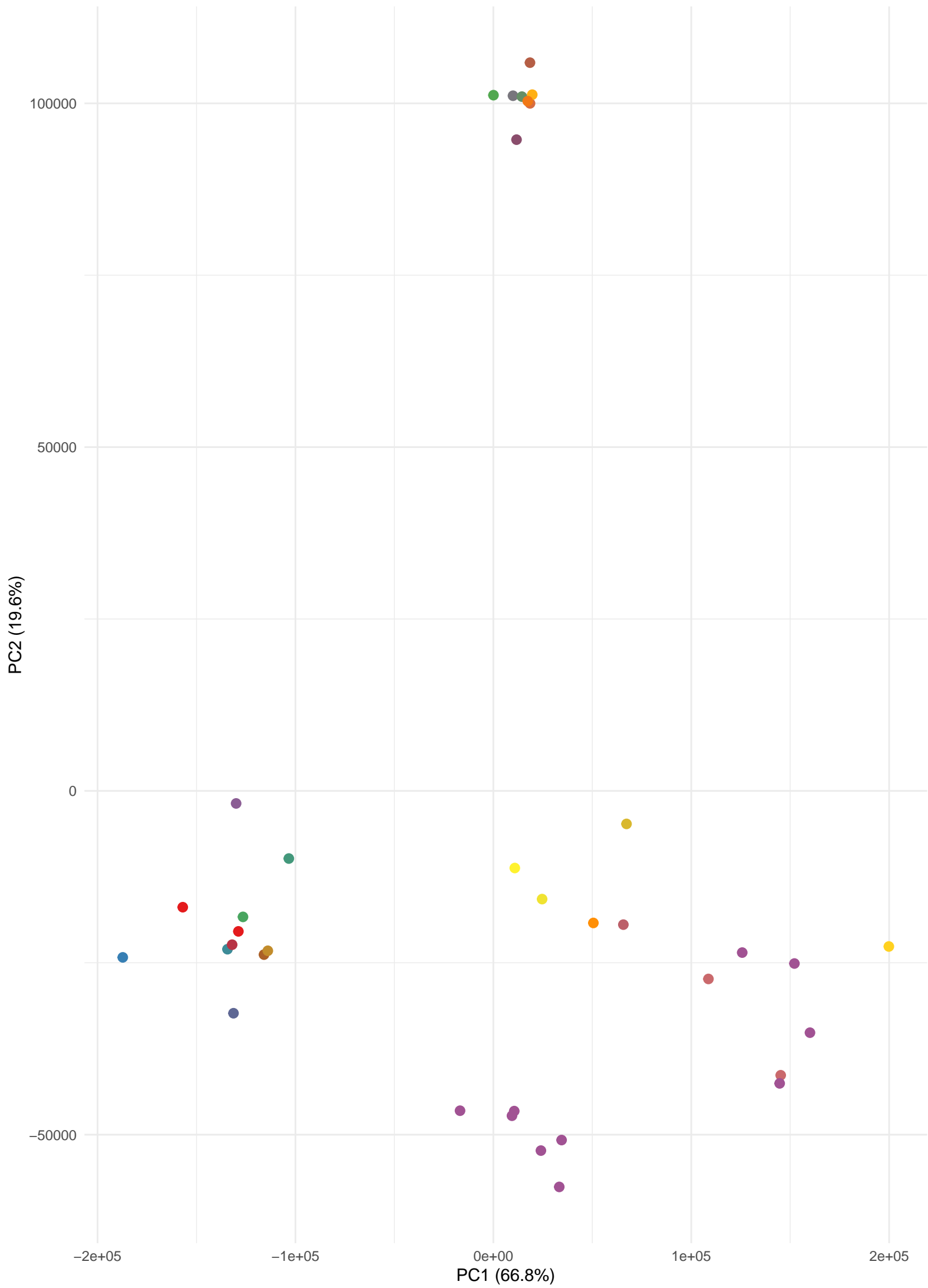
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- alternatively activated macrophage f7f2e0ed-3f12-40ea-ab1e-c5e10f8d62d8
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- macrophage
- macrophage 2c3a006d-4902-4554-a0ba-14040c3979e5
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- macrophage 30aebd5d-55b8-4958-834c-27c8c0a165bb
- macrophage 3d6a9515-43c7-44fc-85d7-9f3ee3c4083d
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- macrophage a4b839f4-cb72-4000-8141-3e889aede665
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- macrophage d4812fd5-35f7-424c-8ea9-21e1d395b54b
- macrophage fbfd53da-2abb-44c5-8840-6fb61a0caadc

PCA por harmonized cell type automated experiments ChIP.Seq H3K27me3

harmonized cell type automated experiments ChIP.Seq H3K27me3

- alternatively activated macrophage
- alternatively activated macrophage 7b485c8e-2ba6-4ba4-bb0c-5db4ffb286e5
- alternatively activated macrophage acc389c8-306d-460f-95cb-548ca498e7e9
- alternatively activated macrophage c103ff2c-a6eb-4f1b-a426-7944eb0db1a5
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- alternatively activated macrophage fd09db81-b70e-42c7-a7a4-5b21da281b0c
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- inflammatory macrophage ad699f10-b9f0-4846-a1ea-444cf5fe468b
- inflammatory macrophage b023ec65-be95-4de5-9819-d9f875a6d3d4
- inflammatory macrophage imputed
- macrophage
- macrophage 0acd5931-0b73-476b-8e24-3d3f33e51c4f
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- macrophage d70df12a-56c6-409a-9efd-6ac48fe139f8
- macrophage f83f1262-12e2-4b8d-b11c-8637f8303ed6
- macrophage imputed

PCA por harmonized cell type automated experiments ChIP.Seq H3K36me3



harmonized cell type automated experiments ChIP.Seq H3K36me3

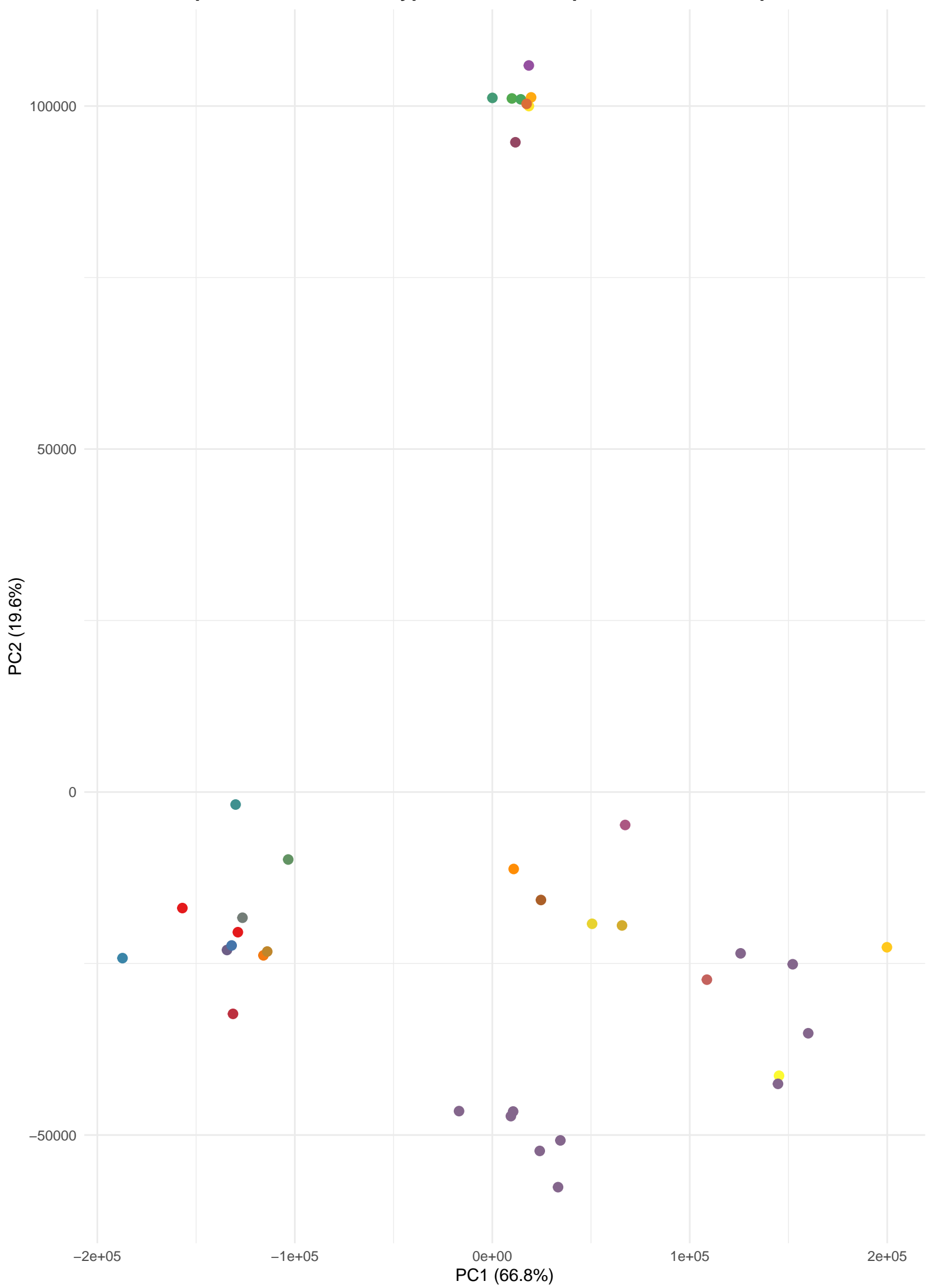
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- alternatively activated macrophage eae79e0-ee5e-42e1-9f29-f42824b74440
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- macrophage fad9bc04-0bdc-4657-b500-fd85f0e8342e
- macrophage imputed

PCA por harmonized cell type automated experiments ChIP.Seq H3K4me1




























harmonized cell type automated experiments ChIP.Seq H3K4me1

- alternatively activated macrophage
- alternatively activated macrophage 18017a46-582b-4ce3-bfb4-e75efa17aec2
- alternatively activated macrophage 9f15cdcc-7468-4a84-87ee-af65c5fba810
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- alternatively activated macrophage c56fb850-5356-4ade-95b8-b00dc069d5ee
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- inflammatory macrophage imputed
- macrophage
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- macrophage df6f0905-c0c8-425c-b0f1-0f9ff68f7793

PCA por harmonized cell type automated experiments ChIP.Seq H3K4me3




























harmonized cell type automated experiments ChIP.Seq H3K4me3

- | | | |
|---|--|---|
|  alternatively activated macrophage |  inflammatory macrophage 83061f51-ee60-414a-8d1a-f39f15277497 |  macrophage 6dfa680d-8376-4b60-8c1f-da208b5f4900 |
|  alternatively activated macrophage 439fb477-565a-4b82-aafe-9e994f42714a |  inflammatory macrophage c463eafa-ded1-4a7b-ab31-187e5f8f0b63 |  macrophage 7a0eab6c-12cc-401e-88c5-dd56ded2f99e |
|  alternatively activated macrophage bc704cb6-f394-4a6d-8ba1-6481c2b4d10c |  inflammatory macrophage cd34de67-c526-40fb-aa45-62b2369a1b8a |  macrophage 87740d95-2152-4bf6-9e4b-40324c82c60e |
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|  alternatively activated macrophage c9963a54-6a2b-4612-99dc-6250ce6e822f |  macrophage 3d357458-dac4-46c8-9503-75e624ca3151 |  macrophage 8ee0a04a-5612-416e-ac66-d602a8924e09 |
|  alternatively activated macrophage d1f4129b-e6ff-405f-b3b6-109916a68dc5 |  macrophage 44c273dc-24c7-4e79-b228-7ff7c6ee7d07 |  macrophage a52cd623-a184-4ce6-8066-ac70ff355274 |
|  inflammatory macrophage 4be19dac-925e-41ed-a10e-e655699d9860 |  macrophage 496e2776-f949-46e9-b8e0-128b76bd9973 |  macrophage b39bd01e-3692-461c-860c-2c0569187cd6 |
|  inflammatory macrophage 5bed80d6-eb1b-4fb5-93cf-fb84cc149a27 |  macrophage 572015db-a516-4eed-8b5a-e618b75e15df |  macrophage bfc2b274-c20f-442d-8122-50773b141fdb |
|  inflammatory macrophage 5faf25b7-5b6a-4afc-97ea-2be45d35d279 |  macrophage 62fa2045-d9f3-4558-b7a5-d28794180b9a |  macrophage c1fee8a1-8e98-40e9-a12f-8704d30f2e67 |

PCA por harmonized cell type automated experiments ChIP.Seq H3K9me3

harmonized cell type automated experiments ChIP.Seq H3K9me3

- | | | |
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|  alternatively activated macrophage 24e1c000-860b-414c-8a5a-cb73e98c0c6a |  inflammatory macrophage f8b01218-a3f8-48dc-884c-14b62675daca |  macrophage 94ad3781-f8aa-4d56-830a-df16a910858c |
|  alternatively activated macrophage 409fce32-3c80-4968-819f-d774f10df209 |  macrophage |  macrophage 9c54dc88-50cd-4207-80de-15a482501404 |
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|  inflammatory macrophage 1d49e429-7d54-40c1-a965-968c057abf12 |  macrophage 6615446a-840c-42f3-8de3-7683d60a1480 |  macrophage imputed |
|  inflammatory macrophage 531c01db-d7ec-4377-be41-51b3cab349a9 |  macrophage 7f8e529d-cf30-4d19-82b7-6287d94d8e26 | |
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PCA por harmonized cell type automated experiments WGBS standard

harmonized cell type automated experiments WGBS standard

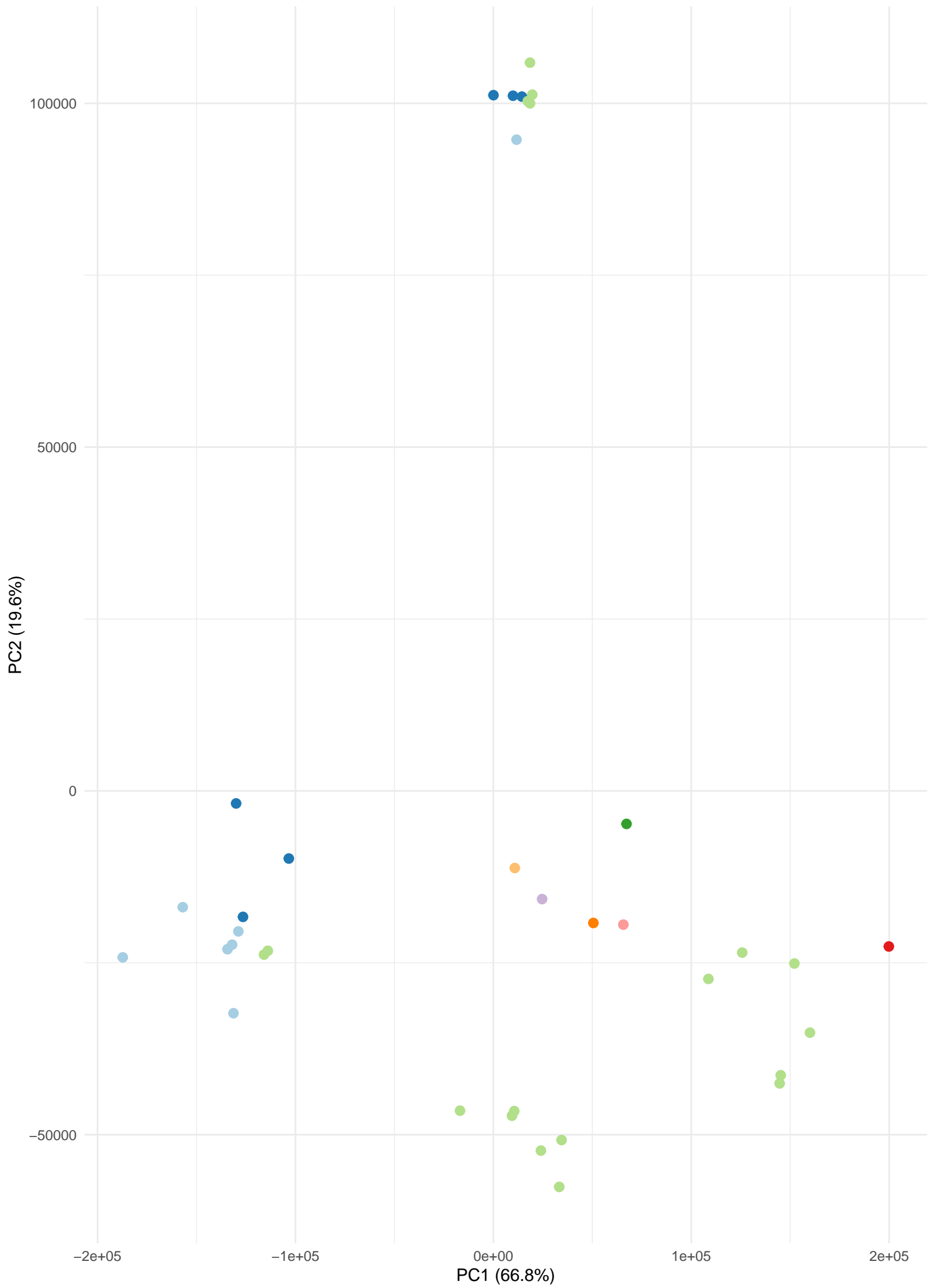
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|  alternatively activated macrophage 8624b7b6-5098-4bc9-aba9-d1cd2aa655bd |  inflammatory macrophage fadda90c-701d-4d69-b4ae-9a9af8d0c915 |  macrophage fe8c5f2b-ecd9-4169-ba89-b52097de9963 |
|  alternatively activated macrophage e1c8805b-c7d8-432c-a71f-ce99c408384e |  macrophage |  macrophage imputed |

PCA por harmonized cell type automated experiments WGBS PBAT

harmonized cell type automated experiments WGBS PBAT

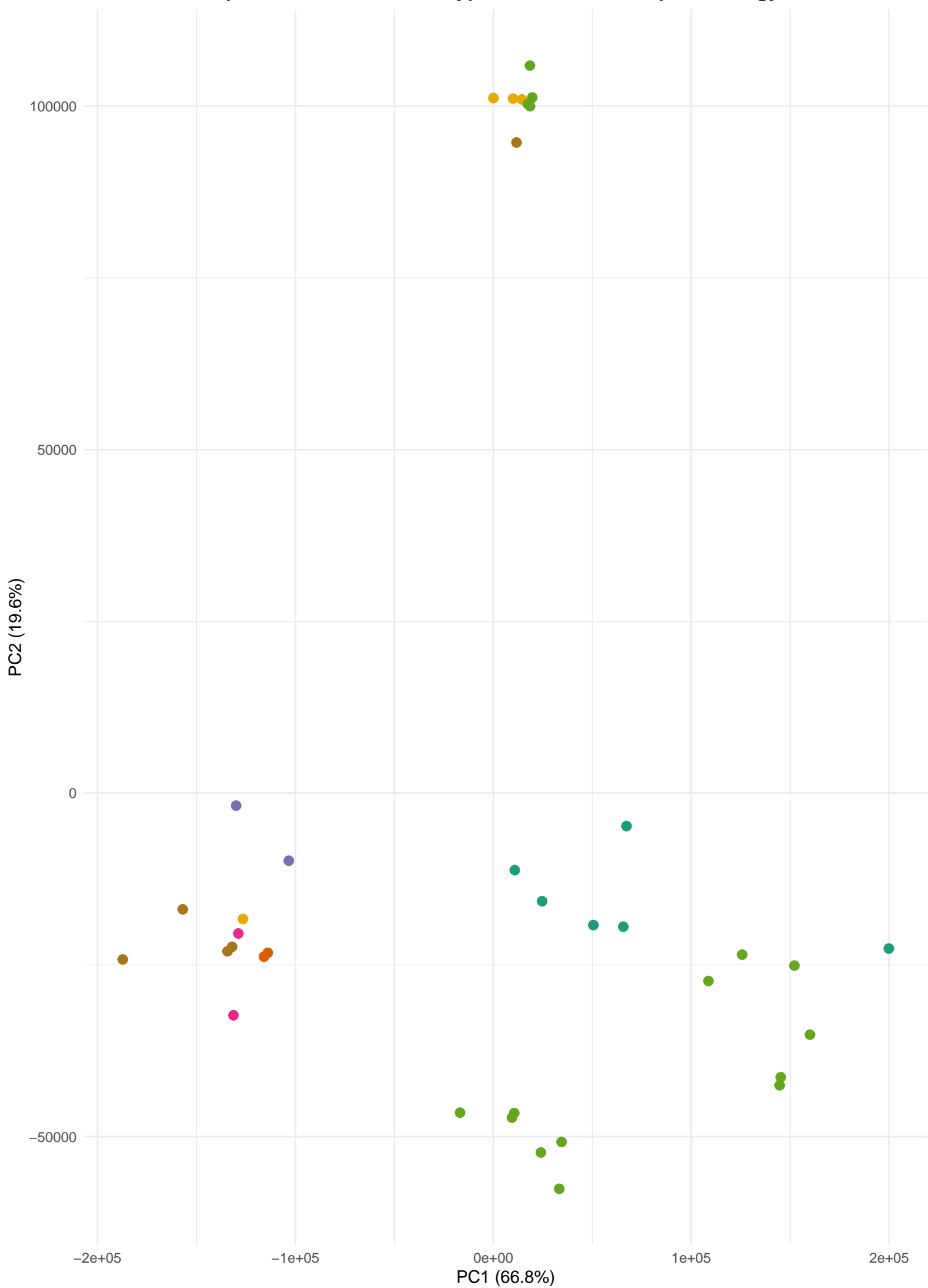
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	inflammatory macrophage		macrophage 69900762-439d-4985-8f18-99e8343e0a36		macrophage c8e6b7a9-260b-4b8e-ae2c-7b27e75512f2
	macrophage		macrophage 89154913-658e-46d8-be8d-81961eb89c07		macrophage f76edb4e-8305-4b55-b0bf-94b537e504c5

PCA por harmonized cell type automated experiments RNA.Seq mRNA.Seq












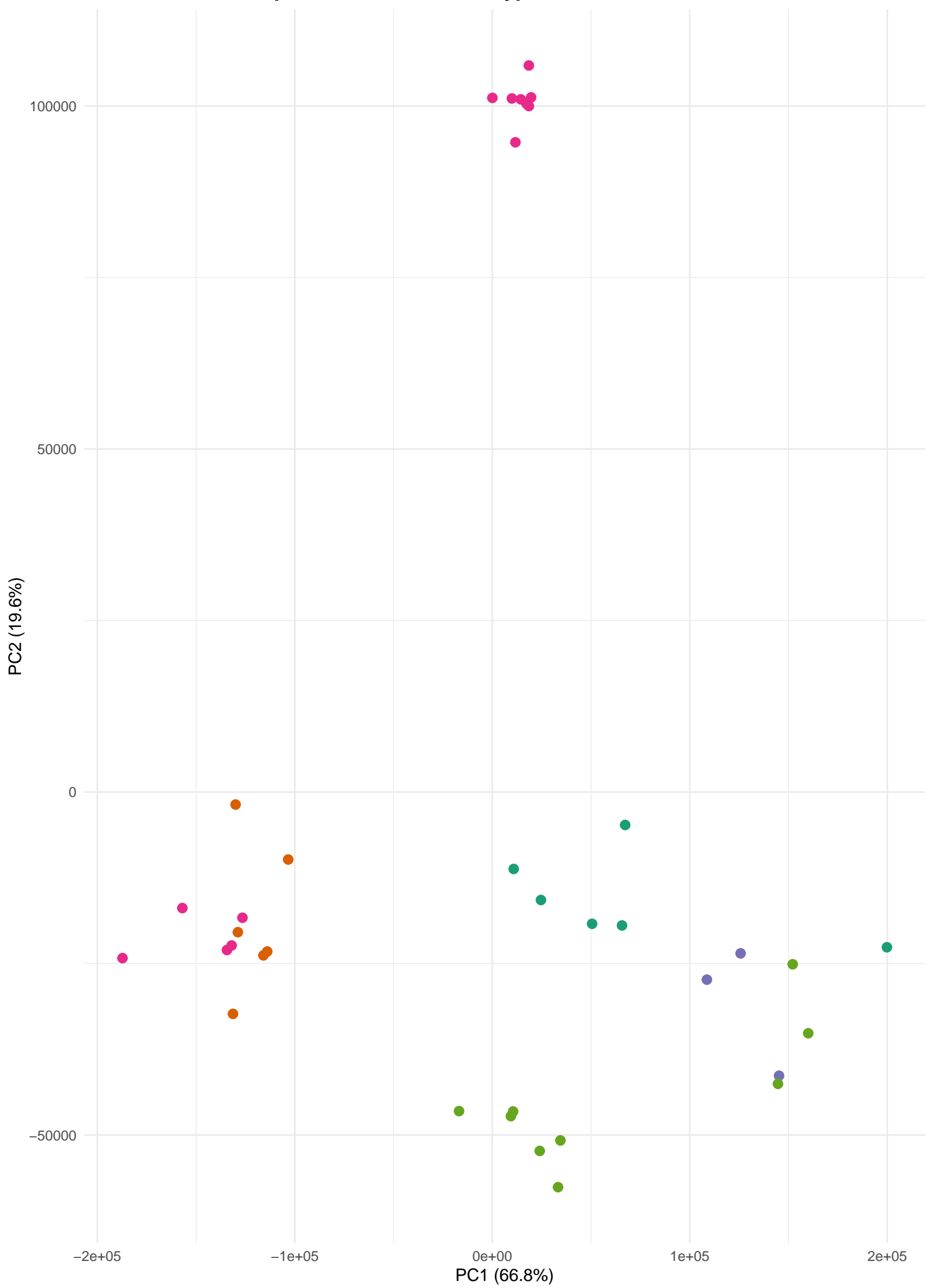
PCA por harmonized tissue type harmonized sample ontology curie



harmonized tissue type harmonized sample ontology curie

 blood CL:0000235	 umbilical cord blood CL:0000890	 venous blood CL:0000890
 umbilical cord blood CL:0000235	 venous blood CL:0000235	
 umbilical cord blood CL:0000863	 venous blood CL:0000863	

PCA por harmonized tissue type harmonized cell markers



harmonized tissue type harmonized cell markers



blood



venous blood



venous blood CD3- CD19- CD56-

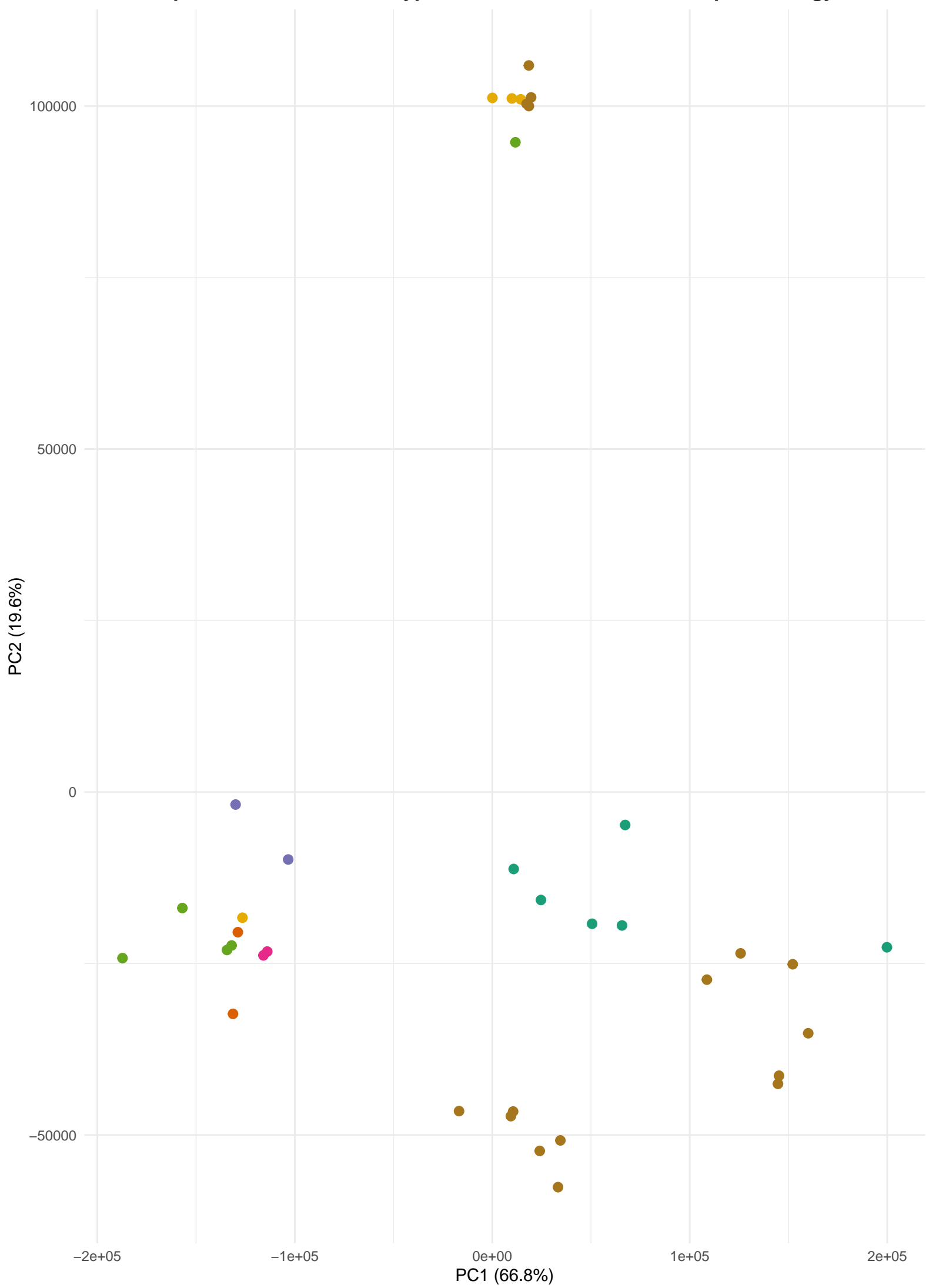


umbilical cord blood CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+



venous blood CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+

PCA por harmonized tissue type automated harmonized sample ontology term



harmonized tissue type automated harmonized sample ontology term

blood macrophage

umbilical cord blood alternatively activated macrophage

umbilical cord blood inflammatory macrophage

umbilical cord blood macrophage

venous blood alternatively activated macrophage

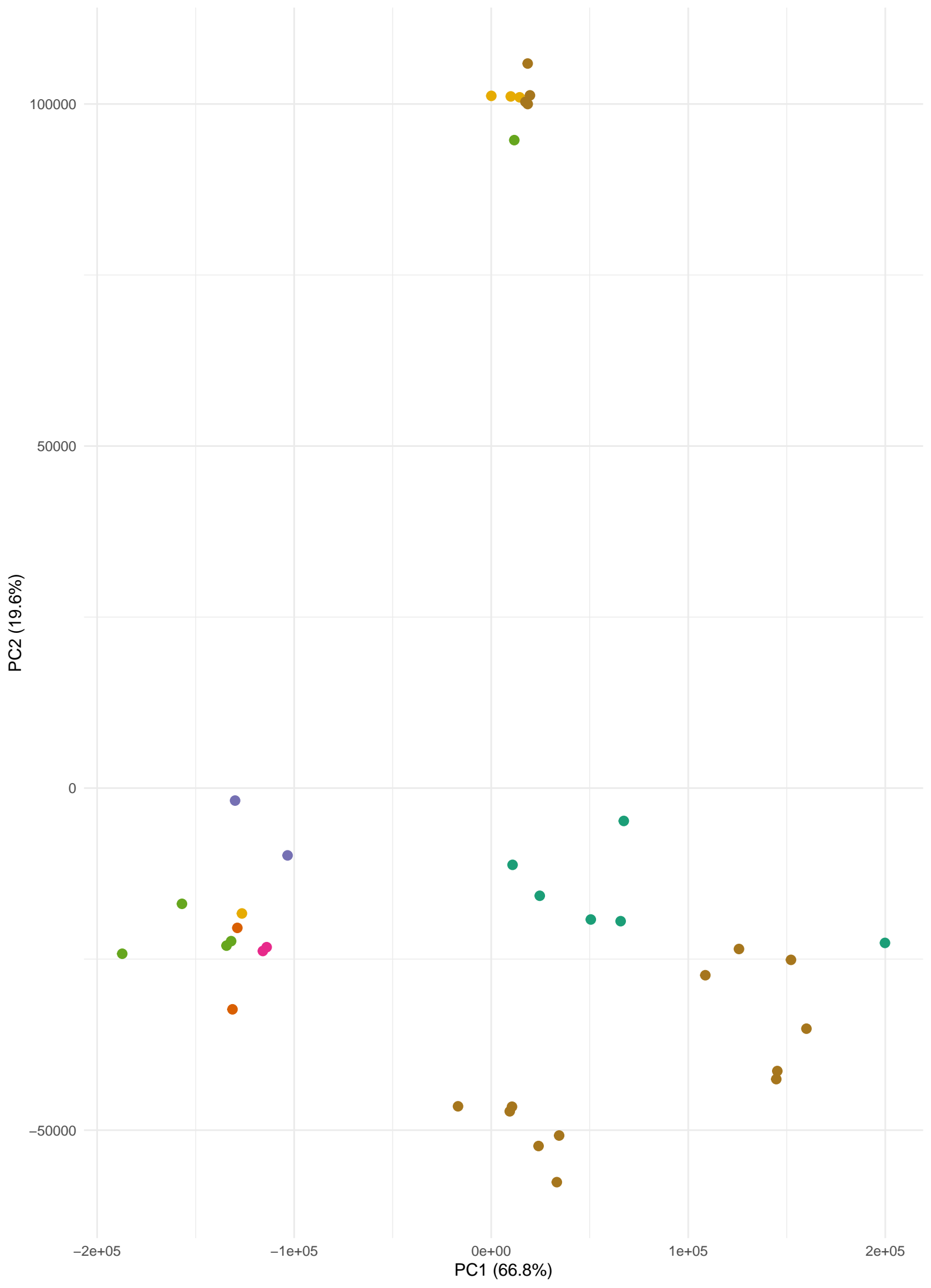
venous blood inflammatory macrophage

venous blood macrophage

PCA por harmonized tissue type harmonized sample organ order AnetaMikulasova

harmonized tissue type harmonized sample organ order AnetaMikulasova ● blood blood-venous ● umbilical cord blood blood-umbilical-cord ● venous blood blood-venous

PCA por harmonized tissue type harmonized sample cell 2 order AnetaMikulasova






harmonized tissue type harmonized sample cell 2 order AnetaMikulasova

● blood x	● umbilical cord blood x	● venous blood x
● umbilical cord blood alternatively-activated	● venous blood alternatively-activated	
● umbilical cord blood inflammatory	● venous blood inflammatory	

PCA por harmonized tissue type harmonized sample disease

harmonized tissue type harmonized sample disease ● blood ● umbilical cord blood None ● venous blood None

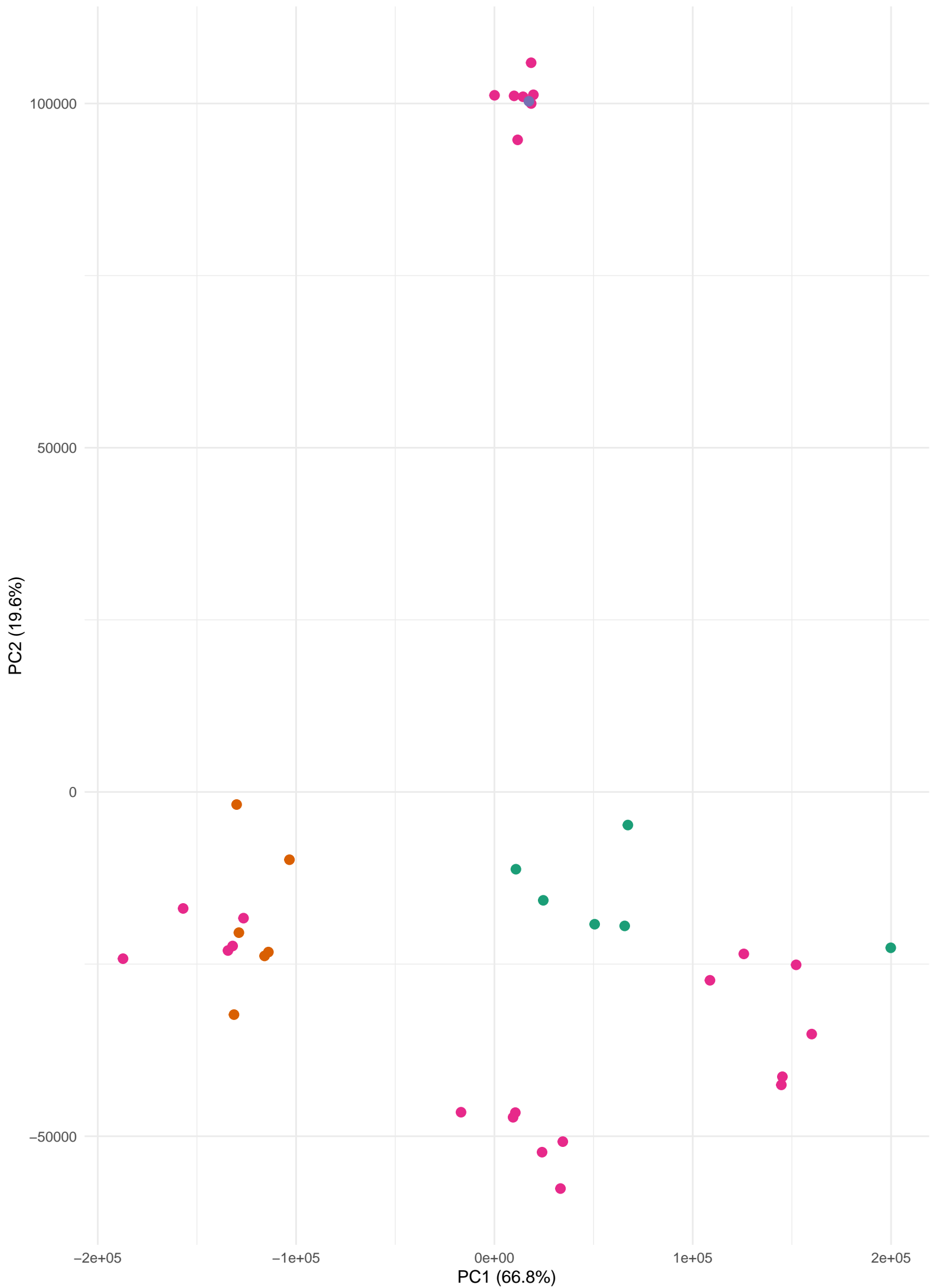
PCA por harmonized tissue type harmonized sample disease ontology curie

harmonized tissue type harmonized sample disease ontology curie  blood  umbilical cord blood NCIM:C0549184  venous blood NCIM:C0549184

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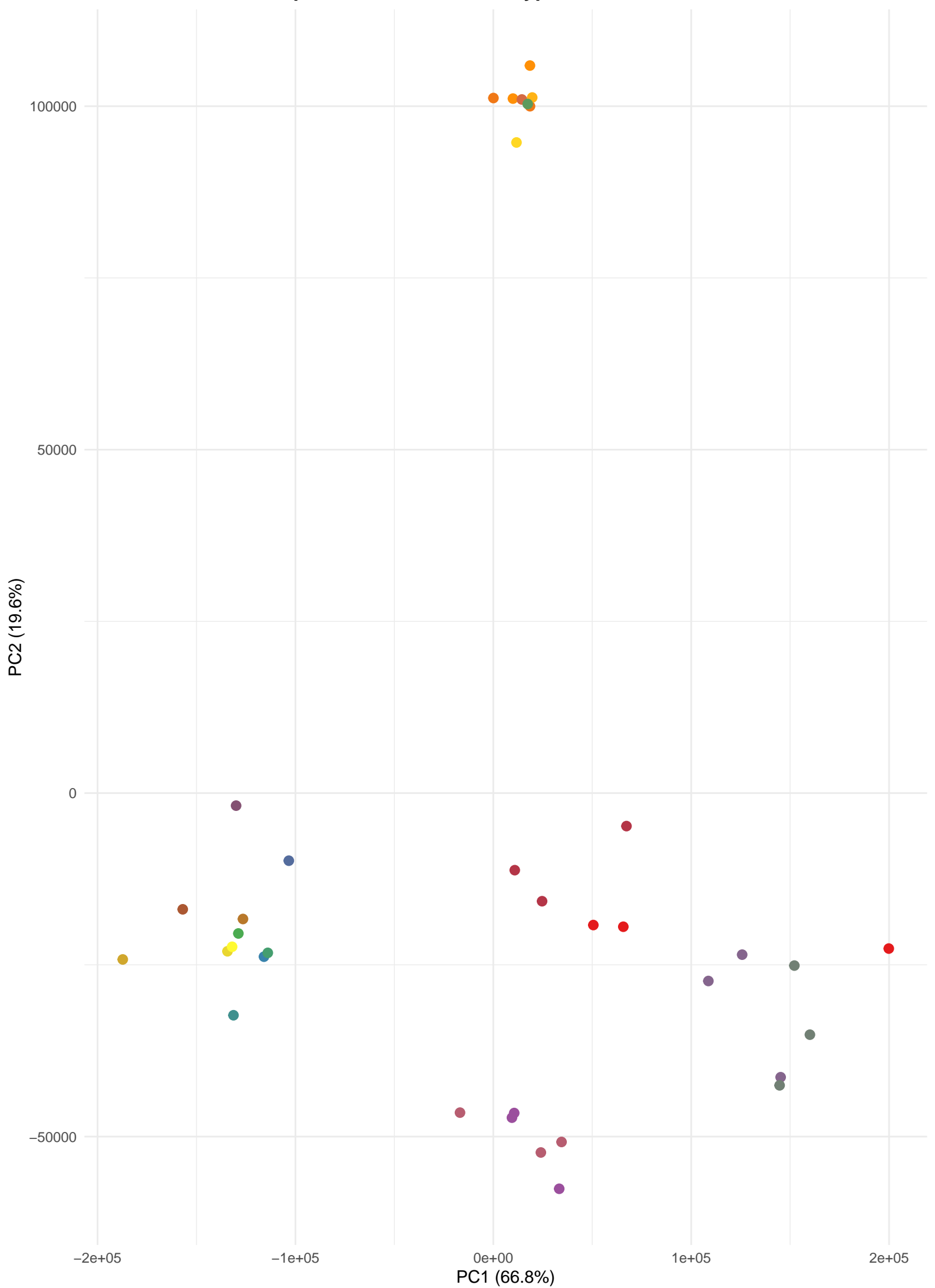
PCA por harmonized tissue type harmonized donor type


























harmonized tissue type harmonized donor type

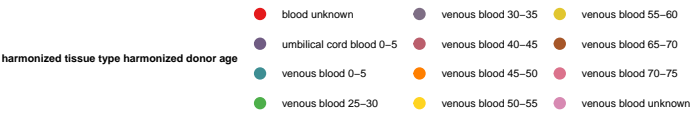
- blood Single donor
- venous blood Composite
- umbilical cord blood Single donor
- venous blood Single donor

PCA por harmonized tissue type harmonized donor id



harmonized tissue type harmonized donor id		blood 43_Hm03		venous blood		venous blood S00390
		blood 43_Hm05		venous blood N00031318490130		venous blood S00622
		umbilical cord blood S0018A		venous blood N00031319896021		venous blood S006V1
		umbilical cord blood S007SK		venous blood N00031406634921		venous blood S00BS4
		umbilical cord blood S00BHQ		venous blood N00031406635321		venous blood S00FTN
		umbilical cord blood S00C1H		venous blood S001MJ		venous blood S00H6O
		umbilical cord blood S00DVR		venous blood S001S7		venous blood S00J8C
		umbilical cord blood S00E8W		venous blood S00221		

PCA por harmonized tissue type harmonized donor age

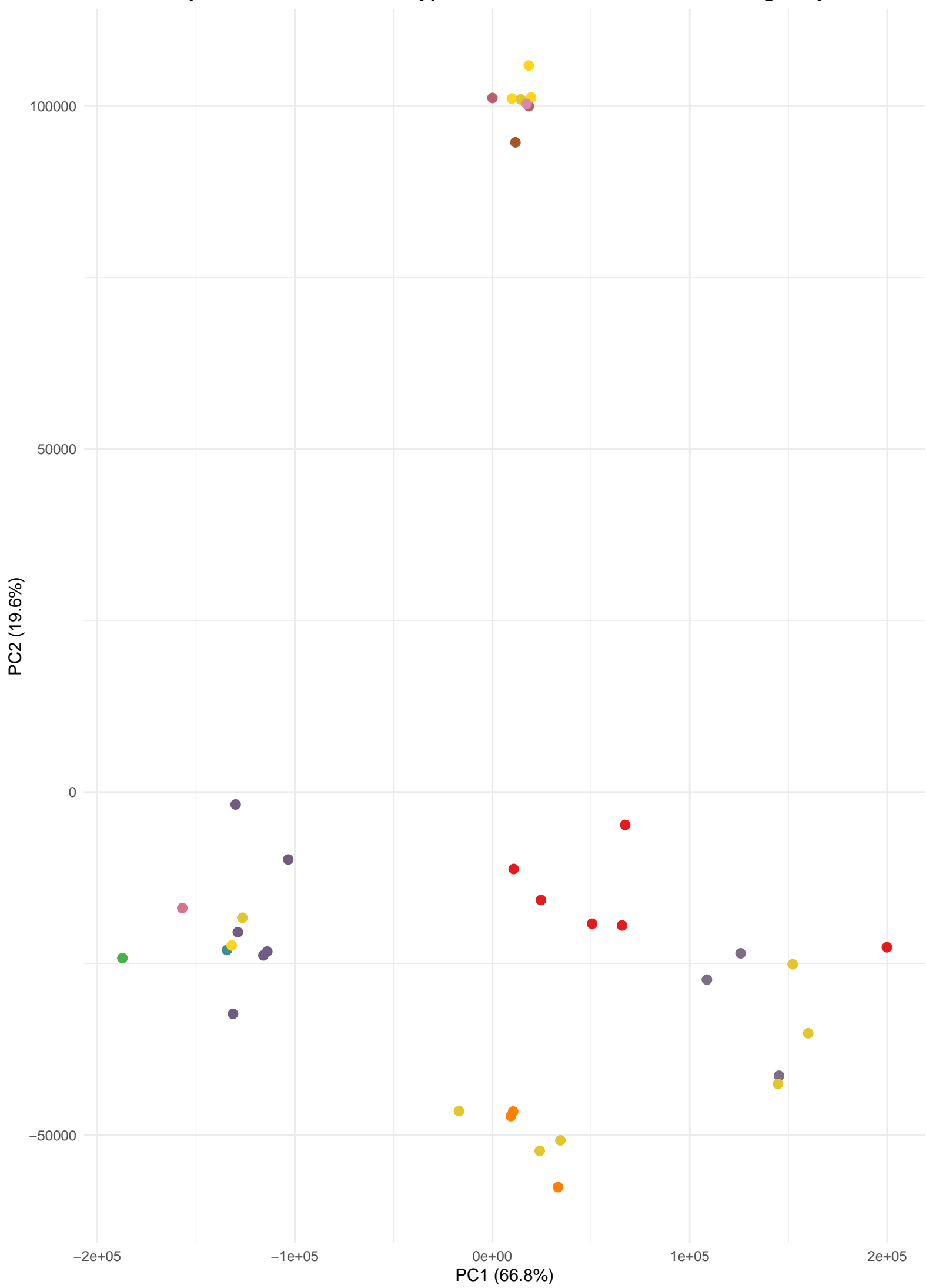


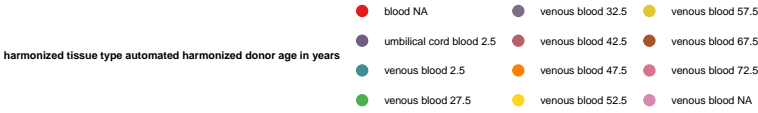
PCA por harmonized tissue type harmonized donor age unit

harmonized tissue type harmonized donor age unit

● blood unknown	● venous blood unknown
● umbilical cord blood year	● venous blood year

PCA por harmonized tissue type automated harmonized donor age in years





PCA por harmonized tissue type harmonized donor life stage

harmonized tissue type harmonized donor life stage ● blood adult ● umbilical cord blood child ● venous blood adult

PCA por harmonized tissue type harmonized donor life stage uncorrected

harmonized tissue type harmonized donor life stage uncorrected



blood unknown



venous blood adult



venous blood unknown

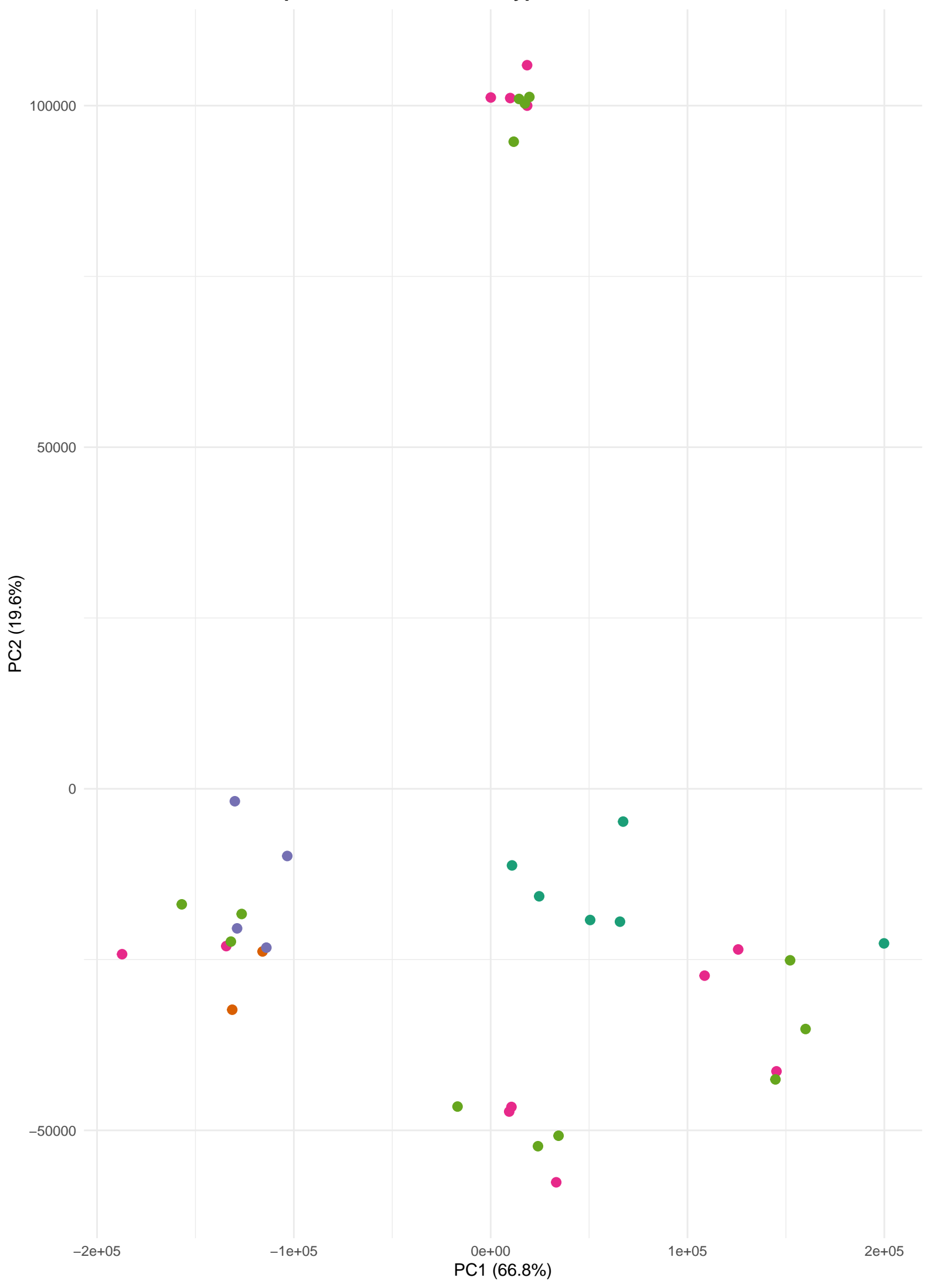


umbilical cord blood child



venous blood child

PCA por harmonized tissue type harmonized donor sex



harmonized tissue type harmonized donor sex



blood male



umbilical cord blood male



venous blood male



umbilical cord blood female



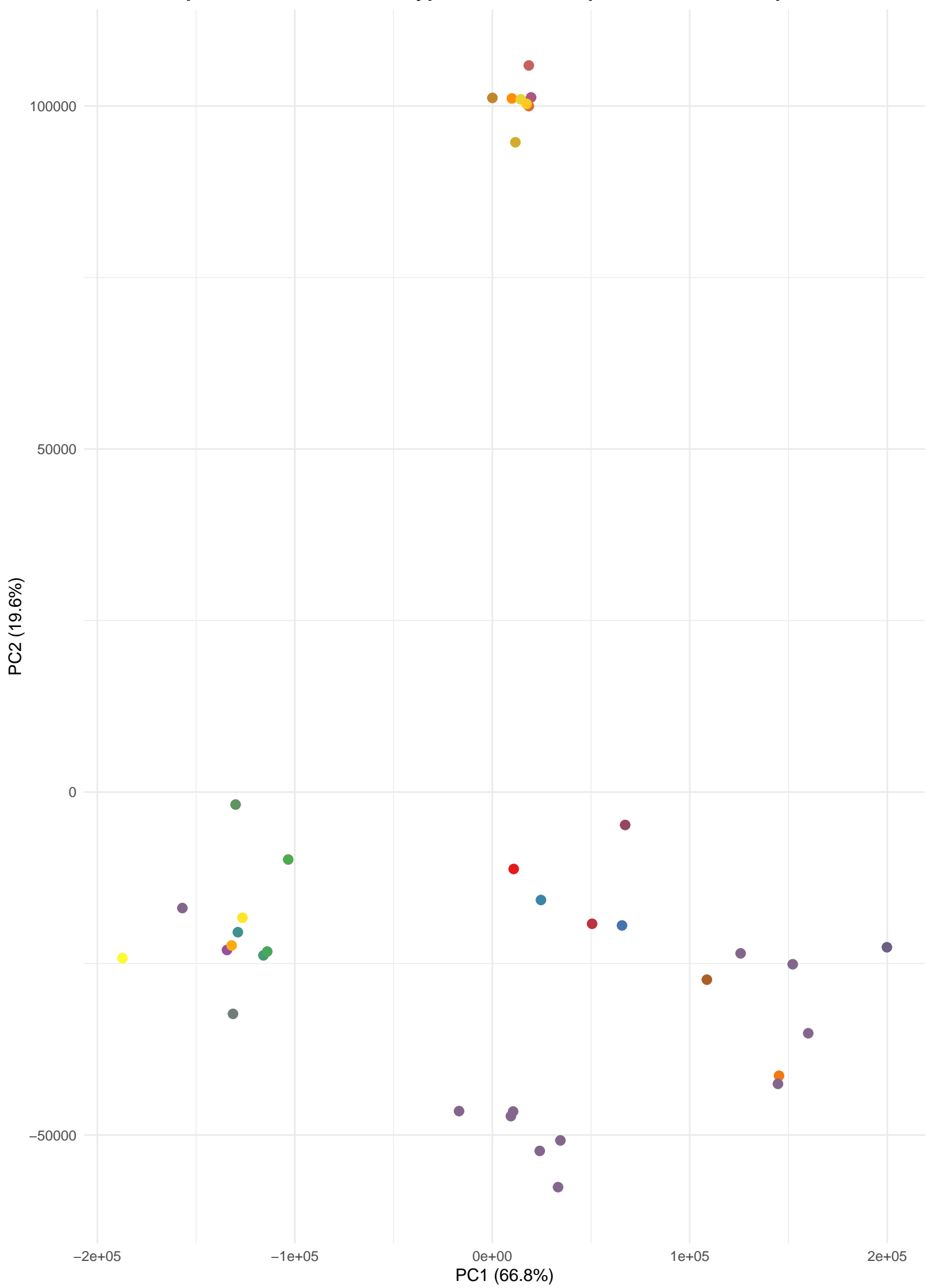
venous blood female

PCA por harmonized tissue type harmonized donor sex uncorrected

harmonized tissue type harmonized donor sex uncorrected

- blood male
- umbilical cord blood male
- venous blood male
- umbilical cord blood female
- venous blood female

PCA por harmonized tissue type automated experiments ChIP.Seq H3K27ac



harmonized tissue type automated experiments ChIP.Seq H3K27ac

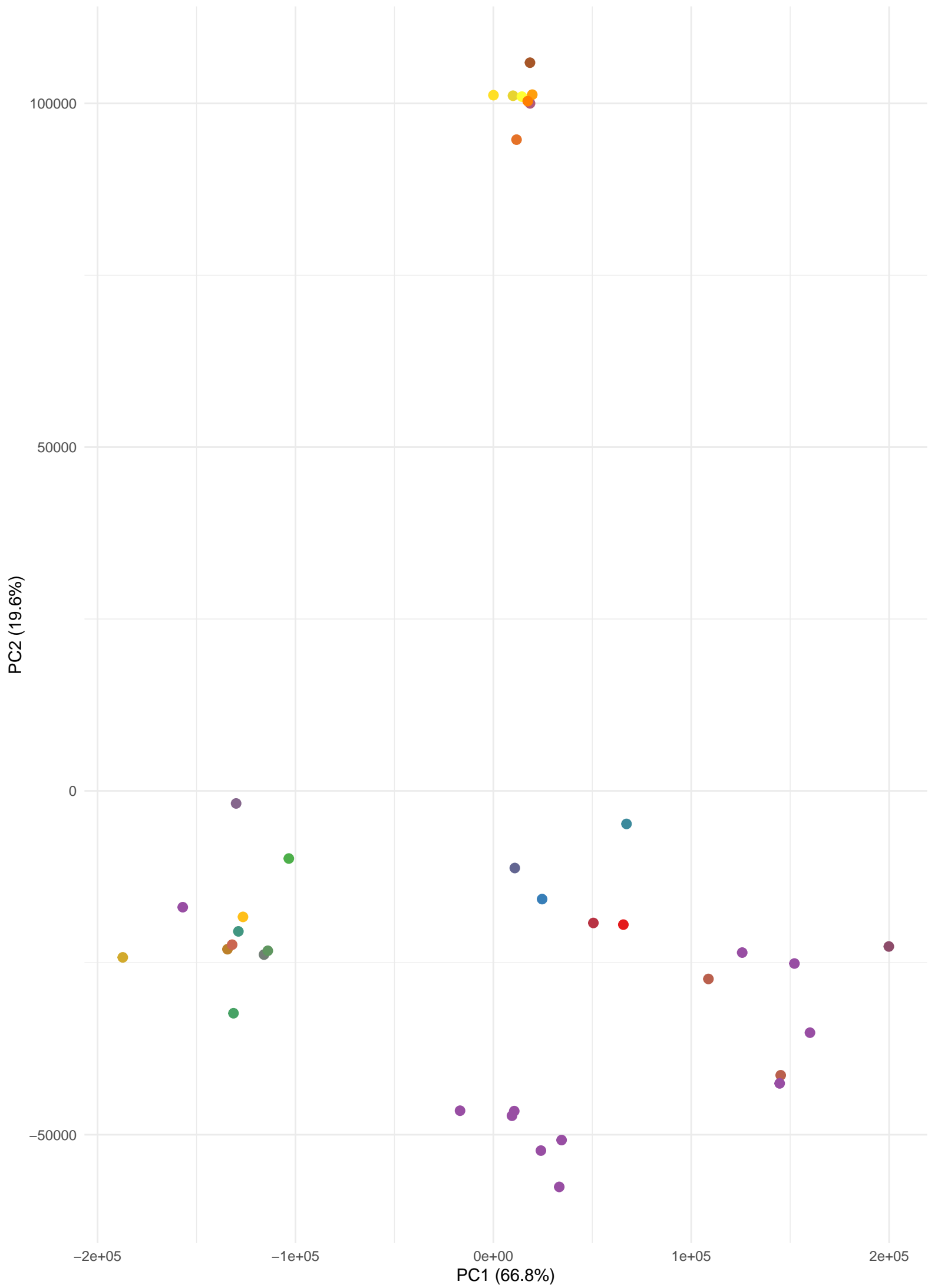
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- blood 87217a77-af17-4375-b2cb-d5433d7630b0
- blood 9f989b17-6131-4e53-a04c-2c3b0ade703c
- blood a4b839f4-cb72-4000-8141-3e889aede665
- blood d4812fd5-35f7-424c-8ea9-21e1d395b54b
- umbilical cord blood
- umbilical cord blood 6767ca98-deae-49f6-b4ac-75d0144cef28
- umbilical cord blood cbf21cc3-59bc-4d31-8242-16b6ee9a92b5
- umbilical cord blood d7bae694-a963-49c0-91a4-12894b97ce77
- umbilical cord blood e6c68a5d-37e7-47a6-8c62-20a8e3b053f3
- umbilical cord blood f7f2e0ed-3f12-40ea-ab1e-c5e10f8d62d8
- venous blood
- venous blood 21204e63-5580-42b6-aaaf-3888daa8192c
- venous blood 2e1ab747-5c43-4469-97d5-a2e674bc3ee6
- venous blood 3d8a9515-43c7-44fc-85d7-9f3ee3c4083d
- venous blood 433bc629-750b-4674-bbb1-9759454f2728
- venous blood 482731ca-3e9c-4d2c-8f58-b7fbaebad1f6
- venous blood 6de3a207-ef97-4cbc-a25e-5966bc51a6e1
- venous blood 7a04d905-73a0-4079-9968-67c3833836fc
- venous blood 90c9bd75-e378-4adf-8726-9bc0261986e3
- venous blood 9cc4804f-5850-46a5-b627-ca441aa97c73
- venous blood a976fdae-f5dd-439a-80ce-578a0400ca86
- venous blood b164f810-2e27-4827-b5c8-f5006a5eea9e
- venous blood b3adf3d7-6c77-4bc6-a996-7aa999aef39
- venous blood c7277a95-3c87-4ff4-8d24-2adf03b194fd
- venous blood fbf53da-2abb-44c5-8840-6fb61a0caadc

PCA por harmonized tissue type automated experiments ChIP.Seq H3K27me3

harmonized tissue type automated experiments CHIP.Seq H3K27me3

<div></div> blood 0acd5931-0b73-476b-8e24-3d3f33e51c4f	<div></div> umbilical cord blood 87d5d4cc-d709-448c-855d-51ab38c2c5f0	<div></div> venous blood acc389c8-306d-460f-95cb-548ca498e7e9
<div></div> blood 165f7781-9b32-4127-9b7e-a3c22e1d8bc5	<div></div> umbilical cord blood c103ff2c-a6eb-4f1b-a426-7944eb0db1a5	<div></div> venous blood ad699f10-b9f0-4846-a1ea-444cd5fe468b
<div></div> blood 416699f9-7423-4550-be49-8f02faa2b0d5	<div></div> umbilical cord blood imputed	<div></div> venous blood b023ec65-be95-4de5-9819-d9f875a6d3d4
<div></div> blood 53d89d9f-5949-4fc0-a0f7-bbac9f0fea51	<div></div> venous blood	<div></div> venous blood c8466bde-130e-4c84-b299-b3eb4c8abdc7
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<div></div> blood b966e498-d9a0-444f-86dc-2c73303063dc	<div></div> venous blood 2619468f-904f-46bd-8da3-9c85fdeceff5	<div></div> venous blood f83f1262-12e2-4b8d-b11c-8637f8303ed6
<div></div> umbilical cord blood	<div></div> venous blood 7b485c8e-2ba6-4ba4-bb0c-5db4ffb286e5	<div></div> venous blood fd09db81-b70e-42c7-a7a4-5b21da281b0c
<div></div> umbilical cord blood 4a5cfc14-4daf-4d77-9a82-2b790575203a	<div></div> venous blood 83b0b921-e0bc-4aa4-a2f0-7efee9bf544b	<div></div> venous blood imputed
<div></div> umbilical cord blood 5458814b-5fa1-4409-81d6-3110fe5029f7	<div></div> venous blood 9cf12c10-316c-45d2-adec-5ea53e80f354	

PCA por harmonized tissue type automated experiments ChIP.Seq H3K36me3



harmonized tissue type automated experiments ChIP.Seq H3K36me3

- | | | |
|---|---|---|
| ● blood 03a5399b-8198-4c5d-9733-643e52230ded | ● umbilical cord blood baf1b6b5-96f6-42d1-907a-07181459fd3c | ● venous blood 7ba479df-2d75-4a21-a2dc-30d87eedc37a |
| ● blood 214d1f33-bcb6-4ac8-b4dd-0158df3742ae | ● umbilical cord blood e9ec476a-ba27-4442-9d25-8e1fc0abb738 | ● venous blood 8d5b3081-225e-438e-b618-c17adc495516 |
| ● blood 43a724cd-c3b0-46db-9b56-bc285ebfa0a4 | ● umbilical cord blood f239d3f1-9d11-4bf4-aece-ad23d5390811 | ● venous blood b2ccf16a-9055-4734-b0ff-eb0714415e6a |
| ● blood 5334d23f-e014-40d2-bc7a-ac83a243daae | ● venous blood | ● venous blood b5663e0a-6a83-45b1-ab56-04d7ac22eee1 |
| ● blood 5d44418c-818f-4534-8844-0d0e8e0143a7 | ● venous blood 05fcdabc-d11f-4f6c-af26-2868c8125e10 | ● venous blood dfc63e95-4862-4384-a735-dc9483aed805 |
| ● blood 9f5e6354-a818-4c74-a982-f5d683781afe | ● venous blood 0efb30a1-ec4a-41e3-8cd9-c8f03f347482 | ● venous blood eeae79e0-ee5e-42e1-9f29-f42824b74440 |
| ● umbilical cord blood | ● venous blood 10d36a04-e044-4c40-9b45-3ef18c963298 | ● venous blood fad9bc04-0bdc-4657-b500-fd85f0e8342e |
| ● umbilical cord blood 510139c3-77ab-4865-bfd1-41696f4f603b | ● venous blood 1c0d18ed-c4d2-41ac-9e17-5a30377f990f | ● venous blood imputed |
| ● umbilical cord blood 78afa2e5-5711-4b0e-8724-55134969481b | ● venous blood 248d0803-44a8-4240-ab71-e2ff74839d74 | |

PCA por harmonized tissue type automated experiments ChIP.Seq H3K4me1

harmonized tissue type automated experiments ChIP.Seq H3K4me1

<div></div> blood 0b0c5786-e084-4954-a96f-72d7a88b913e	<div></div> umbilical cord blood a3c721fe-088e-4da8-972b-3d6efe322bd3	<div></div> venous blood b55212c4-278a-46e6-a914-7321e68a657d
<div></div> blood 157e52bc-84ef-4d37-b10e-cb4efc6ff94d	<div></div> umbilical cord blood baca5345-ebfb-42c5-84f7-5edc7dd83347	<div></div> venous blood bbe0fcdd-1f38-4b05-9389-41cc4d505f6b
<div></div> blood 856e5189-b10a-47ac-b38e-4f26c4b023ef	<div></div> umbilical cord blood imputed	<div></div> venous blood bff43e30-3898-49cc-b008-9b0dc8f55c5c
<div></div> blood 93858f63-89ca-4fc1-b09c-156027aeb3c	<div></div> venous blood	<div></div> venous blood c56fb850-5356-4ade-95b8-b00dc069d5ee
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<div></div> blood df6f0905-c0c8-425c-b0f1-0f9ff68f7793	<div></div> venous blood 2c79bca0-4ffc-465a-9643-ae105e9920dd	<div></div> venous blood c6514d1f-f7d6-47e3-b3e7-3a9905e2253b
<div></div> umbilical cord blood	<div></div> venous blood 39d08846-3228-45c0-bd7e-10e6a5452dea	<div></div> venous blood cee73cdb-e806-4ffa-ad30-ab01efc5dd22
<div></div> umbilical cord blood 18017a46-582b-4ce3-bfb4-e75efa17aec2	<div></div> venous blood 630bb3ae-2002-42b3-97d8-83059d35c603	<div></div> venous blood d0e9d2b8-31ed-4ff8-8f4f-ade1dc88724d
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PCA por harmonized tissue type automated experiments ChIP.Seq H3K4me3

harmonized tissue type automated experiments ChIP.Seq H3K4me3

<div></div> blood 44c273dc-24c7-4e79-b228-7ff7c6ee7d07	<div></div> umbilical cord blood 62fa2045-d9f3-4558-b7a5-d28794180b9a	<div></div> venous blood 7a0eab6c-12cc-401e-88c5-dd56ded2f99e
<div></div> blood 6dfa680d-8376-4b60-8c11-da208b5f4900	<div></div> umbilical cord blood bfc2b274-c20f-442d-8122-50773b141fdb	<div></div> venous blood 83061f51-ee60-414a-8d1a-f39f15277497
<div></div> blood 87740d95-2152-4bf6-9e4b-40324c82c60e	<div></div> umbilical cord blood c463eafa-ded1-4a7b-ab31-187e5f8f0b63	<div></div> venous blood 89836fcc-e8df-40b9-ae22-e9fdca288170
<div></div> blood a52cd623-a184-4ce6-8066-ac70ff355274	<div></div> venous blood	<div></div> venous blood 8ee0a04a-5612-416e-ac66-d602a8924e09
<div></div> blood b39bd01e-3692-461c-860c-2c0569187cd6	<div></div> venous blood 3d357458-dac4-46c8-9503-75e624ca3151	<div></div> venous blood bc704cb6-f394-4a6d-8baf-6481c2b4d10c
<div></div> blood c1fee8a1-8e98-40e9-a12f-8704d30f2e67	<div></div> venous blood 496e2776-f949-46e9-b8e0-128b76bd9973	<div></div> venous blood bd23c770-d9c3-4fd2-8198-dd9ba0210881
<div></div> umbilical cord blood	<div></div> venous blood 572015db-a516-4eed-8b5a-e618b75e15df	<div></div> venous blood c9963a54-6a2b-4612-99dc-6250ce6e822f
<div></div> umbilical cord blood 439fb477-565a-4b82-aafe-9e994f42714a	<div></div> venous blood 5bed80d6-eb1b-4fb5-93cf-fb84cc149a27	<div></div> venous blood cd34de67-c526-40fb-aa45-62b2369a1b8a
<div></div> umbilical cord blood 4be19dac-925e-41ed-a10e-e655699d9860	<div></div> venous blood 5faf25b7-5b6a-4afc-97ea-2be45d35d279	<div></div> venous blood d1f4129b-e6ff-405f-b3b6-109916a68dc5






















PCA por harmonized tissue type automated experiments ChIP.Seq H3K9me3

harmonized tissue type automated experiments ChIP.Seq H3K9me3

- blood 1726d2d4-326e-4dc2-912a-ee3015ea75f
- blood 560a707c-11f9-456f-9667-23fa8be1b9b6
- blood 7f8e529d-cf30-4d19-82b7-6287d94d8e26
- blood 8f8990bc-bdfc-474d-b52f-20c0591d22d2
- blood 91e9ef78-52b0-44be-b463-2c4d06233b83
- blood ab339ba6-8e79-4160-a042-90f773410cae
- umbilical cord blood
- umbilical cord blood 1d49e429-7d54-40c1-a965-968c057abf12
- umbilical cord blood 409fce32-3c80-4968-819f-d774f10df209
- umbilical cord blood 859b49cb-ac61-48c4-a1ad-a49ca139de17
- umbilical cord blood f8b01218-a3f8-48dc-884c-14b62675daca
- umbilical cord blood imputed
- venous blood
- venous blood 153650ef-7ef6-43cd-b5dc-cf062deb8afd
- venous blood 24e1c000-860b-414c-8a5a-cb73e98c0c8a
- venous blood 531cd01db-d7ec-4377-be41-51b3cab349a9
- venous blood 6615446a-840c-42f3-8de3-7683d60a1480
- venous blood 6d2c1eb1-64cd-4b80-95ec-5404bd3906e9
- venous blood 916f86f3-bba4-4f2a-8dee-7255de7413cf
- venous blood 94ad3781-f8aa-4d56-830a-df16a910858c
- venous blood 9c54dc88-50cd-4207-80de-15a482501404
- venous blood a62efed1-28b1-4005-b980-2a01726331e7
- venous blood ad6f214b-6bc2-494d-ba70-0c0eed50632c
- venous blood b5d4a5b3-a118-48b7-a386-2e56f2330a88
- venous blood b96d5c84-a138-4fe2-8971-713e73270893
- venous blood imputed







PCA por harmonized tissue type automated experiments WGBS standard

harmonized tissue type automated experiments WGBS standard

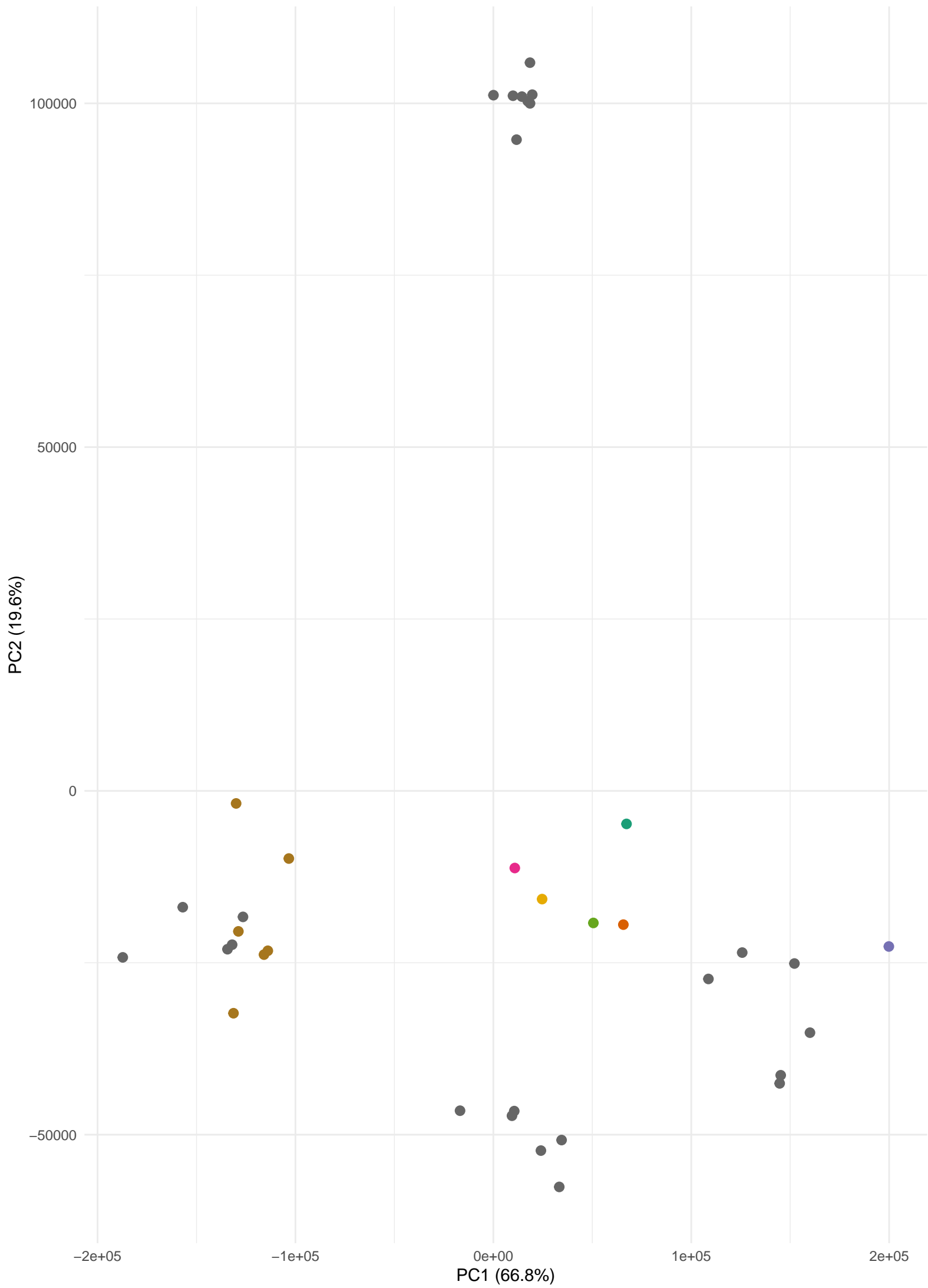
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|---|---|---|
|  blood imputed |  venous blood |  venous blood 772f8c24-349d-411e-89ee-365ee8b061d3 |
|  umbilical cord blood 42f5ce34-deb7-4ac0-b9e4-302f2814e3a0 |  venous blood 0cc882b9-8b8a-47a0-a3b9-c7e93a064919 |  venous blood 8e67dc03-9ec7-44ad-b29e-5f8ae6fd6378 |
|  umbilical cord blood 5268e353-f434-412e-8299-ac0cca9ebf82 |  venous blood 150f6503-c7ab-44fb-a903-ebf1b17b2625 |  venous blood ab7cb639-ecd3-42ac-8ad6-849b1c3925e0 |
|  umbilical cord blood 6bc6f0c2-79ba-4bae-bd7d-f0e99697d044 |  venous blood 182c7e63-941c-448e-9a84-d75fe1647c26 |  venous blood e1c8805b-c7d8-432c-a71f-ce99c408384e |
|  umbilical cord blood 8624b7b6-5098-4bc9-aba9-d1cd2aa655bd |  venous blood 4a59e98c-3e26-4804-b7ba-03988d438f13 |  venous blood fadda90c-701d-4d69-b4ae-9a9af8d0c915 |
|  umbilical cord blood a713bee9-910c-48a7-80c9-37560c997dae |  venous blood 5c4e62a5-7f52-4d66-a91f-b23c7611212e |  venous blood fe8c5f2b-ecd9-4169-ba89-b52097de9963 |
|  umbilical cord blood cd60d225-f45f-4d16-98f2-5d3ec24845a6 |  venous blood 73f81a47-8c88-47c5-8e6c-3a5578301c24 |  venous blood imputed |

PCA por harmonized tissue type automated experiments WGBS PBAT









harmonized tissue type automated experiments WGBS PBAT

- | | | | | | |
|---|--|---|--|---|----------------------|
|  | blood 40683367-35f6-4afc-83c3-b9c80ec7f87d |  | blood c3c448a4-34ed-4a9a-b6a0-cd956b489c71 |  | umbilical cord blood |
|  | blood 69900762-439d-4985-8f18-99e8343e0a36 |  | blood c8e6b7a9-260b-4b8e-ae2c-7b27e75512f2 |  | venous blood |
|  | blood 89154913-658e-46d8-be8d-81961eb89c07 |  | blood f76edb4e-8305-4b55-b0bf-94b537e504c5 | | |

PCA por harmonized tissue type automated experiments RNA.Seq mRNA.Seq








harmonized tissue type automated experiments RNA.Seq mRNA.Seq




	blood 42711739-180f-473c-8ff7-14a795560fcd		blood c56a86f7-91a0-4989-a8ca-04a3ac0b0bbe		umbilical cord blood
	blood 8c45a968-d8b5-4166-93c0-63be9d96dfff		blood d0b71437-bc21-4f38-bc23-358cf545987c		venous blood
	blood a7c5b6e6-b037-436d-8a86-f4cf9b7471c1		blood d4a24721-dc66-4056-a9eb-693beae9b598		

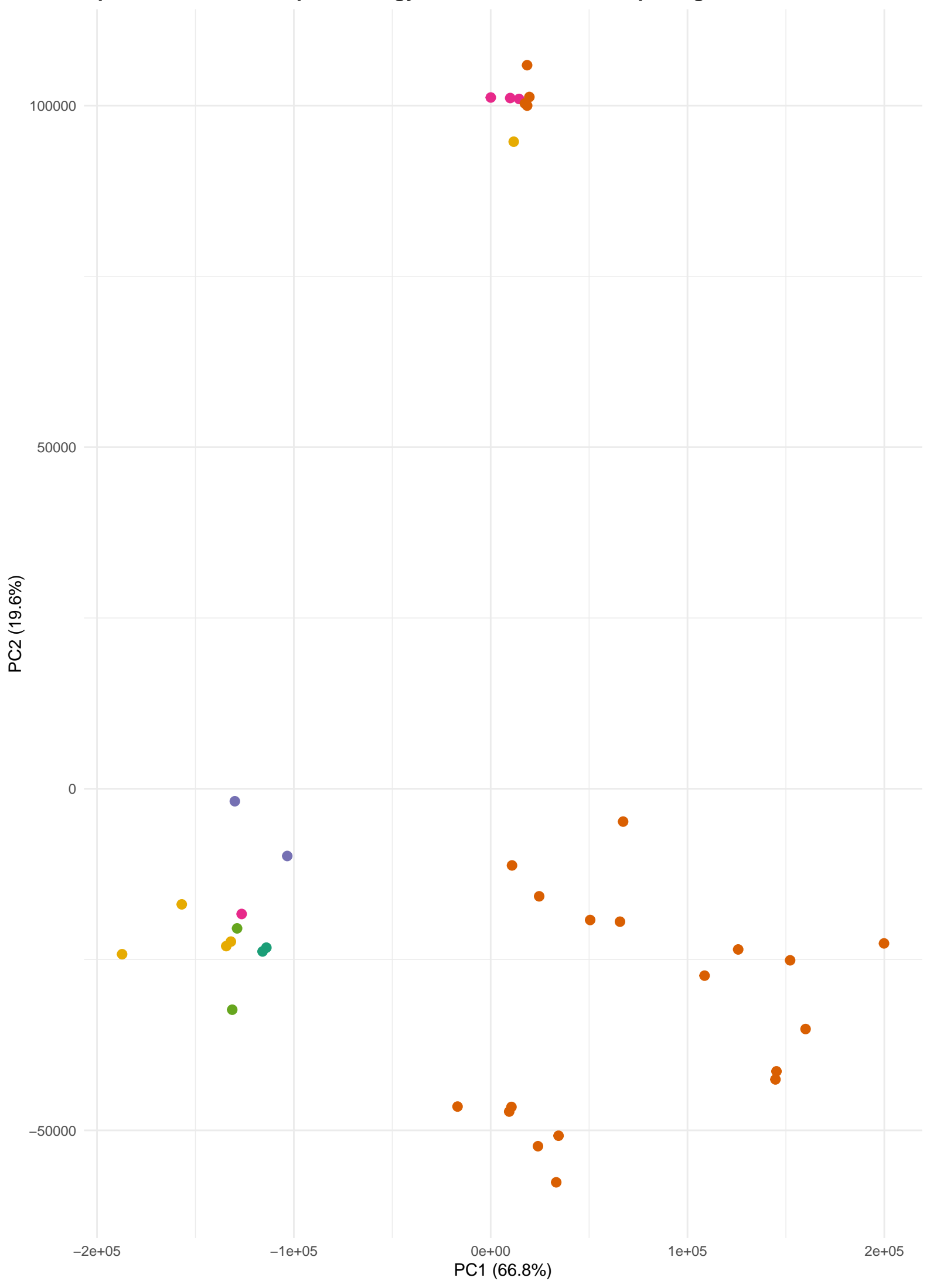
PCA por harmonized sample ontology curie harmonized cell markers

harmonized sample ontology curie harmonized cell markers

-  CL:0000235
-  CL:0000235 CD3- CD19- CD56-
-  CL:0000890 CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+
-  CL:0000235 CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+
-  CL:0000863 CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+

PCA por harmonized sample ontology curie automated harmonized sample ontology term

harmonized sample ontology curie automated harmonized sample ontology term  CL:0000235 macrophage  CL:0000863 inflammatory macrophage  CL:0000890 alternatively activated macrophage



harmonized sample ontology curie harmonized sample organ order AnetaMikulasova



CL:0000235 blood-umbilical-cord



CL:0000863 blood-umbilical-cord



CL:0000890 blood-umbilical-cord



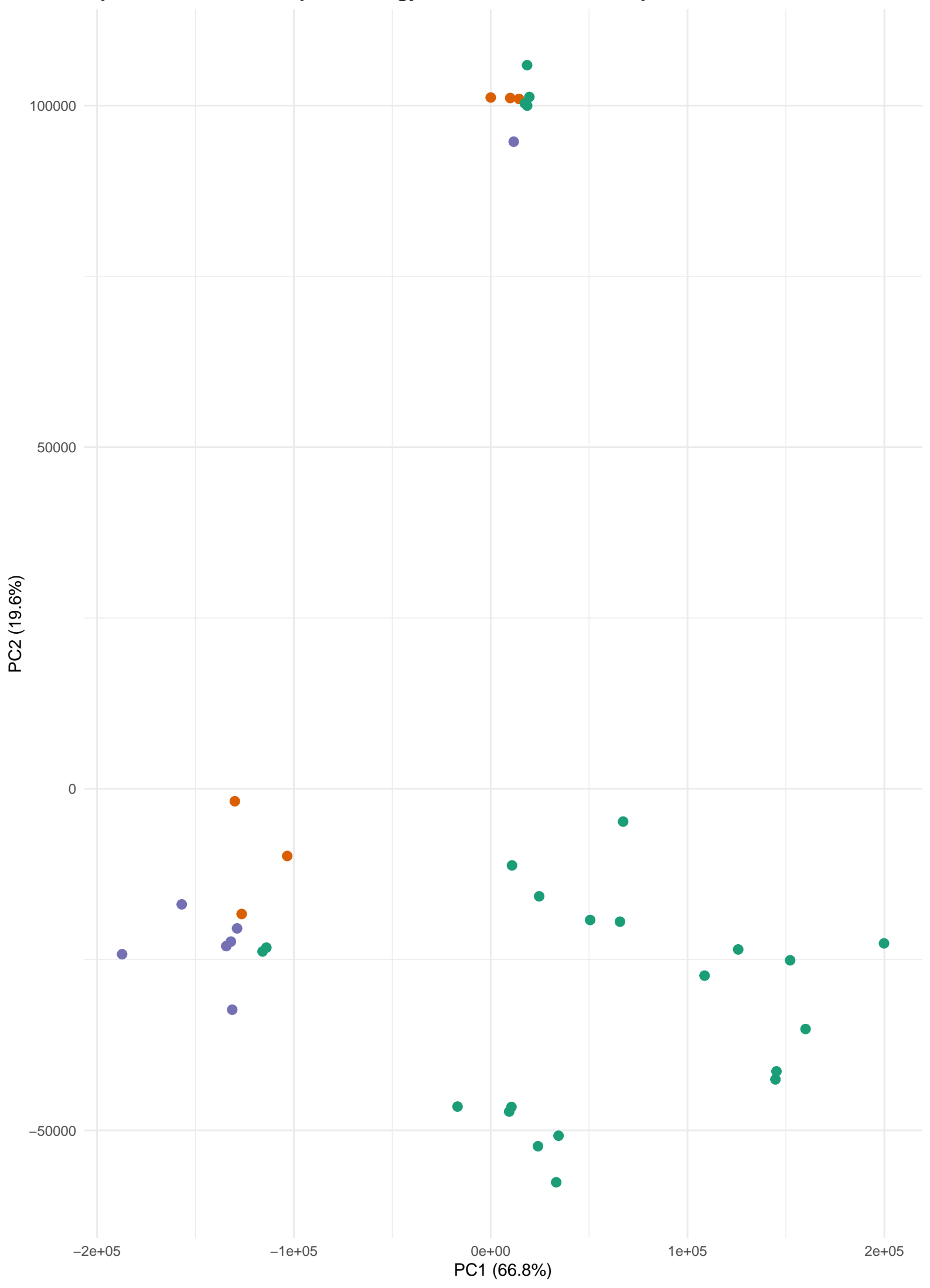
CL:0000235 blood-venous



CL:0000863 blood-venous

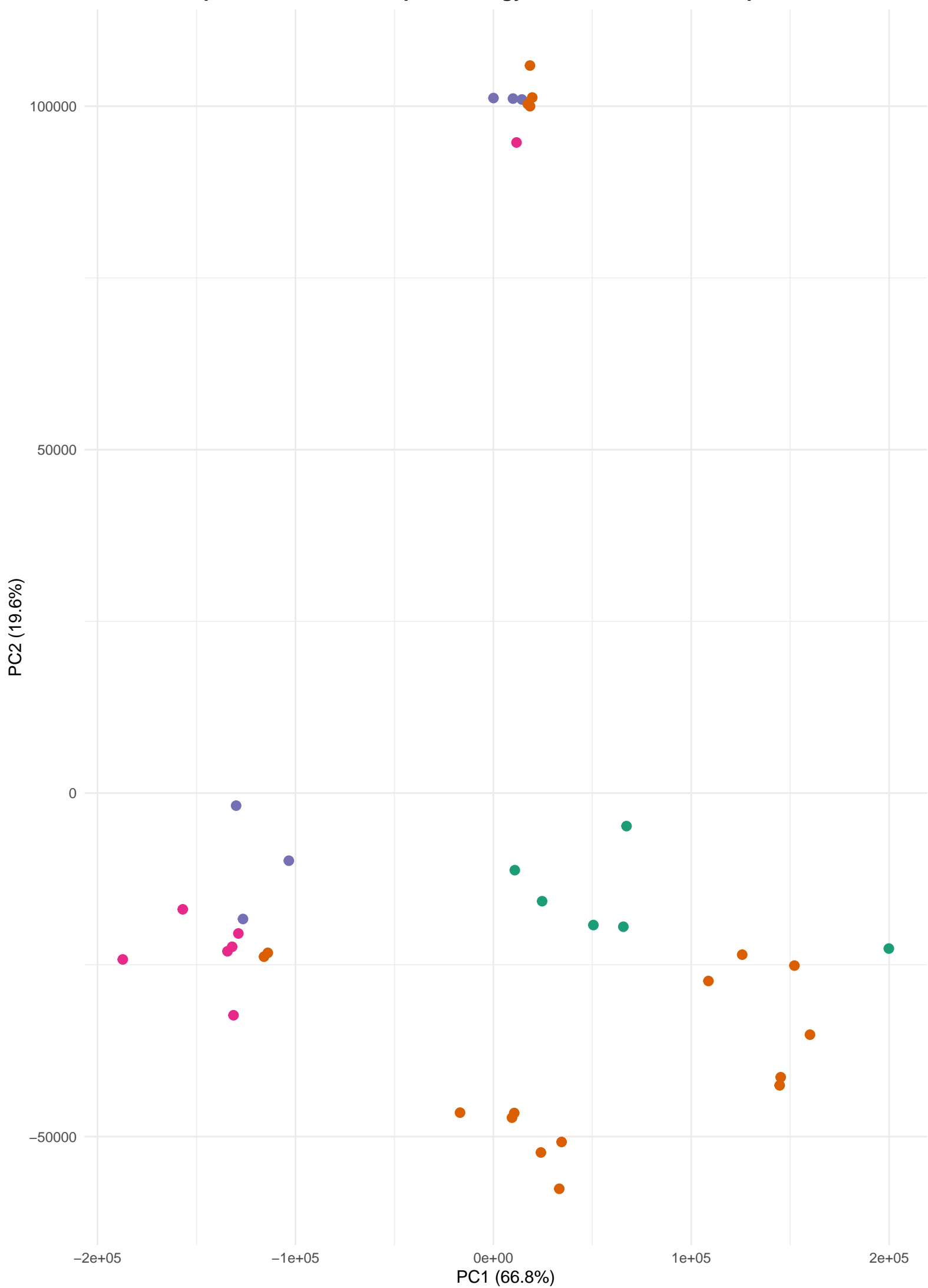


CL:0000890 blood-venous



harmonized sample ontology curie harmonized sample cell 2 order AnetaMikulasova  CL:0000235 x  CL:0000863 inflammatory  CL:0000890 alternatively-activated

PCA por harmonized sample ontology curie harmonized sample disease



harmonized sample ontology curie harmonized sample disease

CL:0000235	CL:0000863 None
CL:0000235 None	CL:0000890 None

PCA por harmonized sample ontology curie harmonized sample disease ontology curie

harmonized sample ontology curie harmonized sample disease ontology curie



CL:0000235



CL:0000863 NCIM:C0549184

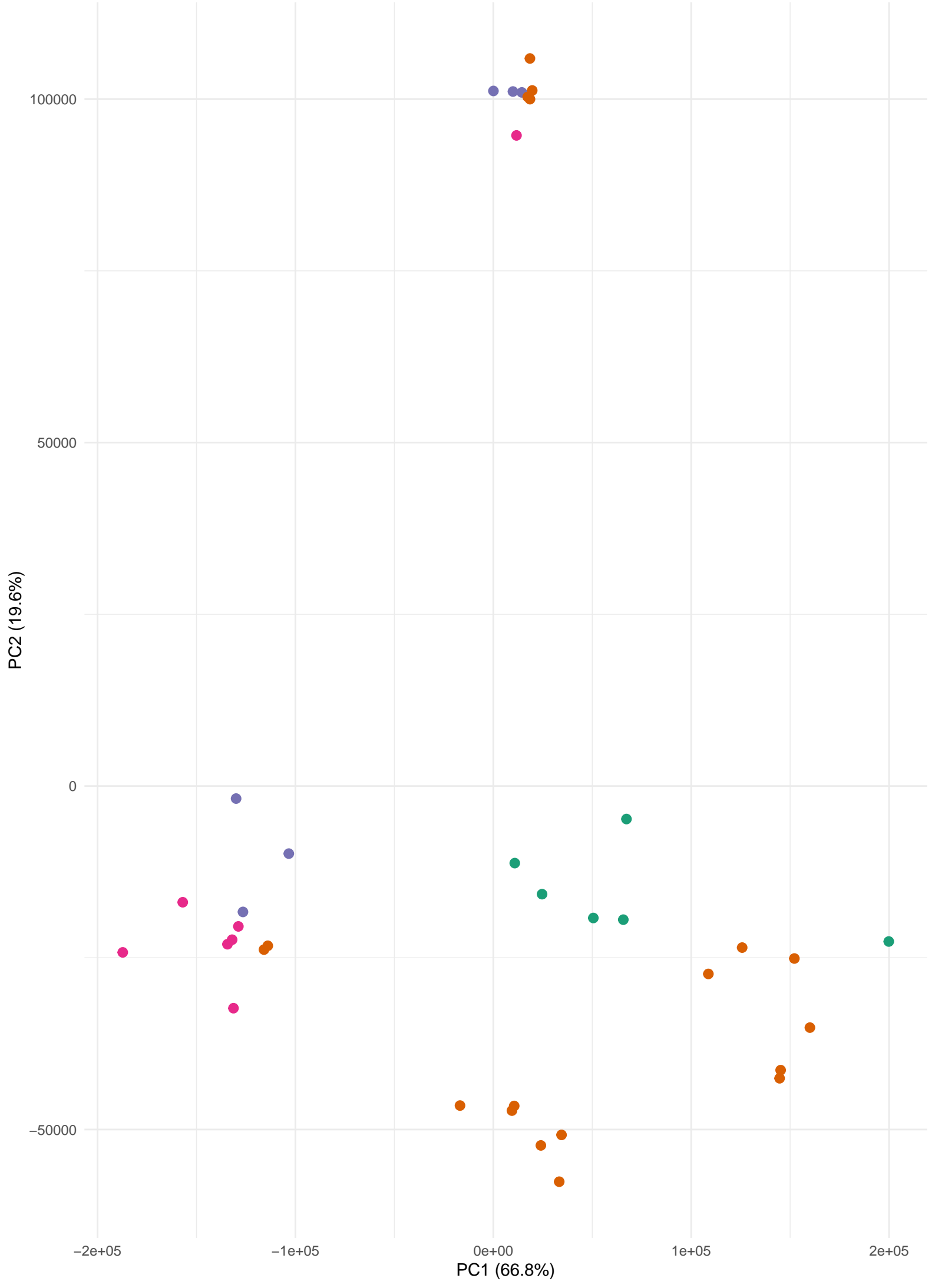


CL:0000235 NCIM:C0549184



CL:0000890 NCIM:C0549184

PCA por harmonized sample ontology curie automated harmonized sample disease ontology cu



harmonized sample ontology curie automated harmonized sample disease ontology curie ncit



CL:0000235

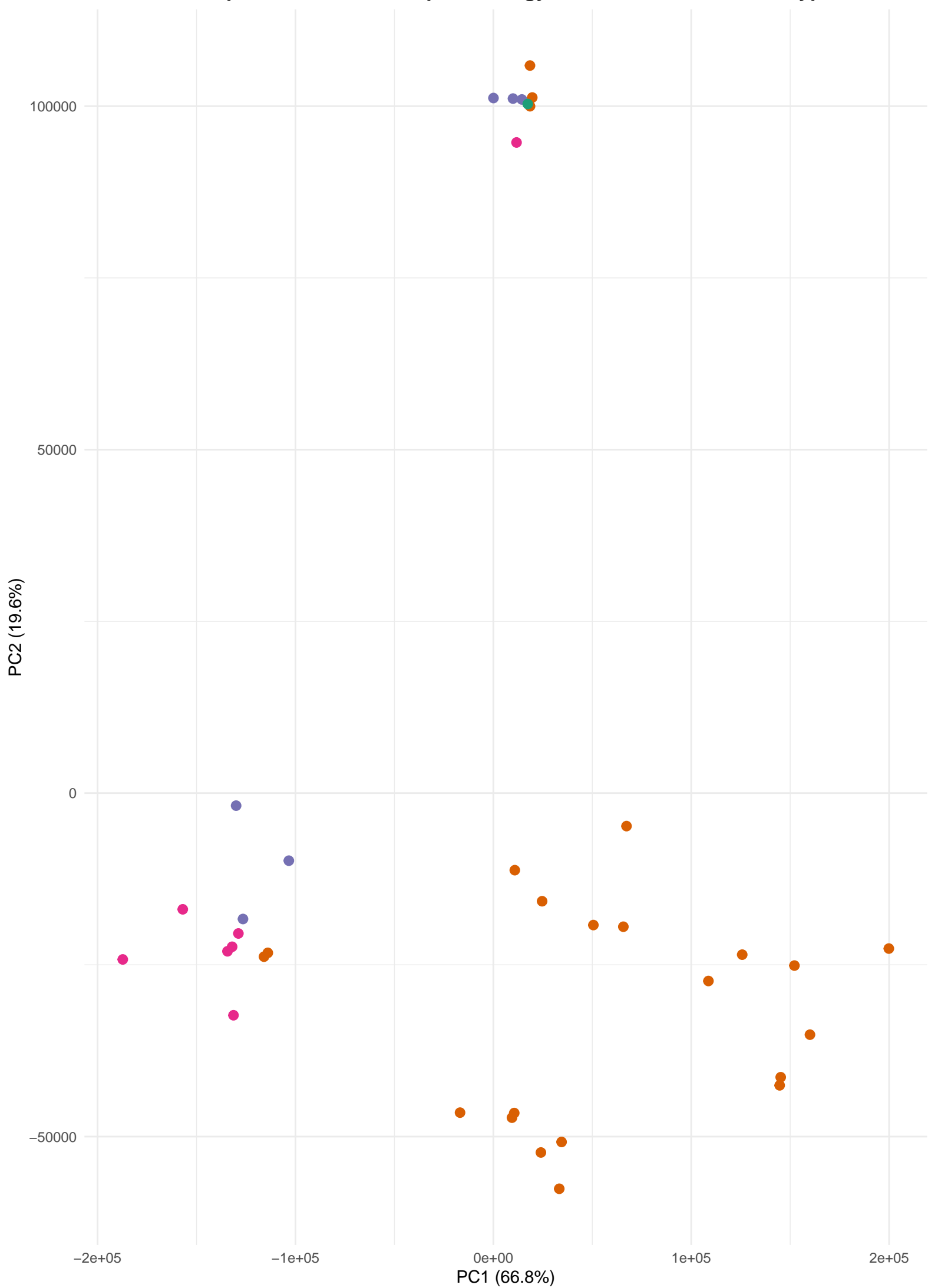
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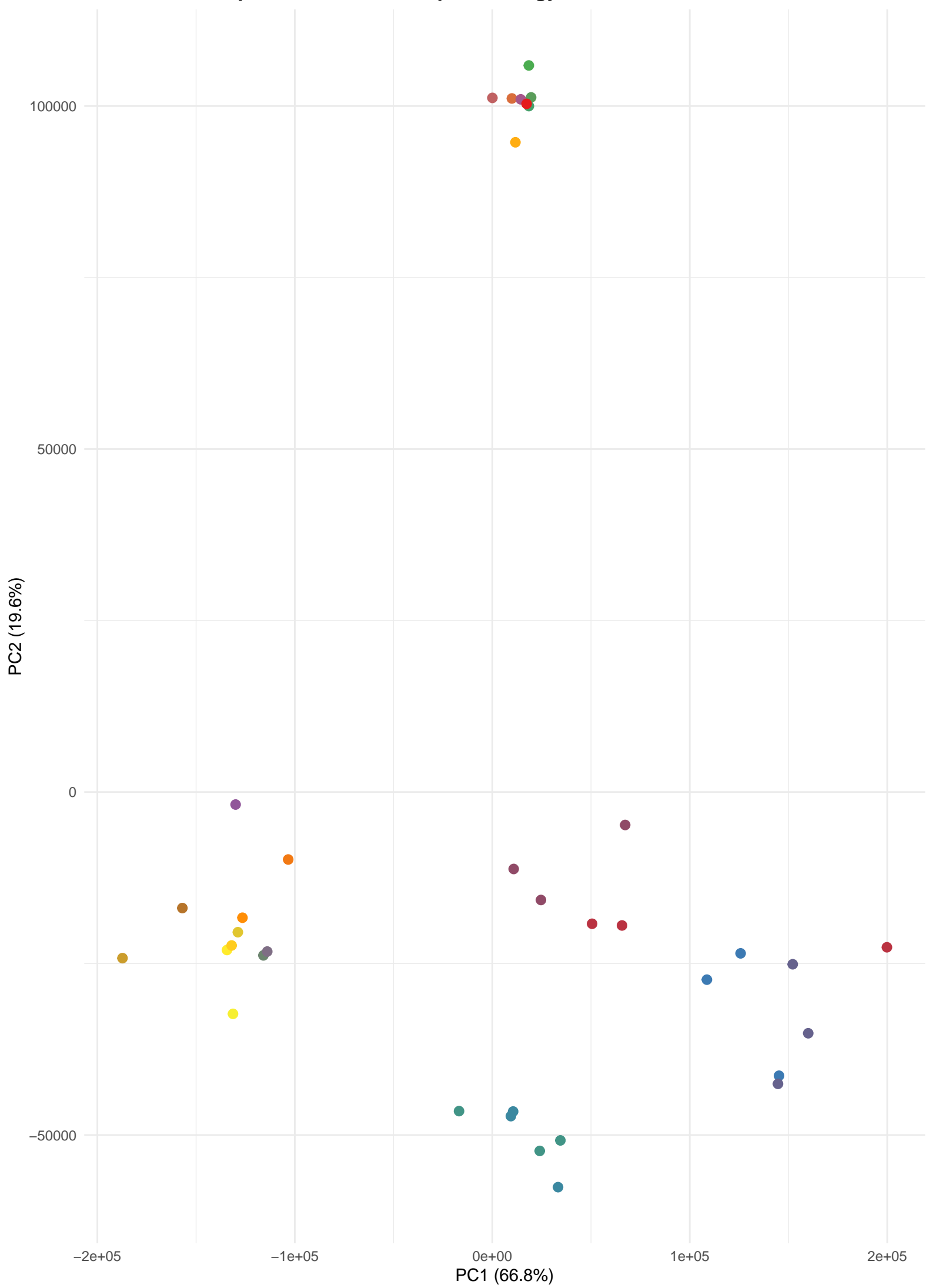
PCA por harmonized sample ontology curie harmonized donor type





harmonized sample ontology curie harmonized donor type

CL:0000235 Composite	CL:0000863 Single donor
CL:0000235 Single donor	CL:0000890 Single donor

PCA por harmonized sample ontology curie harmonized donor id



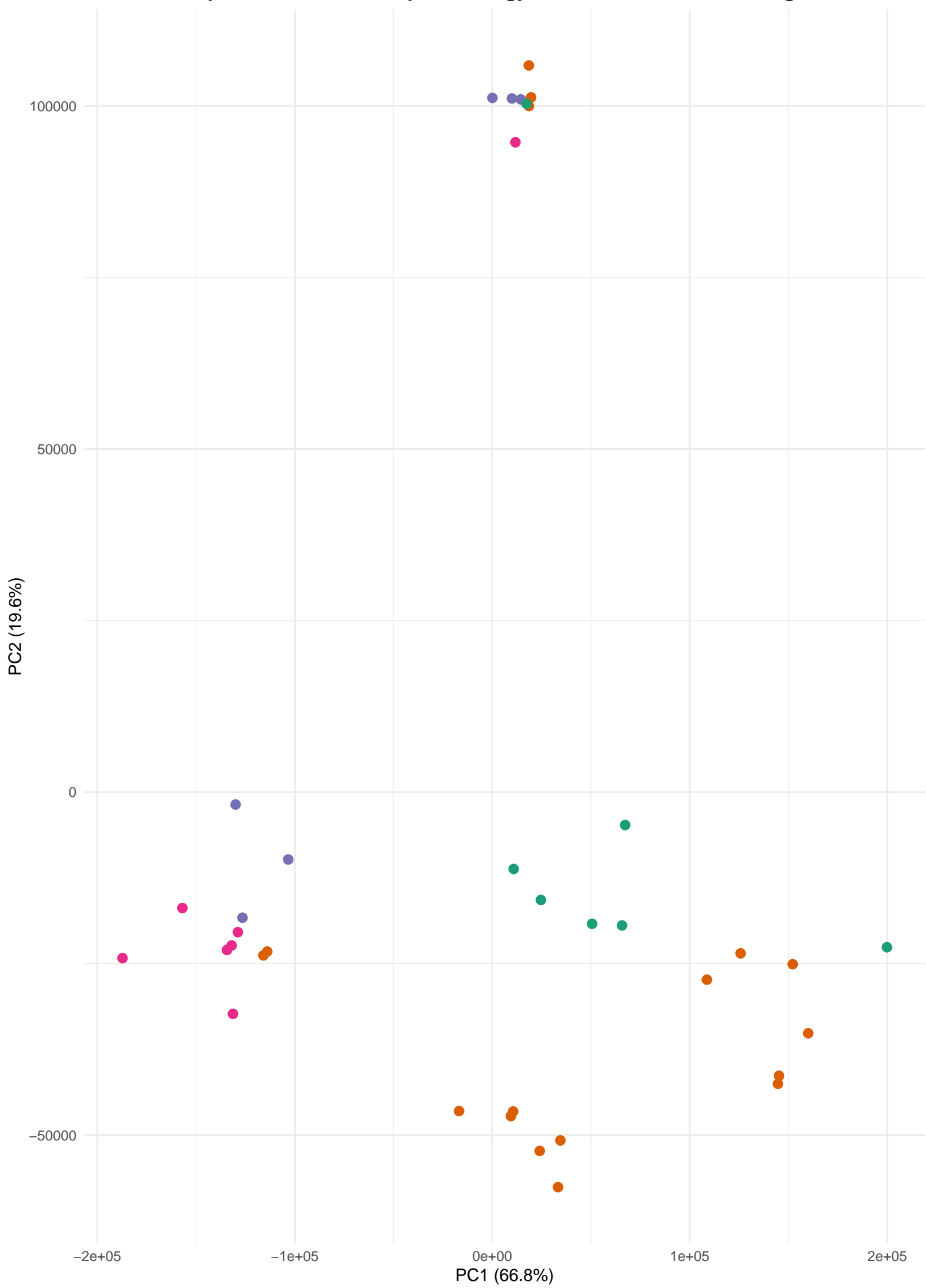
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		CL:0000235 43_Hm03		CL:0000235 S00BHQ		CL:0000890 S006VI
		CL:0000235 43_Hm05		CL:0000235 S00DVR		CL:0000890 S00BS4
		CL:0000235 N00031318490130		CL:0000863 S0018A		CL:0000890 S00C1H
harmonized sample ontology curie		CL:0000235 N00031319896021		CL:0000863 S001MJ		CL:0000890 S00E8W
harmonized donor id		CL:0000235 N00031406634921		CL:0000863 S001S7		CL:0000890 S00FTN
		CL:0000235 N00031406635321		CL:0000863 S0022I		CL:0000890 S00J8C
		CL:0000235 S001S7		CL:0000863 S007SK		
		CL:0000235 S0022I		CL:0000863 S00H6O		

PCA por harmonized sample ontology curie harmonized donor age

harmonized sample ontology curie harmonized donor age

- | | | |
|------------------|--------------------|------------------|
| CL:0000235 0-5 | CL:0000235 unknown | CL:0000890 25-30 |
| CL:0000235 30-35 | CL:0000863 0-5 | CL:0000890 50-55 |
| CL:0000235 40-45 | CL:0000863 40-45 | CL:0000890 65-70 |
| CL:0000235 45-50 | CL:0000863 50-55 | CL:0000890 70-75 |
| CL:0000235 50-55 | CL:0000863 55-60 | |
| CL:0000235 55-60 | CL:0000890 0-5 | |

PCA por harmonized sample ontology curie harmonized donor age unit



harmonized sample ontology curie harmonized donor age unit



CL:0000235 unknown



CL:0000863 year

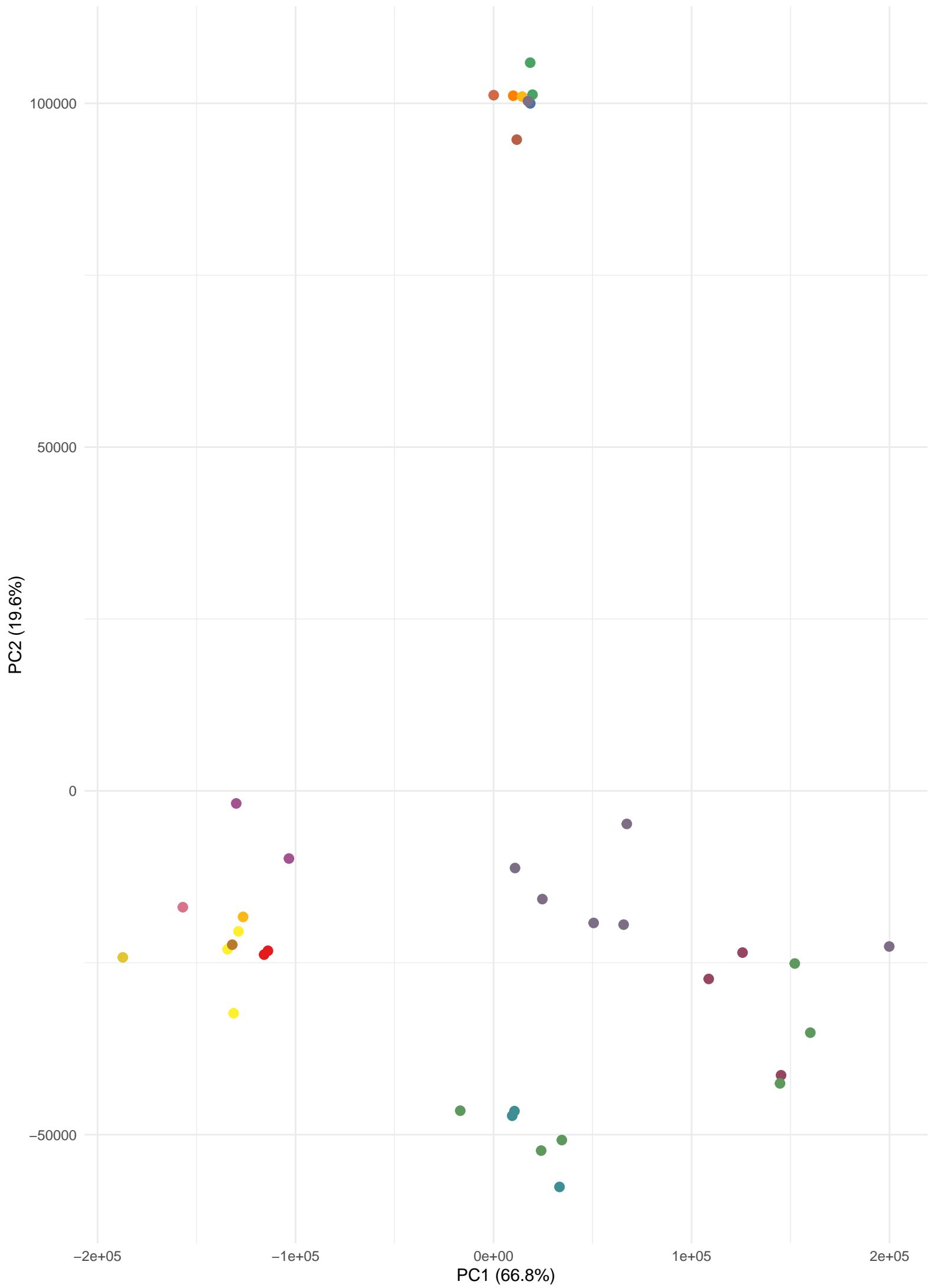


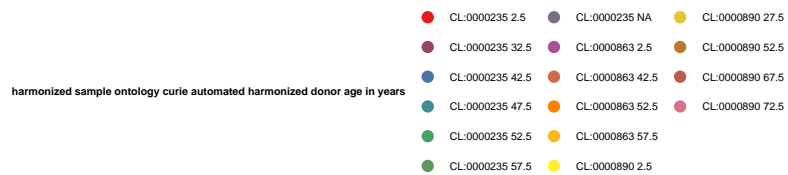
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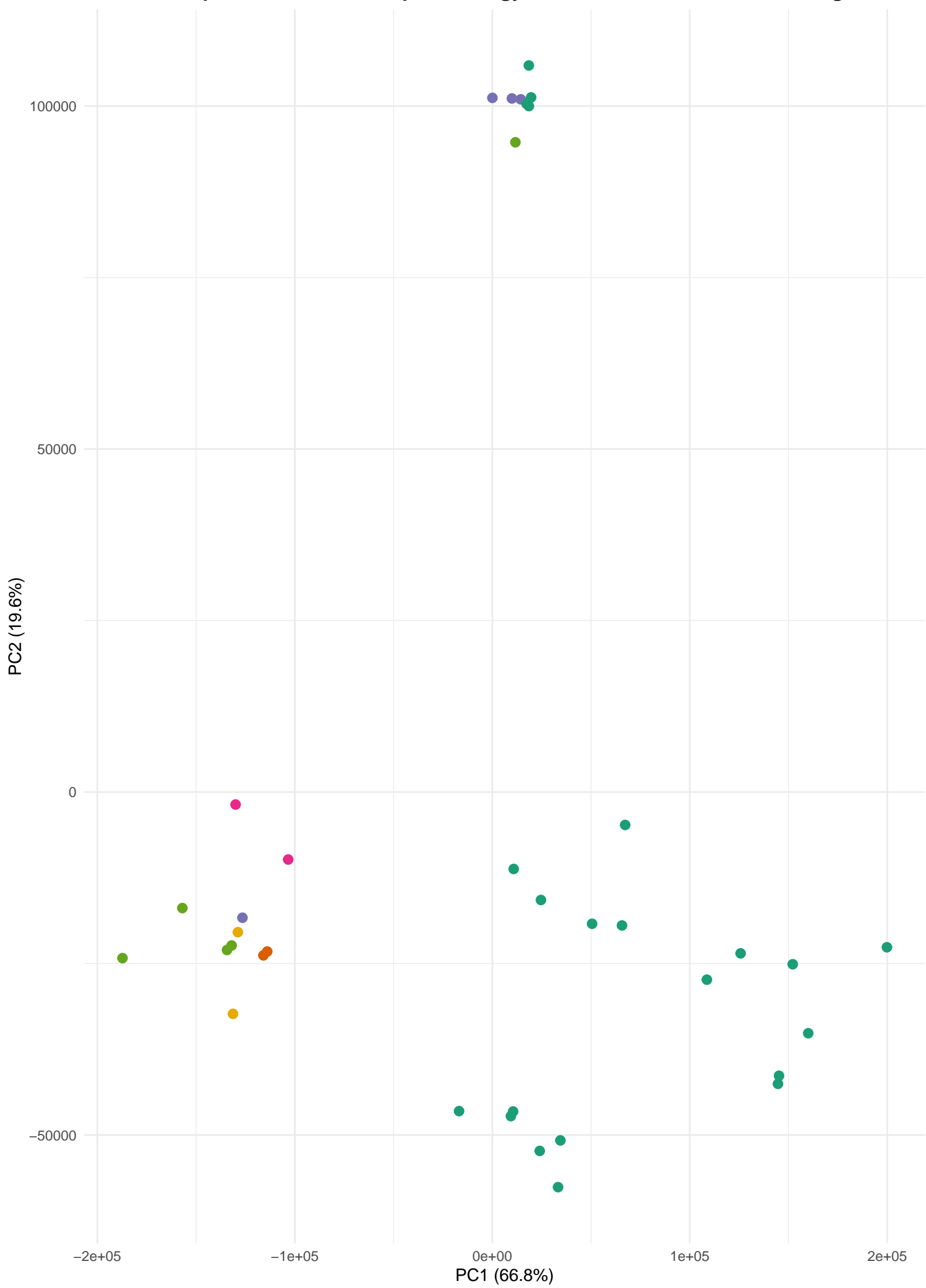
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PCA por harmonized sample ontology curie automated harmonized donor age in years











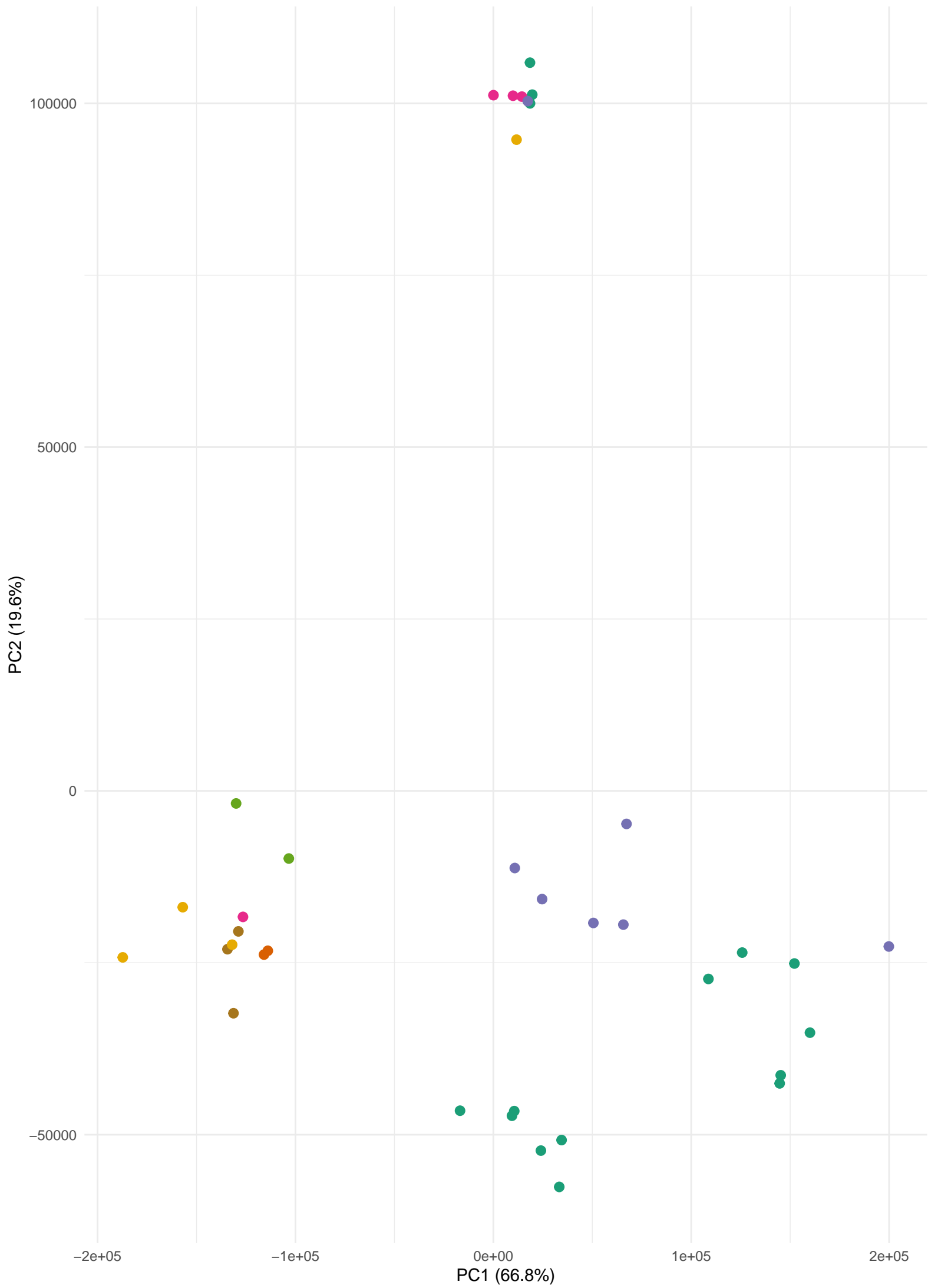
PCA por harmonized sample ontology curie harmonized donor life stage



harmonized sample ontology curie harmonized donor life stage

- | | | | | | |
|---|------------------|---|------------------|---|------------------|
|  | CL:0000235 adult |  | CL:0000863 adult |  | CL:0000890 adult |
|  | CL:0000235 child |  | CL:0000863 child |  | CL:0000890 child |

PCA por harmonized sample ontology curie harmonized donor life stage uncorrected



harmonized sample ontology curie harmonized donor life stage uncorrected

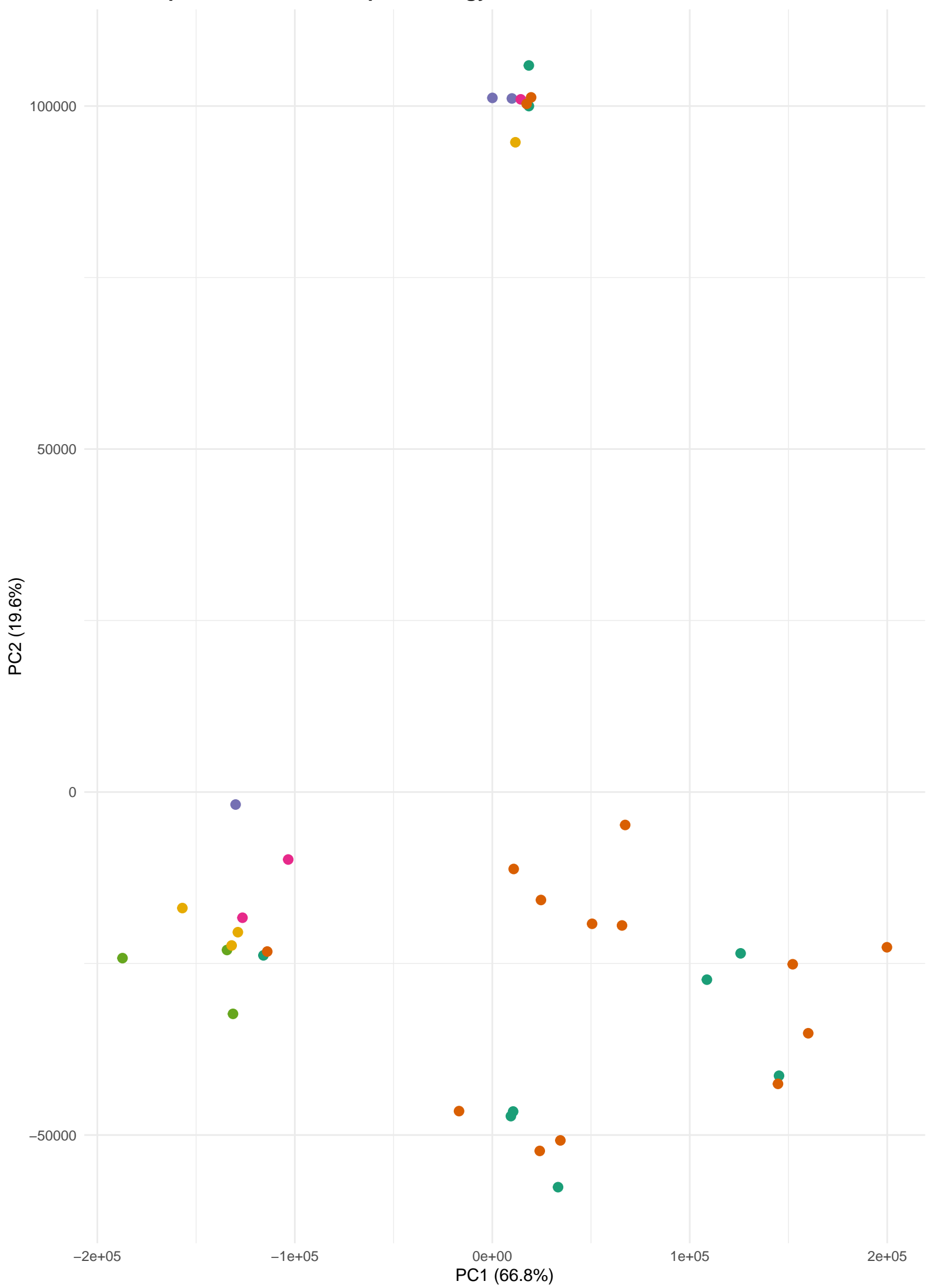
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CL:0000235 child	CL:0000863 child	
CL:0000235 unknown	CL:0000890 adult	

PCA por harmonized sample ontology curie harmonized donor sex

harmonized sample ontology curie harmonized donor sex

CL:0000235 female	CL:0000863 female	CL:0000890 female
CL:0000235 male	CL:0000863 male	CL:0000890 male

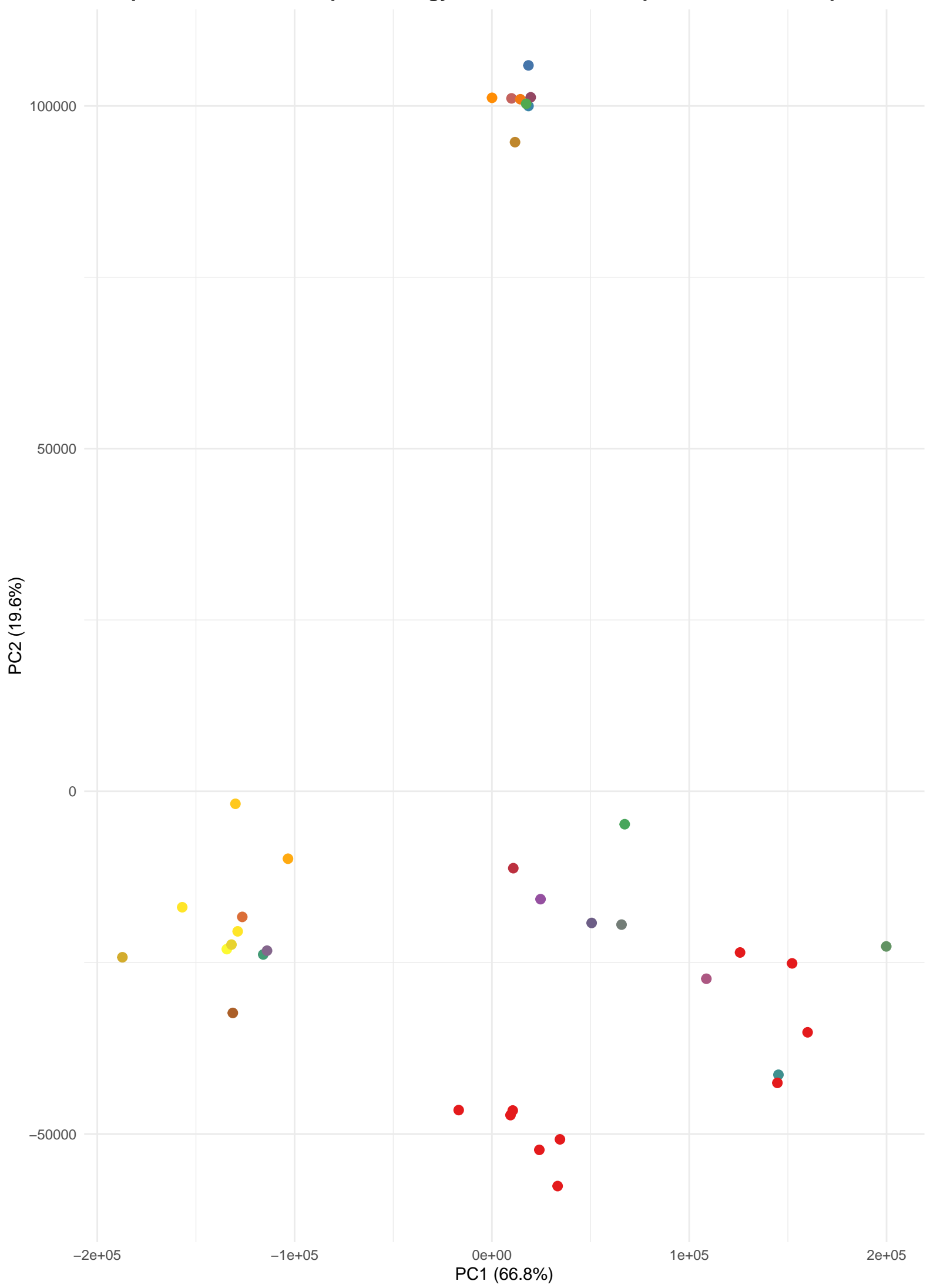
PCA por harmonized sample ontology curie harmonized donor sex uncorrected



harmonized sample ontology curie harmonized donor sex uncorrected

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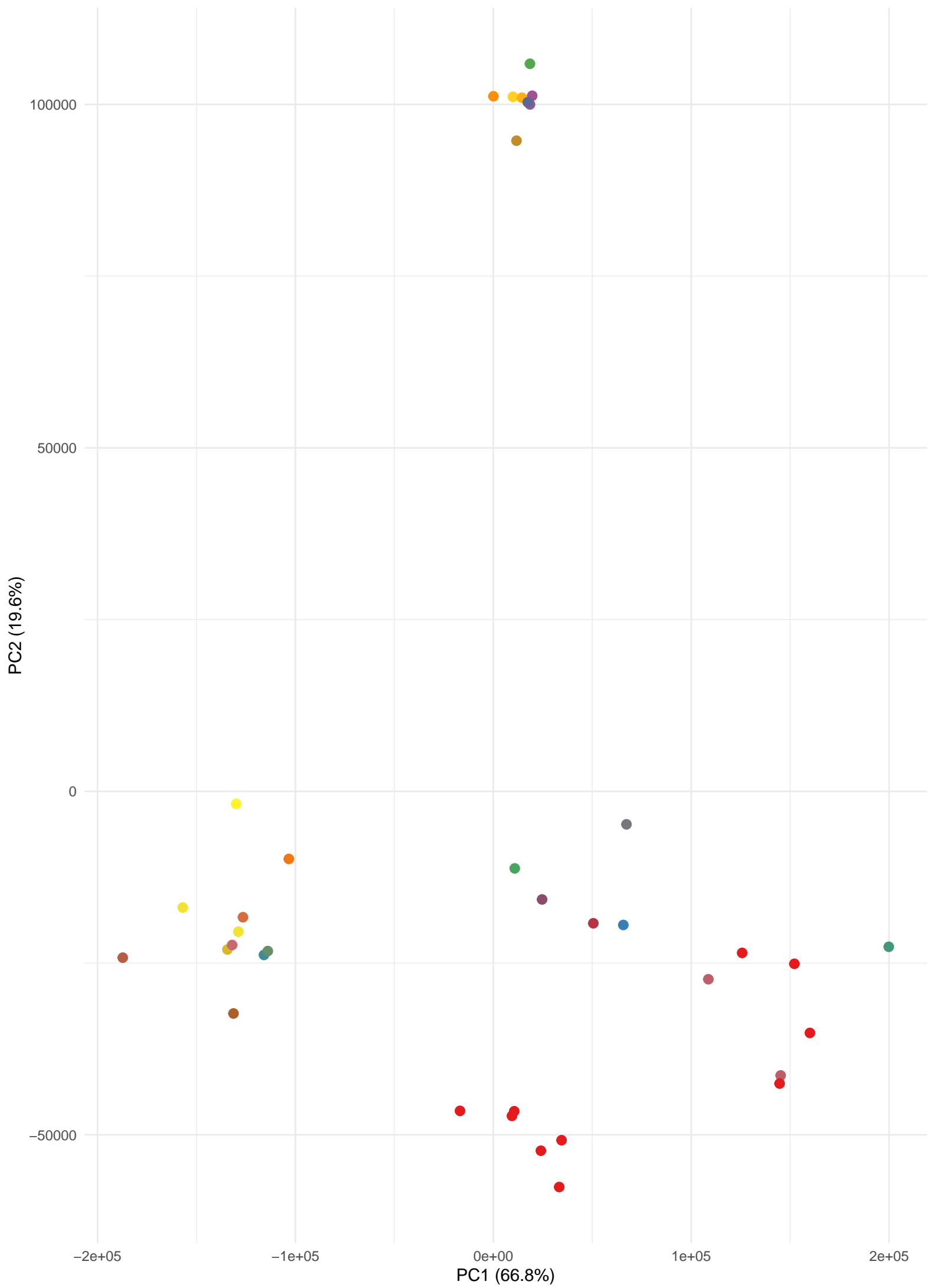
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harmonized sample ontology curie automated experiments ChIP.Seq H3K27ac

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PCA por harmonized sample ontology curie automated experiments ChIP.Seq H3K27me3



harmonized sample ontology curie automated experiments ChIP.Seq H3K27me3

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PCA por harmonized sample ontology curie automated experiments ChIP.Seq H3K36me3

harmonized sample ontology curie automated experiments ChIP.Seq H3K36me3

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harmonized sample ontology curie automated experiments ChIP.Seq H3K4me1

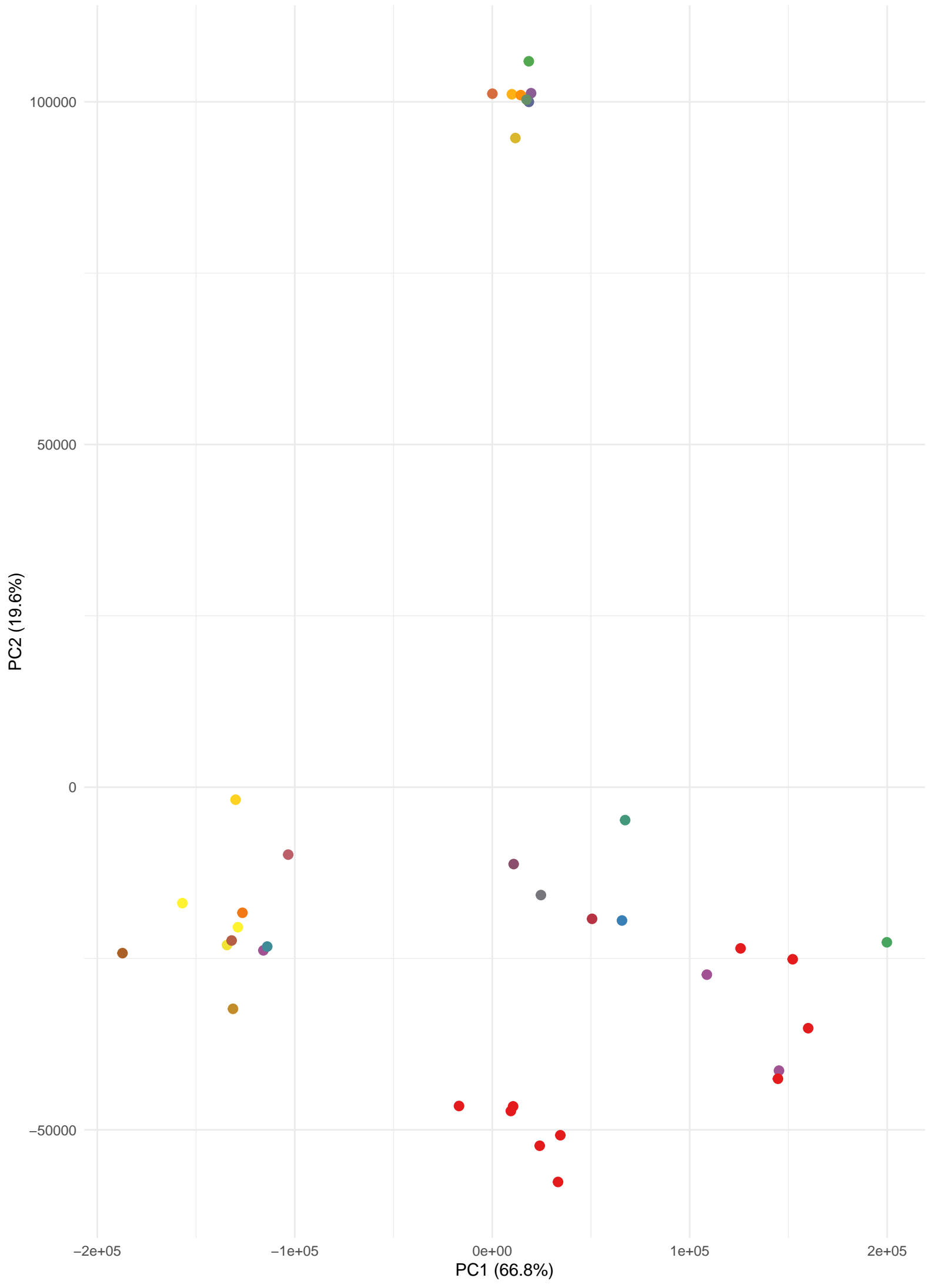
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PCA por harmonized sample ontology curie automated experiments ChIP.Seq H3K4me3

harmonized sample ontology curie automated experiments ChIP.Seq H3K4me3

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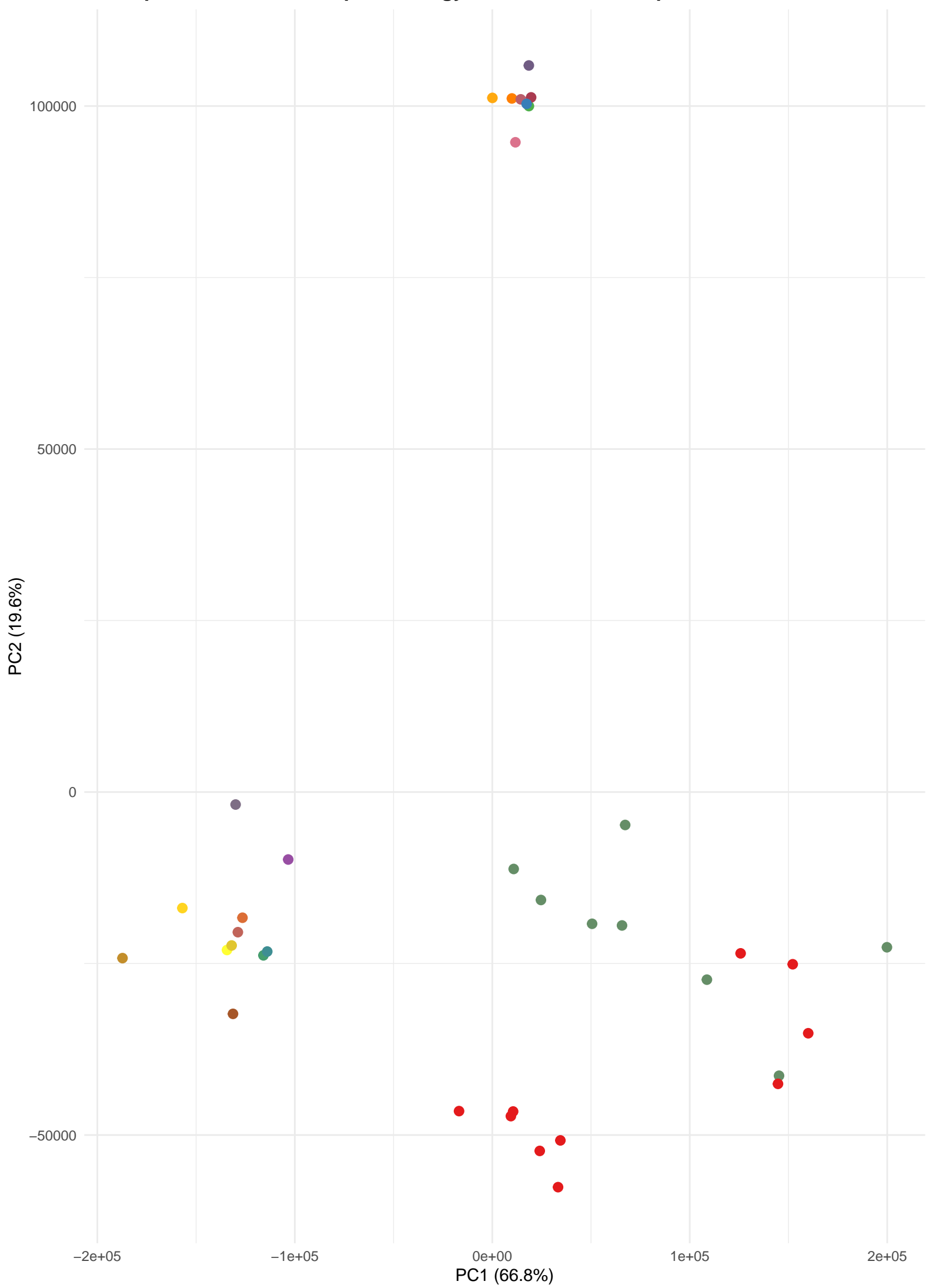
PCA por harmonized sample ontology curie automated experiments ChIP.Seq H3K9me3
























harmonized sample ontology curie automated experiments ChIP.Seq H3K9me3

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PCA por harmonized sample ontology curie automated experiments WGBS standard












harmonized sample ontology curie automated experiments WGBS standard

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PCA por harmonized sample ontology curie automated experiments WGBS PBAT

harmonized sample ontology curie automated experiments WGBS PBAT

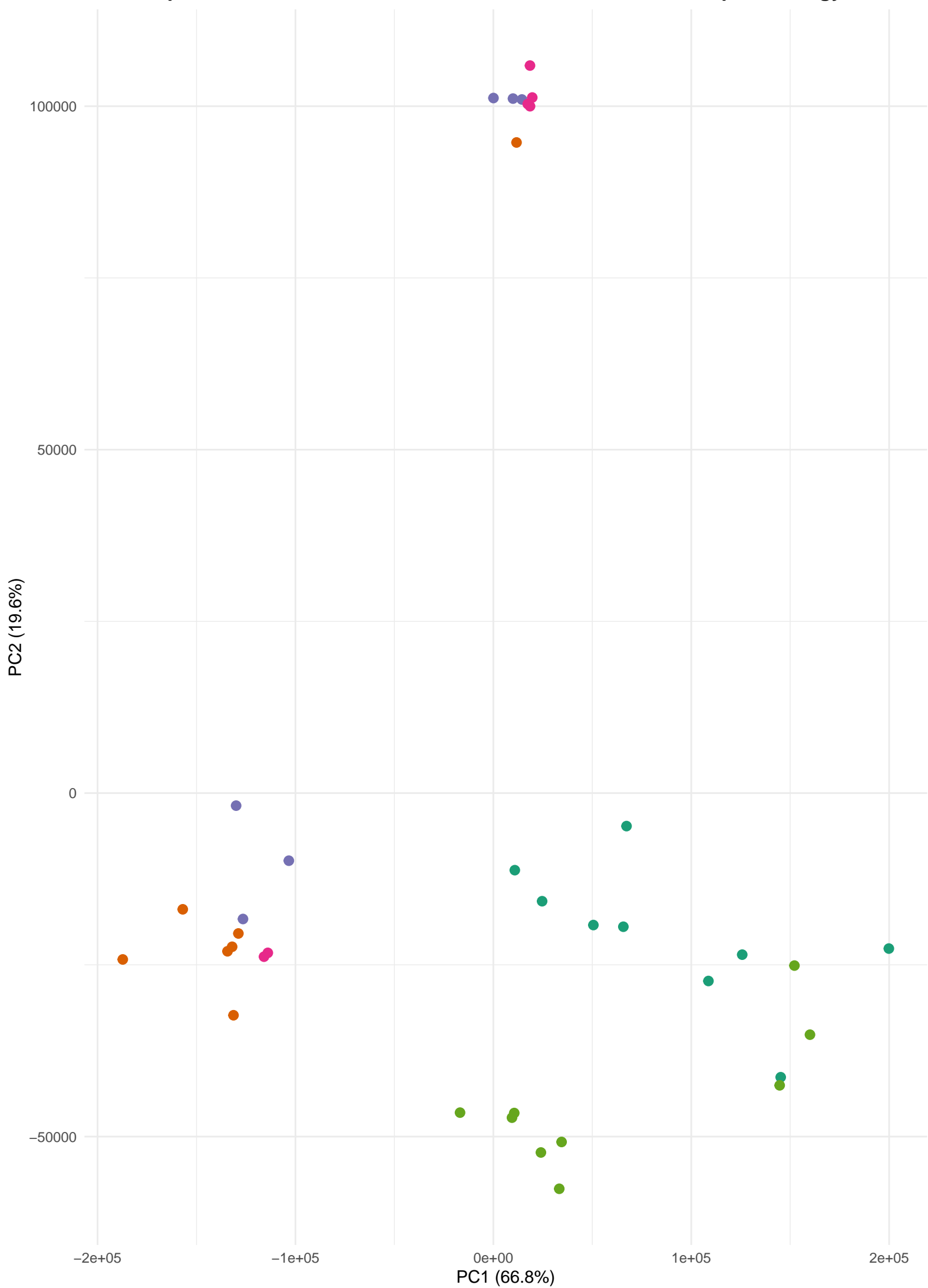
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PCA por harmonized sample ontology curie automated experiments RNA.Seq mRNA.Seq

harmonized sample ontology curie automated experiments RNA.Seq mRNA.Seq

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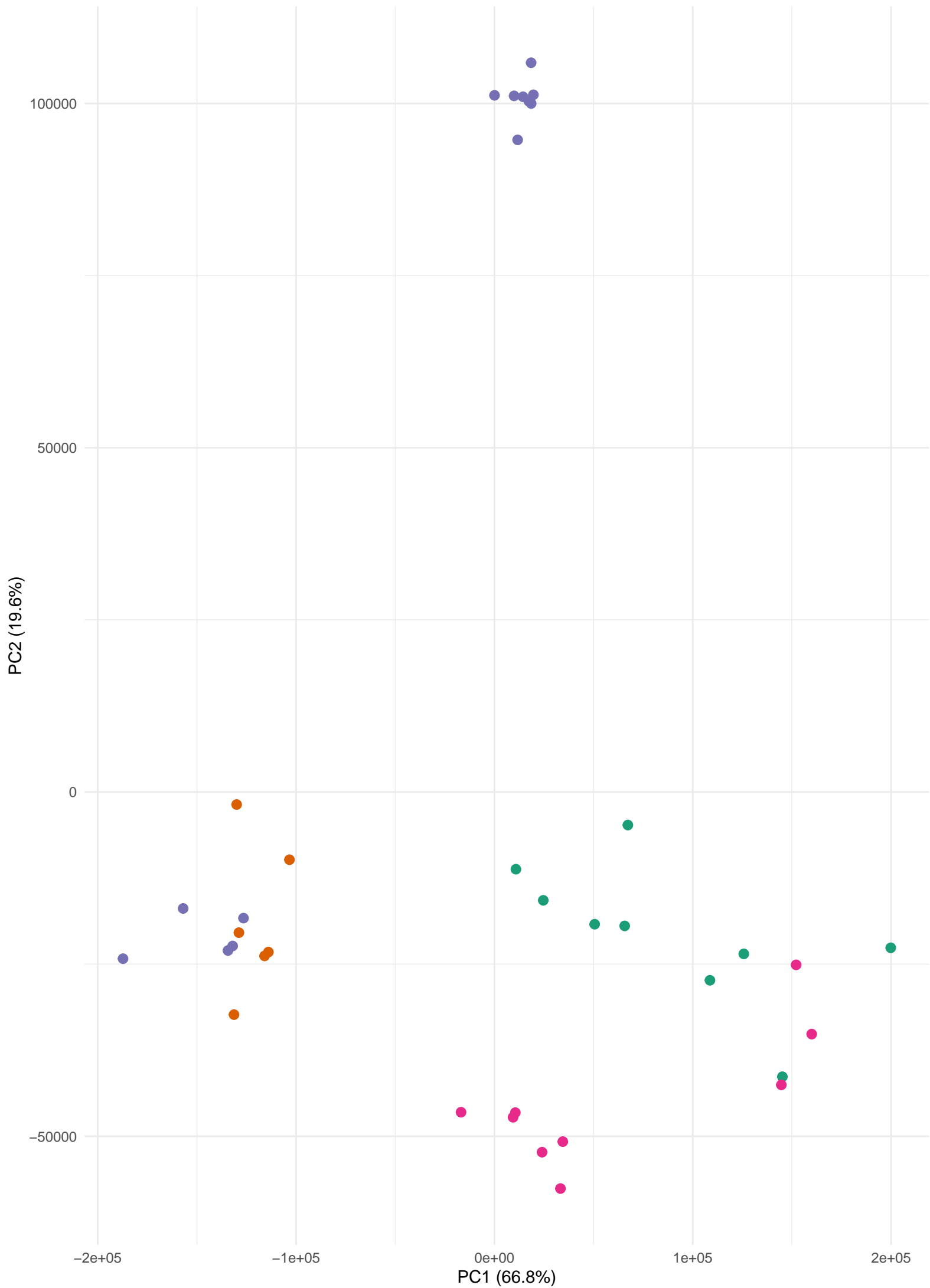
PCA por harmonized cell markers automated harmonized sample ontology term



harmonized cell markers automated harmonized sample ontology term

- macrophage
- CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ inflammatory macrophage
- CD3- CD19- CD56- macrophage
- CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ alternatively activated macrophage
- CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ macrophage

PCA por harmonized cell markers harmonized sample organ order AnetaMikulasova



harmonized cell markers harmonized sample organ order AnetaMikulasova



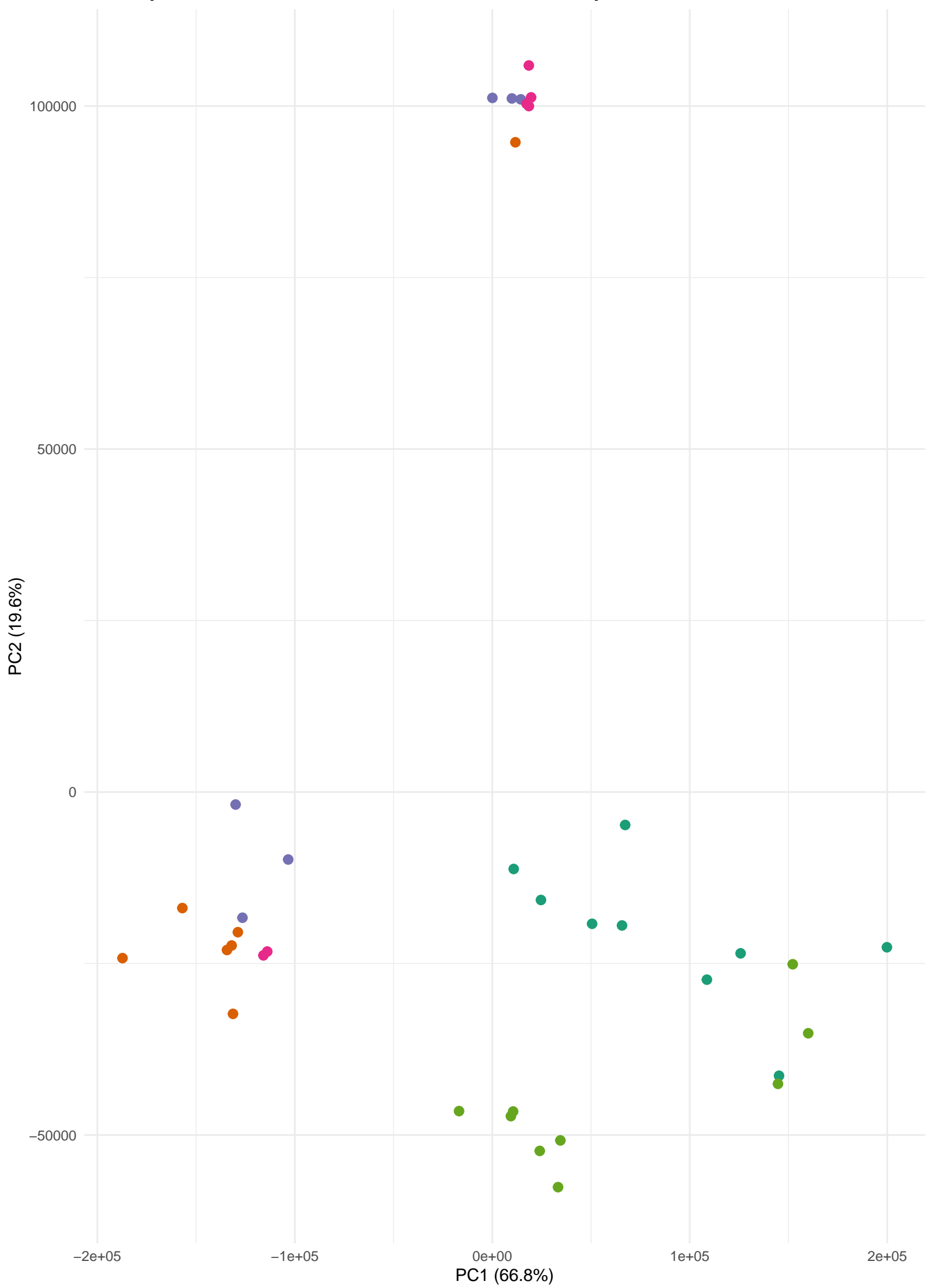
blood-venous

CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ blood-umbilical-cord






CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ blood-venous

CD3- CD19- CD56- blood-venous

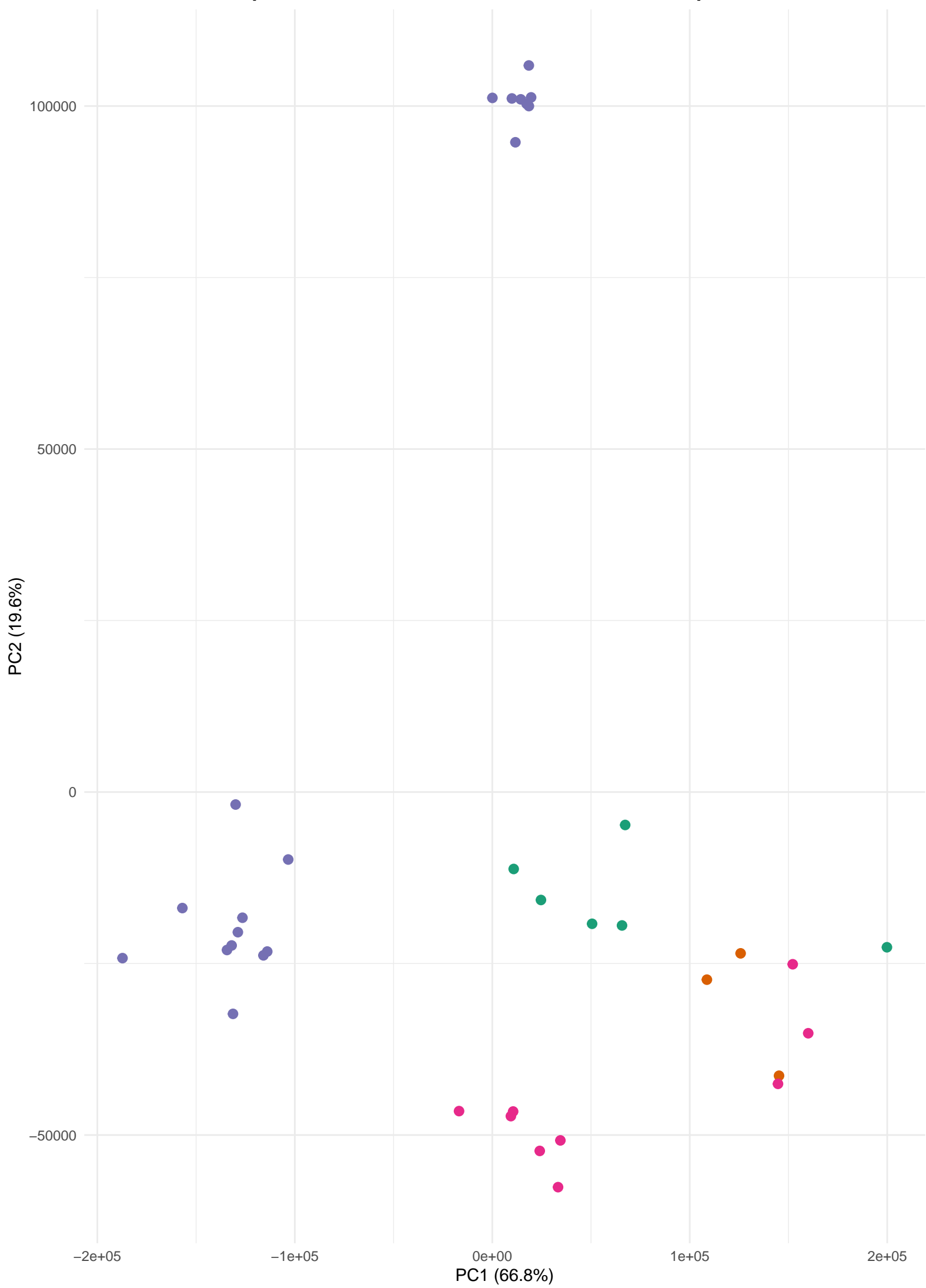
PCA por harmonized cell markers harmonized sample cell 2 order AnetaMikulasova



harmonized cell markers harmonized sample cell 2 order AnetaMikulasova

	x		CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ inflammatory		CD3- CD19- CD56- x
	CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ alternatively-activated		CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ x		

PCA por harmonized cell markers harmonized sample disease



harmonized cell markers harmonized sample disease



CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ None

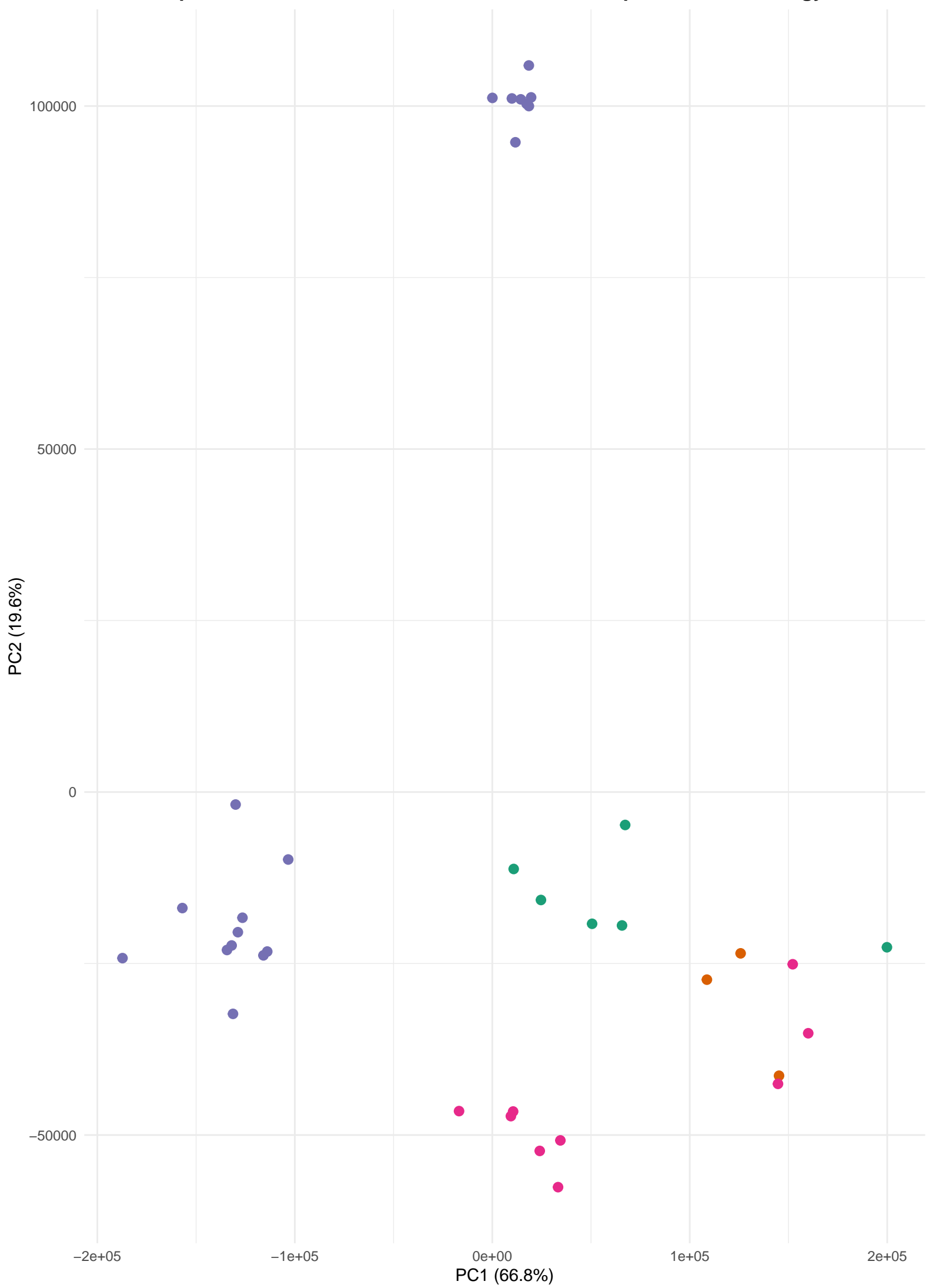


None



CD3- CD19- CD56- None

PCA por harmonized cell markers harmonized sample disease ontology curie



harmonized cell markers harmonized sample disease ontology curie

CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ NCIM:C0549184

NCIM:C0549184 CD3- CD19- CD56- NCIM:C0549184

PCA por harmonized cell markers automated harmonized sample disease ontology curie n

harmonized cell markers automated harmonized sample disease ontology curie ncit

● CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ NCIT:C41132

● NCIT:C41132 ● CD3- CD19- CD56- NCIT:C41132

PCA por harmonized cell markers harmonized donor type

harmonized cell markers harmonized donor type



Single donor



CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ Single donor

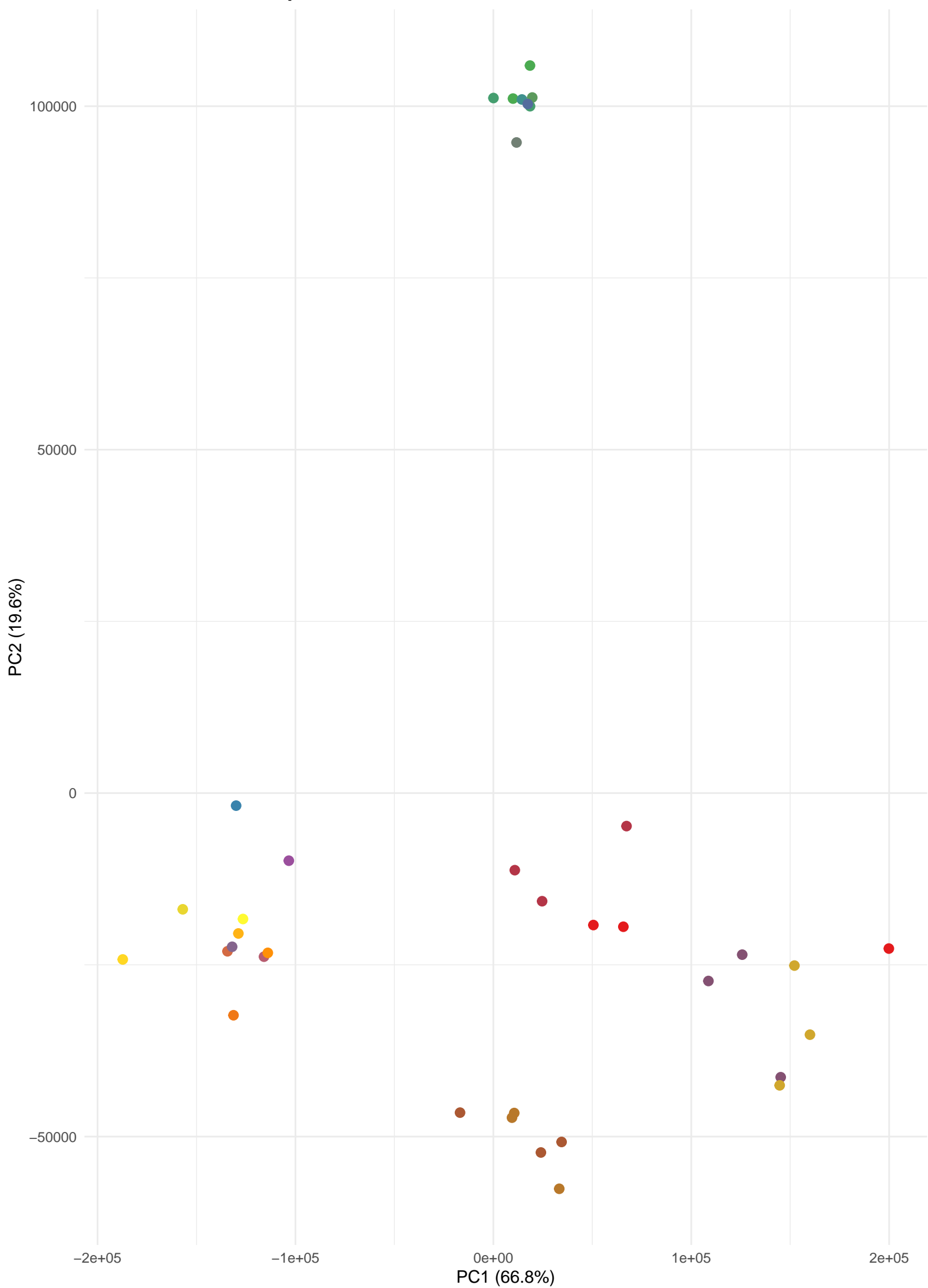


CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ Composite



CD3- CD19- CD56- Single donor

PCA por harmonized cell markers harmonized donor id



	43_Hm03	CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ S00390	CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ S00E8V
	43_Hm05	CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ S00622	CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ S00FTN
	N00031319896021	CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ S006V1	CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ S00H6O
harmonized cell markers	CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+	CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ S007SK	CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ S00J8C
harmonized donor id	CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ S0018A	CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ S00BHQ	CD3- CD19- CD56- N00031318490130
	CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ S001MJ	CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ S00BS4	CD3- CD19- CD56- N00031406634921
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	CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ S0022I	CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ S00DVR	

PCA por harmonized cell markers harmonized donor age



PCA por harmonized cell markers harmonized donor age unit

harmonized cell markers harmonized donor age unit



unknown



CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ unknown



CD3- CD19- CD56- year

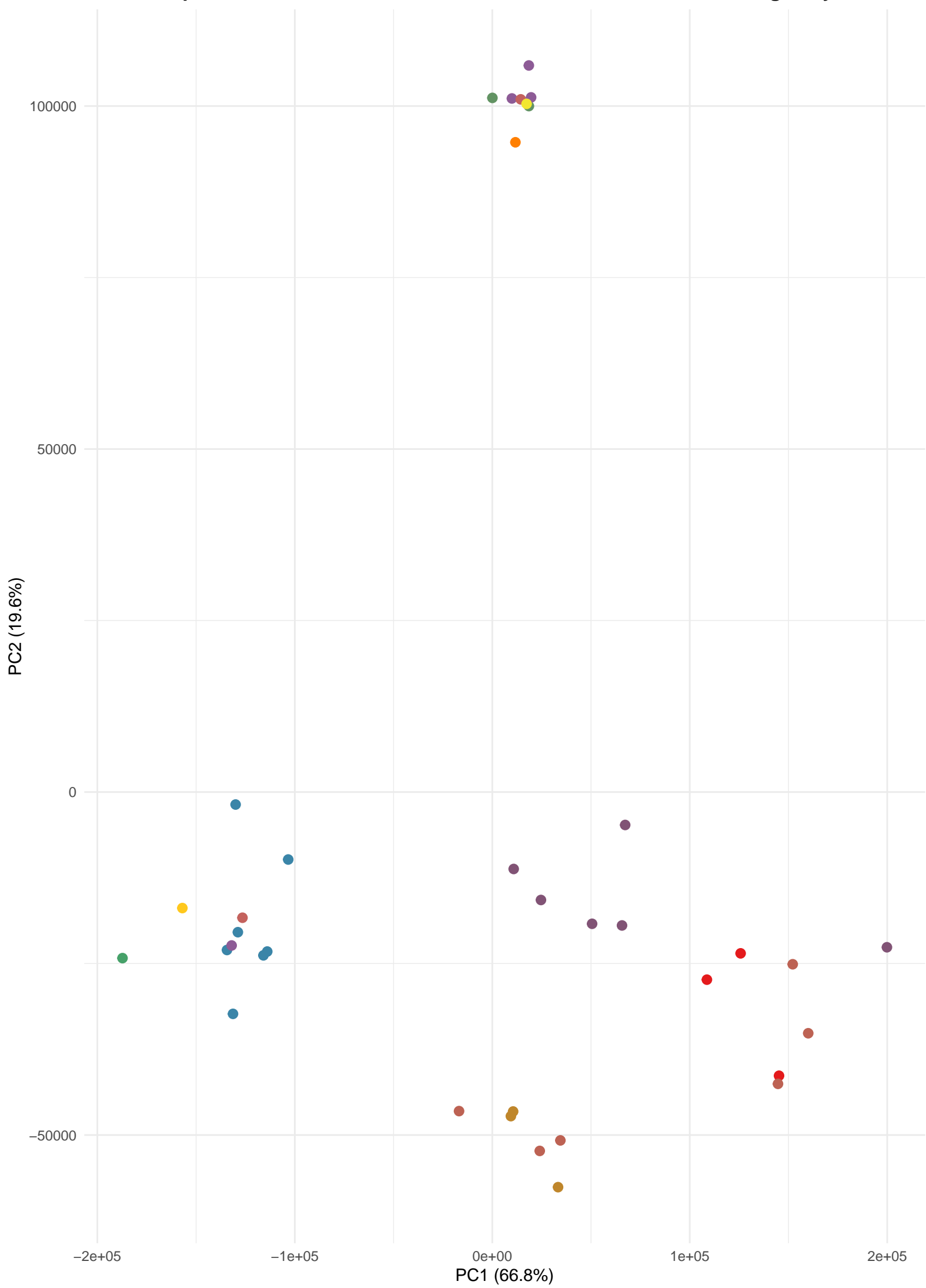


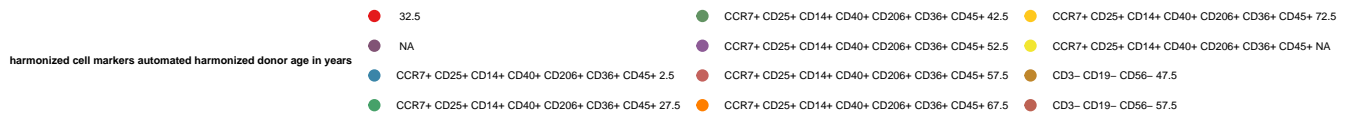
year



CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ year

PCA por harmonized cell markers automated harmonized donor age in years





PCA por harmonized cell markers harmonized donor life stage

harmonized cell markers harmonized donor life stage



adult



CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ child



CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ adult



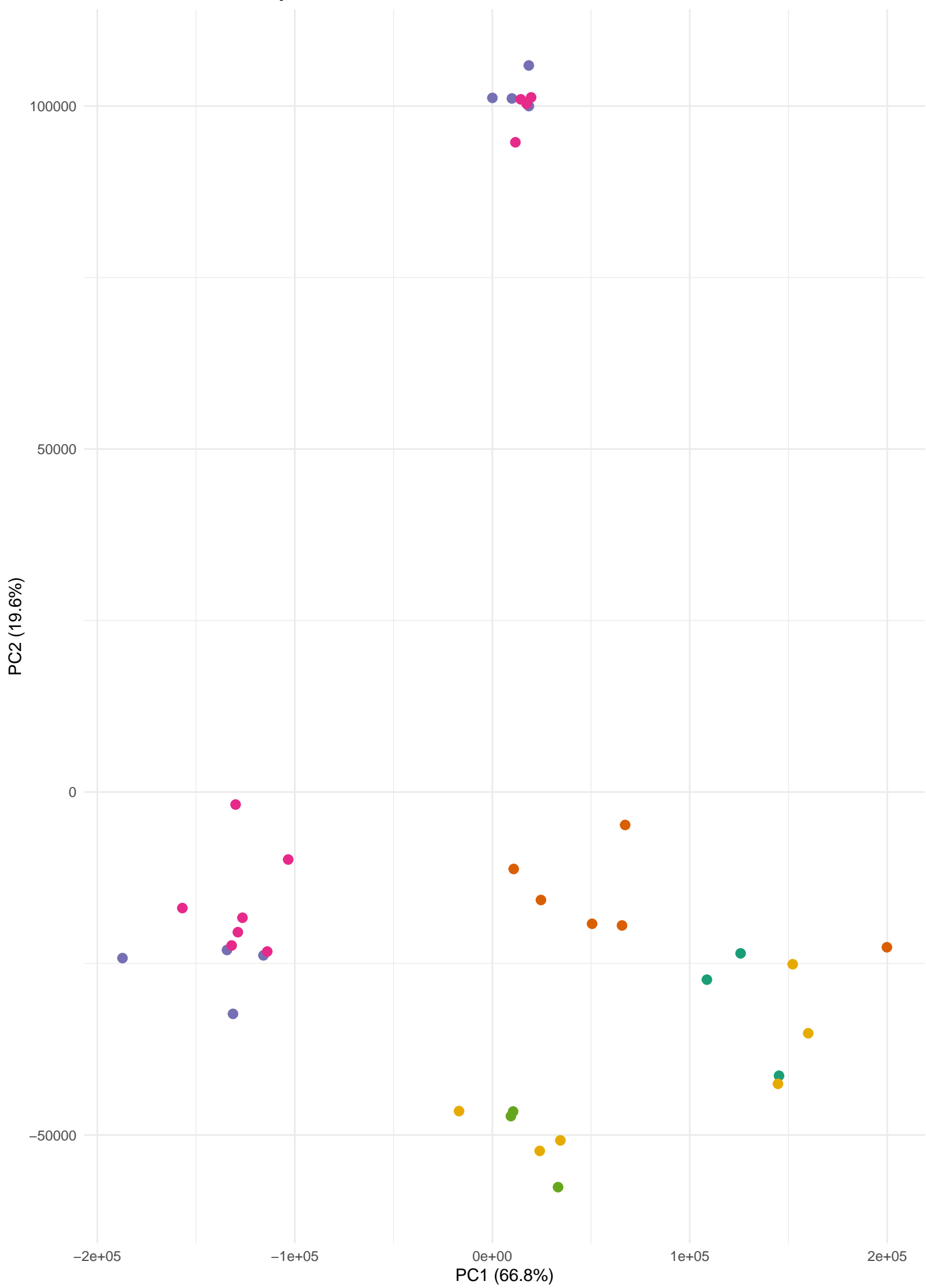
CD3- CD19- CD56- adult

PCA por harmonized cell markers harmonized donor life stage uncorrected

harmonized cell markers harmonized donor life stage uncorrected

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● unknown	● CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ child	● CD3- CD19- CD56- adult

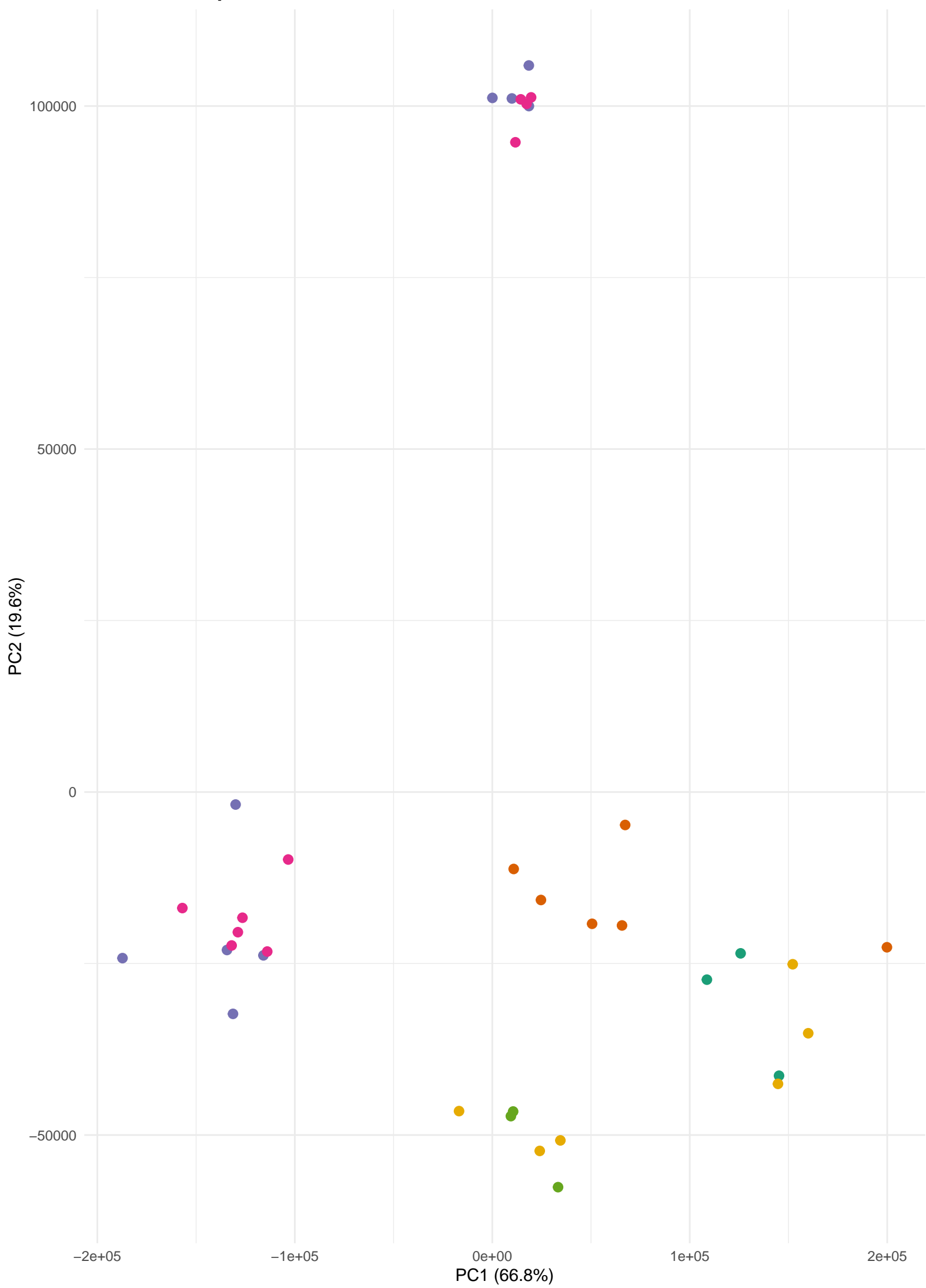
PCA por harmonized cell markers harmonized donor sex



harmonized cell markers harmonized donor sex

- female
- CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ female
- CD3- CD19- CD56- female
- male
- CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ male
- CD3- CD19- CD56- male

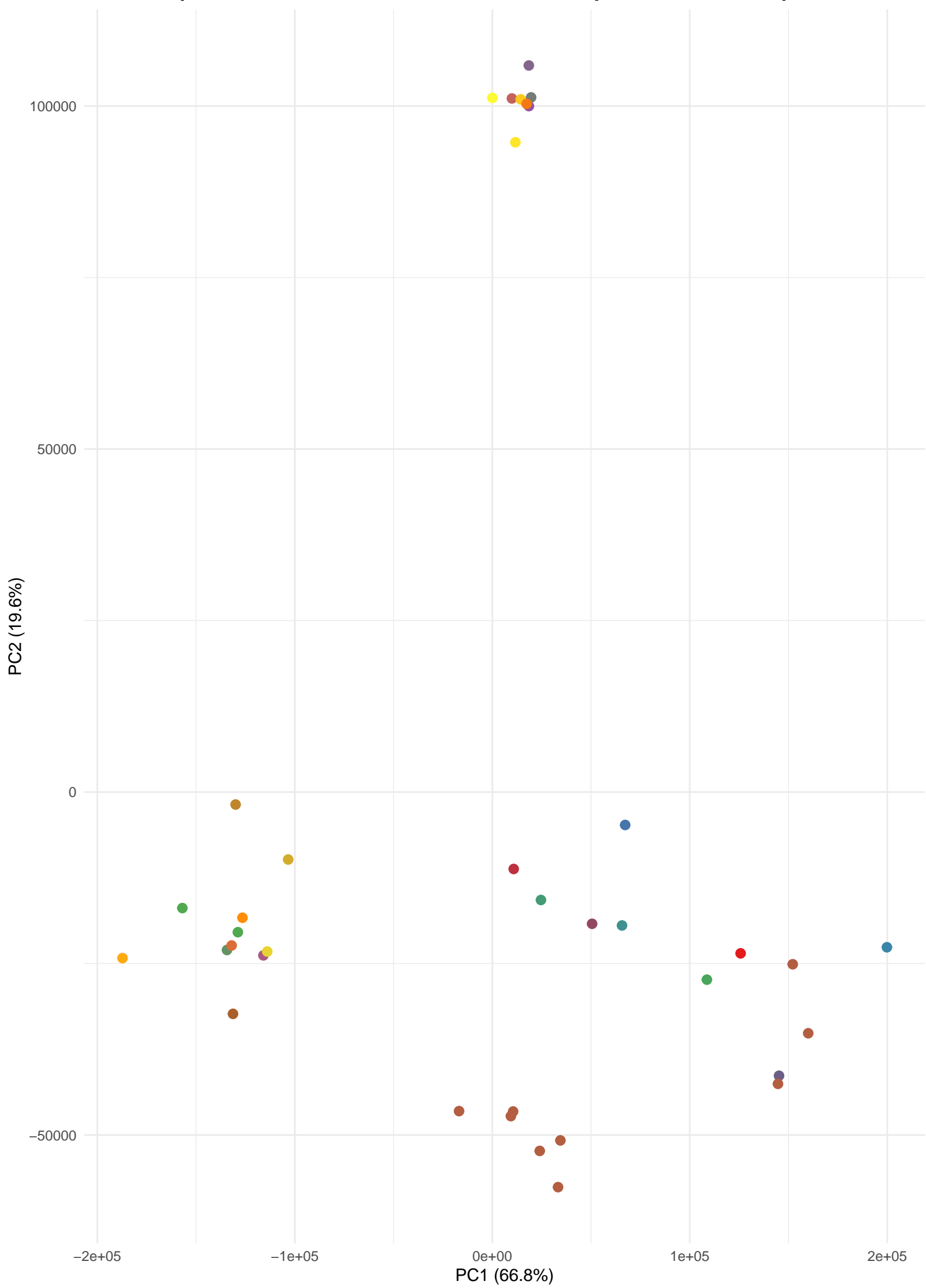
PCA por harmonized cell markers harmonized donor sex uncorrected



harmonized cell markers harmonized donor sex uncorrected

- female
- CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ female
- CD3- CD19- CD56- female
- male
- CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+ male
- CD3- CD19- CD56- male

PCA por harmonized cell markers automated experiments ChIP.Seq H3K27ac



d cell markers automated experiments ChIP.Seq H3K27ac

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PCA por harmonized cell markers automated experiments ChIP.Seq H3K27me3

cell markers automated experiments ChIP.Seq H3K27me3

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PCA por harmonized cell markers automated experiments ChIP.Seq H3K36me3

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PCA por harmonized cell markers automated experiments ChIP.Seq H3K4me1

d cell markers automated experiments ChIP.Seq H3K4me1

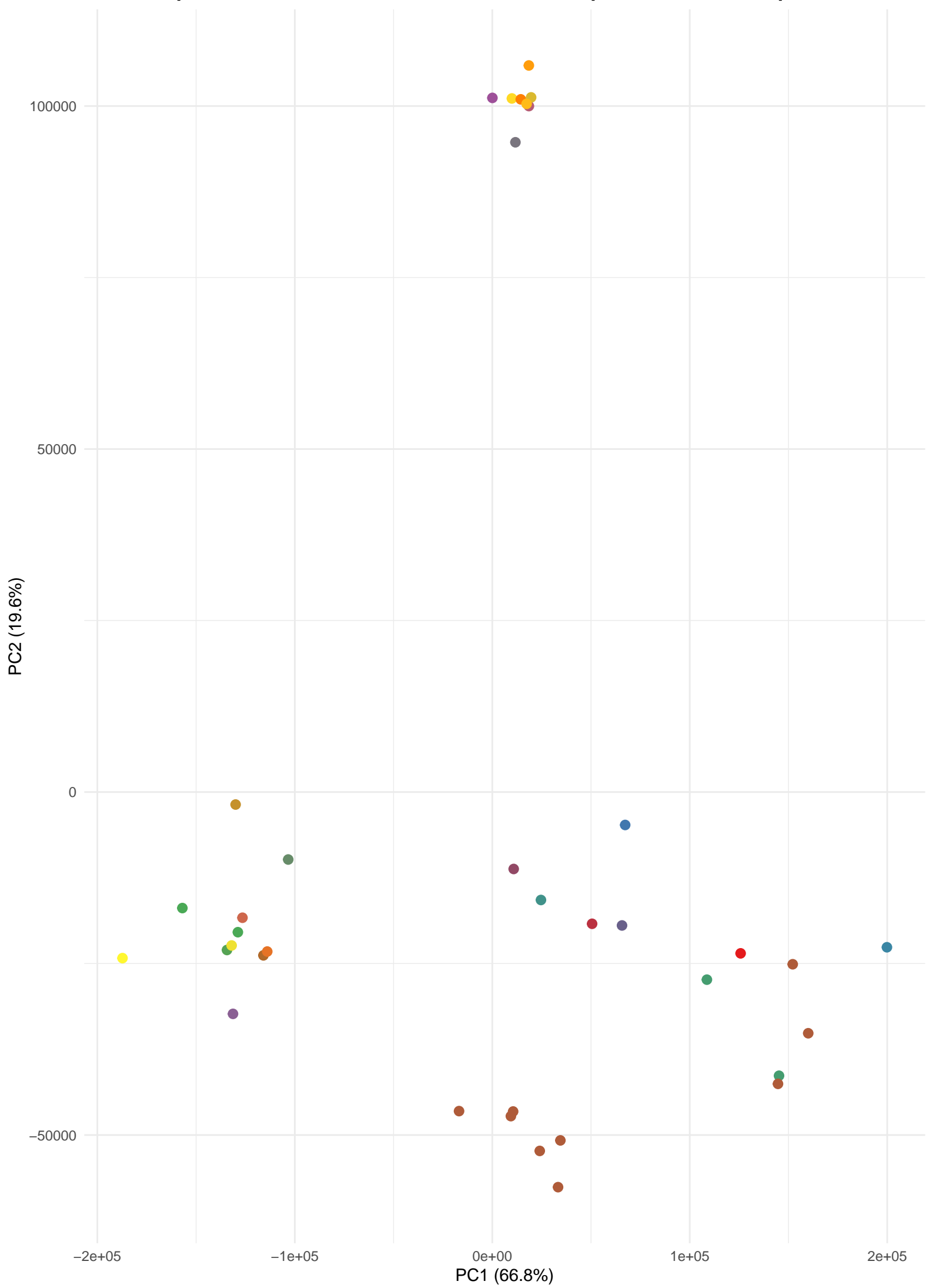
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PCA por harmonized cell markers automated experiments ChIP.Seq H3K4me3


d cell markers automated experiments ChIP.Seq H3K4me3

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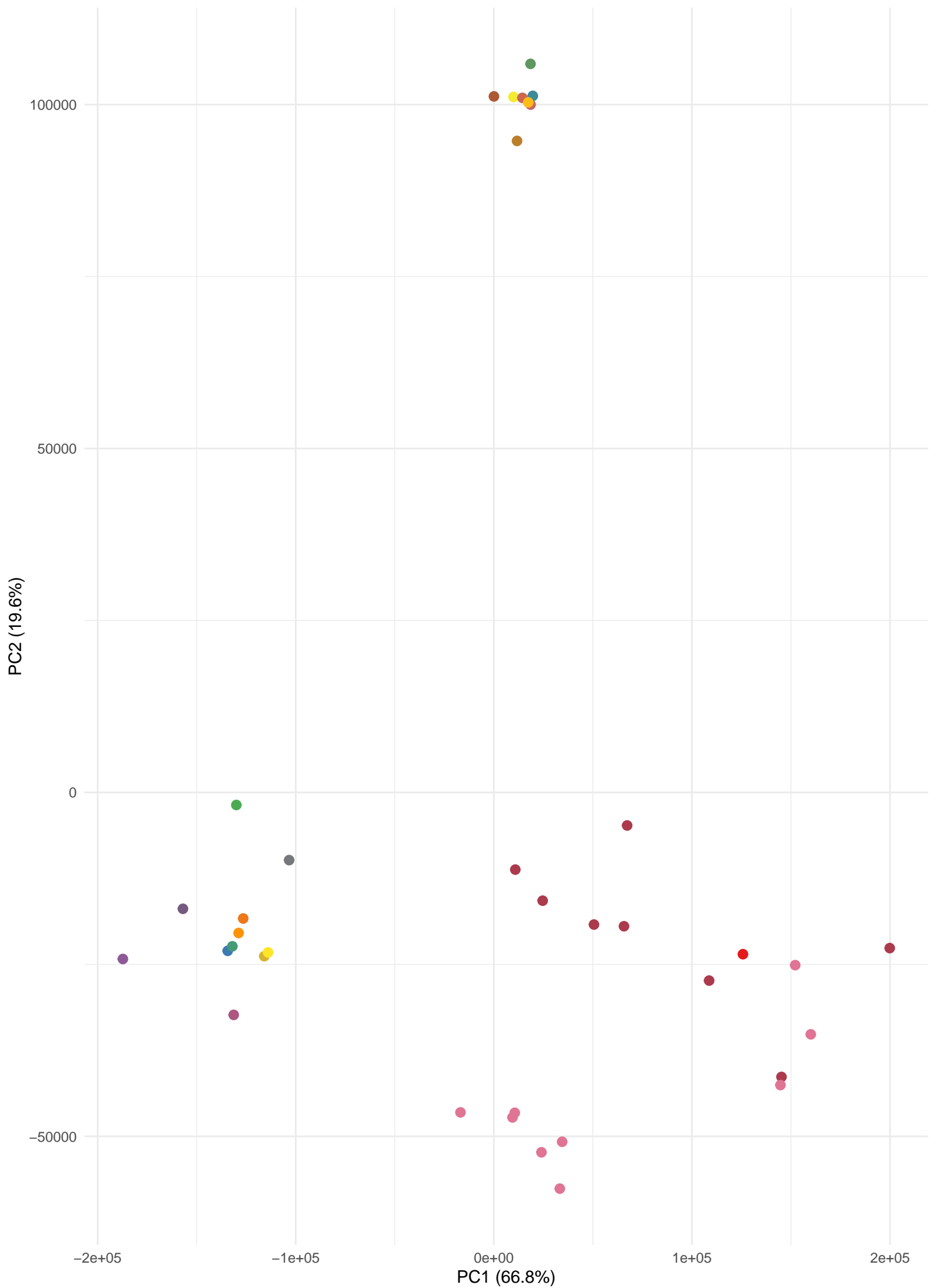
PCA por harmonized cell markers automated experiments ChIP.Seq H3K9me3



d cell markers automated experiments ChIP.Seq H3K9me3

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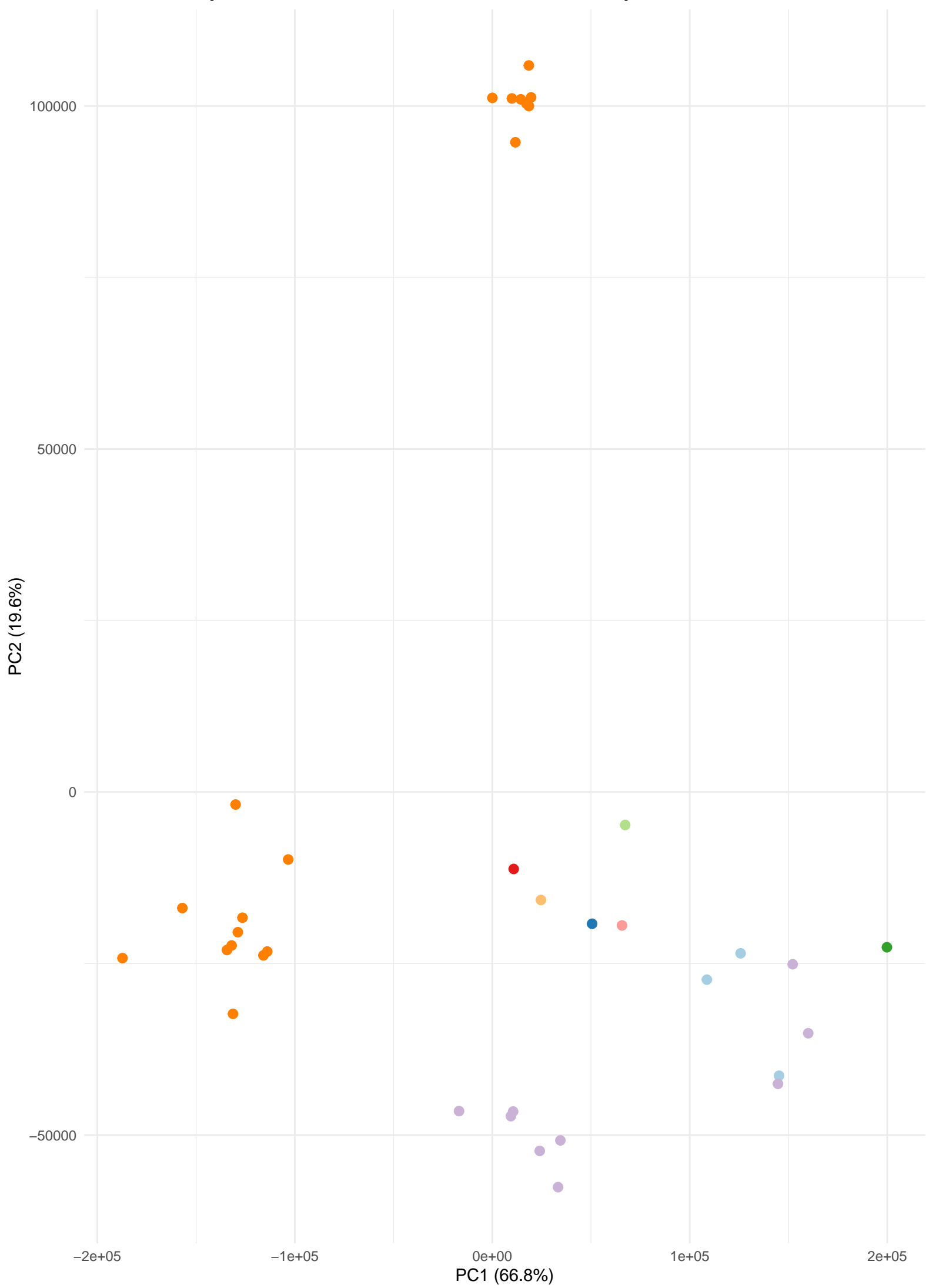
PCA por harmonized cell markers automated experiments WGBS standard



ated experiments WGBS standard

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PCA por harmonized cell markers automated experiments WGBS PBAT



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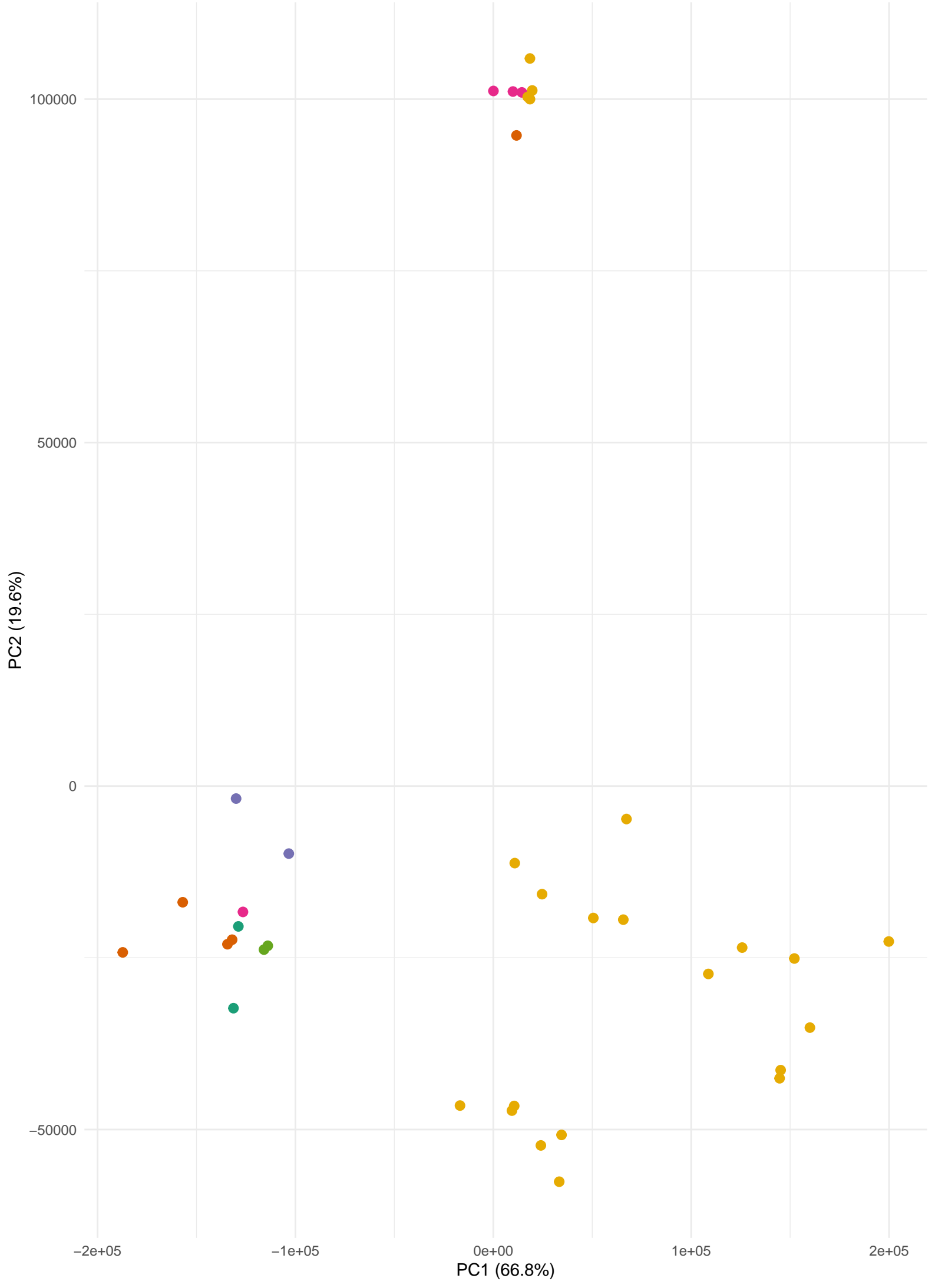
CD3- CD19- CD56-

harmonized cell markers automated experiments WGBS PBAT

PCA por harmonized cell markers automated experiments RNA.Seq mRNA.Seq

harmonized cell markers automated experiments RNA.Seq mRNA.Seq

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automated harmonized sample ontology term harmonized sample organ order AnetaMikulasova



alternatively activated macrophage blood-umbilical-cord



inflammatory macrophage blood-umbilical-cord



macrophage blood-umbilical-cord



alternatively activated macrophage blood-venous



inflammatory macrophage blood-venous

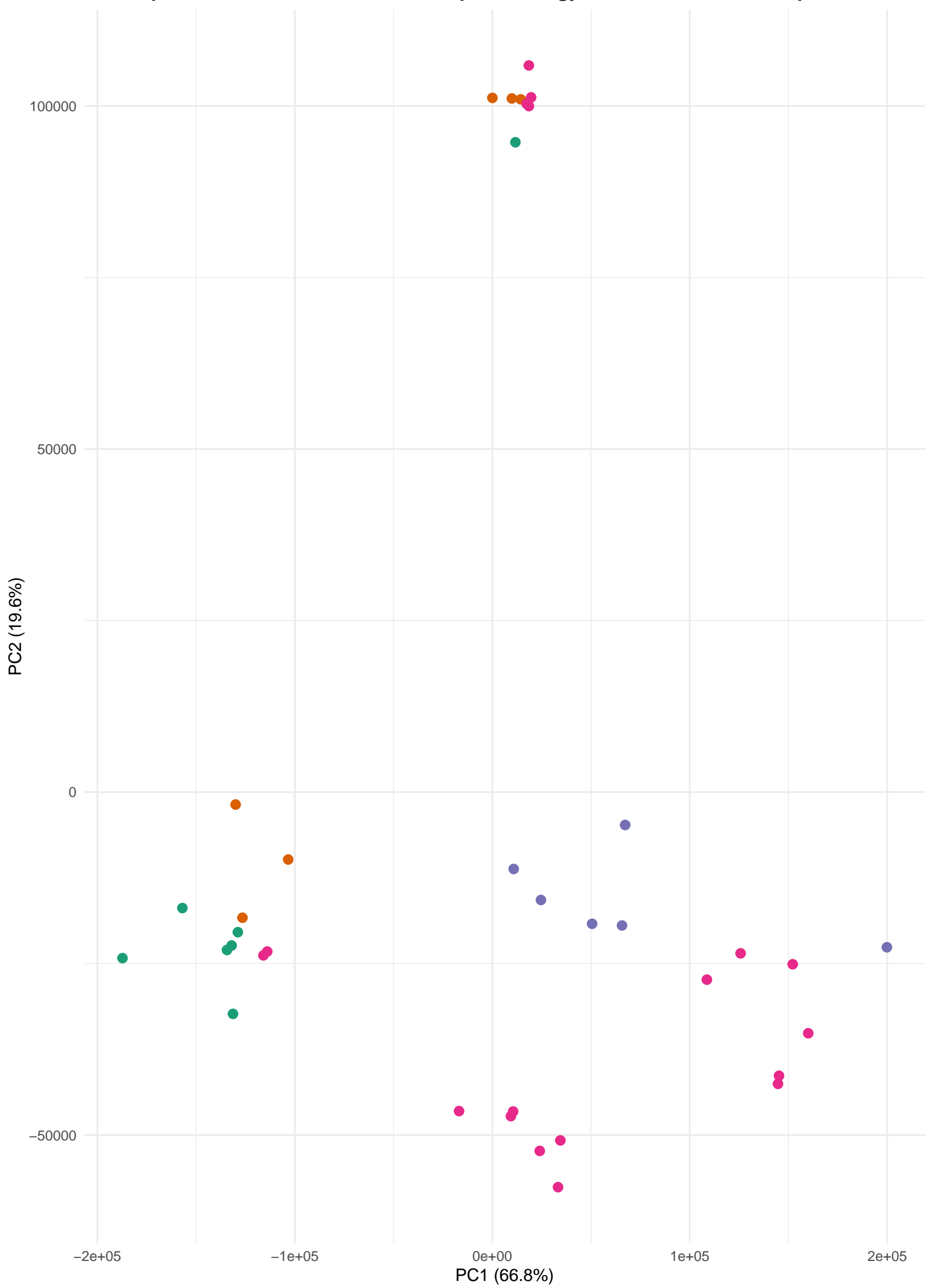


macrophage blood-venous

PCA por automated harmonized sample ontology term harmonized sample cell 2 order AnetaMik

automated harmonized sample ontology term harmonized sample cell 2 order AnetaMikulasova  alternatively activated macrophage alternatively-activated  inflammatory macrophage inflammatory  macrophage x

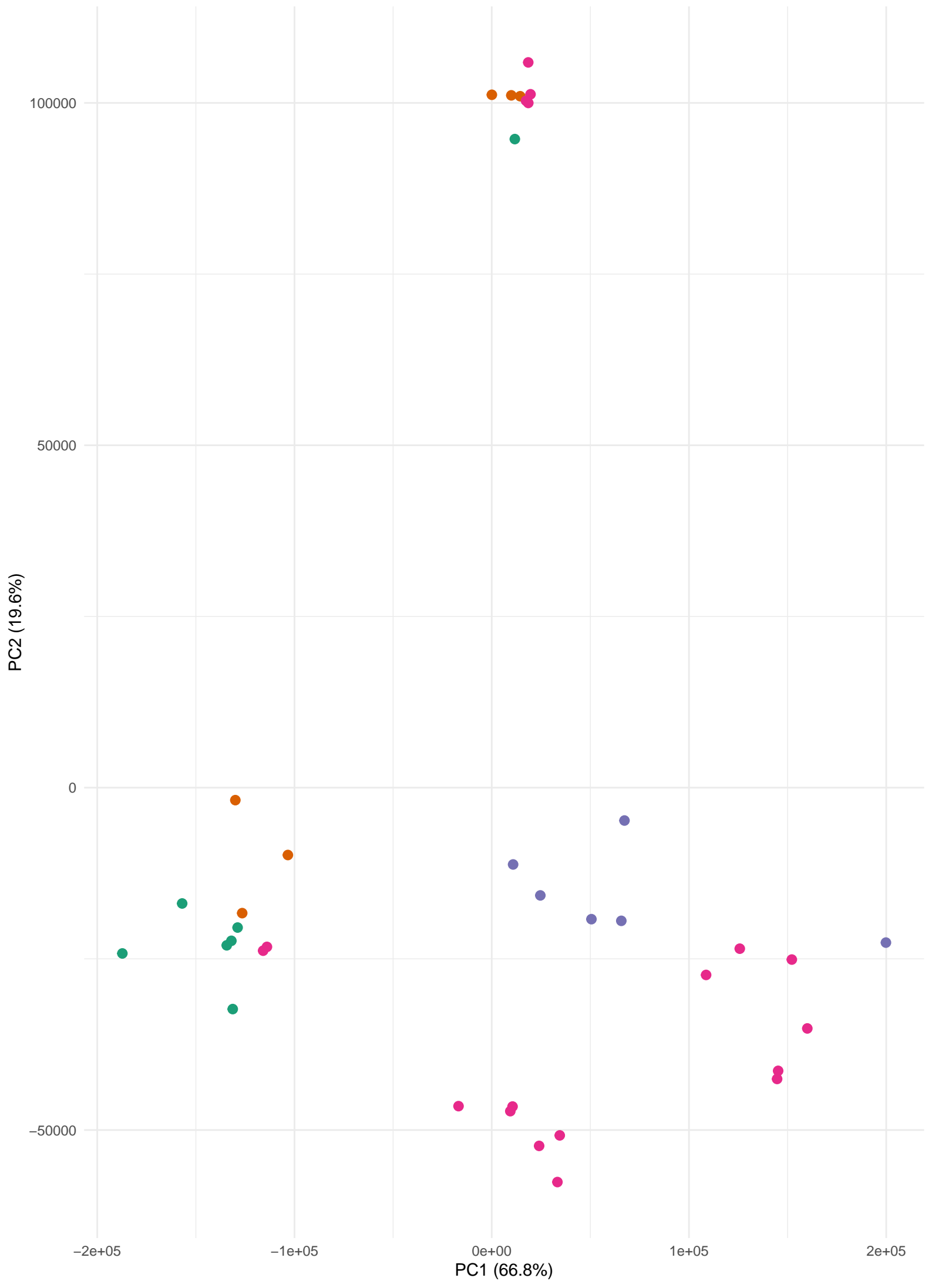
PCA por automated harmonized sample ontology term harmonized sample disease







automated harmonized sample ontology term harmonized sample disease

	alternatively activated macrophage None		macrophage
	inflammatory macrophage None		macrophage None

PCA por automated harmonized sample ontology term harmonized sample disease ontology



automated harmonized sample ontology term harmonized sample disease ontology curie

-  alternatively activated macrophage NCIM:C0549184
-  inflammatory macrophage NCIM:C0549184
-  macrophage
-  macrophage NCIM:C0549184

por automated harmonized sample ontology term automated harmonized sample disease ontolo

automated harmonized sample ontology term automated harmonized sample disease ontology curie nciit



alternatively activated macrophage NCIT:C41132



inflammatory macrophage NCIT:C41132

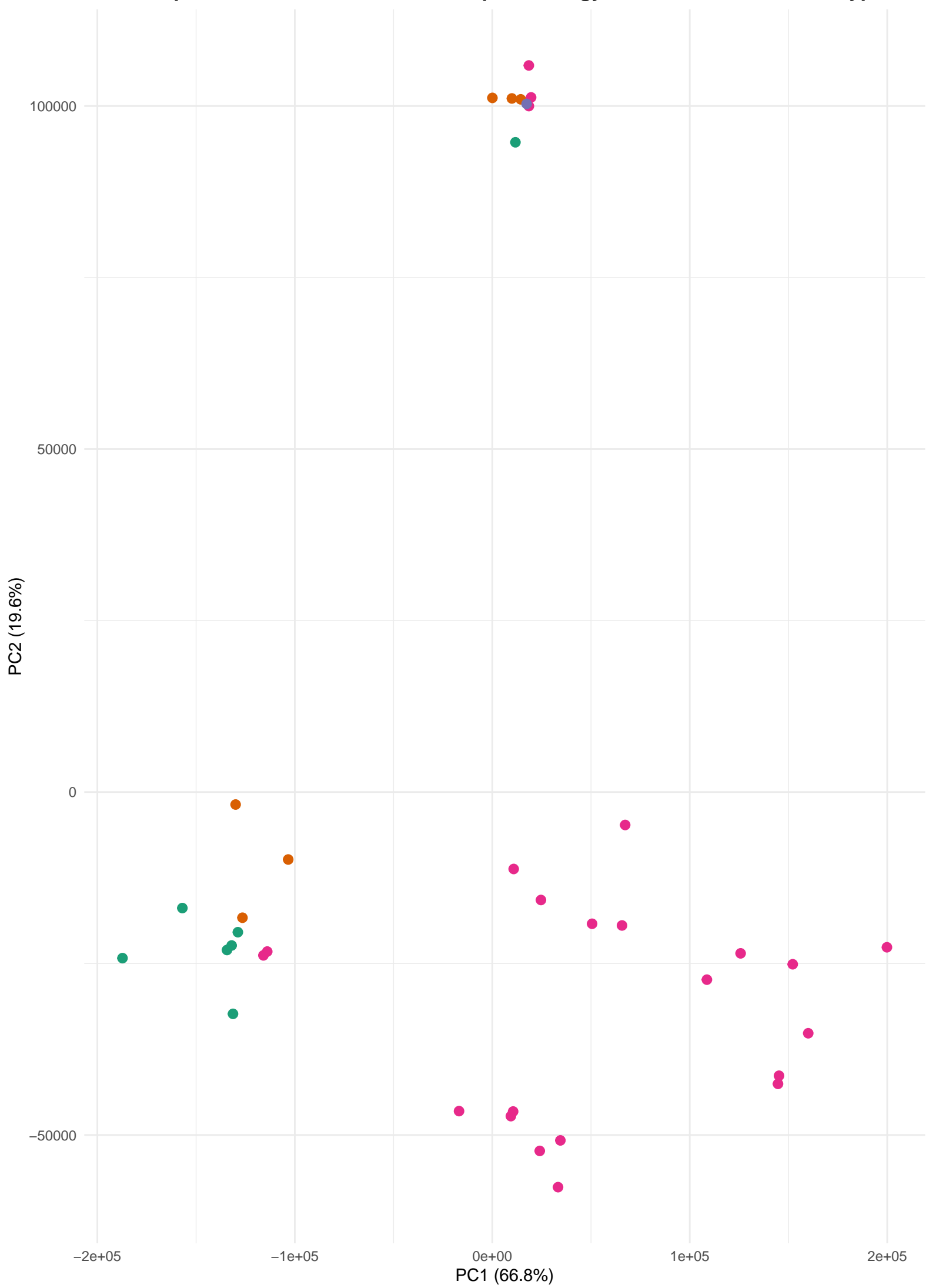


macrophage



macrophage NCIT:C41132

PCA por automated harmonized sample ontology term harmonized donor type



automated harmonized sample ontology term harmonized donor type



alternatively activated macrophage Single donor



macrophage Composite

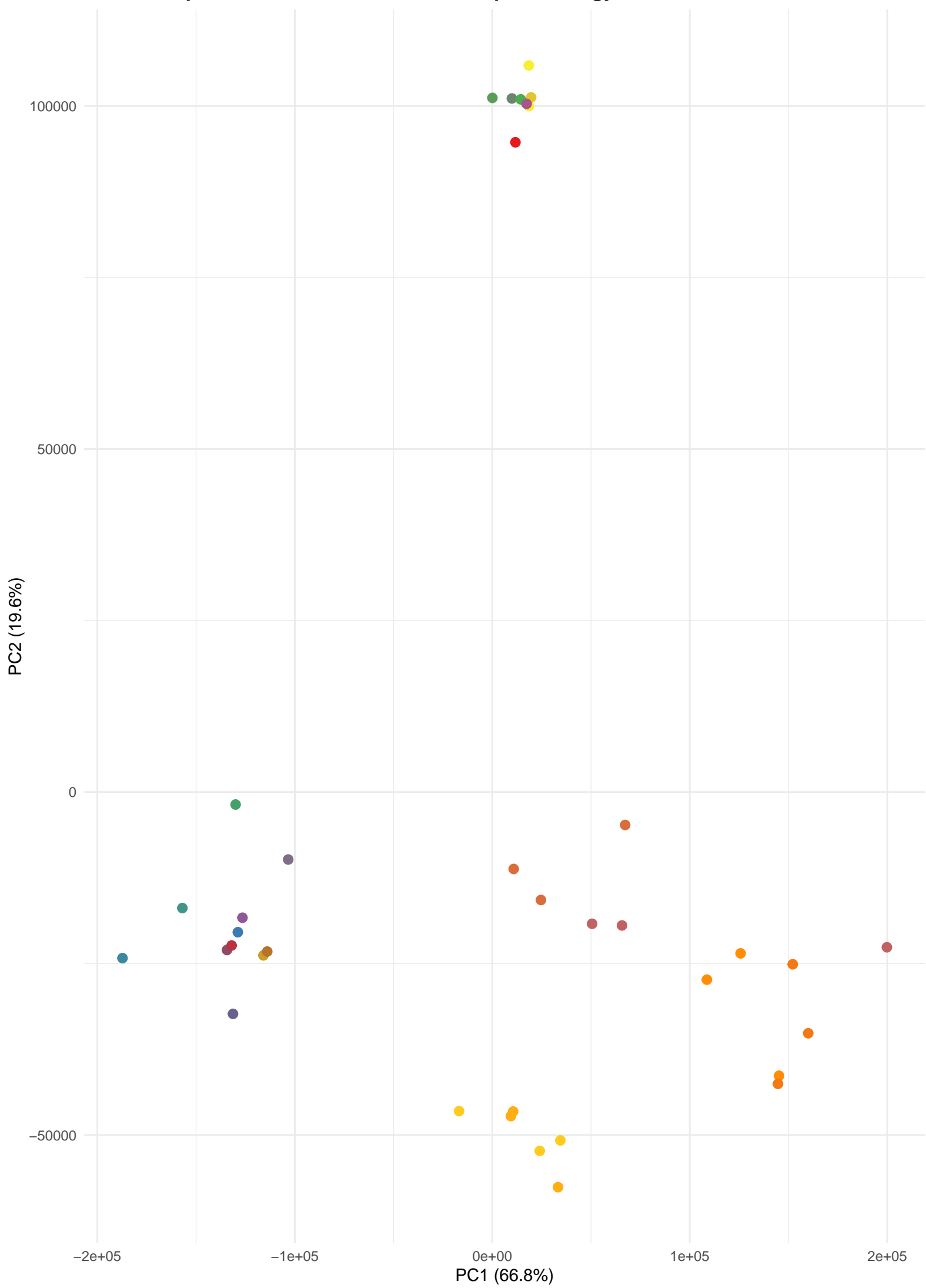



























inflammatory macrophage Single donor



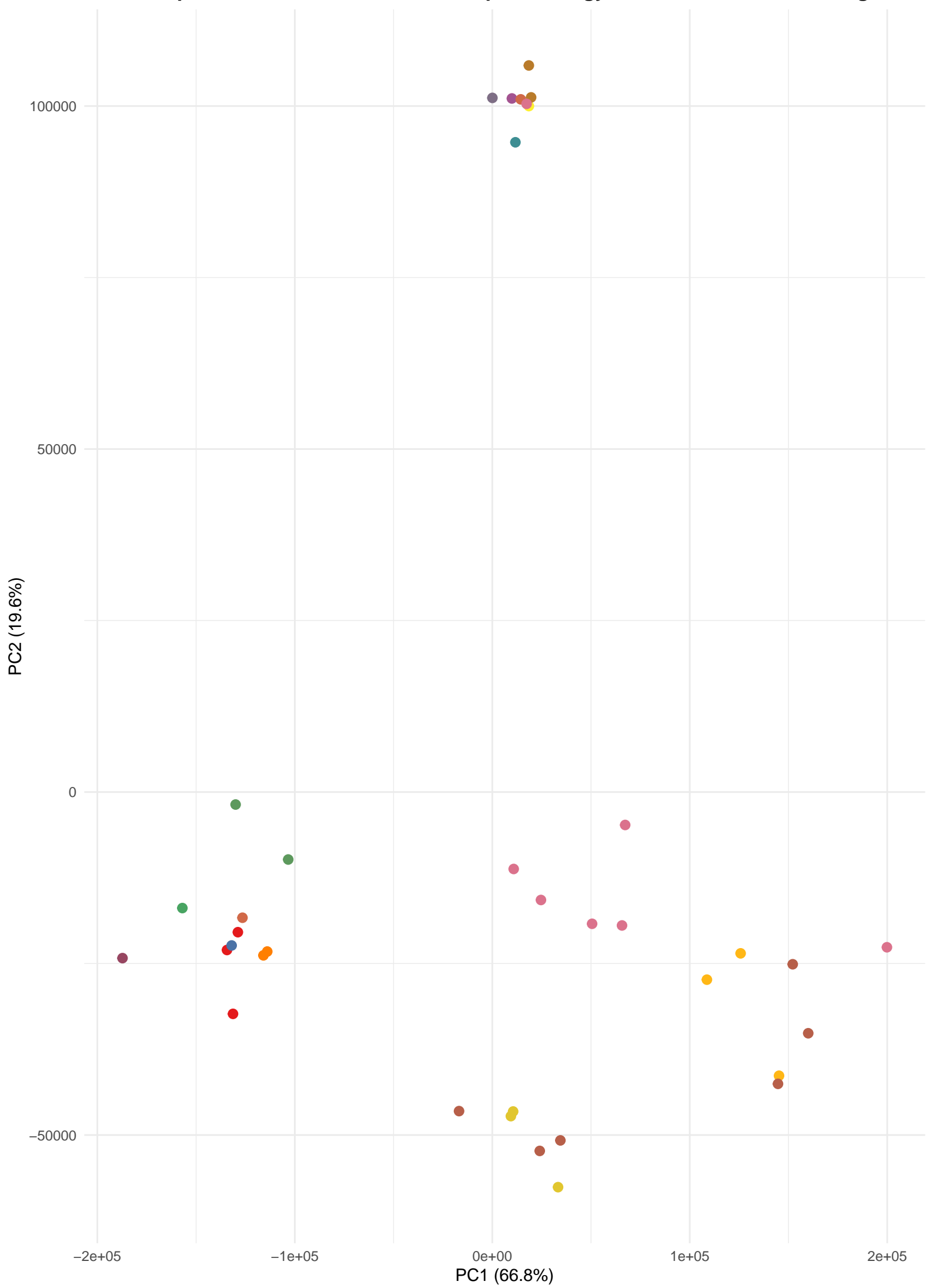
macrophage Single donor

PCA por automated harmonized sample ontology term harmonized donor id



automated harmonized sample ontology term harmonized donor id	 alternatively activated macrophage S00622	 inflammatory macrophage S001S7	 macrophage N00031406634921
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	 alternatively activated macrophage S00BS4	 inflammatory macrophage S007SK	 macrophage S001S7
	 alternatively activated macrophage S00C1H	 inflammatory macrophage S00H6O	 macrophage S0022I
	 alternatively activated macrophage S00E8W	 macrophage	 macrophage S00390
	 alternatively activated macrophage S00FTN	 macrophage 43_Hm03	 macrophage S00BHQ
	 alternatively activated macrophage S00J8C	 macrophage 43_Hm05	 macrophage S00DVR
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PCA por automated harmonized sample ontology term harmonized donor age



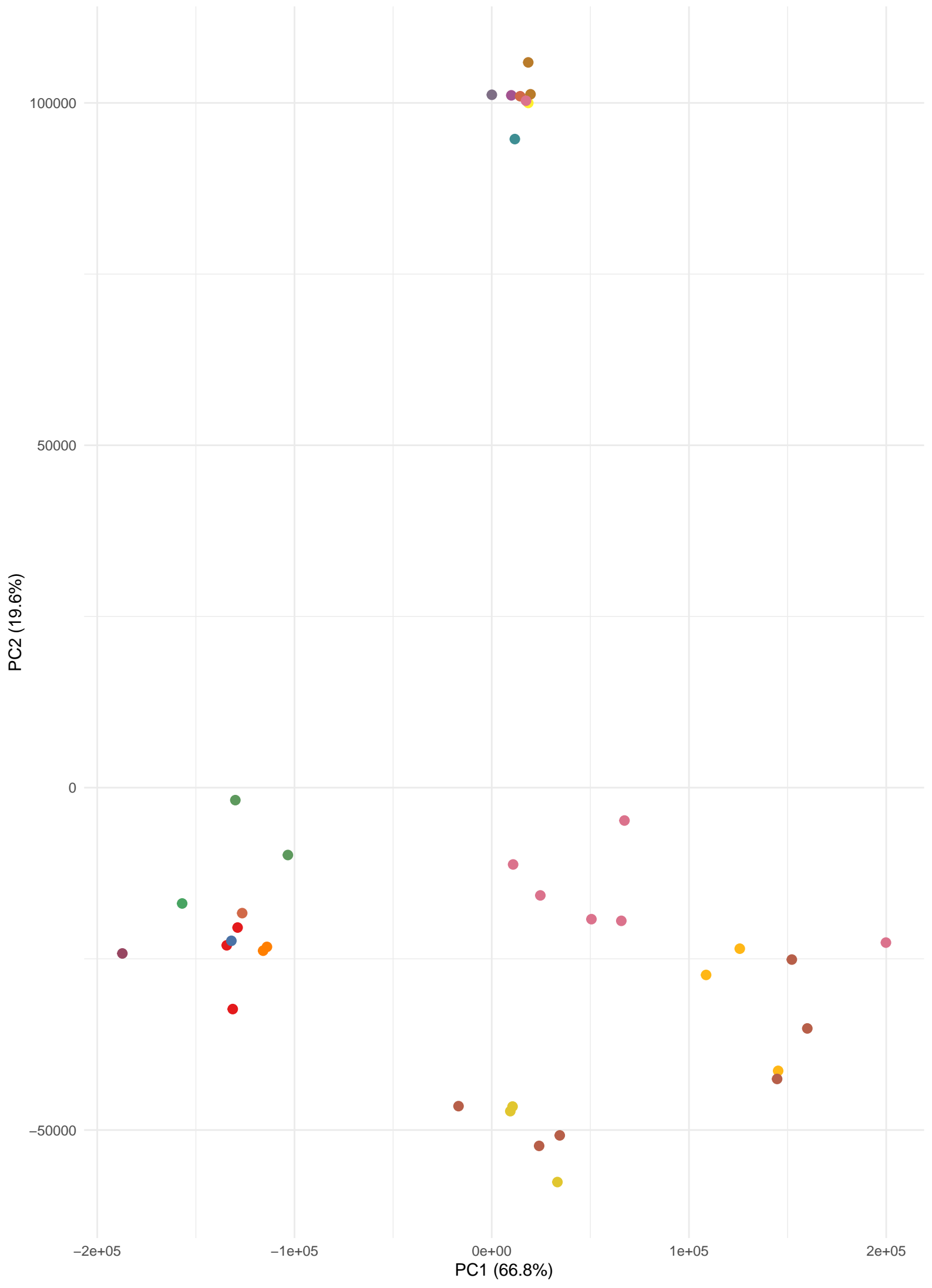


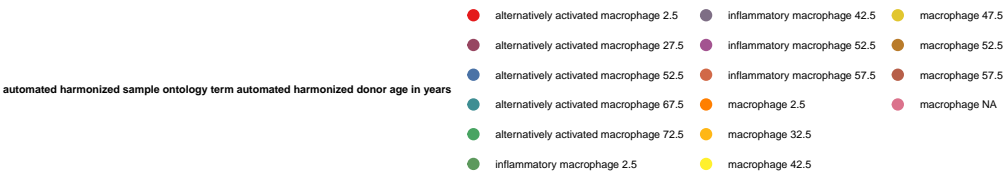
PCA por automated harmonized sample ontology term harmonized donor age unit

automated harmonized sample ontology term harmonized donor age unit

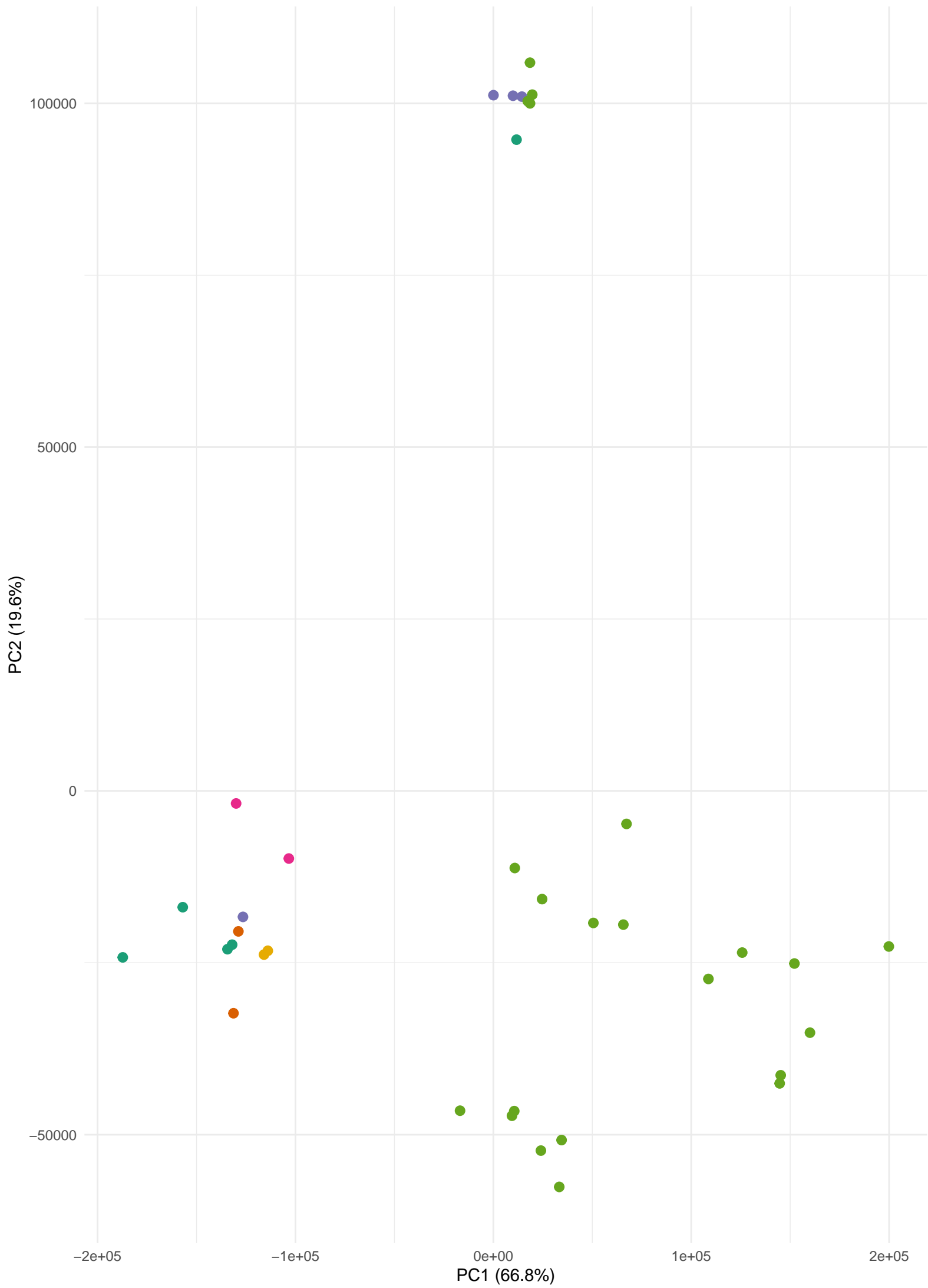
	alternatively activated macrophage year		macrophage unknown
	inflammatory macrophage year		macrophage year

PCA por automated harmonized sample ontology term automated harmonized donor age in y





PCA por automated harmonized sample ontology term harmonized donor life stage



automated harmonized sample ontology term harmonized donor life stage



alternatively activated macrophage adult



alternatively activated macrophage child



inflammatory macrophage adult



inflammatory macrophage child

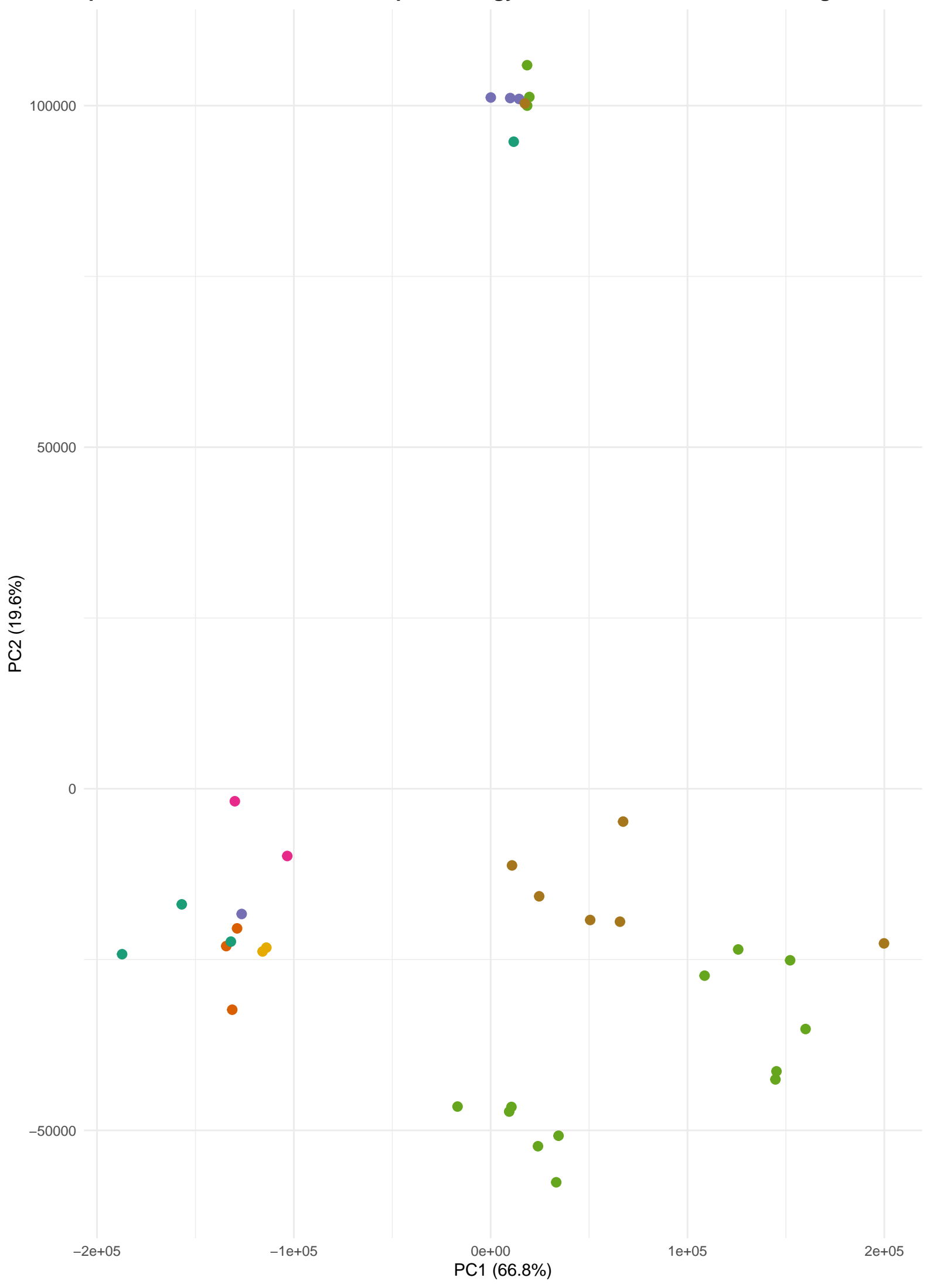


macrophage adult



macrophage child

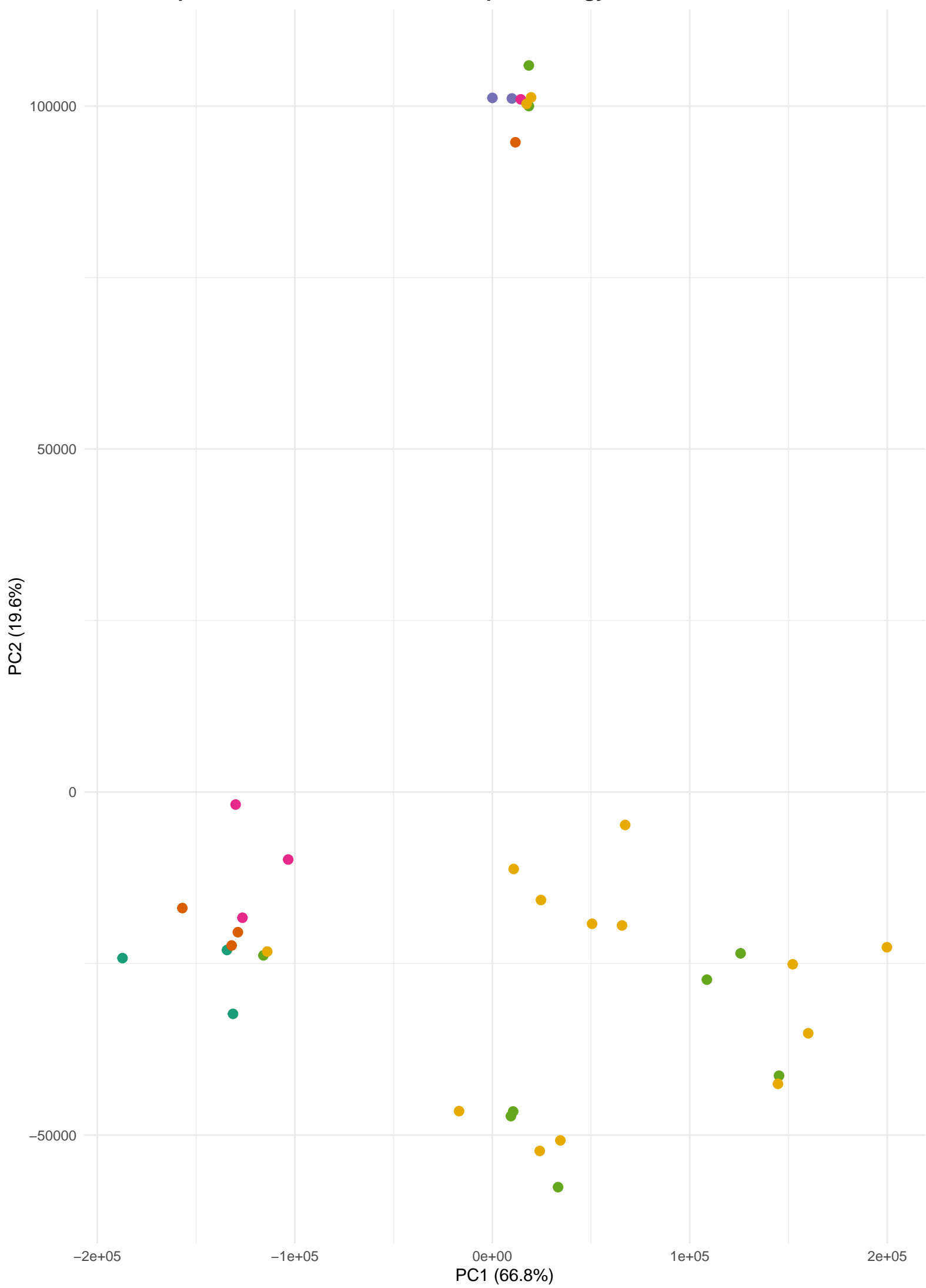
PCA por automated harmonized sample ontology term harmonized donor life stage uncorrected



automated harmonized sample ontology term harmonized donor life stage uncorrected

	alternatively activated macrophage adult		inflammatory macrophage child		macrophage unknown
	alternatively activated macrophage child		macrophage adult		
	inflammatory macrophage adult		macrophage child		

PCA por automated harmonized sample ontology term harmonized donor sex



automated harmonized sample ontology term harmonized donor sex



alternatively activated macrophage female



inflammatory macrophage female



macrophage female



alternatively activated macrophage male



inflammatory macrophage male



macrophage male

PCA por automated harmonized sample ontology term harmonized donor sex uncorrected

automated harmonized sample ontology term harmonized donor sex uncorrected



alternatively activated macrophage female



inflammatory macrophage female



macrophage female



alternatively activated macrophage male



inflammatory macrophage male



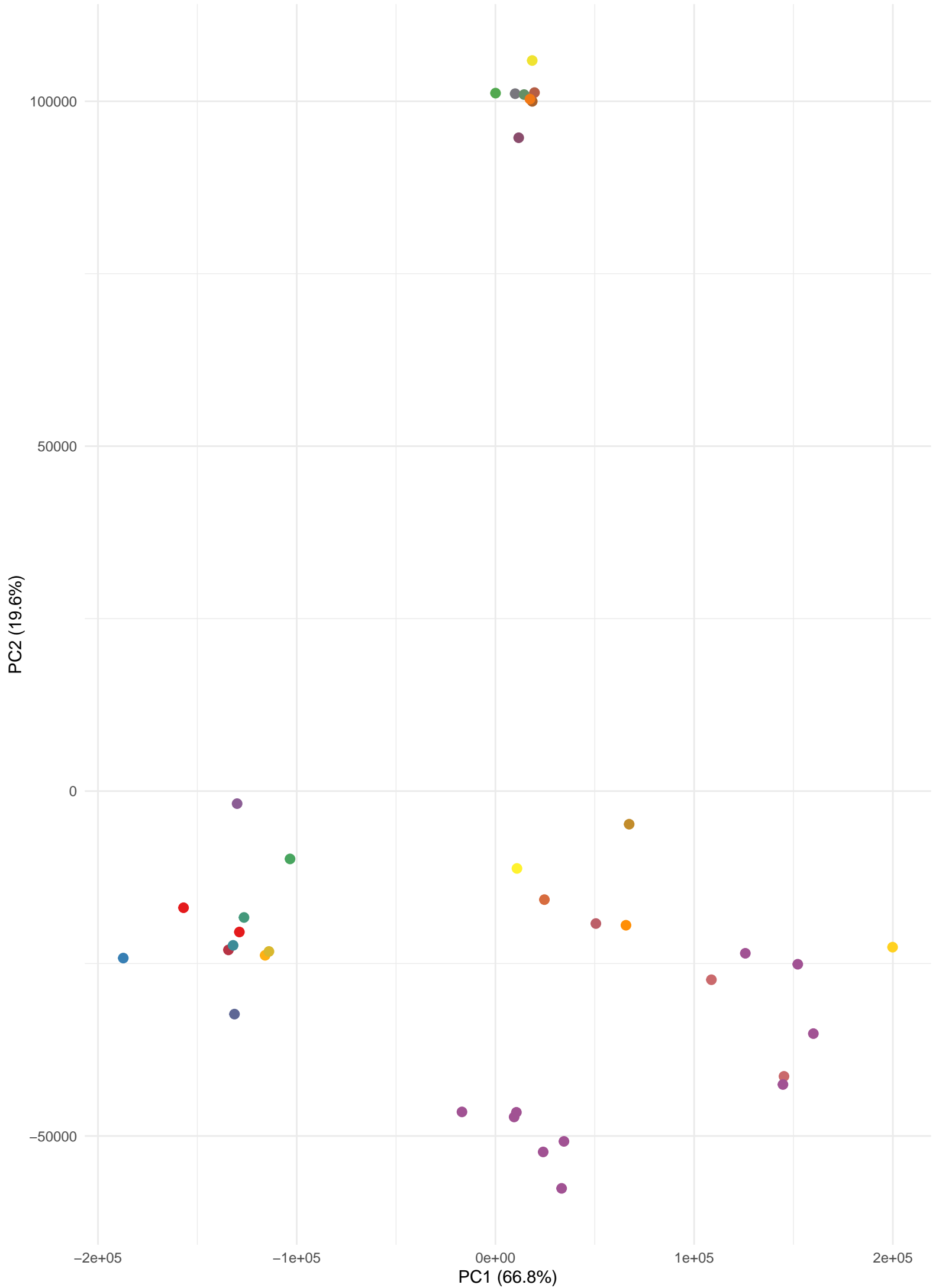
macrophage male

PCA por automated harmonized sample ontology term automated experiments ChIP.Seq H3K

automated harmonized sample ontology term automated experiments ChIP.Seq H3K27ac

- | | | |
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PCA por automated harmonized sample ontology term automated experiments ChIP.Seq H3K2



automated harmonized sample ontology term automated experiments ChIP.Seq H3K27me3

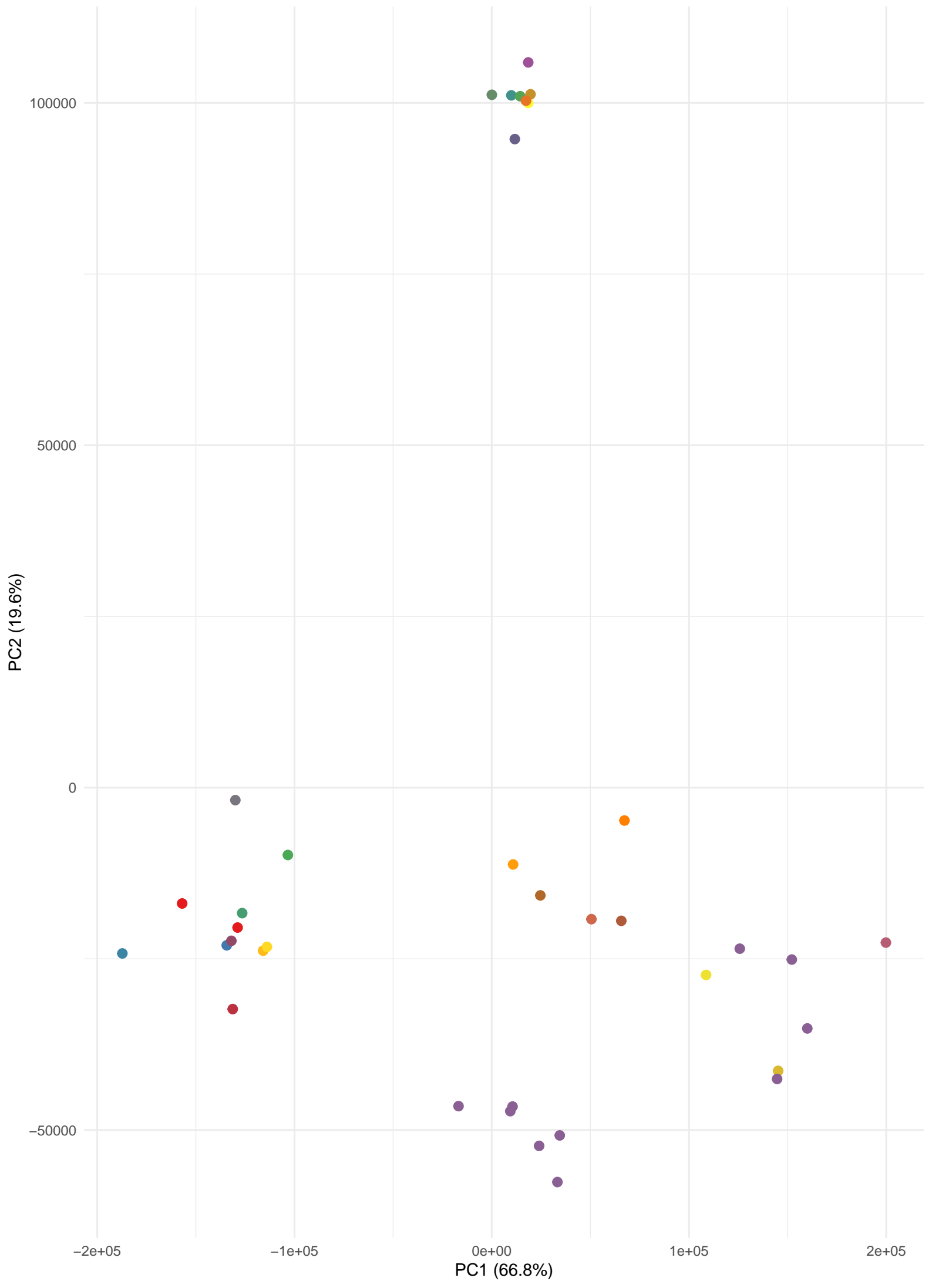
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PCA por automated harmonized sample ontology term automated experiments ChIP.Seq H3K3

automated harmonized sample ontology term automated experiments ChIP.Seq H3K36me3

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PCA por automated harmonized sample ontology term automated experiments ChIP.Seq H3K



automated harmonized sample ontology term automated experiments ChIP.Seq H3K4me1

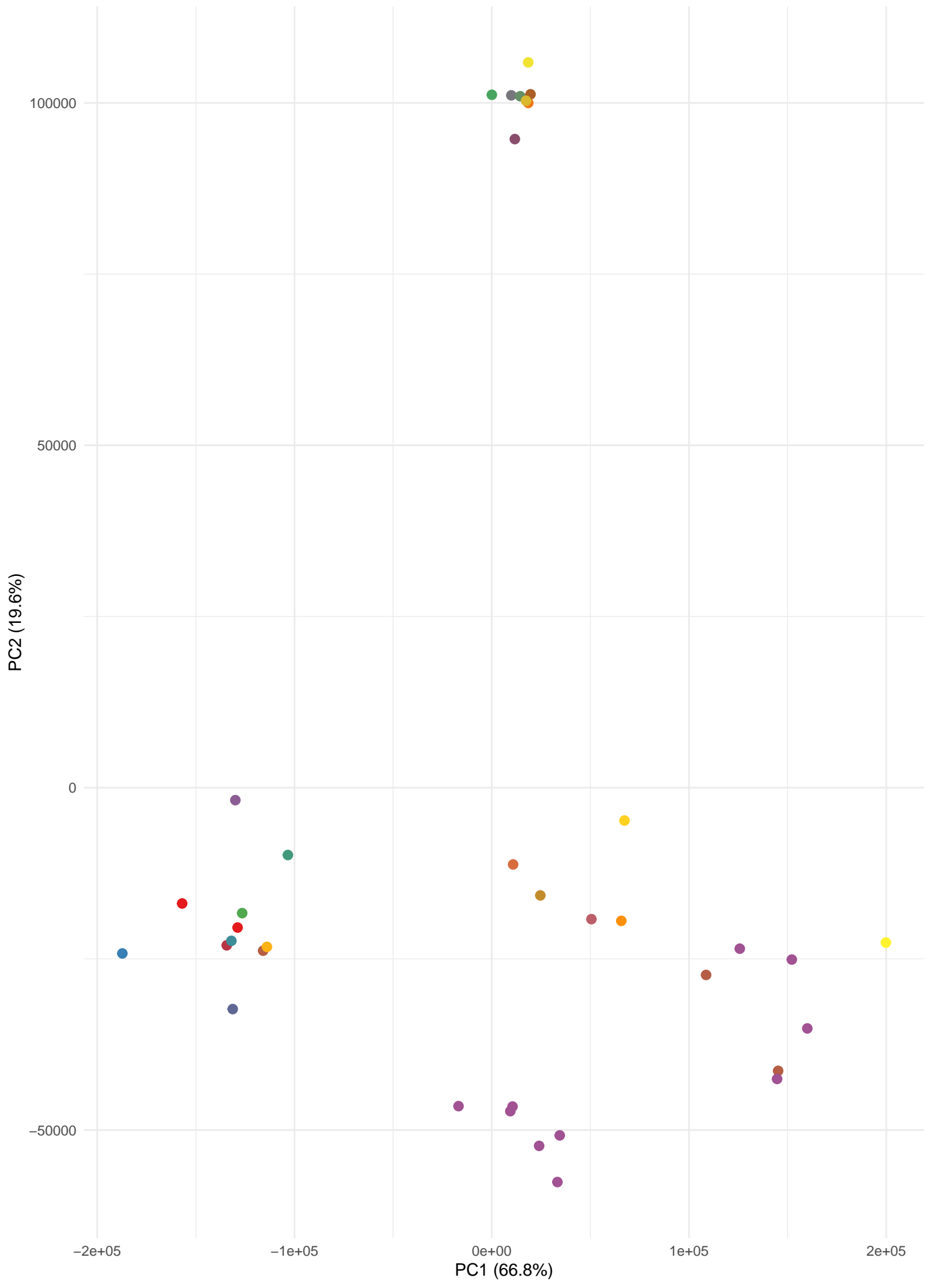
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PCA por automated harmonized sample ontology term automated experiments ChIP.Seq H3K

automated harmonized sample ontology term automated experiments ChIP.Seq H3K4me3

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PCA por automated harmonized sample ontology term automated experiments ChIP.Seq H3K



automated harmonized sample ontology term automated experiments ChIP.Seq H3K9me3

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|---|--|---|
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| <ul style="list-style-type: none">alternatively activated macrophage 153650ef-7ef6-43cd-b5dc-cf062deb8afd | <ul style="list-style-type: none">inflammatory macrophage a62efed1-28b1-4005-b980-2a01726331e7 | <ul style="list-style-type: none">macrophage 91e9ef78-52b0-44be-b463-2c4d06233b83 |
| <ul style="list-style-type: none">alternatively activated macrophage 24e1c000-860b-414c-8a5a-cb73e98c0c6a | <ul style="list-style-type: none">inflammatory macrophage f8b01218-a3f8-48dc-884c-14b62675daca | <ul style="list-style-type: none">macrophage 94ad3781-f8aa-4d56-830a-df16a910858c |
| <ul style="list-style-type: none">alternatively activated macrophage 409ce32-3c80-4968-819f-d774f10df209 | <ul style="list-style-type: none">macrophage | <ul style="list-style-type: none">macrophage 9c54dc88-50cd-4207-80de-15a482501404 |
| <ul style="list-style-type: none">alternatively activated macrophage ad6f214b-6bc2-494d-ba70-0c0eed50632c | <ul style="list-style-type: none">macrophage 1726d2d4-326e-4dc2-912a-cee3015ea75f | <ul style="list-style-type: none">macrophage ab339ba6-8e79-4160-a042-90f773410cae |
| <ul style="list-style-type: none">alternatively activated macrophage b5d4a5b3-a118-48b7-a386-2e56f2330a88 | <ul style="list-style-type: none">macrophage 560a707c-11f9-456f-9667-23fa8be1b9b6 | <ul style="list-style-type: none">macrophage b96d5c84-a138-4fe2-8971-713e73270893 |
| <ul style="list-style-type: none">inflammatory macrophage 1d49e429-7d54-40c1-a965-968c057abf12 | <ul style="list-style-type: none">macrophage 6615446a-840c-42f3-8de3-7683d60a1480 | |
| <ul style="list-style-type: none">inflammatory macrophage 531c01db-d7ec-4377-be41-51b3cab349a9 | <ul style="list-style-type: none">macrophage 7f8e529d-cf30-4d19-82b7-6287d94d8e26 | |
| <ul style="list-style-type: none">inflammatory macrophage 6d2c1eb1-64cd-4b80-95ec-5404bd3906e9 | <ul style="list-style-type: none">macrophage 859b49cb-ac61-48c4-a1ad-a49ca139de17 | |

PCA por automated harmonized sample ontology term automated experiments WGBS stand

automated harmonized sample ontology term automated experiments WGBS standard

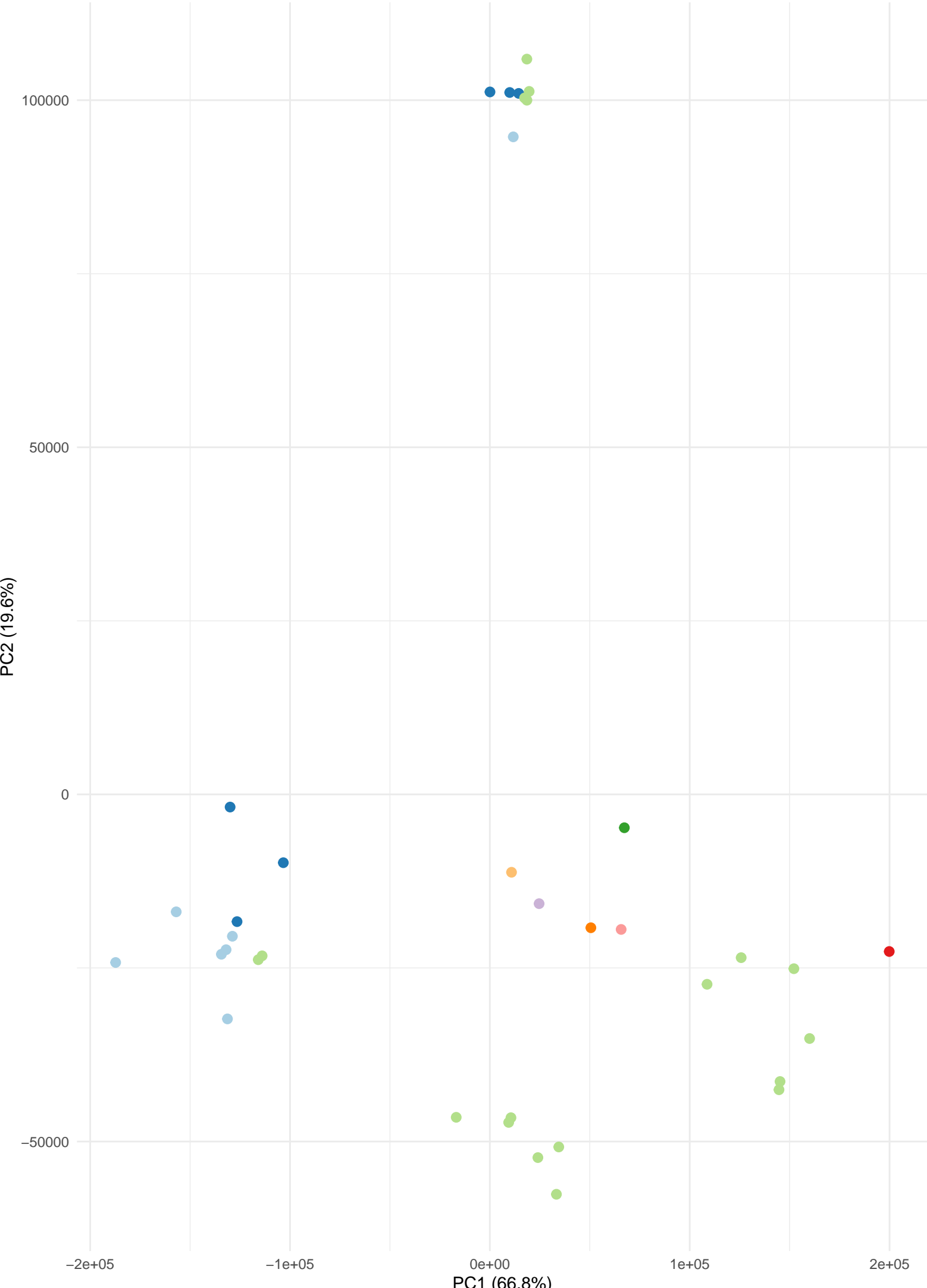
- alternatively activated macrophage
- alternatively activated macrophage 0cc882b9-8b8a-47a0-a3b9-c7e93a064919
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- alternatively activated macrophage 5c4e62a5-7f52-4d66-a91f-b23c7611212e
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- alternatively activated macrophage 8624b7b6-5098-4bc9-aba9-d1cd2aa655bd
- alternatively activated macrophage e1c8805b-c7d8-432c-a71f-ce99c408384e
- inflammatory macrophage 42f5ce34-deb7-4ac0-b9e4-302f2814e3a0
- inflammatory macrophage 5268e353-f434-412e-8299-ac0cca9ebf82
- inflammatory macrophage 73f81a47-8c88-47c5-8e6c-3a5578301c24
- inflammatory macrophage 772f8c24-349d-411e-89ee-365ee8b061d3
- inflammatory macrophage ab7cb639-ecd3-42ac-8ad6-849b1c3925e0
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- macrophage 150f6503-c7ab-44fb-a903-ebf1b17b2625
- macrophage 4a59e98c-3e26-4804-b7ba-03988d438f13
- macrophage 8e67dc03-9ec7-44ad-b29e-5f8ae6fd6378
- macrophage a713bee9-910c-48a7-80c9-37560c997dae
- macrophage cd80d225-f45f-4d16-98f2-5d3ec24845a6
- macrophage fe8c5f2b-ecd9-4169-ba89-b52097de9963
- macrophage imputed

PCA por automated harmonized sample ontology term automated experiments WGBS PBA

automated harmonized sample ontology term automated experiments WGBS PBAT

- alternatively activated macrophage
- macrophage 40683367-35f6-4a1c-83c3-b9c80ec7f67d
- macrophage c3c448a4-34ed-4a9a-b6a0-cd956b489c71
- inflammatory macrophage
- macrophage 69900762-439d-4985-8f18-99e8343e0a36
- macrophage c8e6b7a9-260b-4b8e-ae2c-7b27e75512f2
- macrophage
- macrophage 89154913-658e-46d8-be8d-81961eb89c07
- macrophage f76edb4e-8305-4b55-b0bf-94b537e504c5

PCA por automated harmonized sample ontology term automated experiments RNA.Seq mRNA



automated harmonized sample ontology term automated experiments RNA.Seq mRNA.Seq

alternatively activated macrophage

inflammatory macrophage

macrophage

macrophage 42711739-180f-473c-8ff7-14a795560fcd

macrophage 8c45a9e8-d8b5-4166-93c0-63be9d96dfff

macrophage a7c5b6e6-b037-436d-8a86-14cf9b7471c1

macrophage c56a86f7-91a0-4989-a8ca-04a3ac0b0bbe

macrophage d0b7f437-bc21-4f38-bc23-358cf545987c

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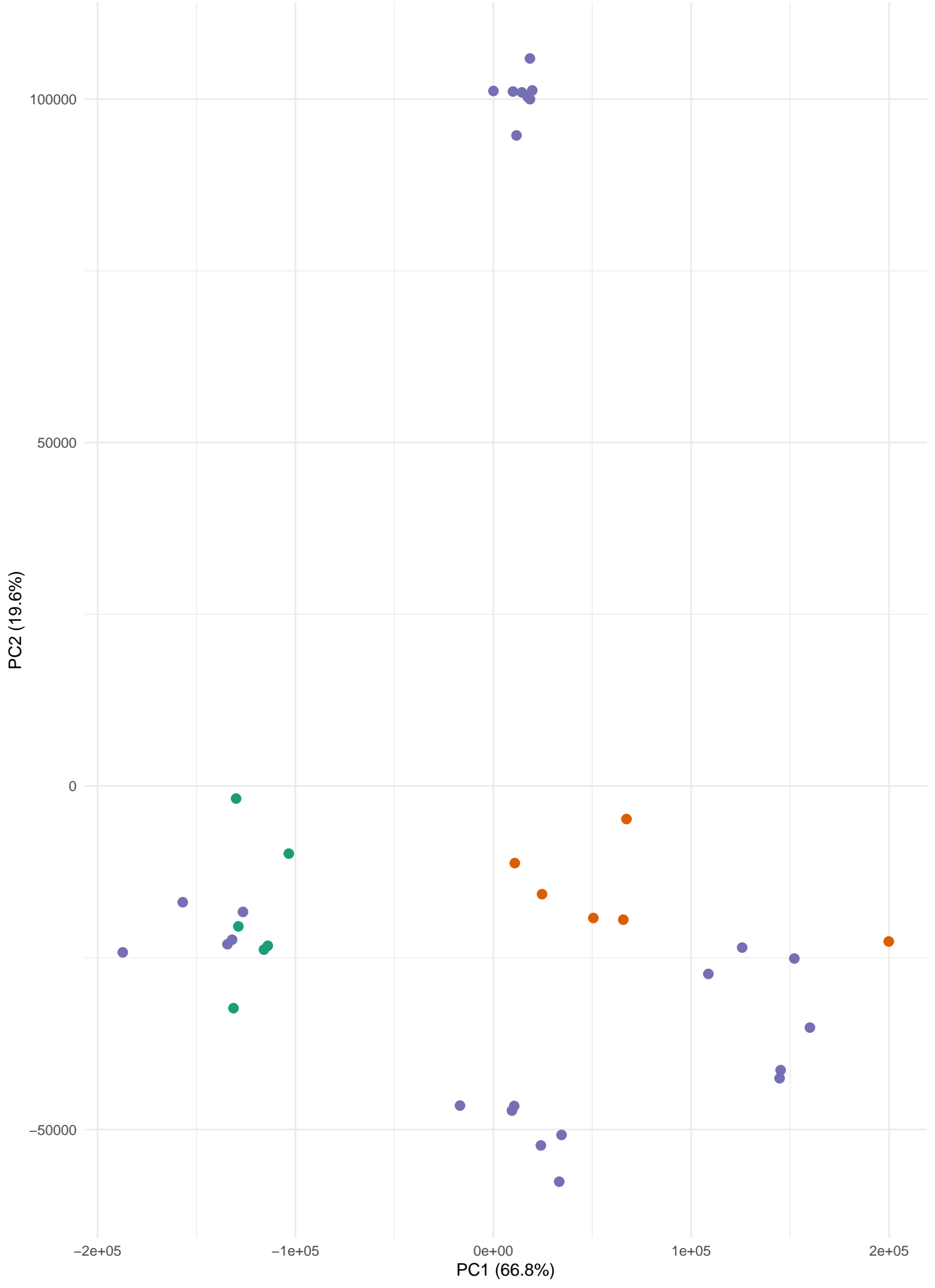
CA por harmonized sample organ order AnetaMikulasova harmonized sample cell 2 order AnetaM

harmonized sample organ order AnetaMikulasova harmonized sample cell 2 order AnetaMikulasova

- blood-umbilical-cord alternatively-activated
- blood-umbilical-cord inflammatory
- blood-umbilical-cord x
- blood-venous alternatively-activated
- blood-venous inflammatory
- blood-venous x

PCA por harmonized sample organ order AnetaMikulasova harmonized sample disease

harmonized sample organ order AnetaMikulasova harmonized sample disease  blood-umbilical-cord None  blood-venous  blood-venous None

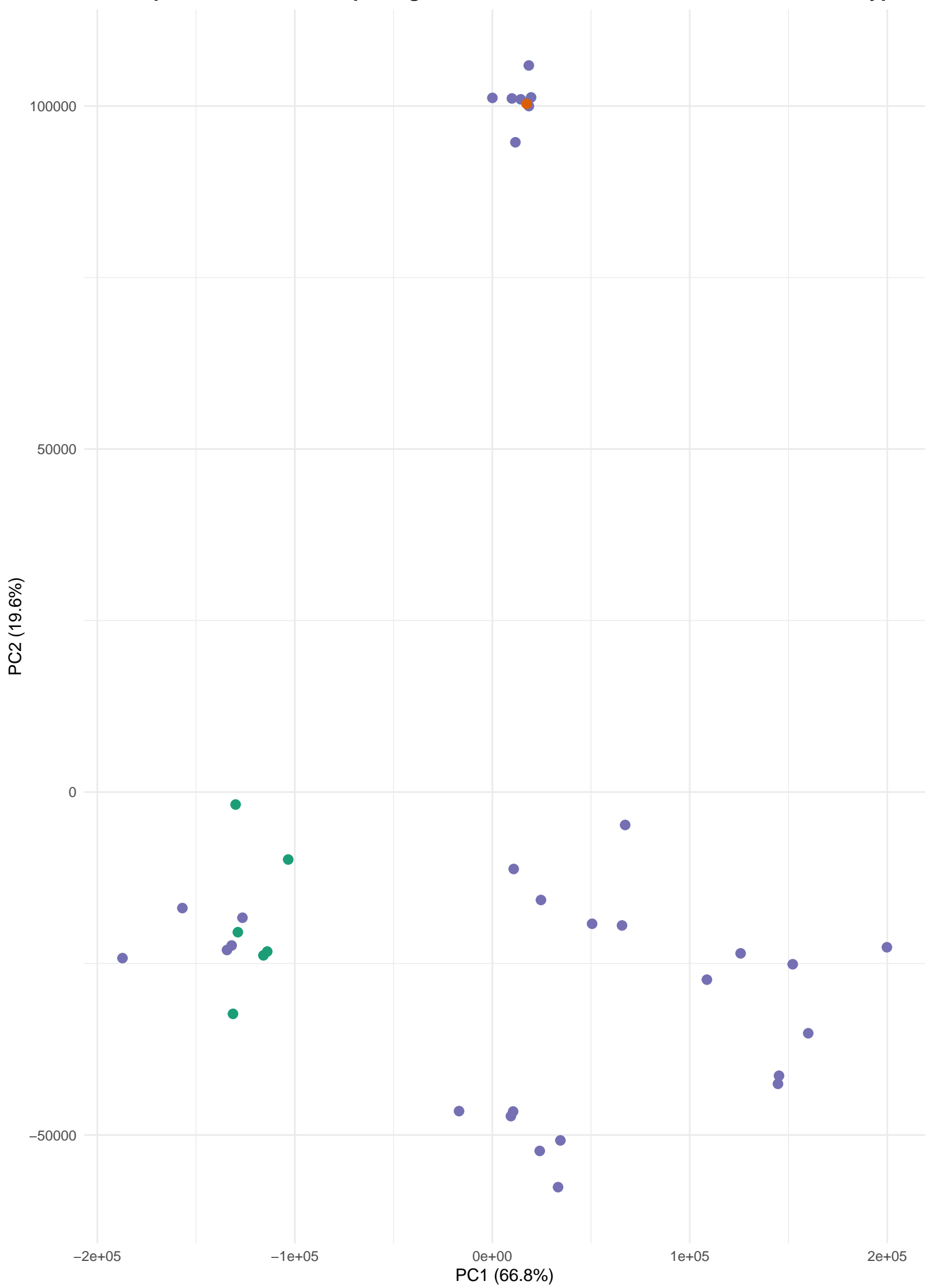


harmonized sample organ order AnetaMikulasova harmonized sample disease ontology curie  blood-umbilical-cord NCIM:C0549184  blood-venous  blood-venous NCIM:C0549184

or harmonized sample organ order AnetaMikulasova automated harmonized sample disease onto

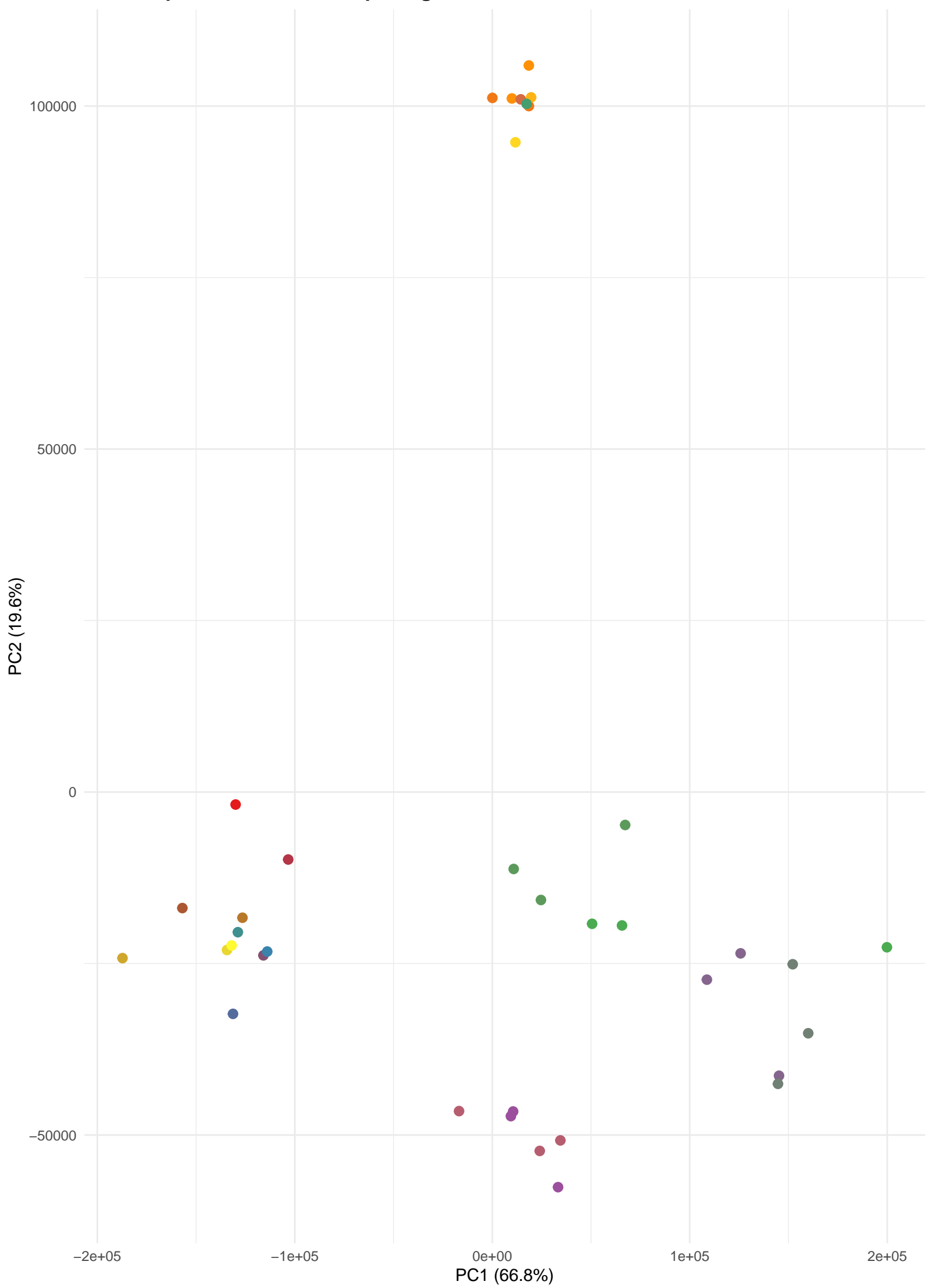
harmonized sample organ order AnetaMikulasova automated harmonized sample disease ontology curie ncit  blood-umbilical-cord NCIT:C41132  blood-venous  blood-venous NCIT:C41132

PCA por harmonized sample organ order AnetaMikulasova harmonized donor type



harmonized sample organ order AnetaMikulasova harmonized donor type ● blood-umbilical-cord Single donor ● blood-venous Composite ● blood-venous Single donor

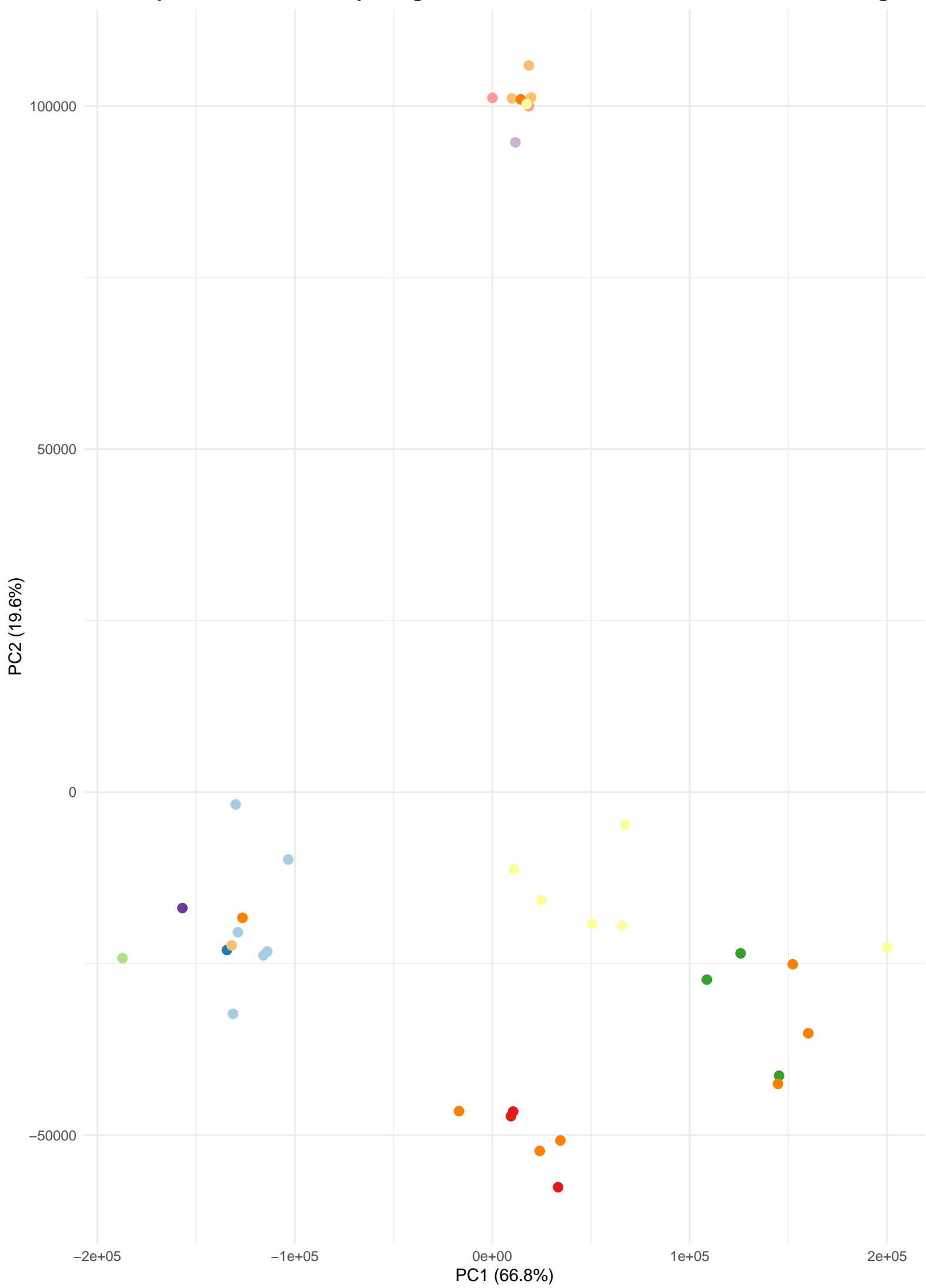
PCA por harmonized sample organ order AnetaMikulasova harmonized donor id

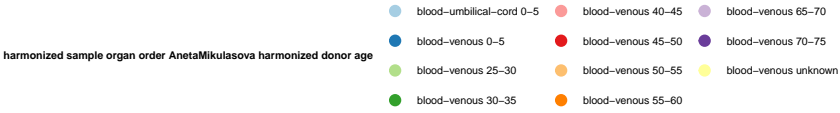


harmonized sample organ order AnetaMikulasova harmonized donor id

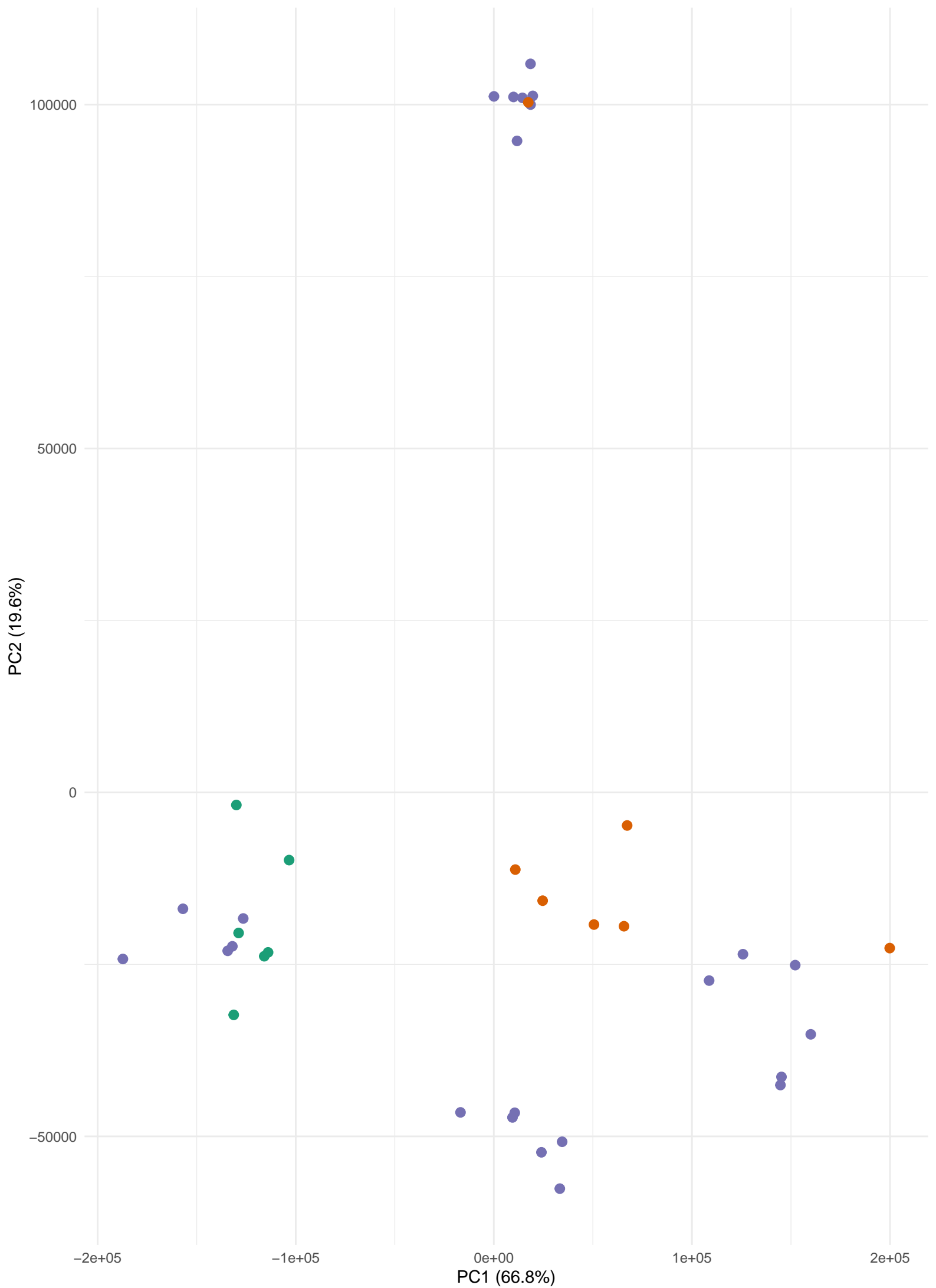
● blood-umbilical-cord S0018A	● blood-venous 43_Hm05	● blood-venous S00390
● blood-umbilical-cord S007SK	● blood-venous N00031318490130	● blood-venous S00622
● blood-umbilical-cord S00BHQ	● blood-venous N00031319896021	● blood-venous S006VI
● blood-umbilical-cord S00C1H	● blood-venous N00031406634921	● blood-venous S00BS4
● blood-umbilical-cord S00DVR	● blood-venous N00031406635321	● blood-venous S00FTN
● blood-umbilical-cord S00E8W	● blood-venous S001MJ	● blood-venous S00H6O
● blood-venous	● blood-venous S001S7	● blood-venous S00J8C
● blood-venous 43_Hm03	● blood-venous S0022I	

PCA por harmonized sample organ order AnetaMikulasova harmonized donor age





PCA por harmonized sample organ order AnetaMikulasova harmonized donor age unit

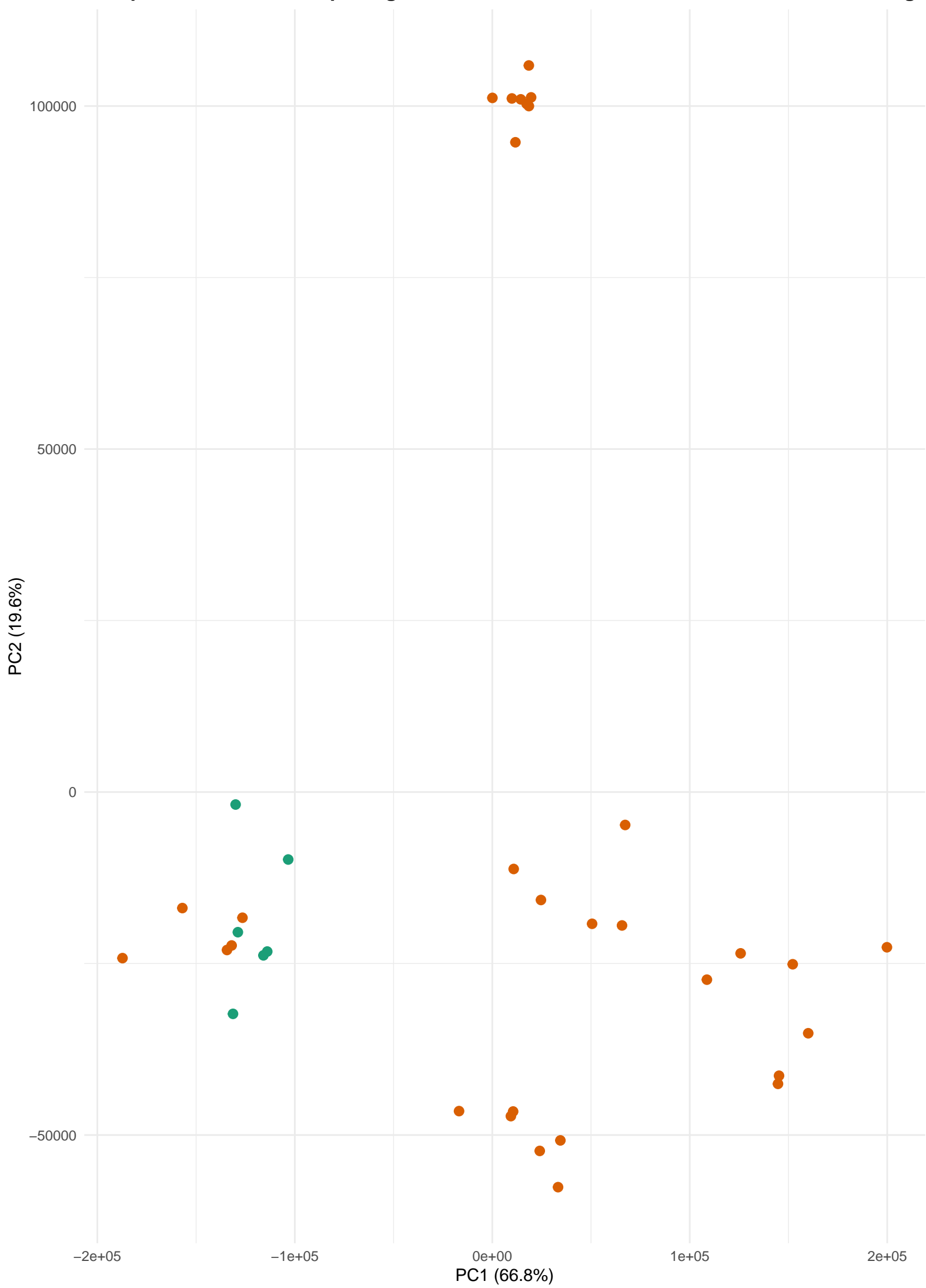


harmonized sample organ order AnetaMikulasova harmonized donor age unit ● blood-umbilical-cord year ● blood-venous unknown ● blood-venous year

PCA por harmonized sample organ order AnetaMikulasova automated harmonized donor age in



PCA por harmonized sample organ order AnetaMikulasova harmonized donor life stage



harmonized sample organ order AnetaMikulasova harmonized donor life stage ● blood-umbilical-cord child ● blood-venous adult

PCA por harmonized sample organ order AnetaMikulasova harmonized donor life stage uncorr

harmonized sample organ order AnetaMikulasova harmonized donor life stage uncorrected



blood-umbilical-cord child



blood-venous child



blood-venous adult



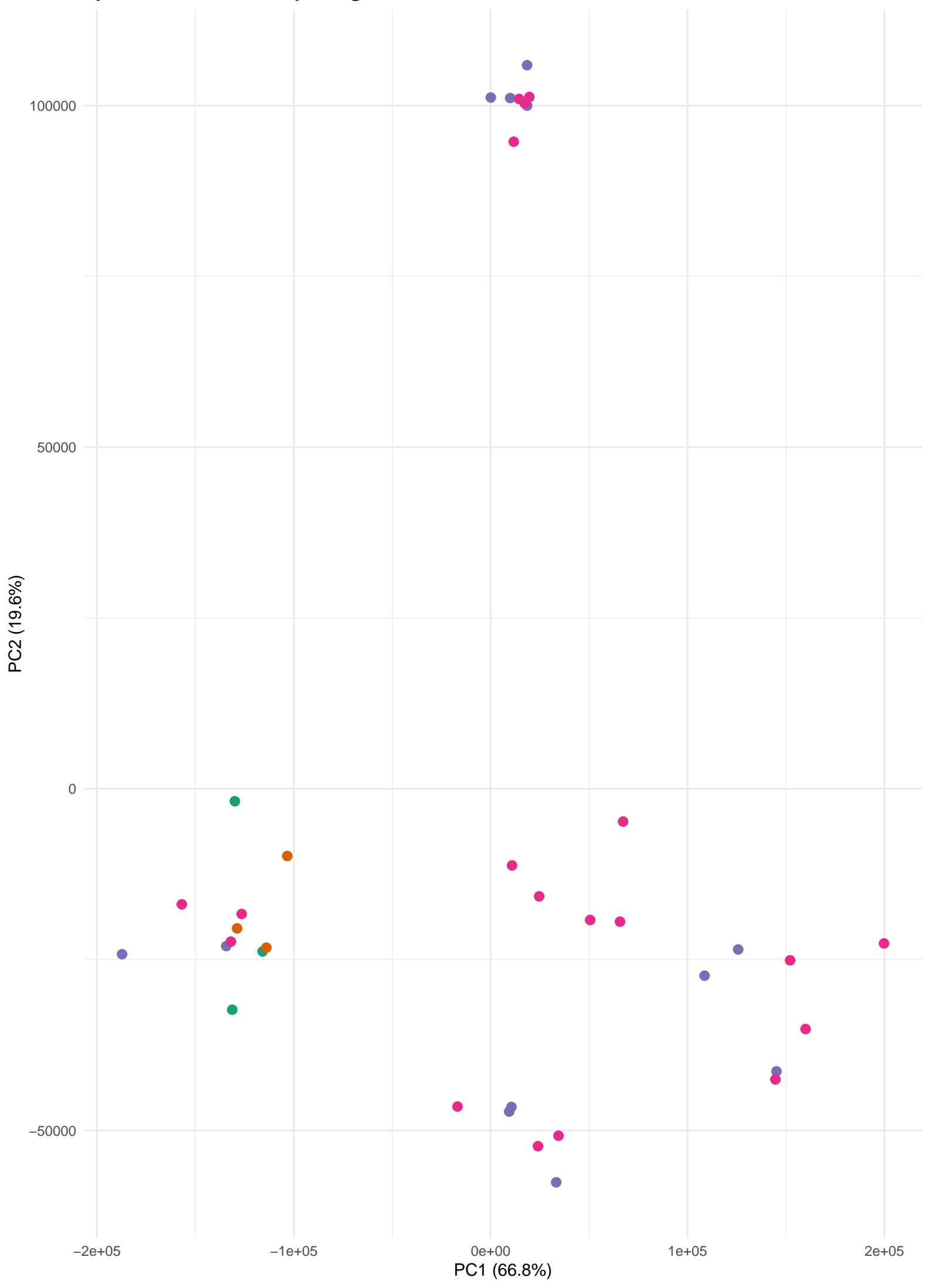
blood-venous unknown

PCA por harmonized sample organ order AnetaMikulasova harmonized donor sex

harmonized sample organ order AnetaMikulasova harmonized donor sex

●	blood-umbilical-cord female	●	blood-venous female
●	blood-umbilical-cord male	●	blood-venous male

PCA por harmonized sample organ order AnetaMikulasova harmonized donor sex uncorrected



harmonized sample organ order AnetaMikulasova harmonized donor sex uncorrected



blood-umbilical-cord female



blood-venous female

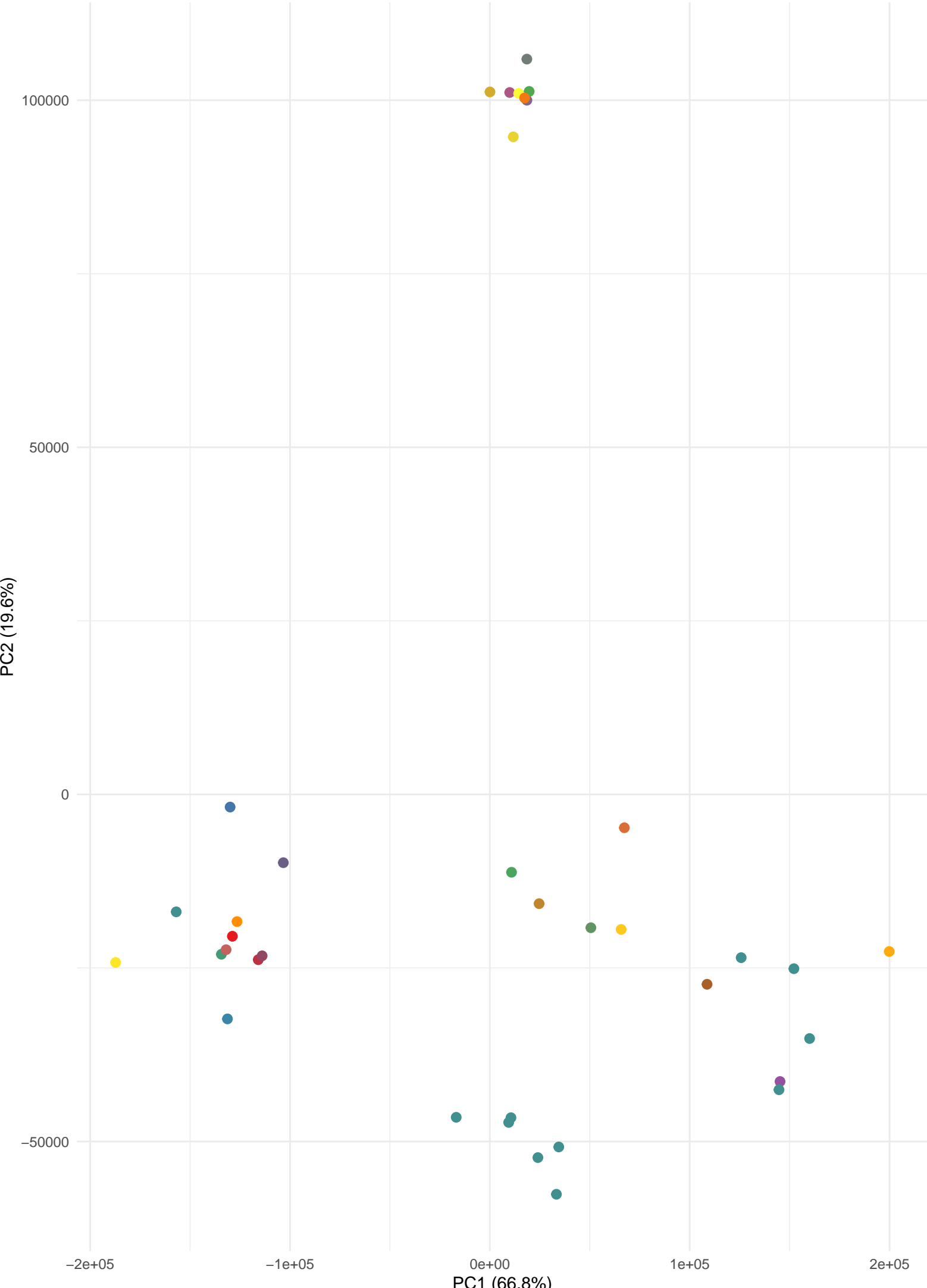


blood-umbilical-cord male



blood-venous male

PCA por harmonized sample organ order AnetaMikulasova automated experiments ChIP.Seq H3



harmonized sample organ order AnetaMikulasova automated experiments ChIP.Seq H3K27ac

● blood-umbilical-cord	● blood-venous 2e1ab747-5c43-4469-97d5-a2e674bc3ee6	● blood-venous 9cc4804f-5850-46a5-b627-ca441aa97c73
● blood-umbilical-cord 6767ca98-deae-49f6-b4ac-75d0144ce28	● blood-venous 30aebd5d-55b8-4958-834c-27c8c0a165bb	● blood-venous 9f989b17-6131-4e53-a04c-2c3b0ade703c
● blood-umbilical-cord cbf21cc3-59bc-4d31-8242-16b6ee9a92b5	● blood-venous 3d6a9515-43c7-44fc-85d7-9f3ee3c4083d	● blood-venous a4b839f4-cb72-4000-8141-3e889aede665
● blood-umbilical-cord d7bae694-a963-49cd-91a4-12894b97ce77	● blood-venous 433bc629-750b-4674-bbb1-9759454f2728	● blood-venous a976fdae-f5dd-439a-80ce-578a0400ca86
● blood-umbilical-cord e6c68a5d-37e7-47a6-8c62-20a8e3b053f3	● blood-venous 482731ca-3e9c-4d2c-8f58-b7fbaeadaf16	● blood-venous b164f810-2e27-4827-b5c8-f5006a5eea9e
● blood-umbilical-cord f7f2e0ed-3f12-40ea-ab1e-c5e10f8d62d8	● blood-venous 6de3a207-ef97-4cbc-a25e-5966bc51a6e1	● blood-venous b3adf3d7-6c77-4bc6-a996-7aa999aedf39
● blood-venous	● blood-venous 7a04d905-73a0-4079-9968-67c3833836fc	● blood-venous c7277a95-3c87-4ff4-8d24-2adf03b194fd
● blood-venous 21204e63-5580-42b6-aaaf-3888daa8192c	● blood-venous 87217a77-af17-4375-b2cb-d5433d7630b0	● blood-venous d4812fd5-35f7-424c-8ea9-21e1d395b54b
● blood-venous 2c3a006d-4902-4554-a0ba-f4040c3979e5	● blood-venous 90c9bd75-e378-4adf-8726-9bc0261986e3	● blood-venous fbfd53da-2abb-44c5-8840-6fb61a0caadc

PCA por harmonized sample organ order AnetaMikulasova automated experiments ChIP.Seq H3

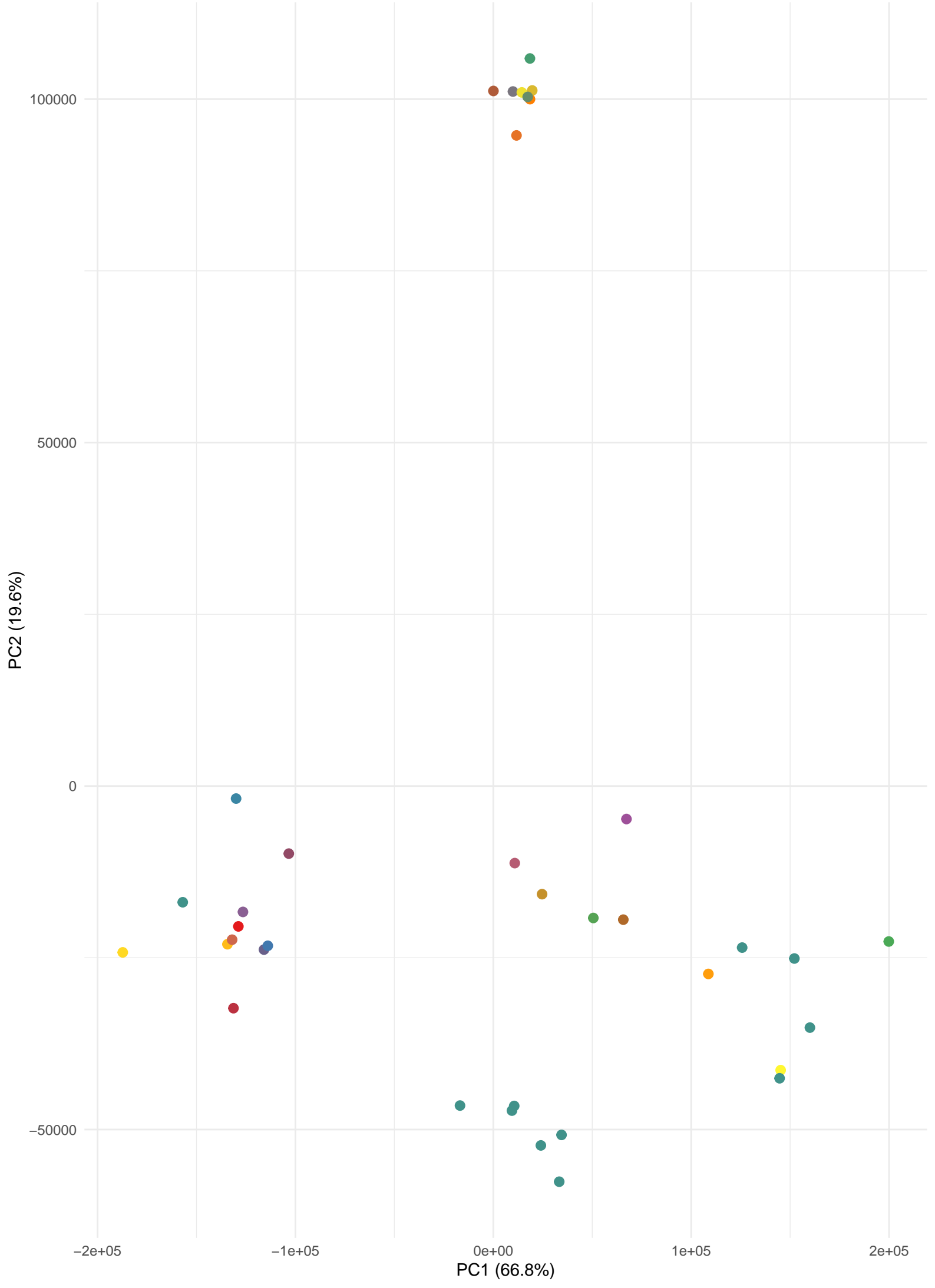
harmonized sample organ order AnetaMikulasova automated experiments ChIP.Seq H3K27me3

● blood-umbilical-cord	● blood-venous 165f7781-9b32-4127-9b7e-a3c22e1d8bc5	● blood-venous ad699f10-b9f0-4846-a1ea-444cf5fe468b
● blood-umbilical-cord 4a5cfc14-4daf-4d77-9a82-2b790575203a	● blood-venous 2619468f-904f-46bd-8da3-9c85fdeceff5	● blood-venous b023ec65-be95-4de5-9819-d9f875a6d3d4
● blood-umbilical-cord 5458814b-5fa1-4409-81d6-3110fe5029f7	● blood-venous 416699f9-7423-4550-be49-8f02faa2b0d5	● blood-venous b966e498-d9a0-444f-86dc-2c73303063dc
● blood-umbilical-cord 87d6d4cc-d709-448c-855d-51ab38c2c5f0	● blood-venous 53d89d9f-5949-4fc0-a0f7-bbac9f0fea51	● blood-venous c8466bde-130e-4c84-b299-b3eb4c8abdc7
● blood-umbilical-cord c103ff2c-a6eb-4f1b-a426-7944eb0db1a5	● blood-venous 73056630-65cd-44da-94ab-6886ae9d01cc	● blood-venous d70df12a-56c6-409a-9efd-6ac48fef39f8
● blood-umbilical-cord imputed	● blood-venous 7b485c8e-2ba6-4ba4-bb0c-5db4ffb286e5	● blood-venous f8311262-12e2-4b8d-b11c-8637f8303ed6
● blood-venous	● blood-venous 83b0b921-e0bc-4aa4-a2f0-7efee9bf544b	● blood-venous fd09db81-b70e-42c7-a7a4-5b21da281b0c
● blood-venous 0acd5931-0b73-476b-8e24-3d3f33e51c4f	● blood-venous 9cf12c10-316c-45d2-aded-5ea53e80f354	● blood-venous imputed
● blood-venous 10501a10-327b-4601-8d8d-0d0bc776bb15	● blood-venous acc389c8-306d-460f-95cb-548ca498e7e9	

PCA por harmonized sample organ order AnetaMikulasova automated experiments ChIP.Seq H3

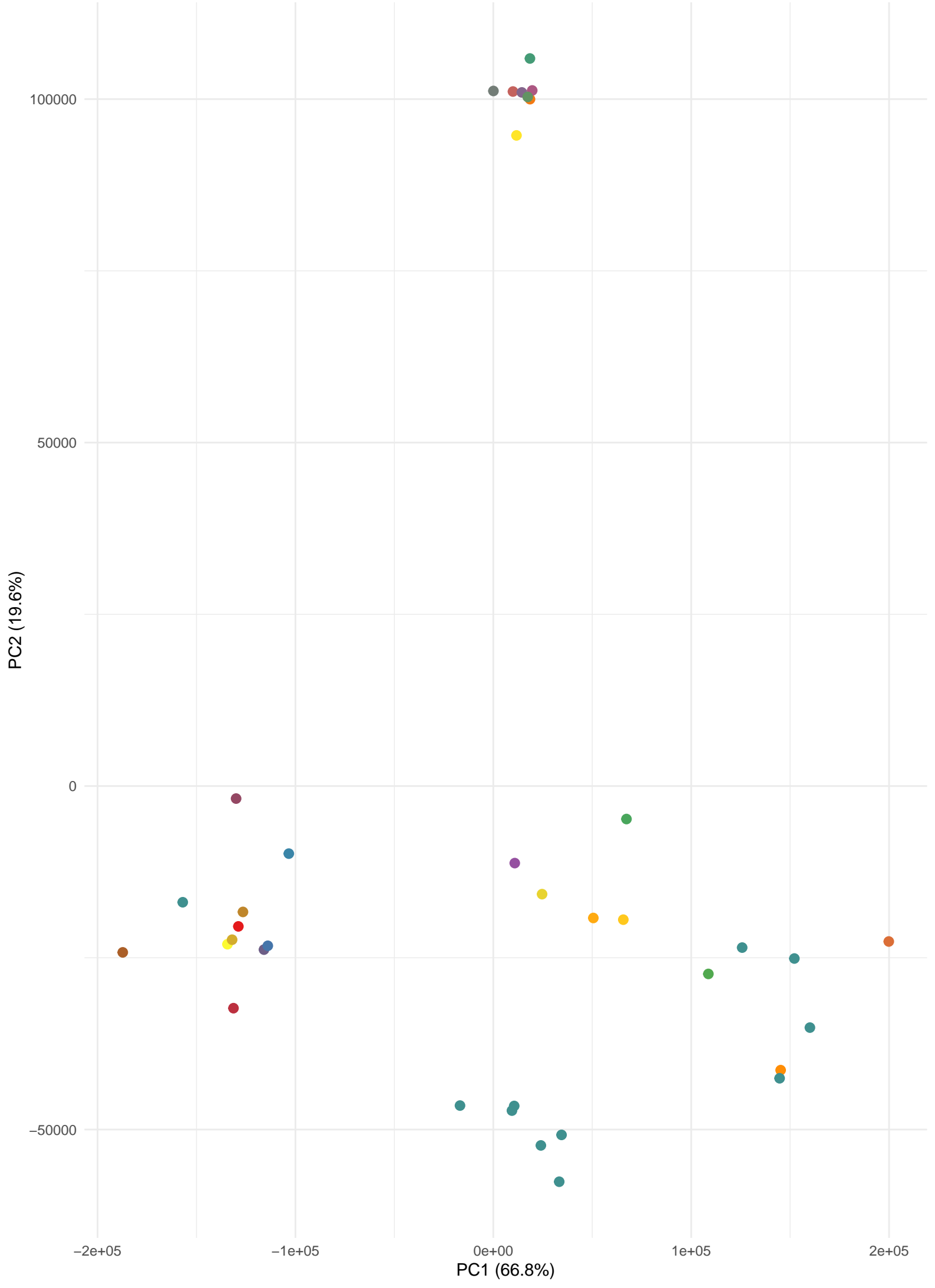
harmonized sample organ order AnetaMikulasova automated experiments ChIP.Seq H3K36me3

- blood-umbilical-cord
- blood-umbilical-cord 510139c3-77ab-4865-bfdf-41696f4f603b
- blood-umbilical-cord 78afa2e5-5711-4b0e-8724-55134969481b
- blood-umbilical-cord baf1b6b5-96f6-42d1-907a-07181459fd3c
- blood-umbilical-cord e9ec476a-ba27-4442-9d25-8e1fc0abb738
- blood-umbilical-cord f239d3f1-9d11-4bf4-aece-ad23d5390811
- blood-venous
- blood-venous 03a5399b-8198-4c5d-9733-643e52230ded
- blood-venous 05fcdabc-d11f-4f6c-af26-2868c8125e10
- blood-venous 0efb30a1-ec4a-41e3-8cd9-c8f03f347482
- blood-venous 10d36a04-e044-4c40-9b45-3ef18c963298
- blood-venous 1c0d18ed-c4d2-41ac-9e17-5a303f7f990f
- blood-venous 214d1f33-bcb6-4ac8-b4dd-0158df3742ae
- blood-venous 248d0803-44a8-4240-ab7f-e2ff74839d74
- blood-venous 43a724cd-c3b0-46db-9b56-bc285ebfa0a4
- blood-venous 5334d23f-e014-40d2-bc7a-ac83a243daae
- blood-venous 5d44418c-818f-4534-8844-0d0e8e0143a7
- blood-venous 7ba479df-2d75-4a21-a2dc-30d87eedc37a
- blood-venous 8d5b3081-225e-438e-b618-c17adc495516
- blood-venous 9f5e6354-a818-4c74-a982-f5d683781afe
- blood-venous b2ccf16a-9055-4734-b0ff-eb0714415e6a
- blood-venous b5663e0a-6a83-45b1-ab56-04d7ac22eee1
- blood-venous dfc53e95-4862-4384-a735-dc9483aed805
- blood-venous eeae79e0-ee5e-42e1-9f29-f42824b74440
- blood-venous fad9bc04-0bdc-4657-b500-fd85f0e8342e
- blood-venous imputed



harmonized sample organ order AnetaMikulasova automated experiments ChIP.Seq H3K4me1

● blood-umbilical-cord	● blood-venous 157e52bc-84ef-4d37-b10e-cb4efc8ff94d	● blood-venous bff43e30-3898-49cc-b008-9b0dc8f55c5c
● blood-umbilical-cord 18017a46-582b-4ca3-bfb4-e75efa17aec2	● blood-venous 2c79bca0-4ffc-465a-9643-ae105e9920dd	● blood-venous c56fb850-5356-4ade-95b8-b00dc069d5ee
● blood-umbilical-cord 986cff92-5d42-4625-83db-98aad85f151e	● blood-venous 39d08846-3228-45c0-bd7e-10e6a5452dea	● blood-venous c58e2138-e12f-4d11-9ec1-2028a8fe702b
● blood-umbilical-cord a3c721fe-088e-4da8-972b-3d6efe322bd3	● blood-venous 630bb3ae-2002-42b3-97d8-83059d35c603	● blood-venous c6514d1f-f7d6-47e3-b3e7-3a9905e2253b
● blood-umbilical-cord baca5345-ebfb-42c5-84f7-5edc7d833347	● blood-venous 856e5189-b10a-47ac-b38e-4f26c4b023ef	● blood-venous cee73c3b-e806-4f6a-ad30-ab01efc5dd22
● blood-umbilical-cord imputed	● blood-venous 93858f63-89ca-4fc1-b09c-156027aeb63c	● blood-venous d0e9d2b8-31ed-4f18-844f-ade1dc88724d
● blood-venous	● blood-venous 9f15cdcc-7468-4a84-87ee-af65c5fba810	● blood-venous dafab27e-9fa4-4e54-8b12-f34d3390d9ba
● blood-venous 0538648e-28a0-4873-a813-aa0eabee27b	● blood-venous b55212c4-278a-46e6-a914-7321e68a657d	● blood-venous df6f0905-c0c8-425c-b0f1-0f9ff68f7793
● blood-venous 0b0c5786-e084-4954-a96f-72d7a88b913e	● blood-venous bbe0fcd9-1f38-4b05-9389-41cc4d505f6b	● blood-venous ec42c011-831b-49c5-9977-34d991e095bb



harmonized sample organ order AnetaMikulasova automated experiments ChIP.Seq H3K4me3

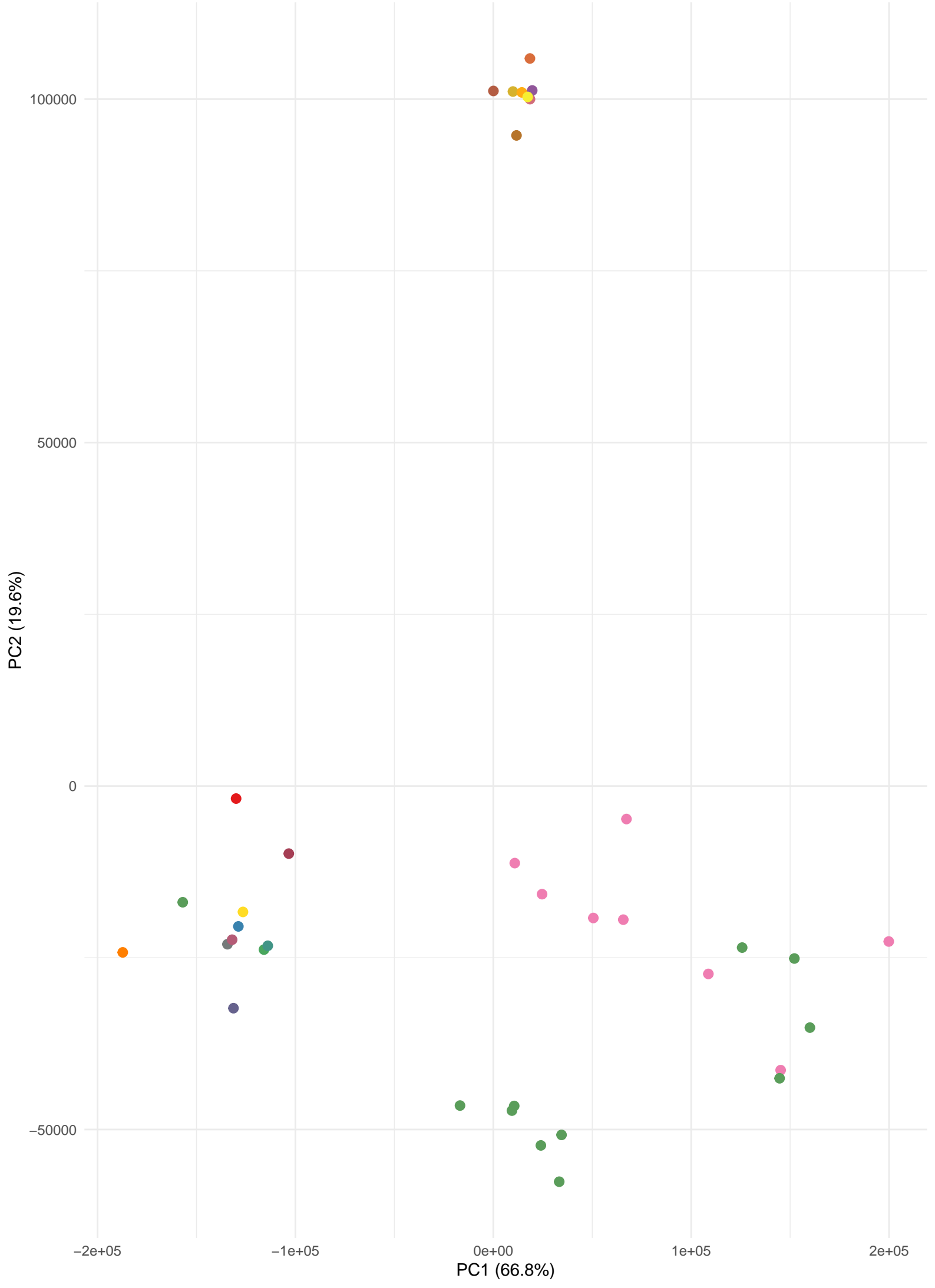
● blood-umbilical-cord	● blood-venous 496e2776-f949-46e9-b8e0-128b76bd9973	● blood-venous 8ee0a04a-5612-416e-ac66-d602a8924e09
● blood-umbilical-cord 439fb477-565a-4b82-aafe-9e994f42714a	● blood-venous 572015db-a516-4eed-8b5a-e618b75e15df	● blood-venous a52cd623-a184-4ce6-8066-ac70ff355274
● blood-umbilical-cord 4be19dac-925e-41ed-a10e-e655699d9860	● blood-venous 5bed80d6-eb1b-4fb5-93cf-fb84cc149a27	● blood-venous b39bd01e-3692-461c-860c-2c0569187cd6
● blood-umbilical-cord 62fa2045-d9f3-4558-b7a5-d28794180b9a	● blood-venous 5faf25b7-5b6a-4afc-97ea-2be45d35d279	● blood-venous bc704cb6-f394-4a6d-8ba1-6481c2b4d10c
● blood-umbilical-cord bfc2b274-c20f-442d-8122-50773b141fdb	● blood-venous 6dfa680d-8376-4b60-8c1f-da208b5f4900	● blood-venous bd23c770-d9c3-4fd2-8198-dd9ba0210881
● blood-umbilical-cord c463eafa-ded1-4a7b-ab31-187e5f8f0b63	● blood-venous 7a0eab6c-12cc-401e-88c5-dd56ded2f99e	● blood-venous c1fee8a1-8e98-40e9-a12f-8704d30f2e67
● blood-venous	● blood-venous 83061f51-ee60-414a-8d1a-f39f15277497	● blood-venous c9963a54-6a2b-4612-99dc-6250ce6e822f
● blood-venous 3d357458-dac4-46c8-9503-75e624ca3151	● blood-venous 87740d95-2152-4bf6-9e4b-40324c82c60e	● blood-venous cd34de67-c526-40fb-aa45-62b2369a1b8a
● blood-venous 44c273dc-24c7-4e79-b228-7ff7c6ee7d07	● blood-venous 89836fcc-e8df-40b9-ae22-e9fdca288170	● blood-venous d1f4129b-e6ff-405f-b3b6-109916a68dc5

PCA por harmonized sample organ order AnetaMikulasova automated experiments ChIP.Seq H3

harmonized sample organ order AnetaMikulasova automated experiments ChIP.Seq H3K9me3

● blood-umbilical-cord	● blood-venous 24e1c000-860b-414c-8a5a-cb73e98c0c6a	● blood-venous 94ad3781-f8aa-4d56-830a-df16a910858c
● blood-umbilical-cord 1d49e429-7d54-40c1-a965-968c057abf12	● blood-venous 531c01db-d7ec-4377-be41-51b3cab349a9	● blood-venous 9c54dc88-50cd-4207-80de-15a482501404
● blood-umbilical-cord 409fce32-3c80-4968-819f-d774f110df209	● blood-venous 560a707c-11f9-456f-9667-23fa8be1b9b6	● blood-venous a62efed1-28b1-4005-b980-2a01726331e7
● blood-umbilical-cord 859b49cb-ac61-48c4-a1ad-a49ca139de17	● blood-venous 6615446a-840c-42f3-8de3-7683d60a1480	● blood-venous ab339ba6-8e79-4160-a042-90f773410cae
● blood-umbilical-cord f8b01218-a3f8-48dc-884c-14b62675daca	● blood-venous 6d2c1eb1-64cd-4b80-95ec-5404bd3906e9	● blood-venous ad6f214b-6bc2-494d-ba70-0c0eed50632c
● blood-umbilical-cord imputed	● blood-venous 7f8e529d-cf30-4d19-82b7-6287d94d8e26	● blood-venous b5d4a5b3-a118-48b7-a386-2e56f2330a88
● blood-venous	● blood-venous 8f8990bc-bdfc-474d-b52f-20c0591d22d2	● blood-venous b96d5c84-a138-4fe2-8971-713e73270893
● blood-venous 153650ef-7ef6-43cd-b5dc-cf062deb8afd	● blood-venous 916f86f3-bba4-4f2a-8dee-7255de7413cf	● blood-venous imputed
● blood-venous 1726d2d4-326e-4dc2-912a-cee3015ea75f	● blood-venous 91e9ef78-52b0-44be-b463-2c4d06233b83	






PCA por harmonized sample organ order AnetaMikulasova automated experiments WGBS stan

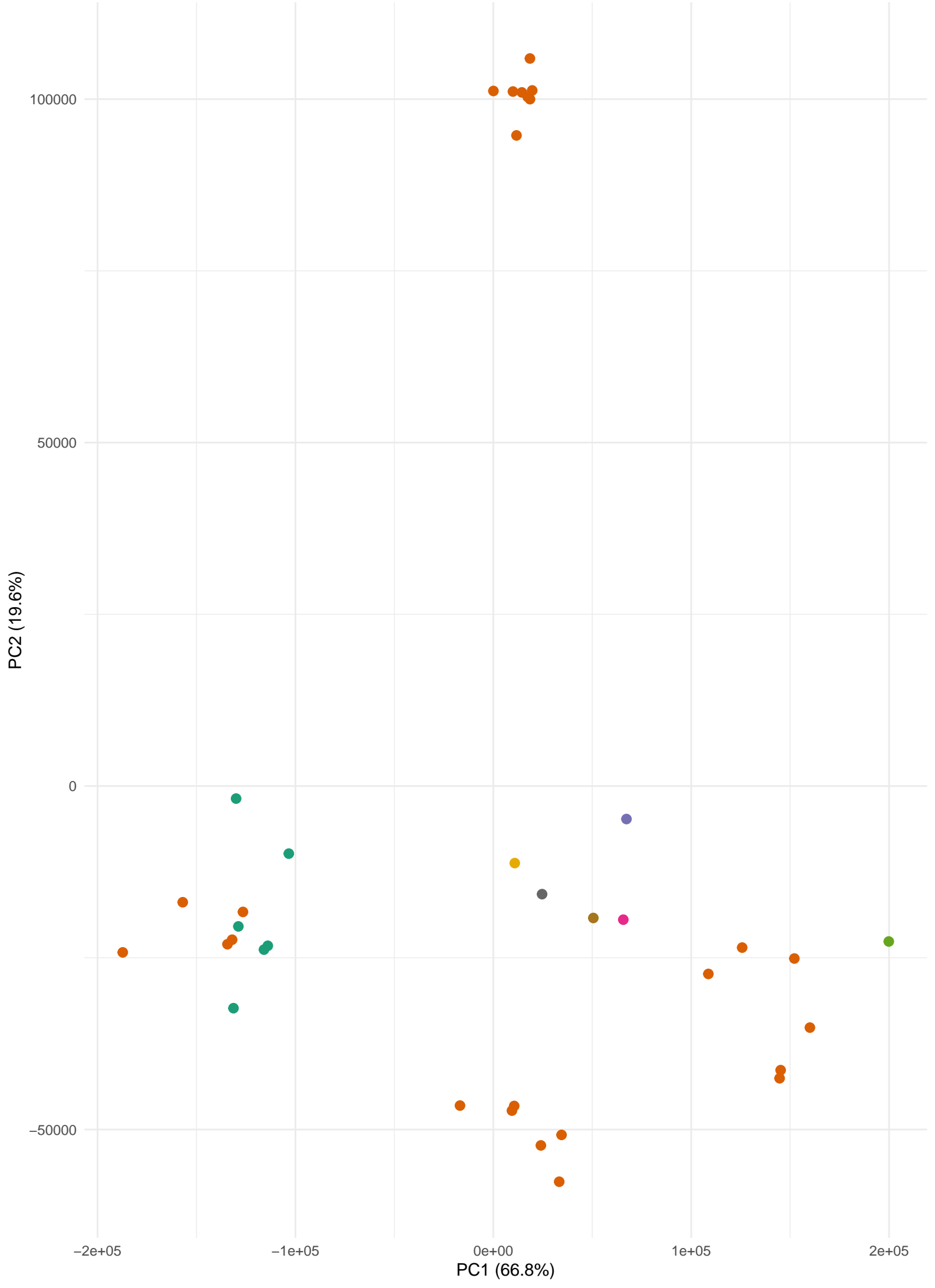










harmonized sample organ order AnetaMikulasova automated experiments WGBS standard

- | | | |
|---|---|---|
| ● blood-umbilical-cord 42f5ce34-deb7-4ac0-b9e4-302f2814e3a0 | ● blood-venous 0cc882b9-8b8a-47a0-a3b9-c7e93a064919 | ● blood-venous 8e67dc03-9ec7-44ad-b29e-5f8ae6fd6378 |
| ● blood-umbilical-cord 5268e353-f434-412e-8299-ac0cca9ebf82 | ● blood-venous 150f6503-c7ab-44fb-a903-ebf1b17b2625 | ● blood-venous ab7cb639-ecd3-42ac-8ad6-849b1c3925e0 |
| ● blood-umbilical-cord 6bc6f0c2-79ba-4bae-bd7d-f0e99697d044 | ● blood-venous 182c7e63-941c-448e-9a84-d75fe1647c26 | ● blood-venous e1c8805b-c7d8-432c-a71f-ce99c408384e |
| ● blood-umbilical-cord 8624b7b6-5098-4bc9-aba9-d1cd2aa655bd | ● blood-venous 4a59e98c-3e26-4804-b7ba-03988d438f13 | ● blood-venous fadda90c-701d-4d69-b4ae-9a9af8d0c915 |
| ● blood-umbilical-cord a713bee9-910c-48a7-80c9-37560c997dae | ● blood-venous 5c4e62a5-7f52-4d66-a91f-b23c7611212e | ● blood-venous fe8c5f2b-ecd9-4169-ba89-b52097de9963 |
| ● blood-umbilical-cord cd60d225-f45f-4d16-98f2-5d3ec24845a6 | ● blood-venous 73f81a47-8c88-47c5-8e6c-3a5578301c24 | ● blood-venous imputed |
| ● blood-venous | ● blood-venous 772f8c24-349d-411e-89ee-365ee8b061d3 | |

PCA por harmonized sample organ order AnetaMikulasova automated experiments WGBS P

harmonized sample organ order AnetaMikulasova automated experiments WGBS PBAT		blood-umbilical-cord		blood-venous 69900762-439d-4985-8f18-99e8343e0a36		blood-venous c8e6b7a9-260b-4b8e-ae2c-7b27e75512f2
		blood-venous		blood-venous 89154913-658e-46d8-be8d-81961eb89c07		blood-venous f76edb4e-8305-4b55-b0bf-94b537e504c5
		blood-venous 40683367-35f6-4afc-83c3-b9c80ec7f87d		blood-venous c3c448a4-34ed-4a9a-b6a0-cd956b489c71		



harmonized sample organ order AnetaMikulasova automated experiments RNA.Seq mRNA.Seq		blood-umbilical-cord		blood-venous 8c45a968-d8b5-4166-93c0-63be9d96dfff		blood-venous d0b7f437-bc21-4f38-bc23-358cf545987c
		blood-venous		blood-venous a7c5b6e6-b037-436d-8a86-f4cf9b7471c1		blood-venous d4a24721-dc66-4056-a9eb-693beae9b598
		blood-venous 42711739-180f-473c-8ff7-14a795560fcd		blood-venous c56a86f7-91a0-4989-a8ca-04a3ac0b0bbe		

PCA por harmonized sample cell 2 order AnetaMikulasova harmonized sample disease

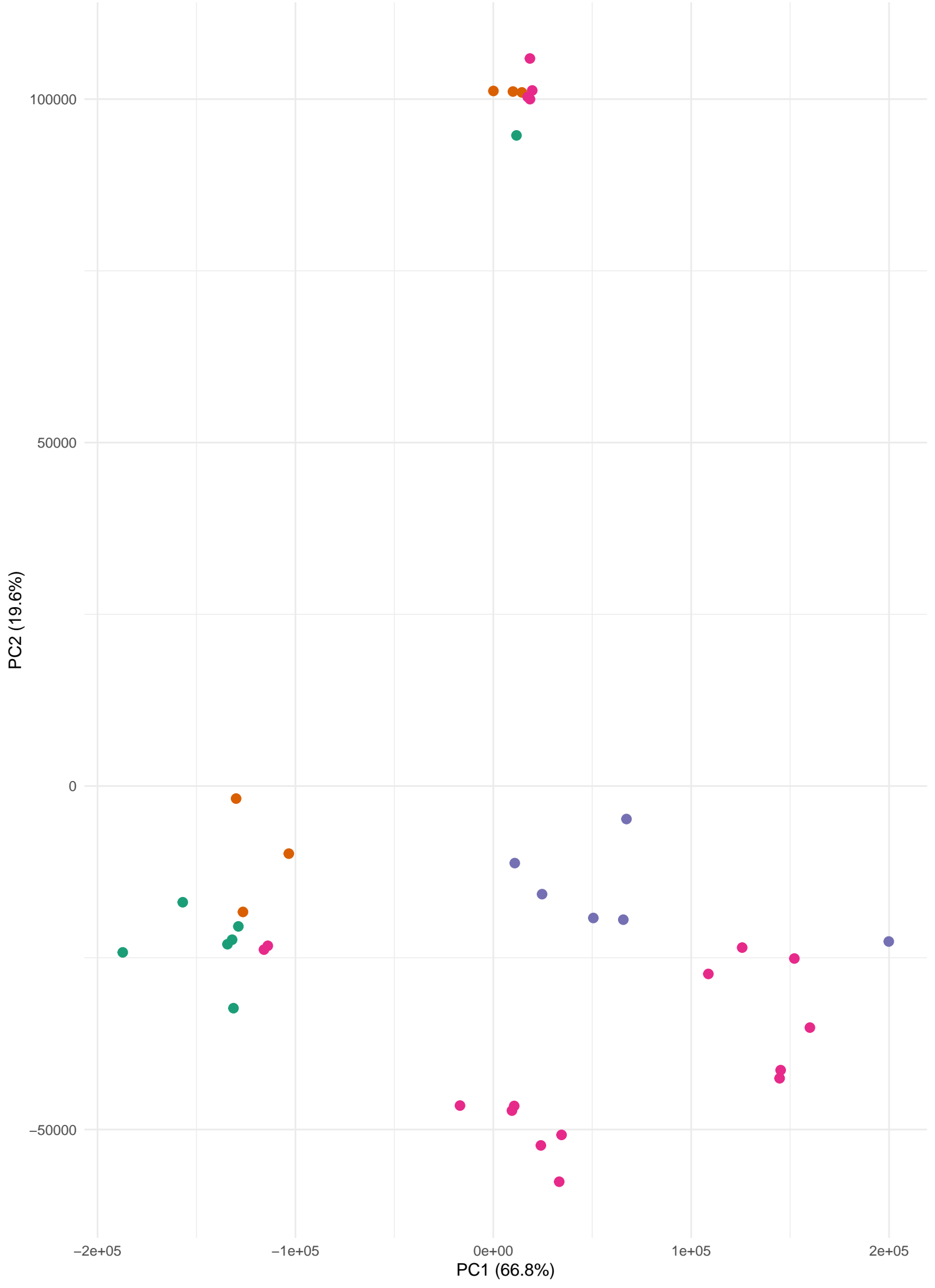
harmonized sample cell 2 order AnetaMikulasova harmonized sample disease



alternatively-activated None
inflammatory None

x
x None

PCA por harmonized sample cell 2 order AnetaMikulasova harmonized sample disease ontolog



harmonized sample cell 2 order AnetaMikulasova harmonized sample disease ontology curie

- alternatively-activated NCIM:C0549184
- inflammatory NCIM:C0549184
- x
- x NCIM:C0549184

or harmonized sample cell 2 order AnetaMikulasova automated harmonized sample disease onto

harmonized sample cell 2 order AnetaMikulasova automated harmonized sample disease ontology curie nci

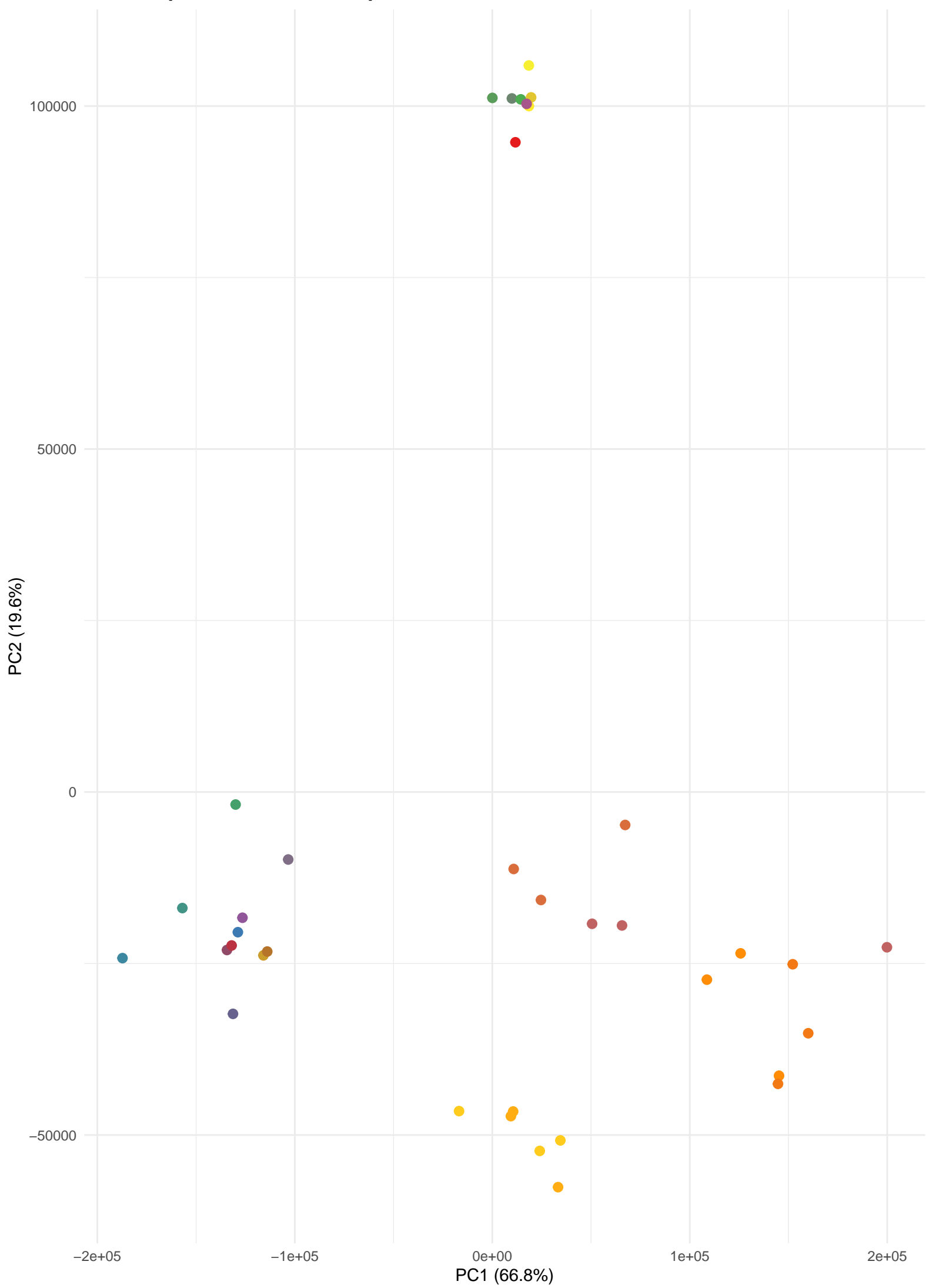
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● inflammatory NCIT:C41132 ● x NCIT:C41132


























PCA por harmonized sample cell 2 order AnetaMikulasova harmonized donor type

harmonized sample cell 2 order AnetaMikulasova harmonized donor type

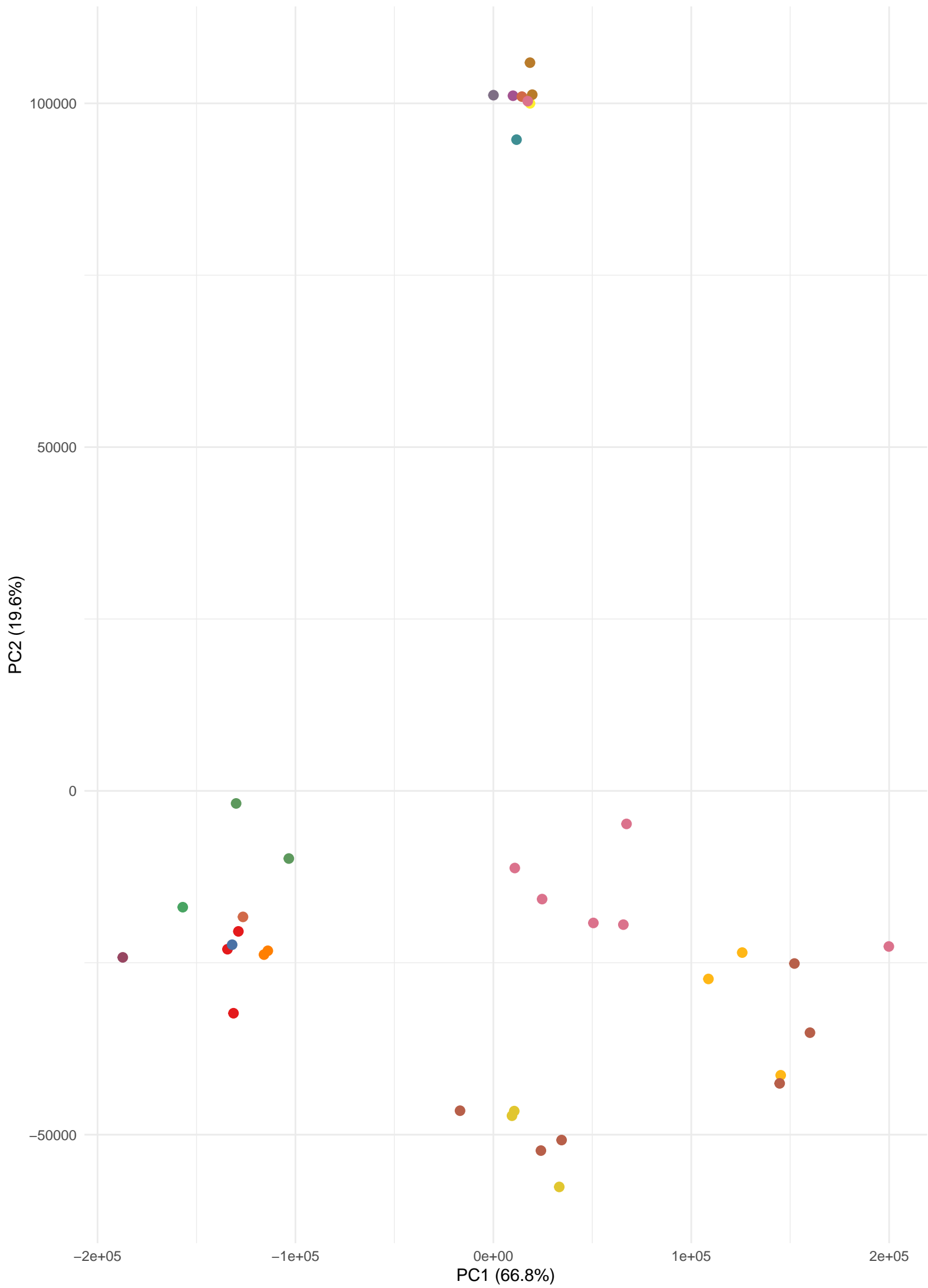
- alternatively-activated Single donor
- inflammatory Single donor
- x Composite
- x Single donor

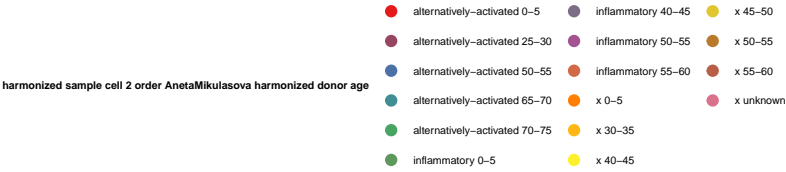
PCA por harmonized sample cell 2 order AnetaMikulasova harmonized donor id



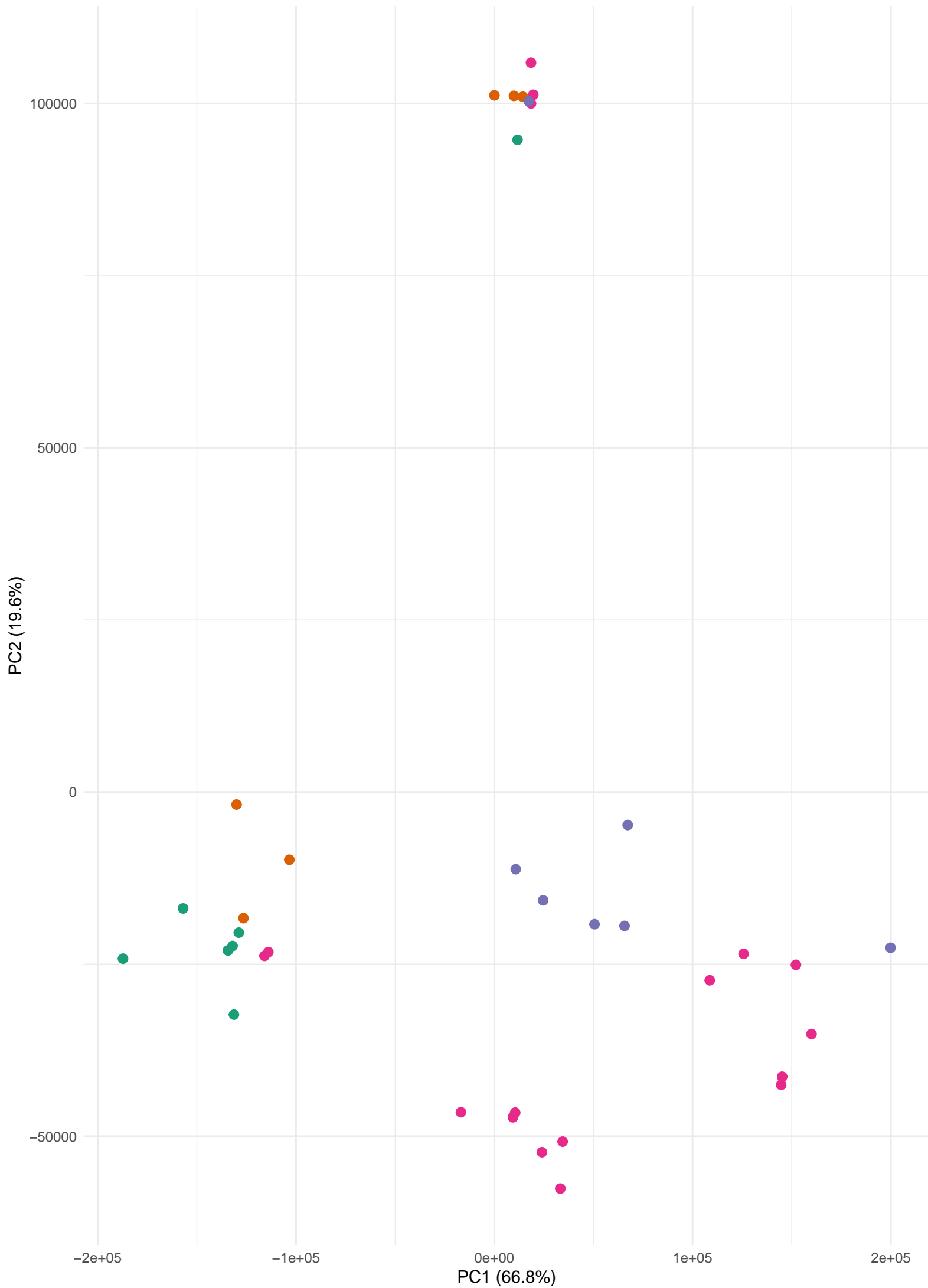
	 alternatively-activated S00622	 inflammatory S001S7	 x N00031406634921
	 alternatively-activated S006VI	 inflammatory S0022I	 x N00031406635321
	 alternatively-activated S00BS4	 inflammatory S007SK	 x S001S7
	 alternatively-activated S00C1H	 inflammatory S00H6O	 x S0022I
harmonized sample cell 2 order AnetaMikulasova harmonized donor id	 alternatively-activated S00E8W	 x	 x S00390
	 alternatively-activated S00FTN	 x 43_Hm03	 x S00BHQ
	 alternatively-activated S00J8C	 x 43_Hm05	 x S00DVR
	 inflammatory S0018A	 x N00031318490130	
	 inflammatory S001MJ	 x N00031319896021	

PCA por harmonized sample cell 2 order AnetaMikulasova harmonized donor age





PCA por harmonized sample cell 2 order AnetaMikulasova harmonized donor age unit



harmonized sample cell 2 order AnetaMikulasova harmonized donor age unit



alternatively-activated year



inflammatory year



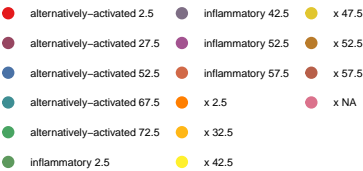
x unknown



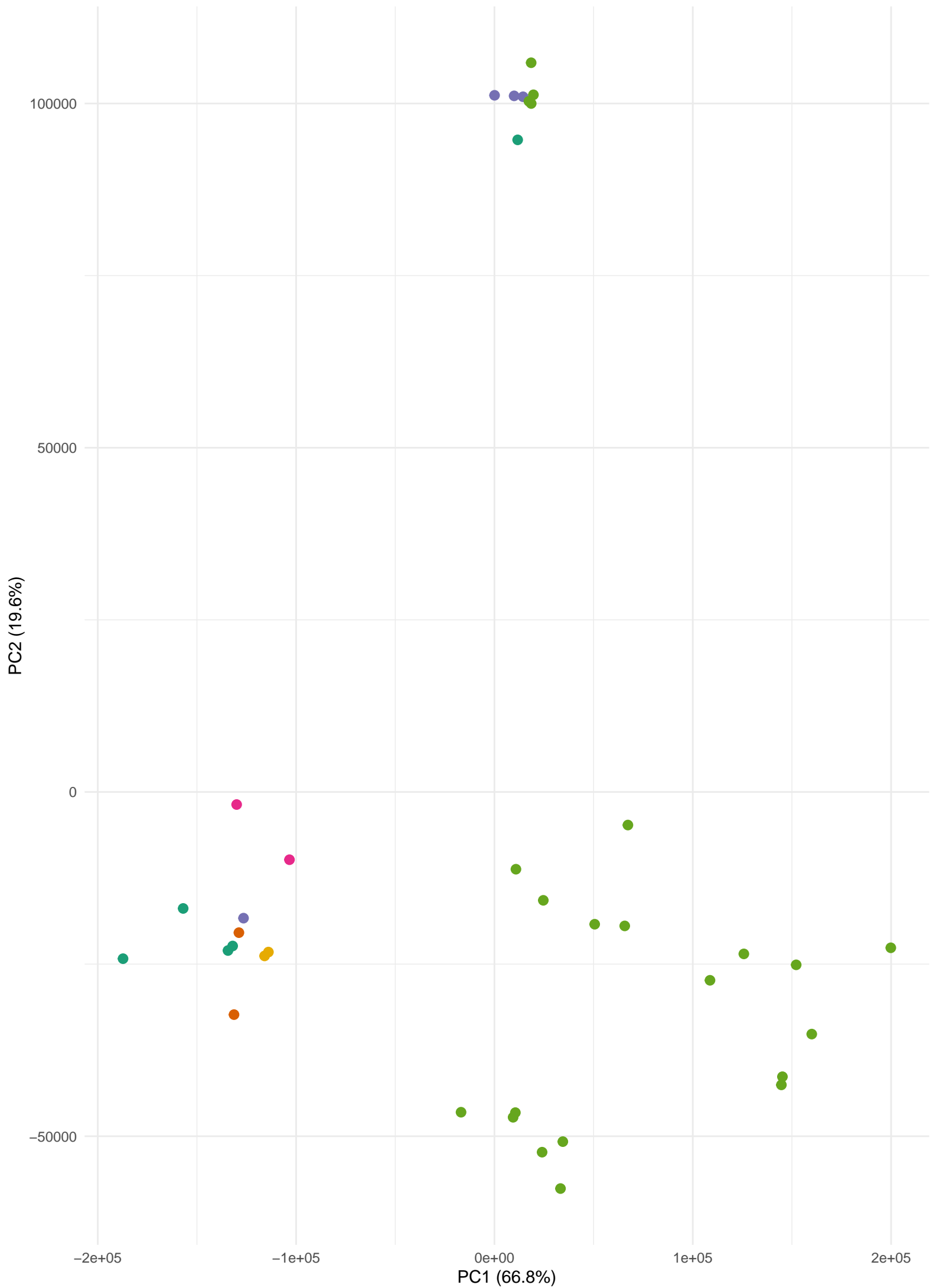
x year

PCA por harmonized sample cell 2 order AnetaMikulasova automated harmonized donor age in

harmonized sample cell 2 order AnetaMikulasova automated harmonized donor age in years



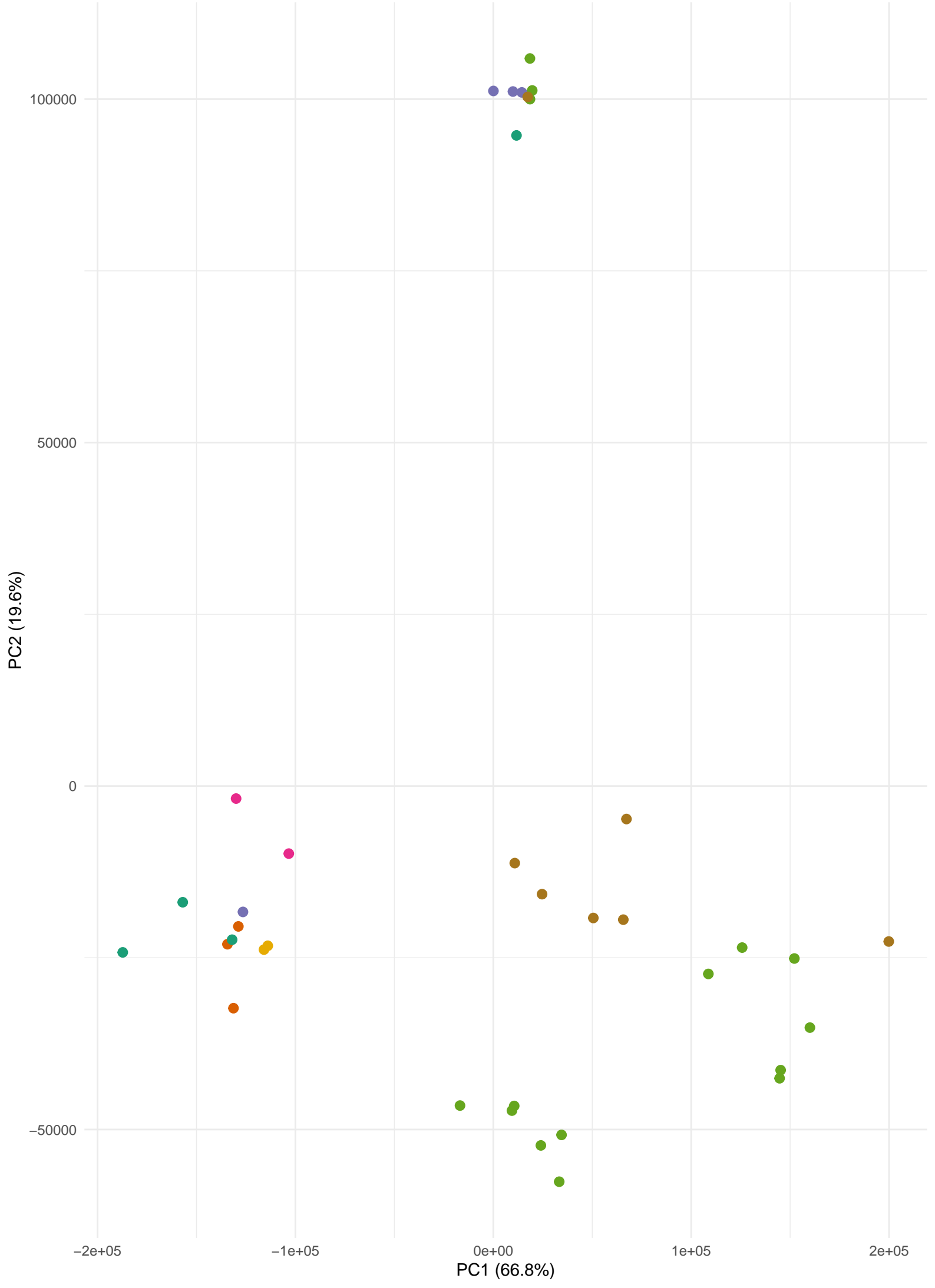
PCA por harmonized sample cell 2 order AnetaMikulasova harmonized donor life stage



harmonized sample cell 2 order AnetaMikulasova harmonized donor life stage

- alternatively-activated adult
- inflammatory adult
- x adult
- alternatively-activated child
- inflammatory child
- x child

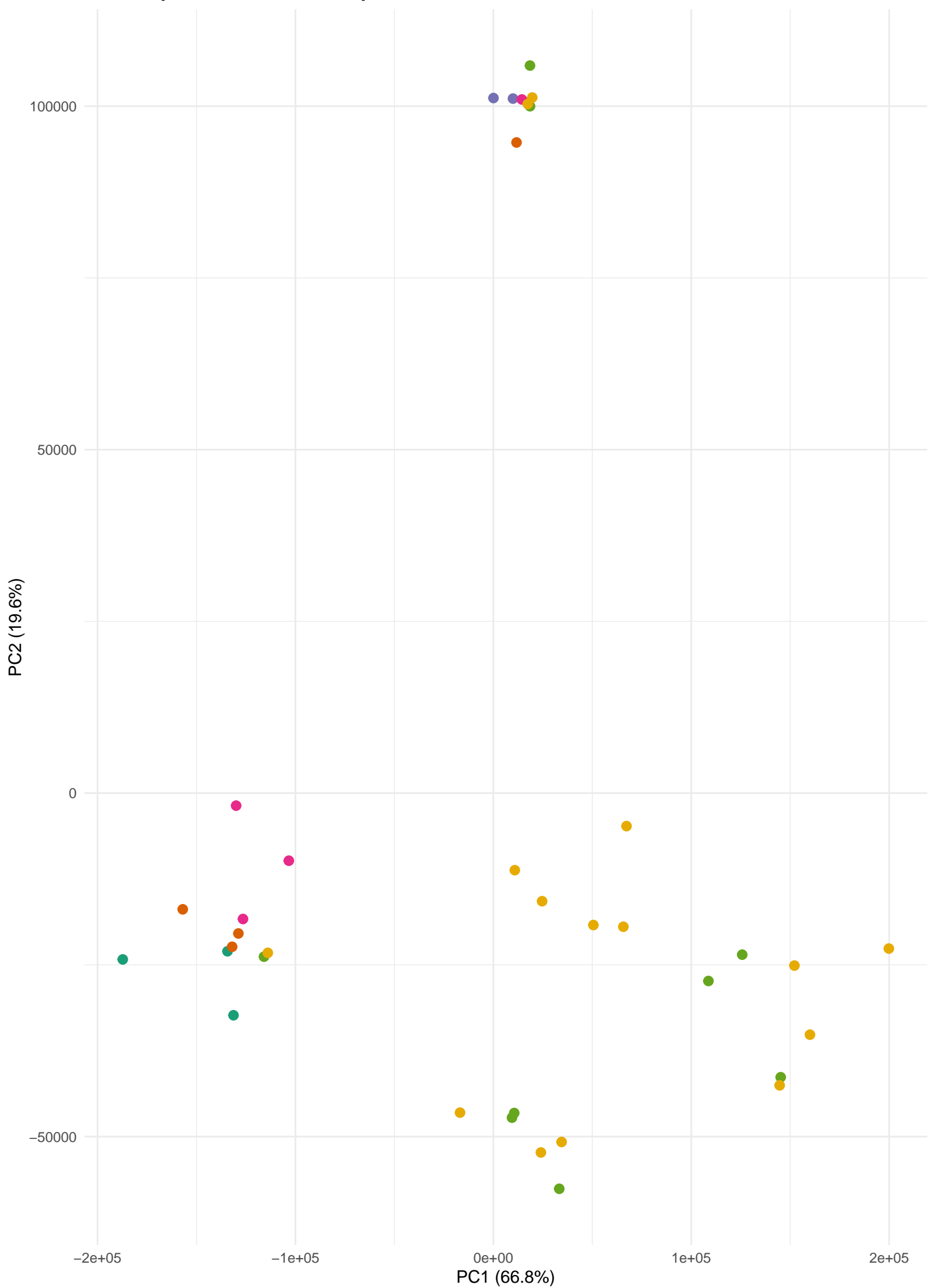
PCA por harmonized sample cell 2 order AnetaMikulasova harmonized donor life stage uncorr



harmonized sample cell 2 order AnetaMikulasova harmonized donor life stage uncorrected

	alternatively-activated adult		inflammatory child		x unknown
	alternatively-activated child		x adult		
	inflammatory adult		x child		

PCA por harmonized sample cell 2 order AnetaMikulasova harmonized donor sex



harmonized sample cell 2 order AnetaMikulasova harmonized donor sex

- alternatively-activated female
- inflammatory female
- x female
- alternatively-activated male
- inflammatory male
- x male

PCA por harmonized sample cell 2 order AnetaMikulasova harmonized donor sex uncorrect

harmonized sample cell 2 order AnetaMikulasova harmonized donor sex uncorrected

- alternatively-activated female
- inflammatory female
- x female
- alternatively-activated male
- inflammatory male
- x male

PCA por harmonized sample cell 2 order AnetaMikulasova automated experiments ChIP.Seq H3

harmonized sample cell 2 order AnetaMikulasova automated experiments ChIP.Seq H3K27ac

<div></div> alternatively-activated	<div></div> inflammatory c7277a95-3c87-4ff4-8d24-2adf03b194fd	<div></div> x 482731ca-3e9c-4d2c-8f58-b7fbeatad16
<div></div> alternatively-activated 21204e63-5580-42b6-aaaf-3888daa8192c	<div></div> inflammatory d7bae694-a963-49c0-91a4-12894b97ce77	<div></div> x 6767ca98-deae-49f6-b4ac-75d0144cef28
<div></div> alternatively-activated 7a04d905-73a0-4079-9968-67c3833836fc	<div></div> inflammatory e6c68a5d-37e7-47a6-8c62-20a8e3b053f3	<div></div> x 87217a77-af17-4375-b2cb-d5433d7630b0
<div></div> alternatively-activated a976fdae-f5dd-439a-80ce-578a0400ca86	<div></div> x	<div></div> x 90c9bd75-e378-4adf-8726-9bc0261986e3
<div></div> alternatively-activated b3adf3d7-6c77-4bc6-a996-7aa999aefd39	<div></div> x 2c3a006d-4902-4554-a0ba-f4040c3979e5	<div></div> x 9f989b17-6131-4e53-a04c-2c3b0ade703c
<div></div> alternatively-activated f7f2e0ed-3f12-40ea-ab1e-c5e10f8d62d8	<div></div> x 2e1ab747-5c43-4469-97d5-a2e674bc3ee6	<div></div> x a4b839f4-cb72-4000-8141-3e889aede665
<div></div> inflammatory 6de3a207-ef97-4cbc-a25e-5966bc51a6e1	<div></div> x 30aebd5d-55b8-4958-834c-27c8c0a165bb	<div></div> x cbf21cc3-59bc-4d31-8242-16b6ee9a92b5
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PCA por harmonized sample cell 2 order AnetaMikulasova automated experiments ChIP.Seq H3K

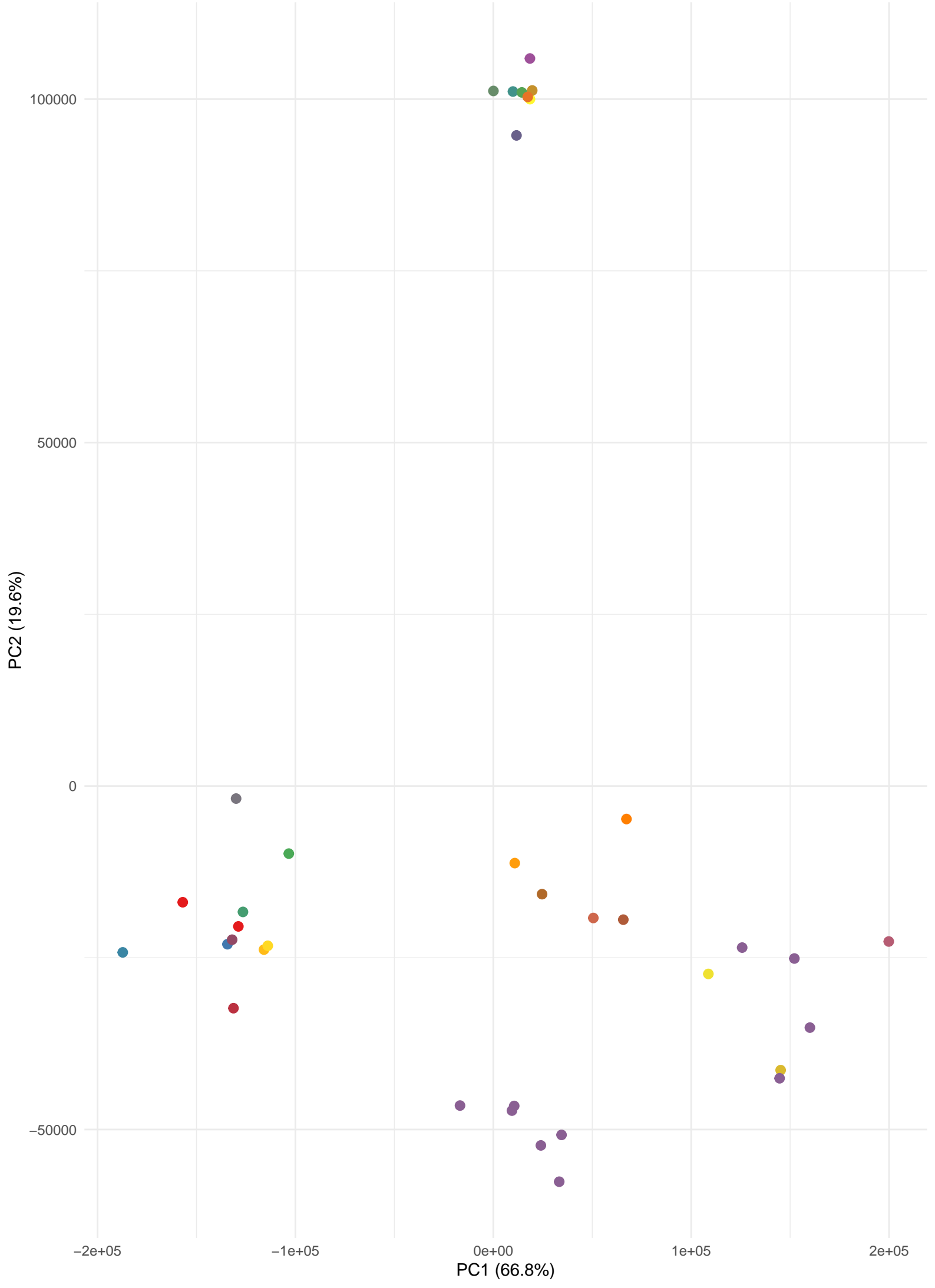
harmonized sample cell 2 order AnetaMikulasova automated experiments ChIP.Seq H3K27me3

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<div></div> alternatively-activated acc389c8-306d-460f-95cb-548ca498e7e9	<div></div> inflammatory imputed	<div></div> x 83b0b921-e0bc-4aa4-a2f0-7efee9bf544b
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<div></div> inflammatory 9cf12c10-316c-45d2-adec-5ea53e80f354	<div></div> x 4a5cfc14-4daf-4d77-9a82-2b790575203a	

PCA por harmonized sample cell 2 order AnetaMikulasova automated experiments ChIP.Seq H3K

harmonized sample cell 2 order AnetaMikulasova automated experiments ChIP.Seq H3K36me3

<div></div> alternatively-activated	<div></div> inflammatory b2ccf16a-9055-4734-b0ff-eb0714415e6a	<div></div> x 43a724cd-c3b0-46db-9b56-bc285ebfa0a4
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<div></div> inflammatory 8d5b3081-225e-438e-b618-c17adc495516	<div></div> x 248d0803-44a8-4240-ab7f-e2ff74839d74	



harmonized sample cell 2 order AnetaMikulasova automated experiments ChIP.Seq H3K4me1

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<div></div> alternatively-activated 9f15cdcc-7468-4a84-87ee-af65c5ba810	<div></div> inflammatory imputed	<div></div> x baca5345-ebfb-42c5-84f7-5edc7dd83347
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PCA por harmonized sample cell 2 order AnetaMikulasova automated experiments ChIP.Seq H3

harmonized sample cell 2 order AnetaMikulasova automated experiments ChIP.Seq H3K4me3

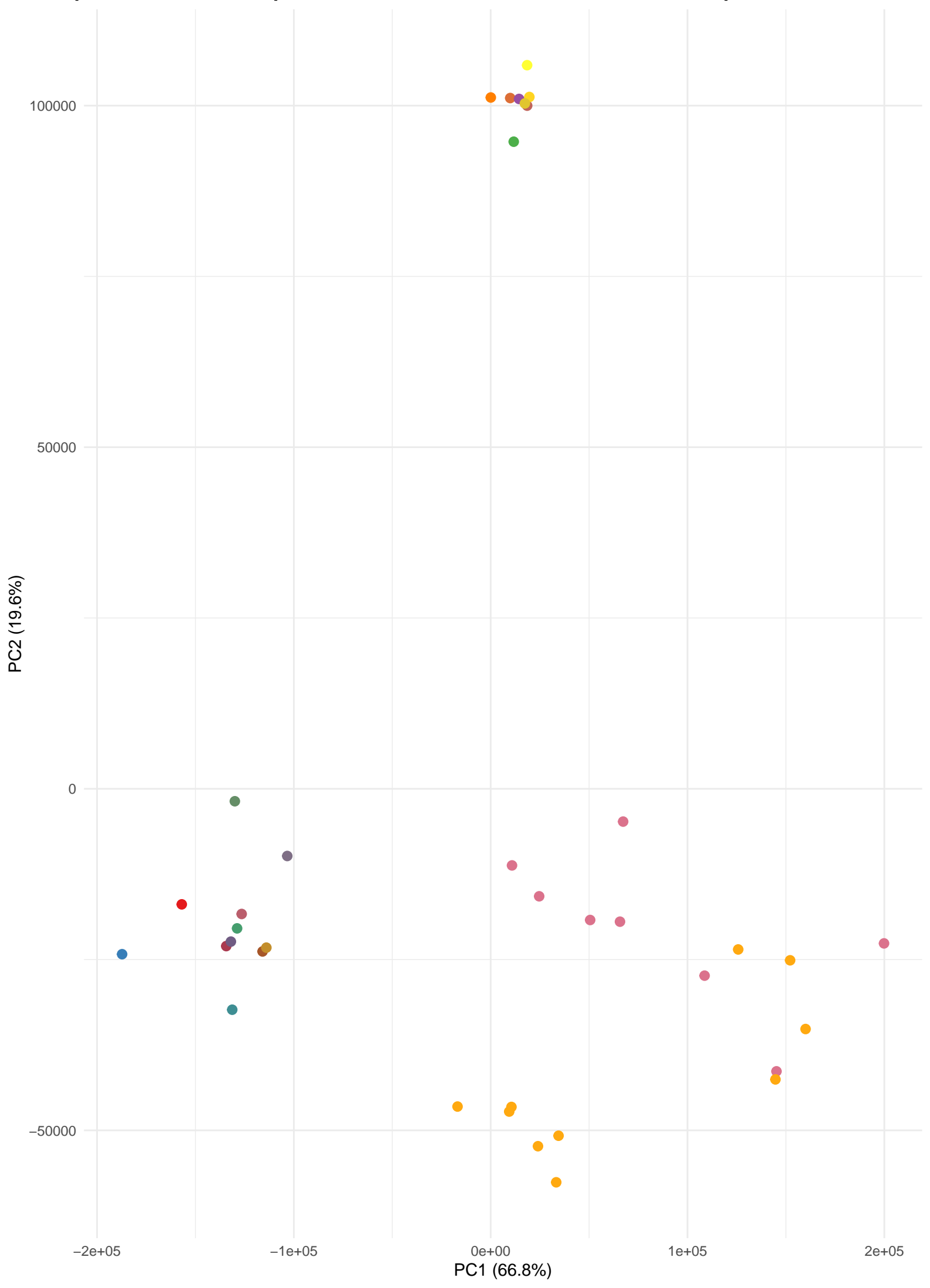
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PCA por harmonized sample cell 2 order AnetaMikulasova automated experiments ChIP.Seq H3

harmonized sample cell 2 order AnetaMikulasova automated experiments ChIP.Seq H3K9me3

<div></div> alternatively-activated	<div></div> inflammatory 916f86f3-bba4-4f2a-8dee-7255de7413cf	<div></div> x 8f8990bc-bdfc-474d-b52f-20c0591d22d2
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PCA por harmonized sample cell 2 order AnetaMikulasova automated experiments WGBS star












harmonized sample cell 2 order AnetaMikulasova automated experiments WGBS standard

- alternatively-activated
- alternatively-activated 0cc882b9-8b8a-47a0-a3b9-c7e93a064919
- alternatively-activated 182c7e63-941c-448e-9a84-d75fe1647c26
- alternatively-activated 5c4e62a5-7f52-4d66-a91f-b23c7611212e
- alternatively-activated 6bc6f0c2-79ba-4bae-bd7d-f0e99697d044
- alternatively-activated 8624b7b6-5098-4bc9-aba9-d1cd2aa655bd
- alternatively-activated e1c8805b-c7d8-432c-a71f-ce99c408384e
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- x 150f6503-c7ab-44fb-a903-ebf1b17b2625
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- x 8e67dc03-9ec7-44ad-b29e-5f8ae6fd6378
- x a713bee9-910c-48a7-80c9-37560c997dae
- x cd60d225-f45f-4d16-98f2-5d3ec24845a6
- x fe8c5f2b-ecd9-4169-ba89-b52097de9963
- x imputed
- x










PCA por harmonized sample cell 2 order AnetaMikulasova automated experiments WGBS PE

harmonized sample cell 2 order AnetaMikulasova automated experiments WGBS PBAT

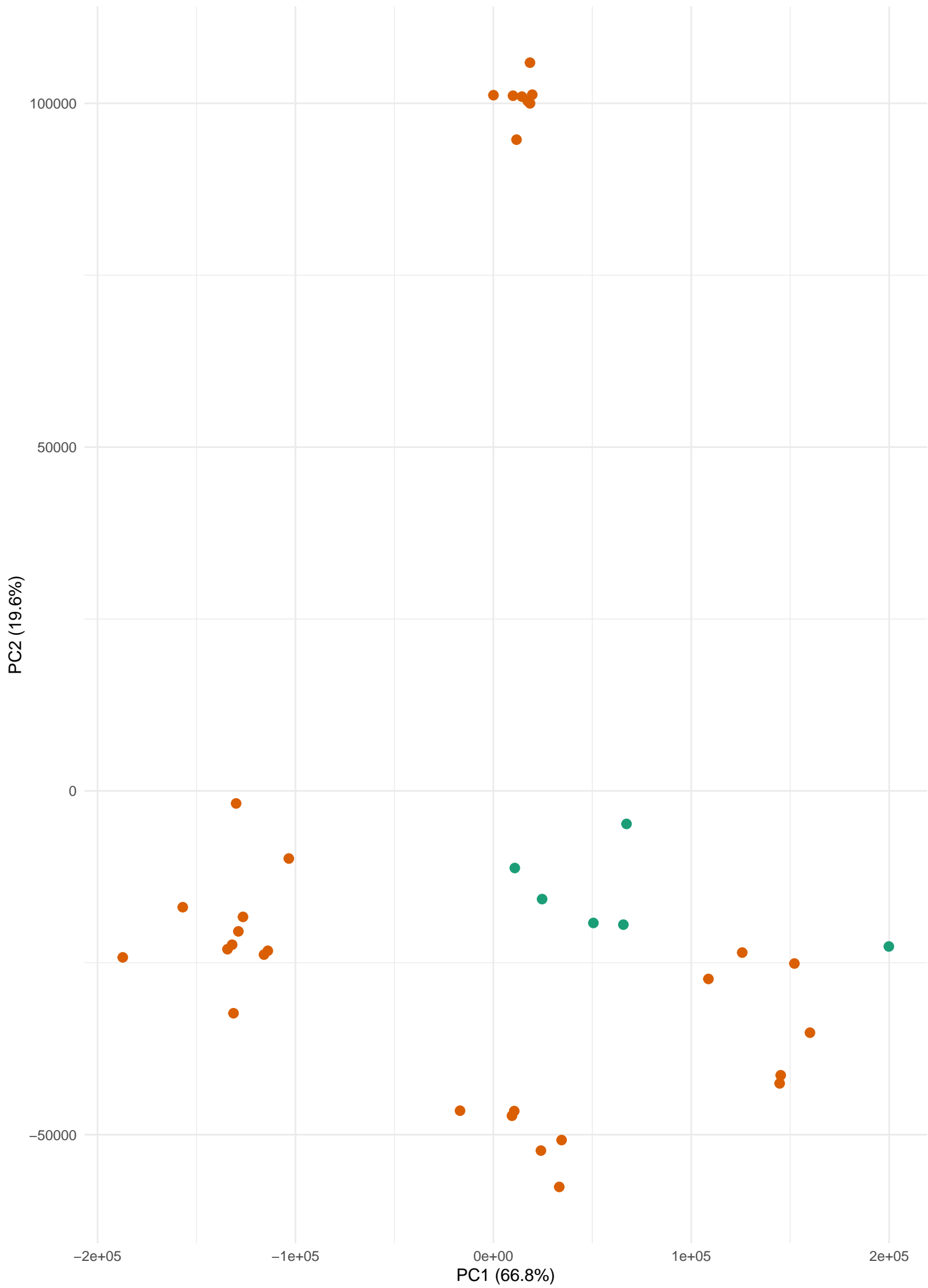
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PCA por harmonized sample cell 2 order AnetaMikulasova automated experiments RNA.Seq mR

harmonized sample cell 2 order AnetaMikulasova automated experiments RNA.Seq mRNA.Seq



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 inflammatory	 x 8c45a968-d8b5-4166-93c0-63be9d96dfff	 x d0b7f437-bc21-4f38-bc23-358df545987c
 x	 x a7c5b6e6-b037-436d-8a86-14cf9b7471c1	 x d4a24721-dc66-4056-a9eb-693beae9b598

PCA por harmonized sample disease harmonized sample disease ontology curie





harmonized sample disease harmonized sample disease ontology curie   None NCIM:C0549184

PCA por harmonized sample disease automated harmonized sample disease ontology curie

harmonized sample disease automated harmonized sample disease ontology curie ncit   None NCIT:C41132

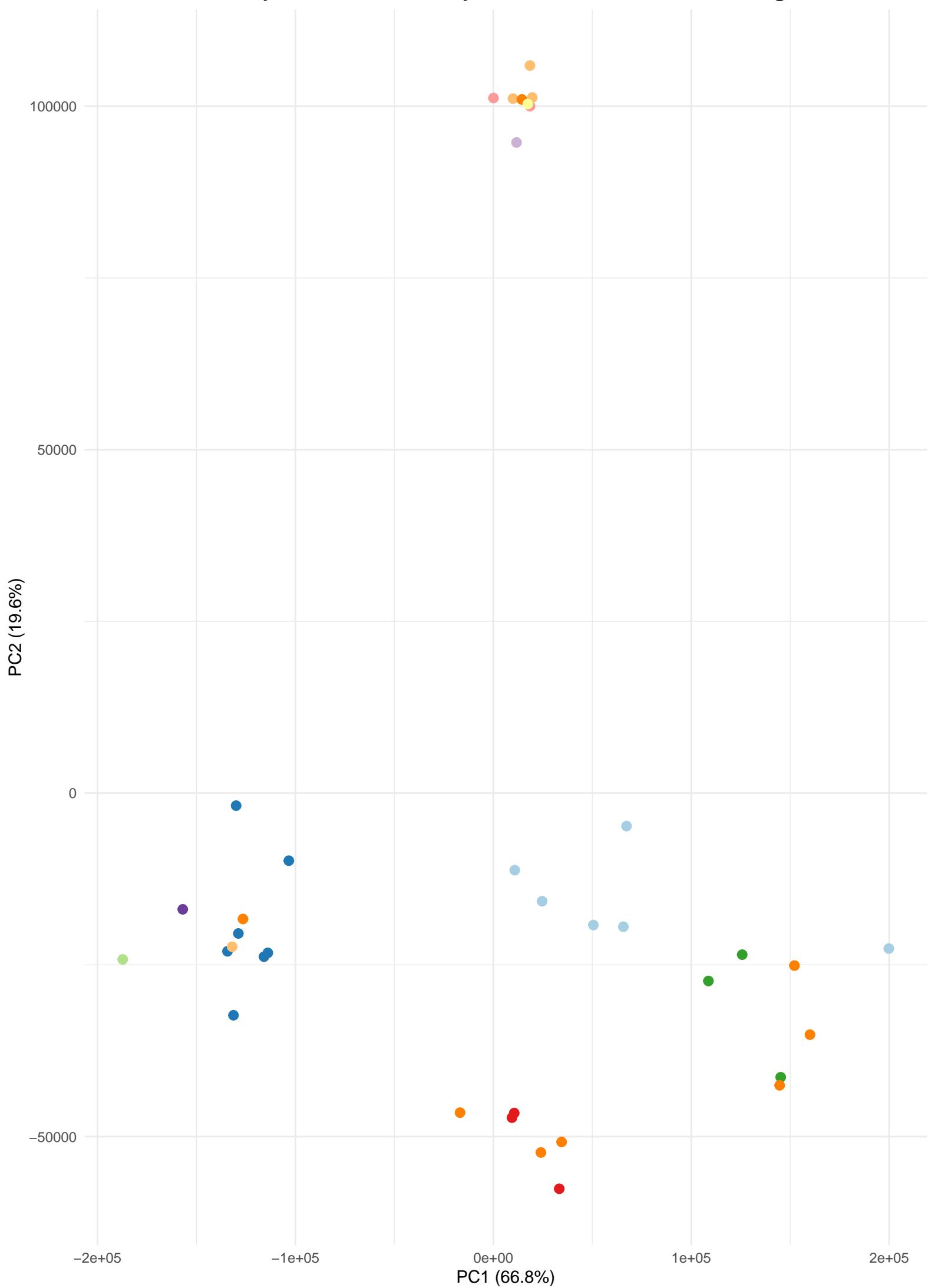
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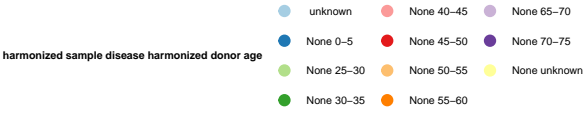
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PCA por harmonized sample disease harmonized donor id

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	None	None S002Zl	None S00DVR
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PCA por harmonized sample disease harmonized donor age





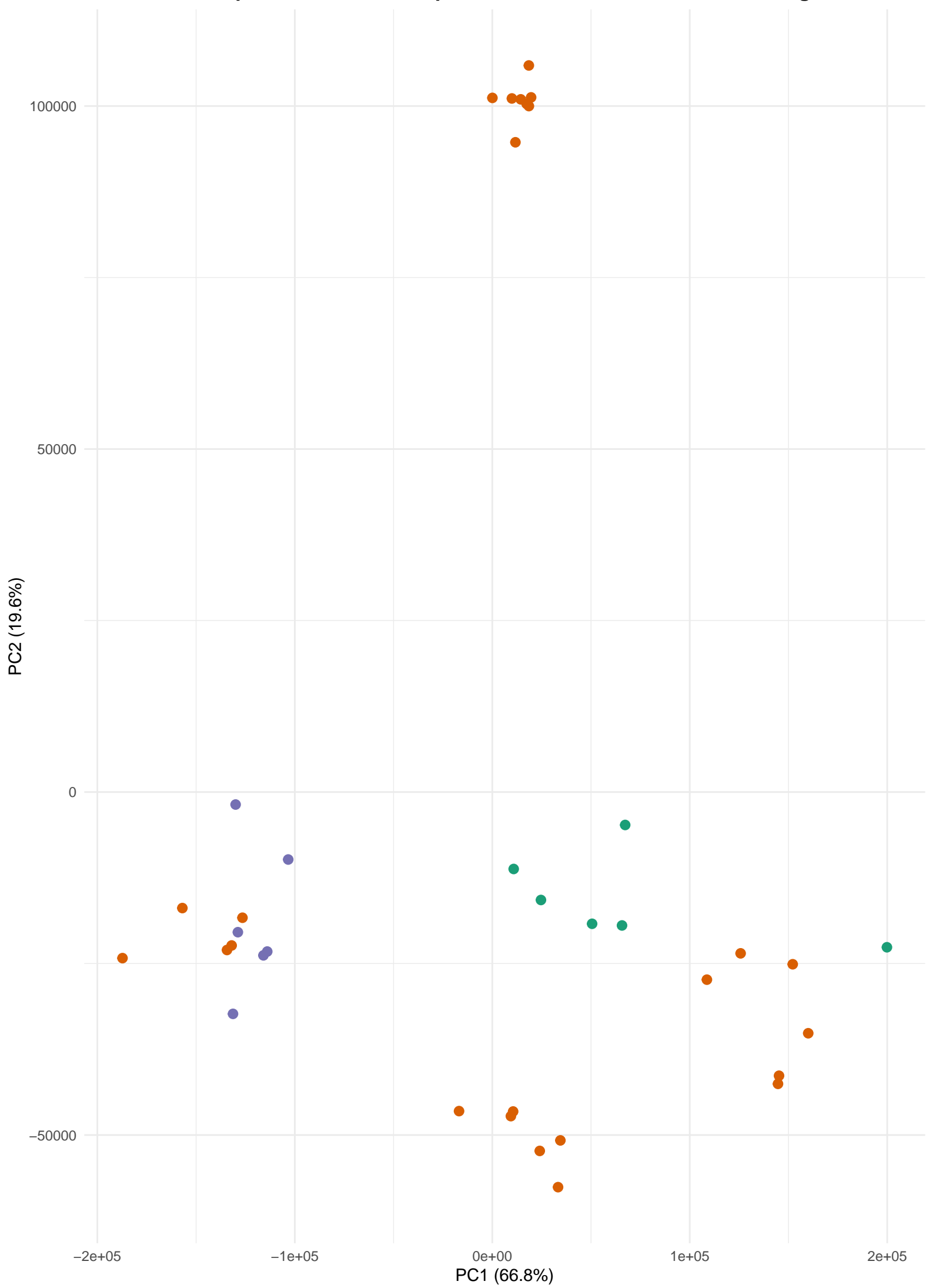
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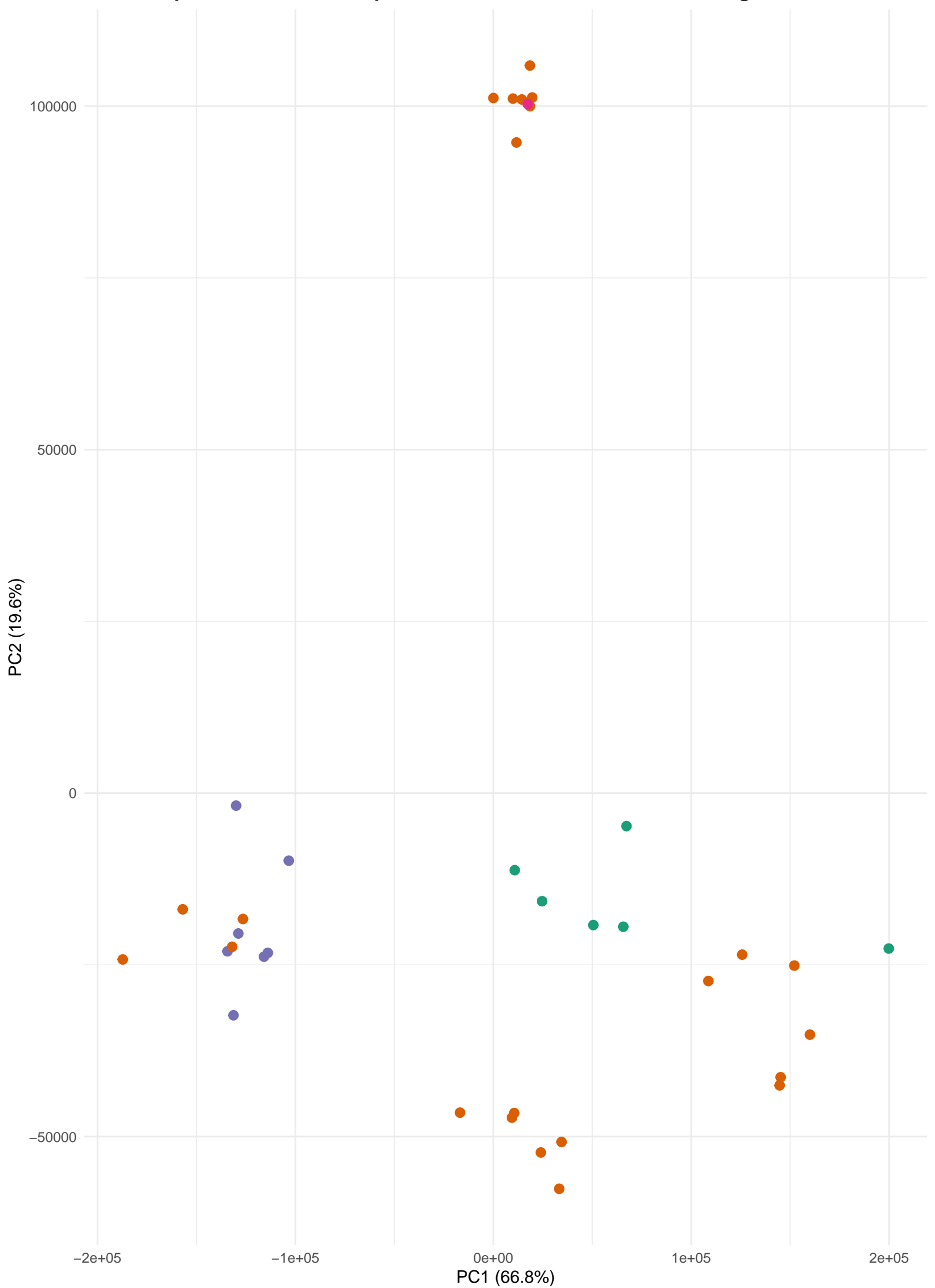


PCA por harmonized sample disease harmonized donor life stage



harmonized sample disease harmonized donor life stage ● adult ● None adult ● None child

PCA por harmonized sample disease harmonized donor life stage uncorrected



harmonized sample disease harmonized donor life stage uncorrected



unknown



None child

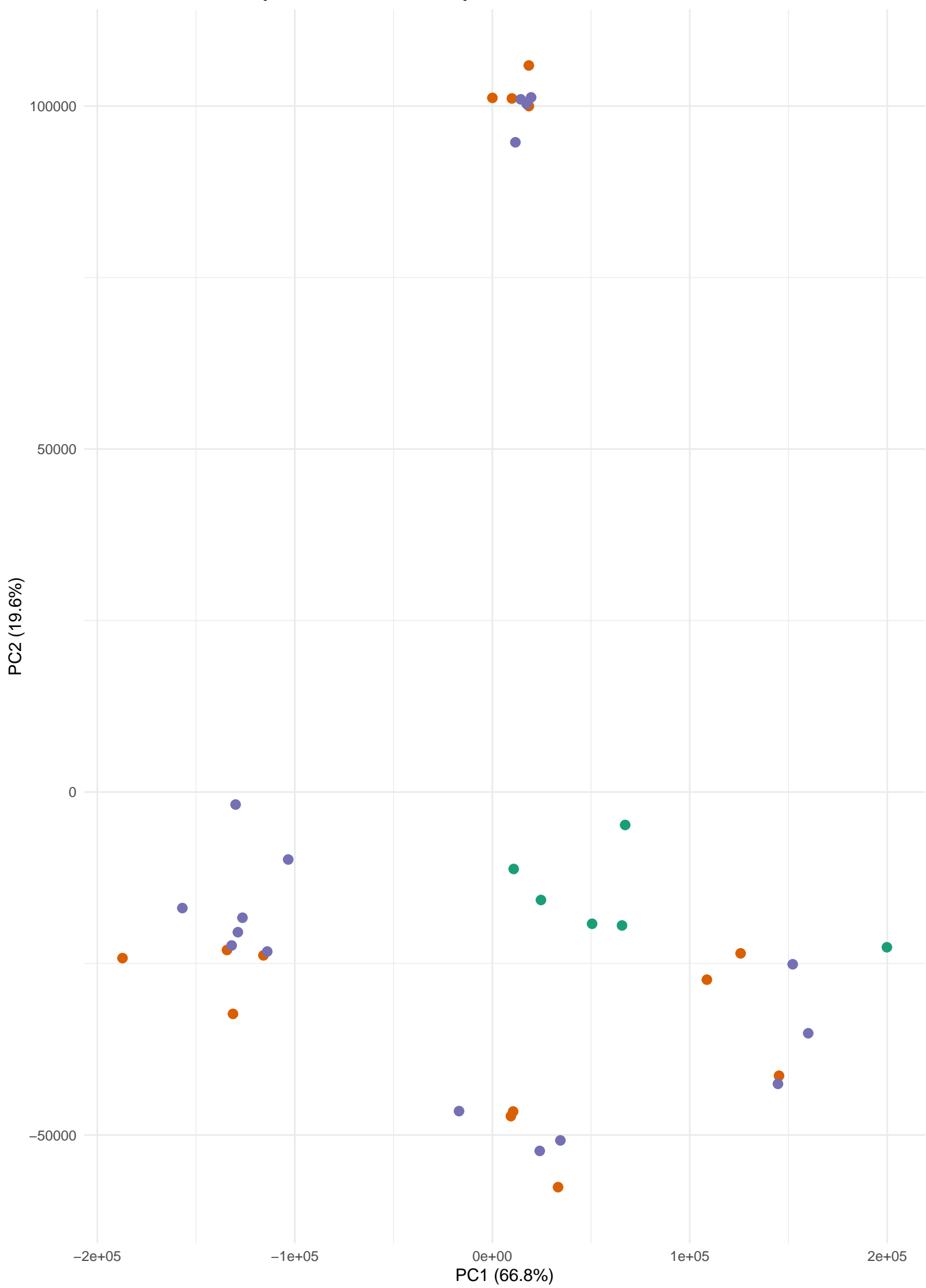


None adult



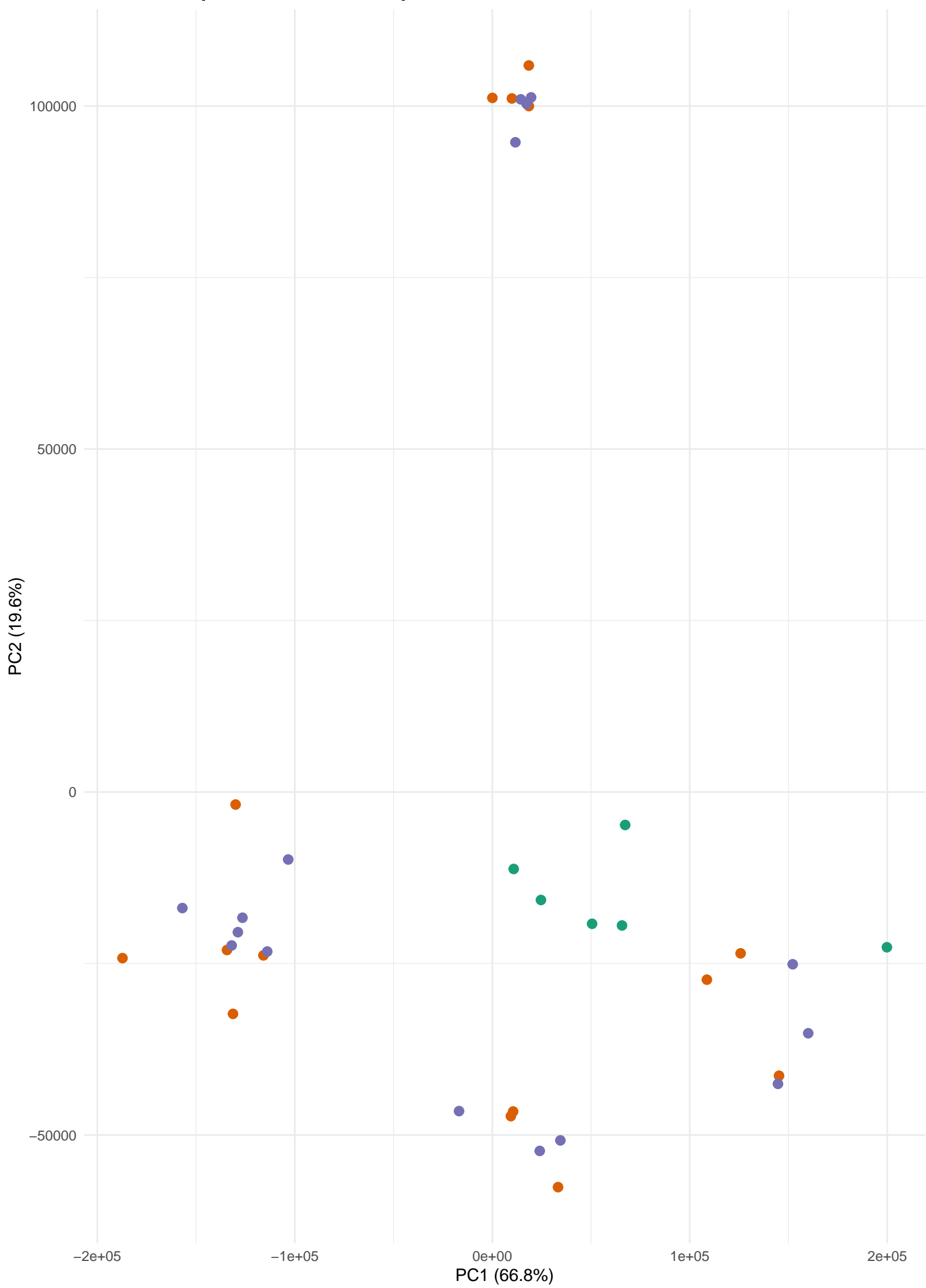
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PCA por harmonized sample disease harmonized donor sex



harmonized sample disease harmonized donor sex  male  None female  None male

PCA por harmonized sample disease harmonized donor sex uncorrected



harmonized sample disease harmonized donor sex uncorrected



male



None female



None male

PCA por harmonized sample disease automated experiments ChIP.Seq H3K27ac

harmonized sample disease automated experiments ChIP.Seq H3K27ac

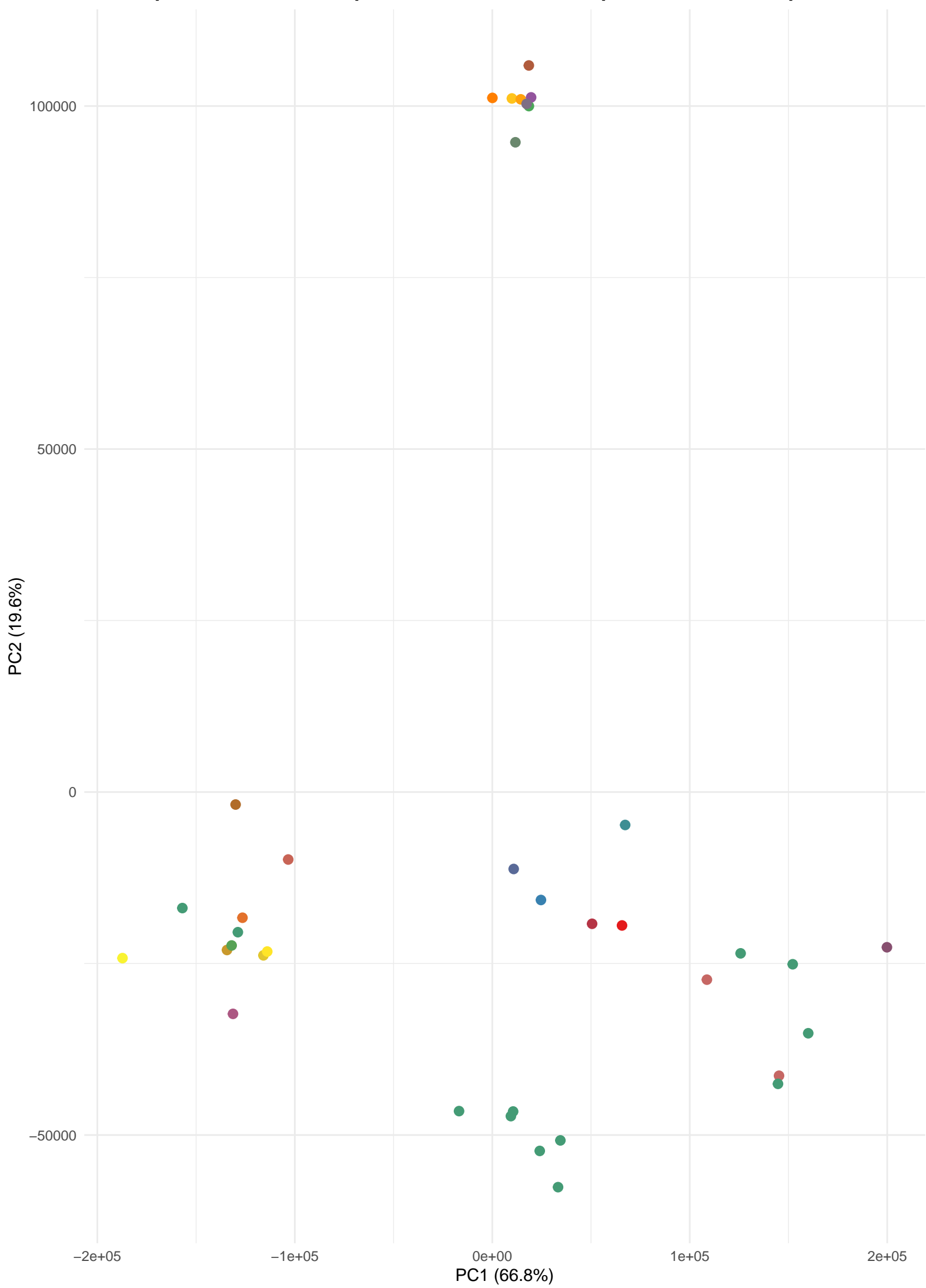
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PCA por harmonized sample disease automated experiments ChIP.Seq H3K27me3

harmonized sample disease automated experiments ChIP.Seq H3K27me3

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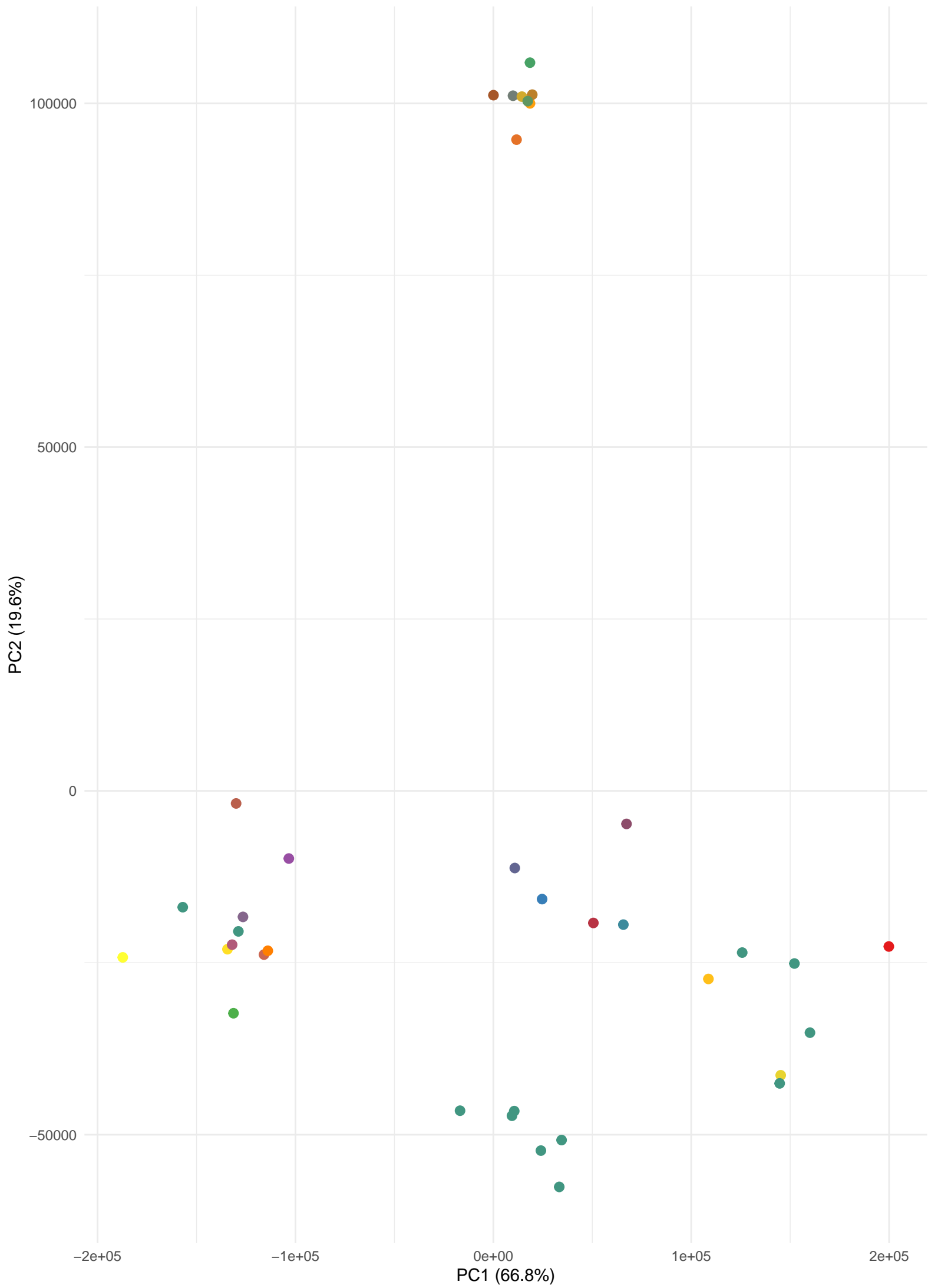
PCA por harmonized sample disease automated experiments ChIP.Seq H3K36me3



harmonized sample disease automated experiments ChIP.Seq H3K36me3

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PCA por harmonized sample disease automated experiments ChIP.Seq H3K4me1



harmonized sample disease automated experiments ChIP.Seq H3K4me1

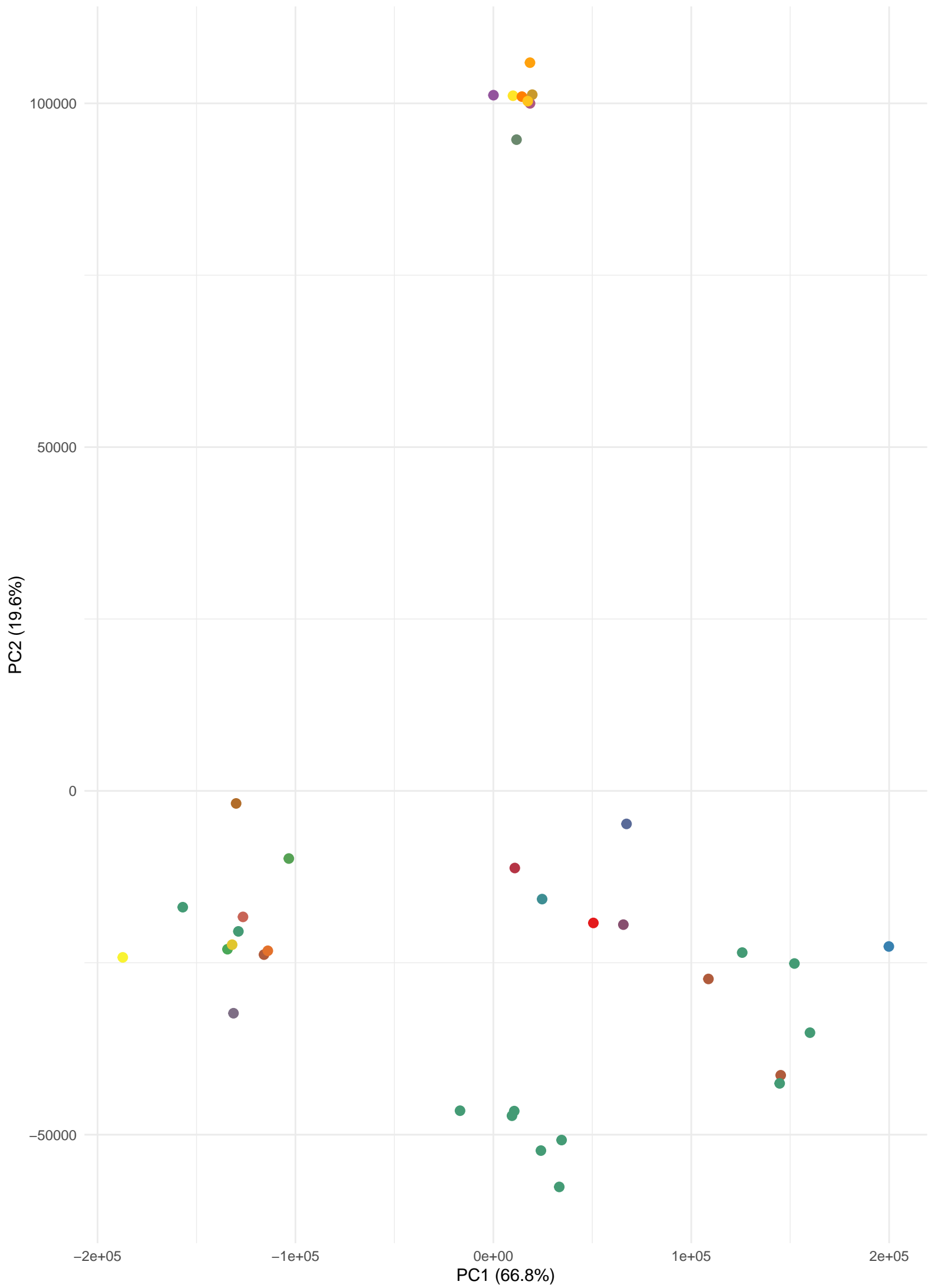
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PCA por harmonized sample disease automated experiments ChIP.Seq H3K4me3

harmonized sample disease automated experiments ChIP.Seq H3K4me3

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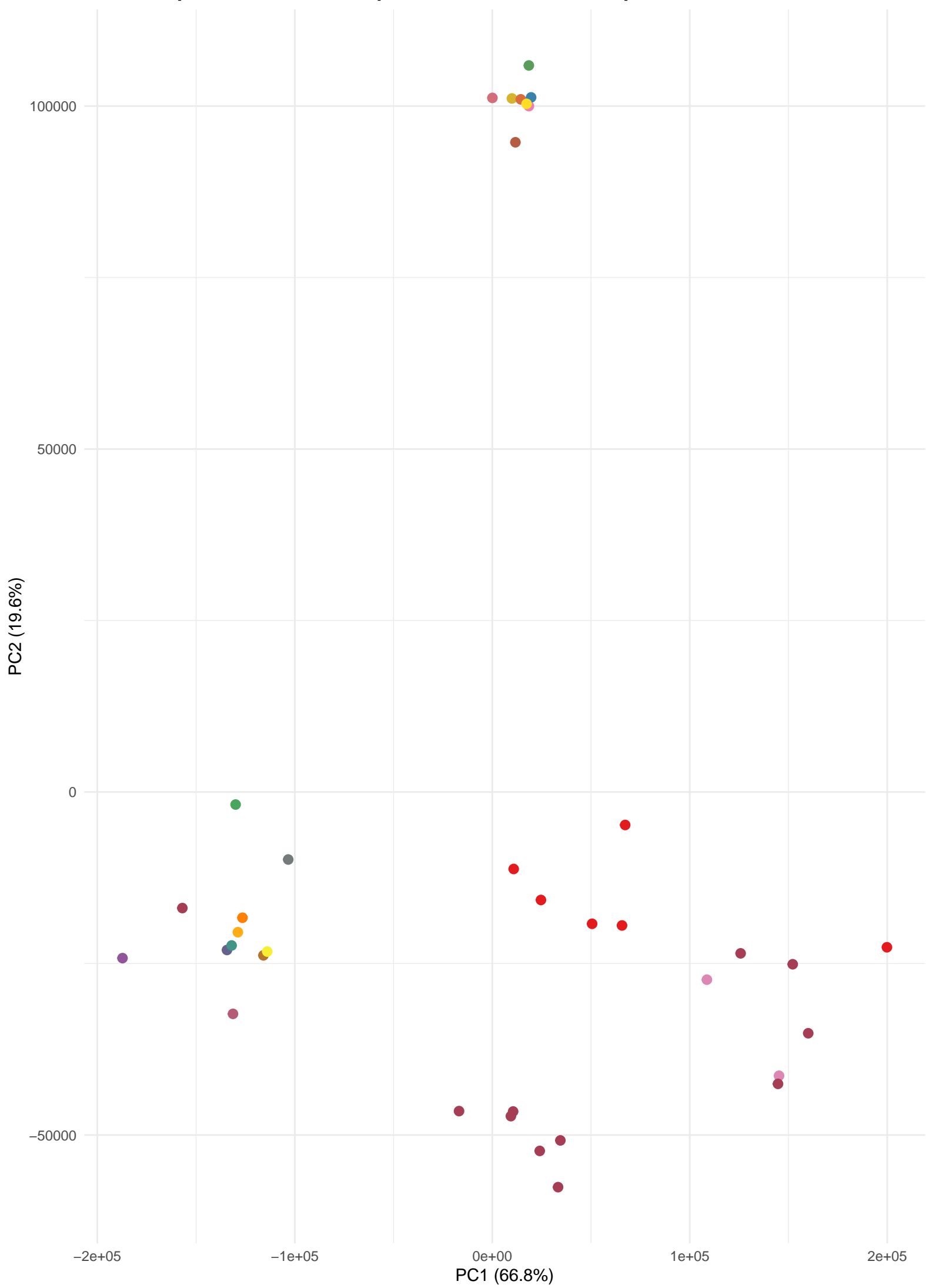
PCA por harmonized sample disease automated experiments ChIP.Seq H3K9me3



harmonized sample disease automated experiments ChIP.Seq H3K9me3

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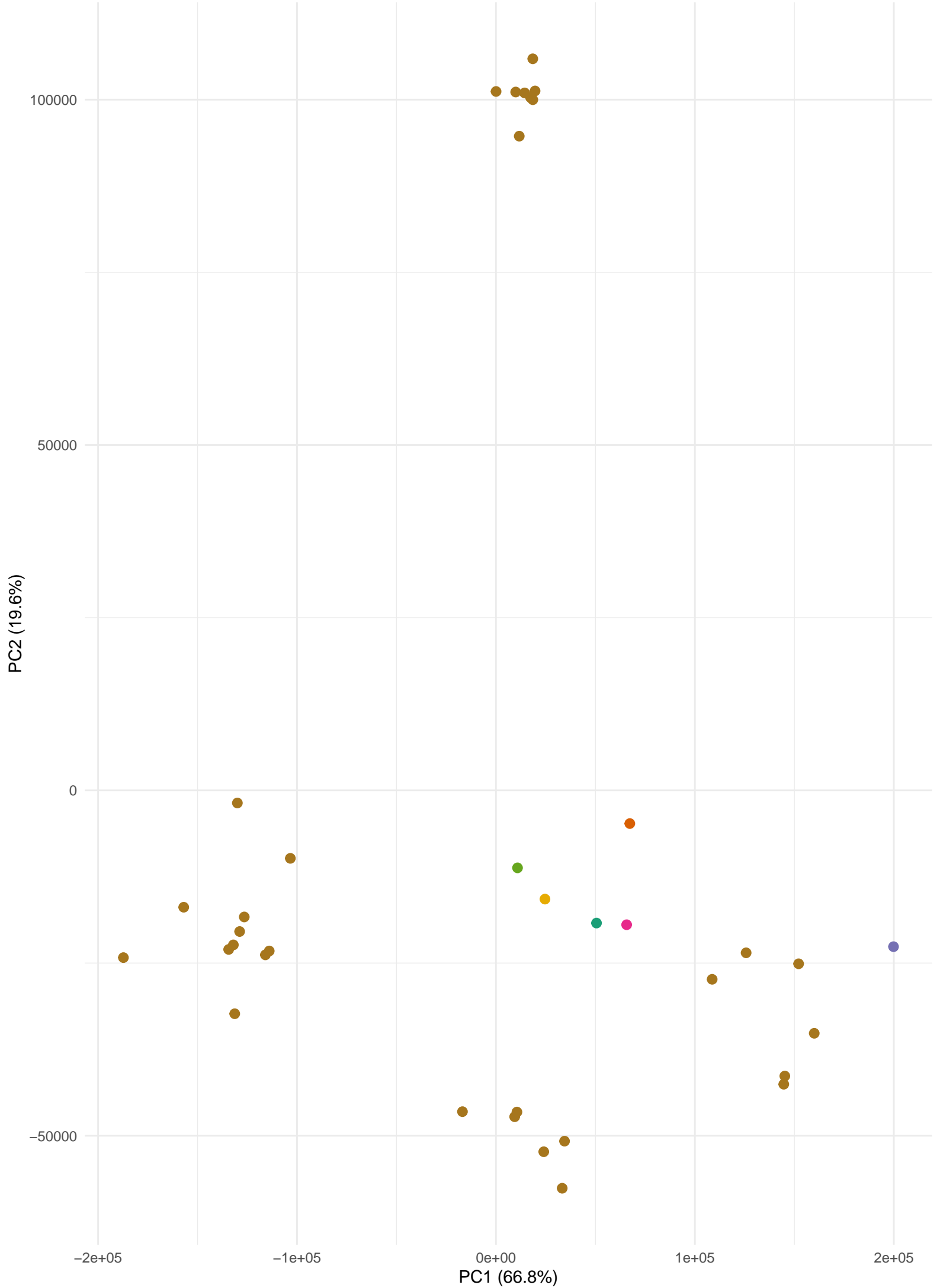
PCA por harmonized sample disease automated experiments WGBS standard









harmonized sample disease automated experiments WGBS standard








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PCA por harmonized sample disease automated experiments WGBS PBAT



harmonized sample disease automated experiments WGBS PBAT		40683367-35f6-4afc-83c3-b9c80ec7f87d		c3c448a4-34ed-4a9a-b6a0-cd956b489c71		None
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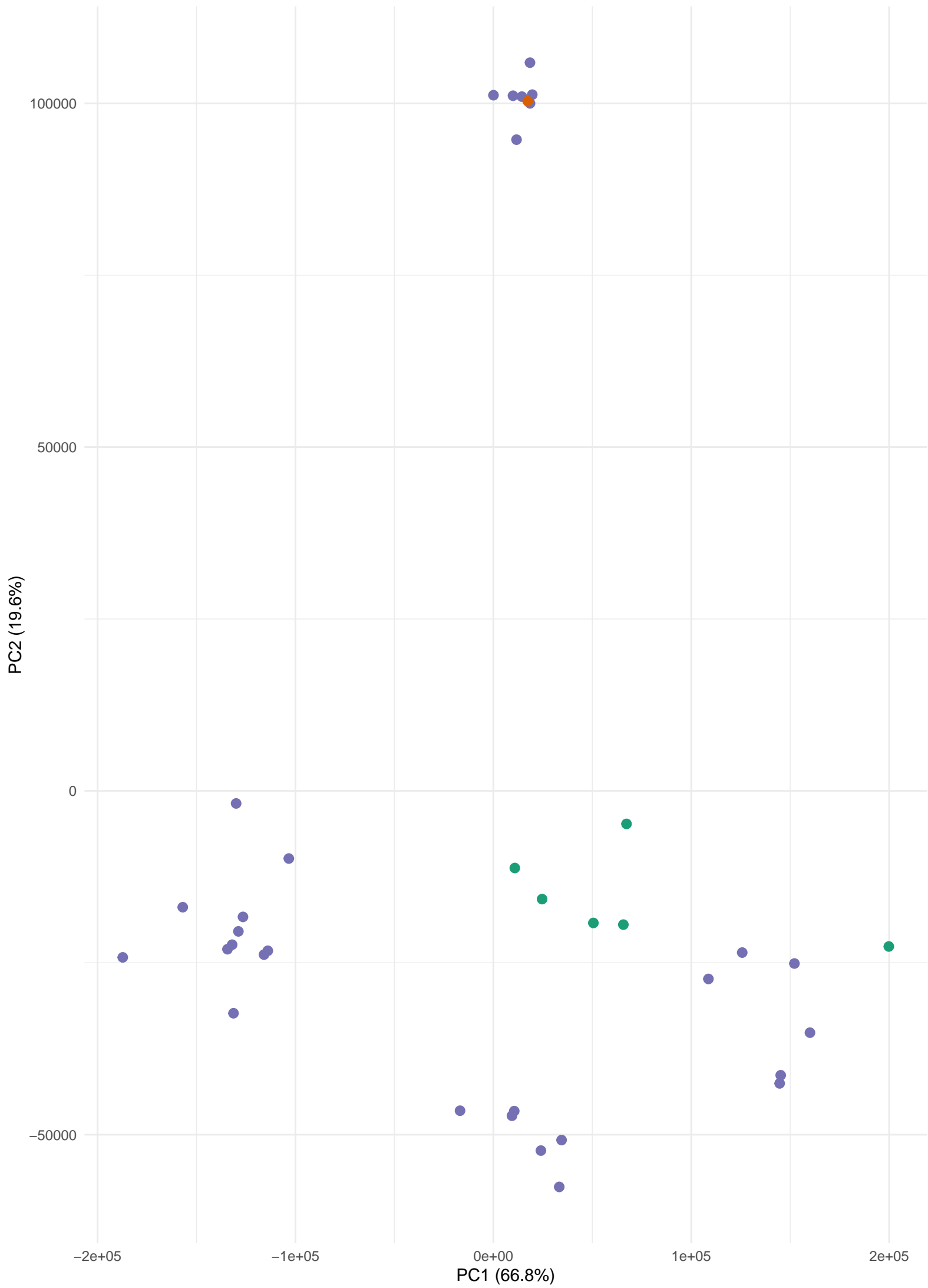
PCA por harmonized sample disease automated experiments RNA.Seq mRNA.Seq

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A por harmonized sample disease ontology curie automated harmonized sample disease ontology

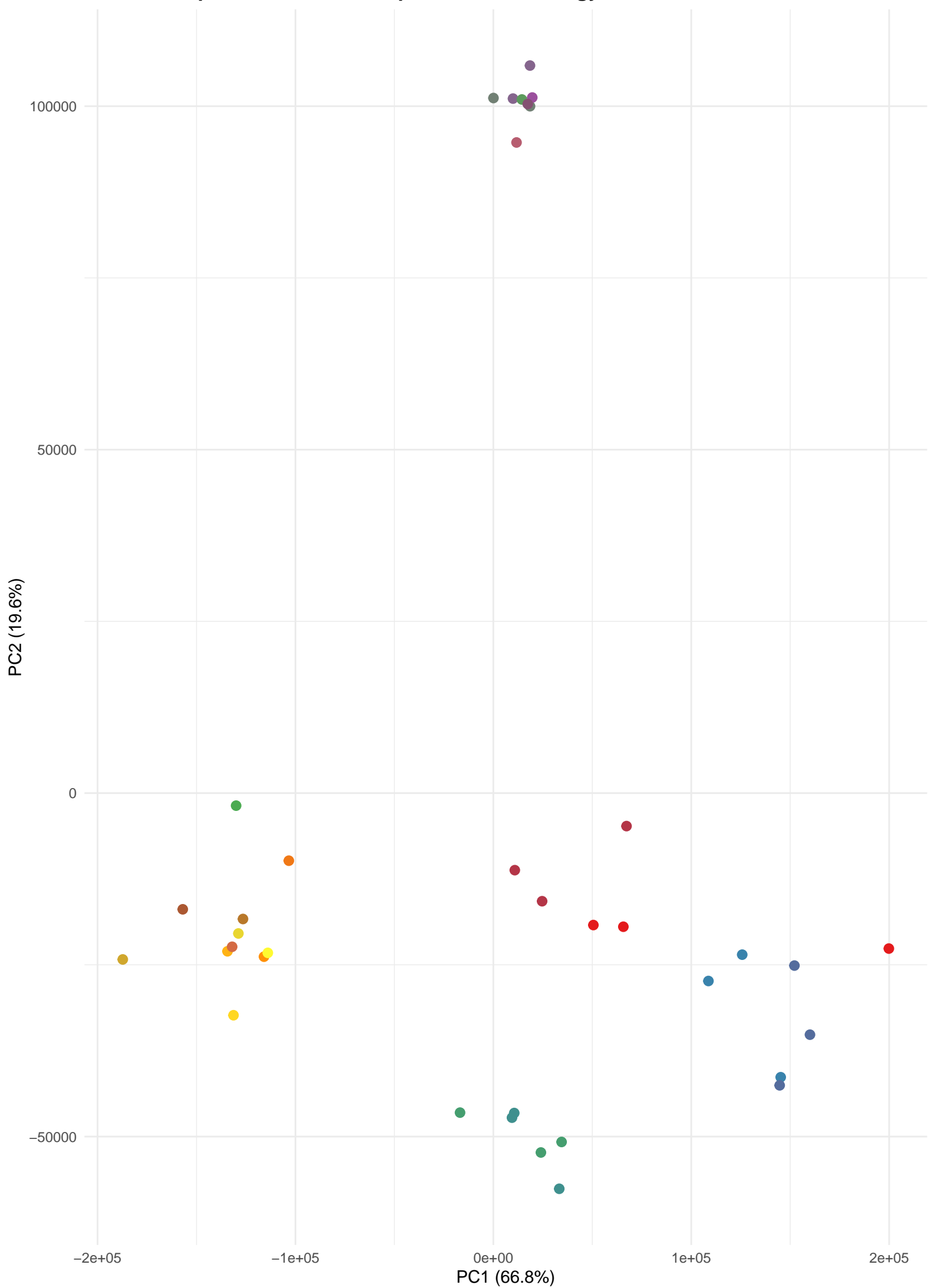
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PCA por harmonized sample disease ontology curie harmonized donor type



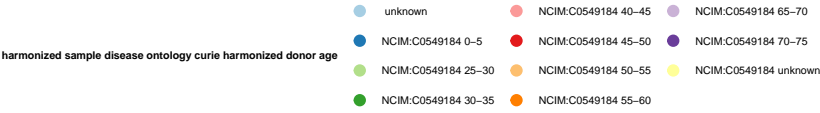
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PCA por harmonized sample disease ontology curie harmonized donor id

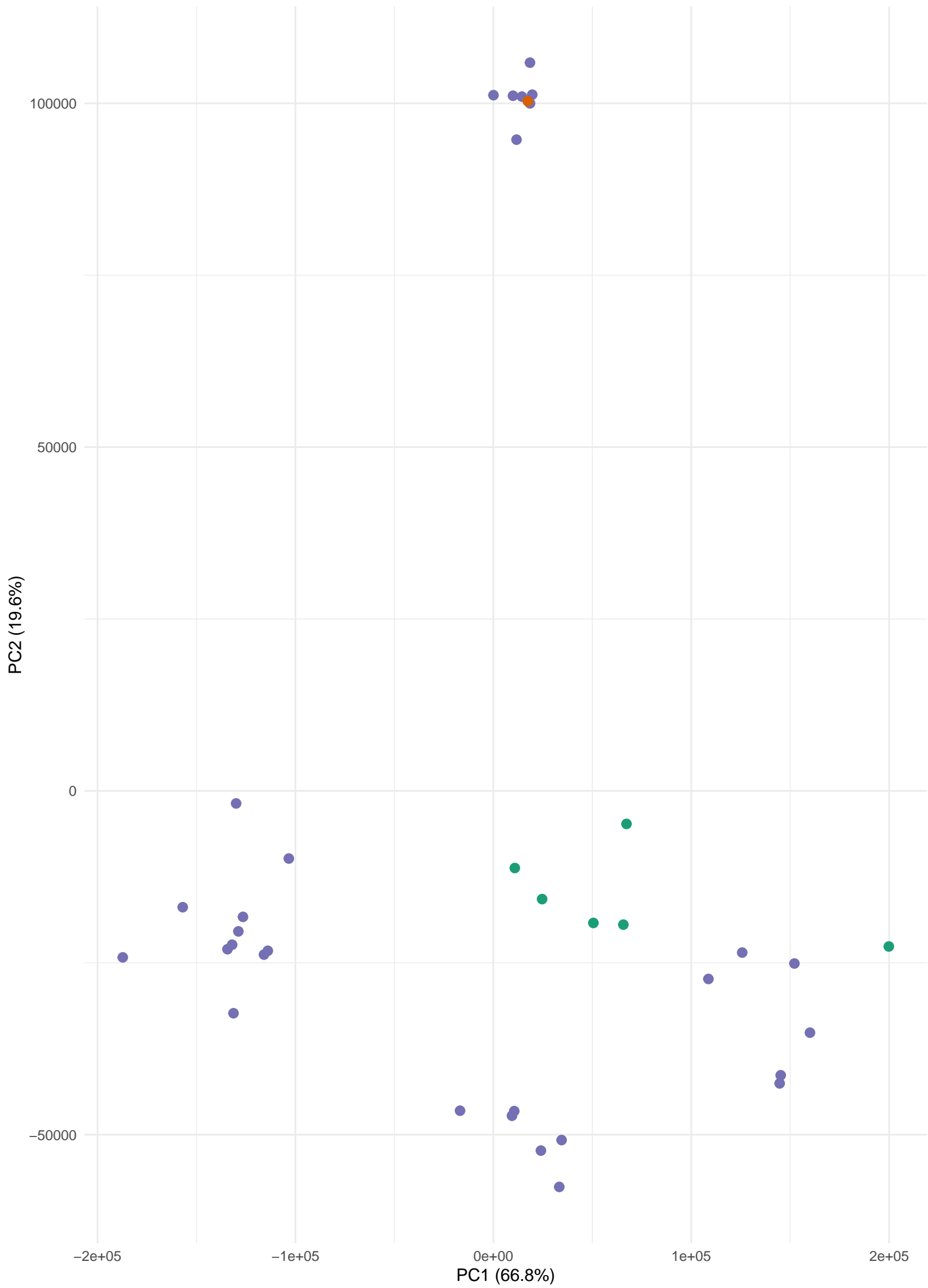


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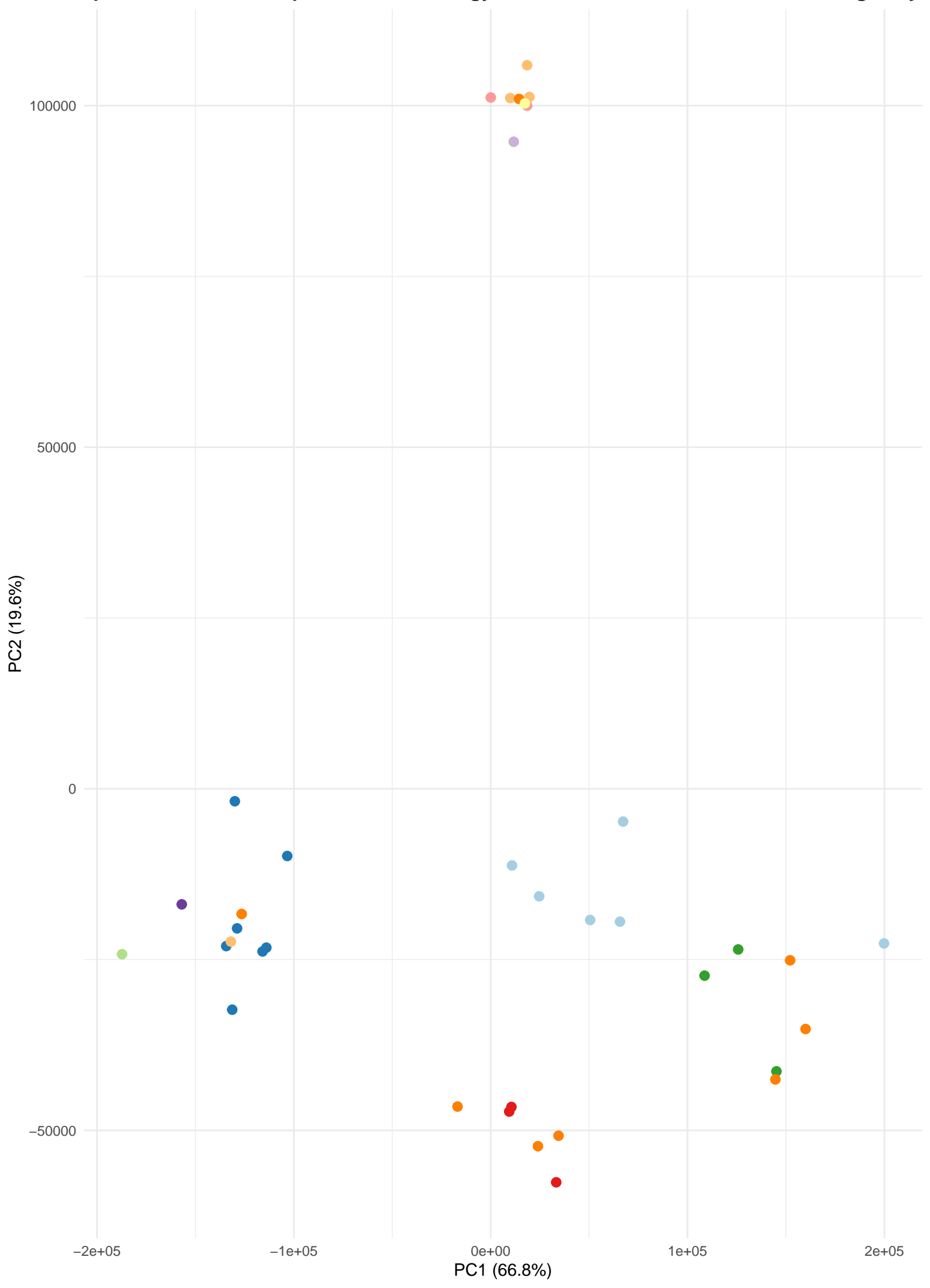


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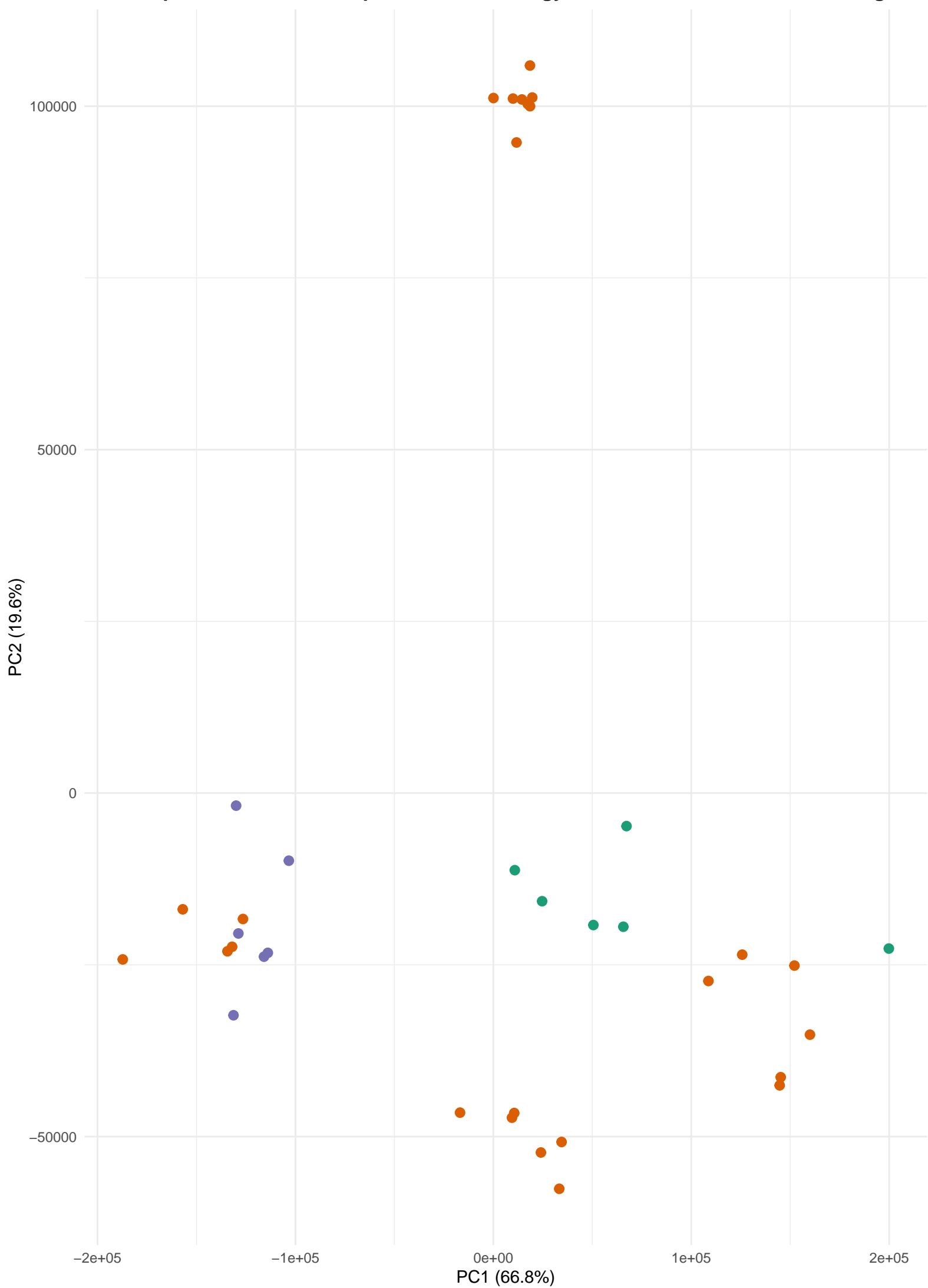
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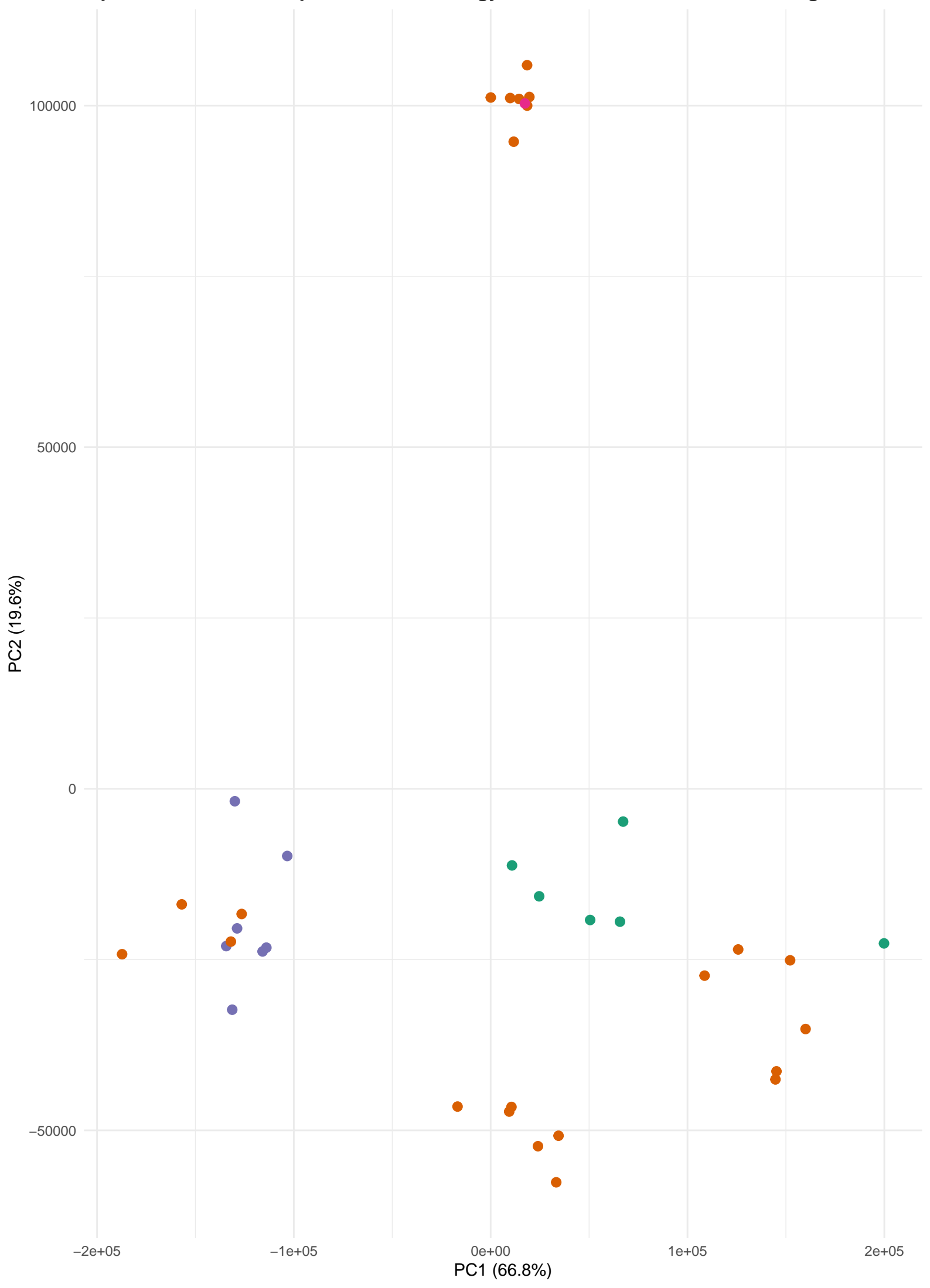


PCA por harmonized sample disease ontology curie harmonized donor life stage



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PCA por harmonized sample disease ontology curie harmonized donor life stage uncorrect



harmonized sample disease ontology curie harmonized donor life stage uncorrected



unknown



NCIM:C0549184 child

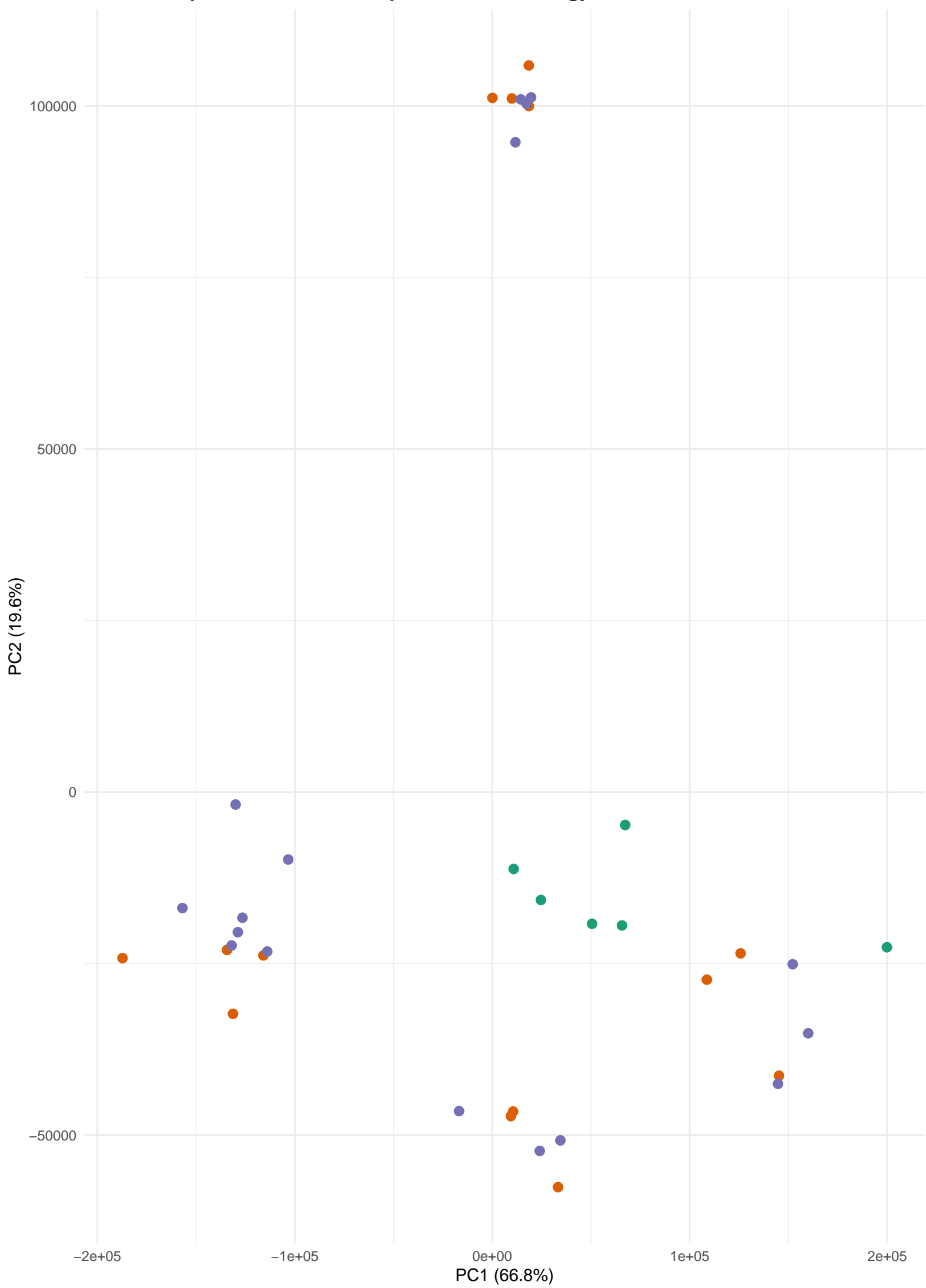


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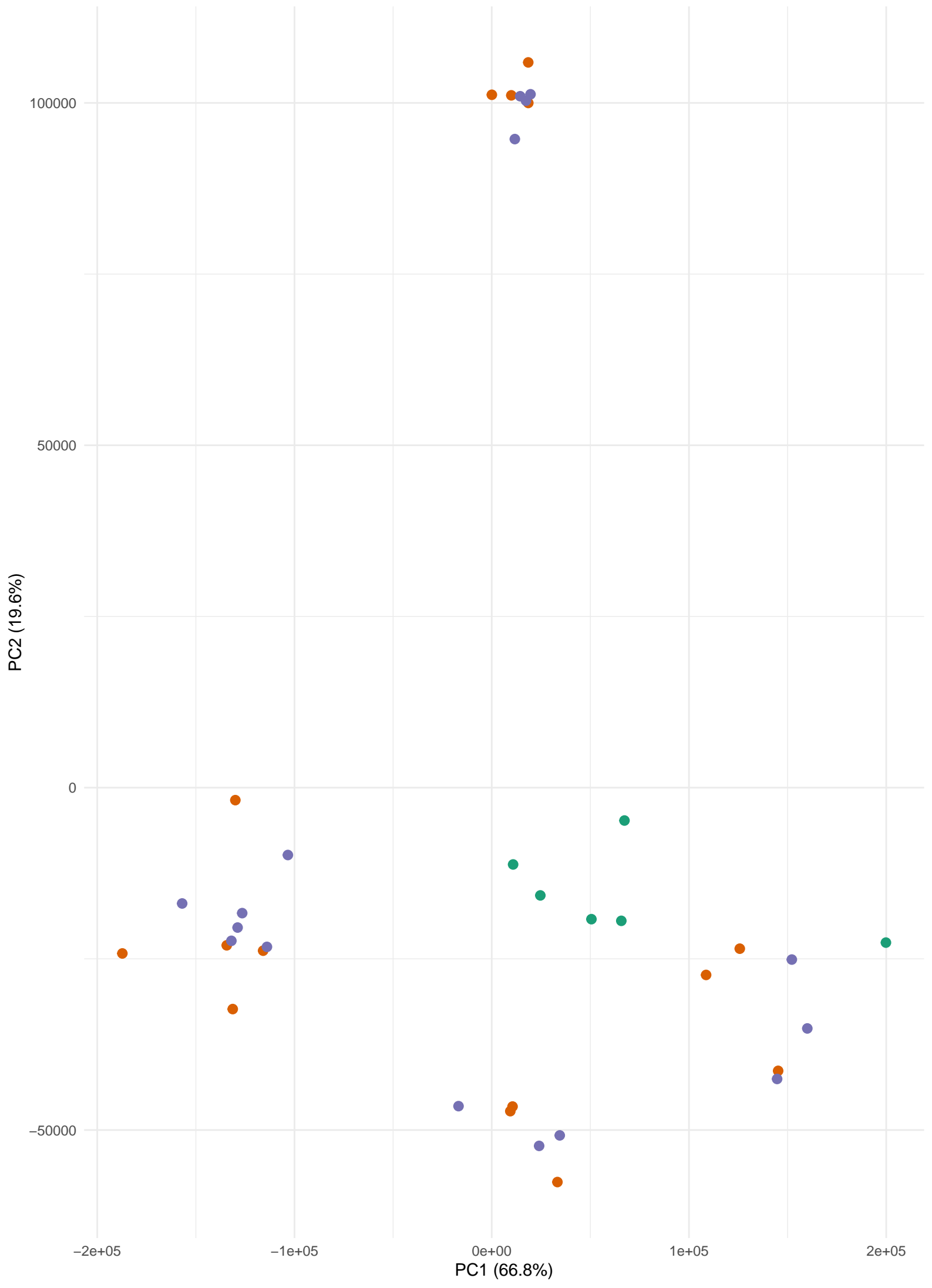
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PCA por harmonized sample disease ontology curie harmonized donor sex



harmonized sample disease ontology curie harmonized donor sex  male  NCIM:C0549184 female  NCIM:C0549184 male

PCA por harmonized sample disease ontology curie harmonized donor sex uncorrected



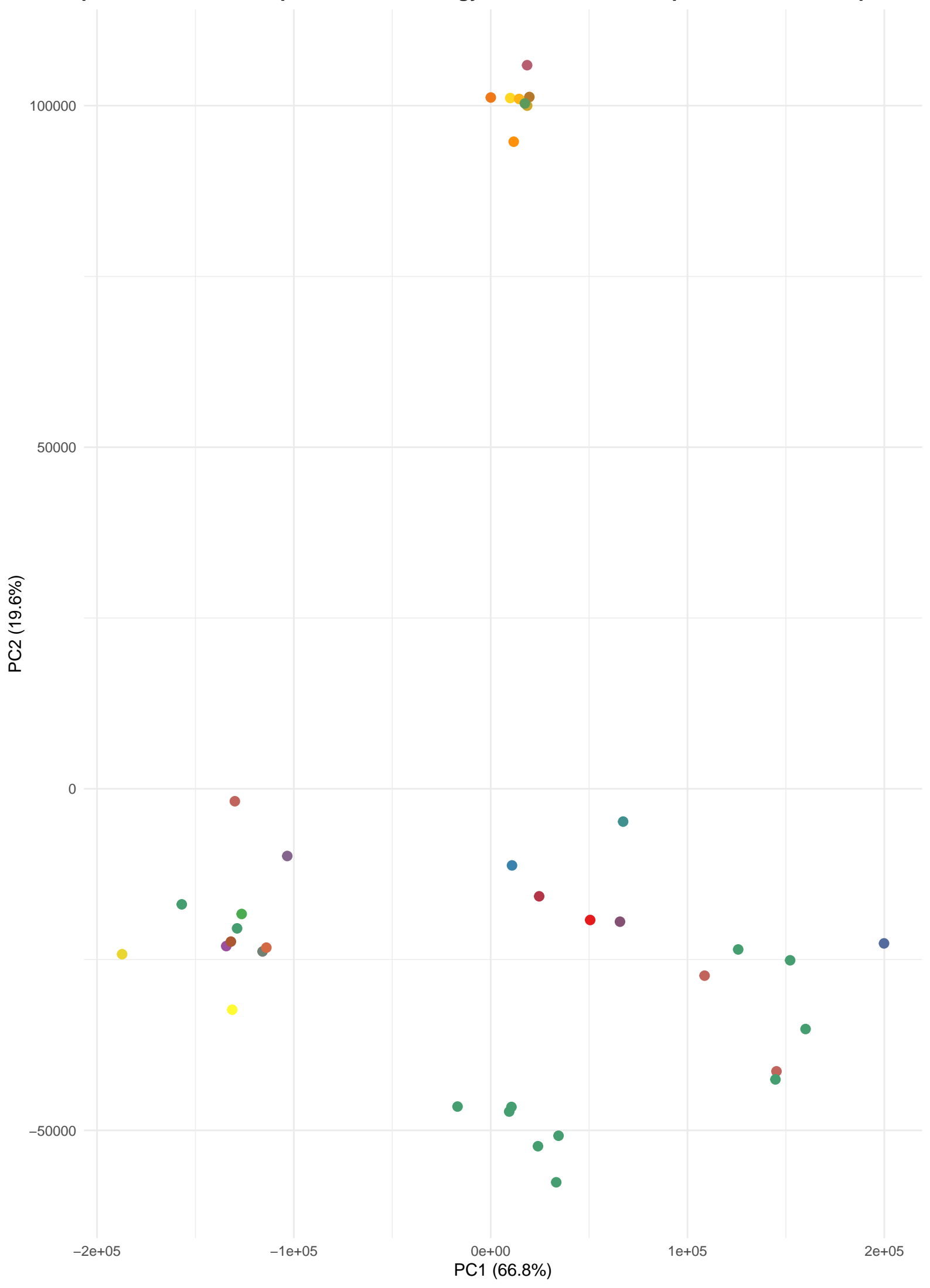
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harmonized sample disease ontology curie automated experiments ChIP.Seq H3K27ac

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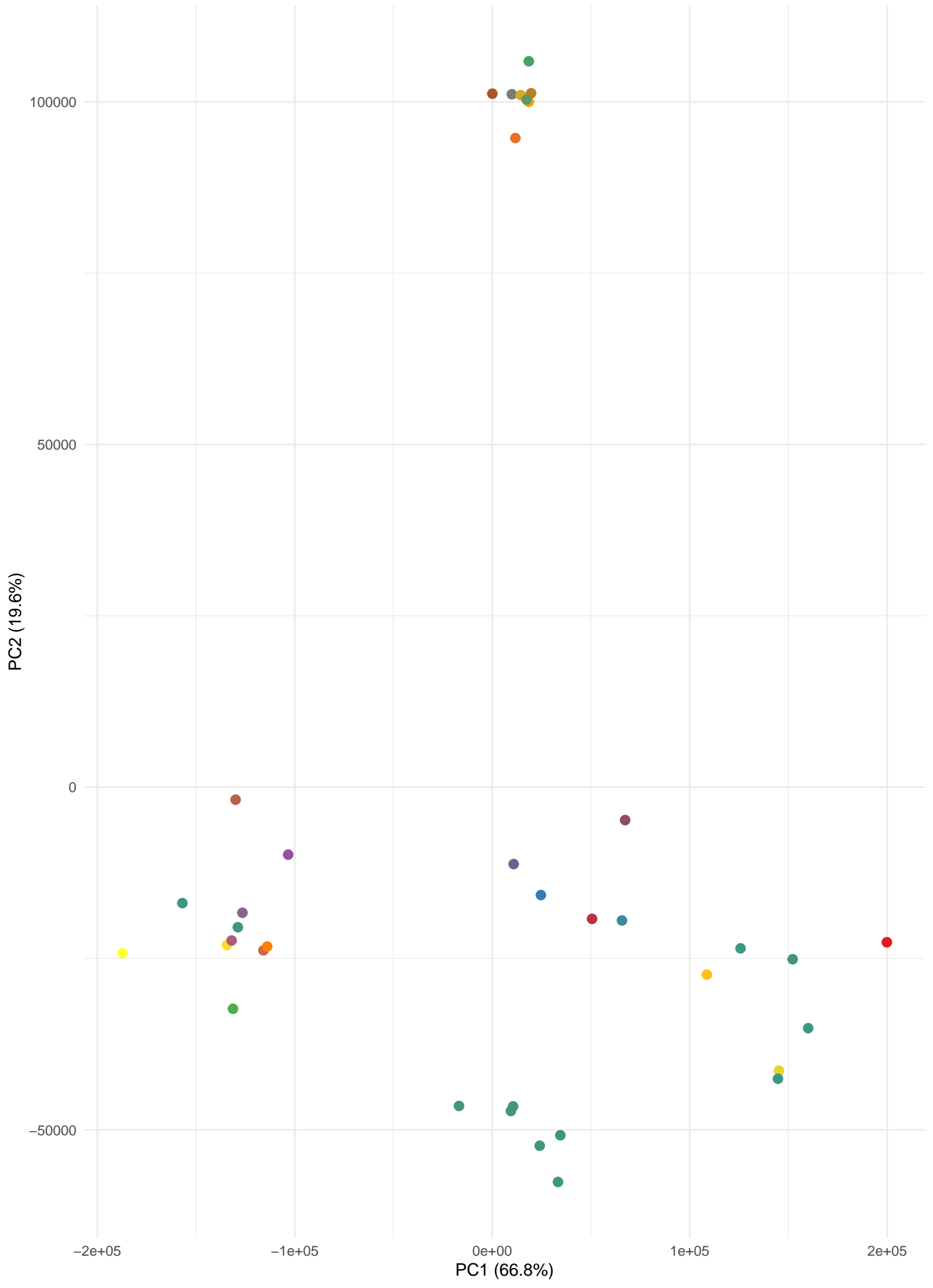
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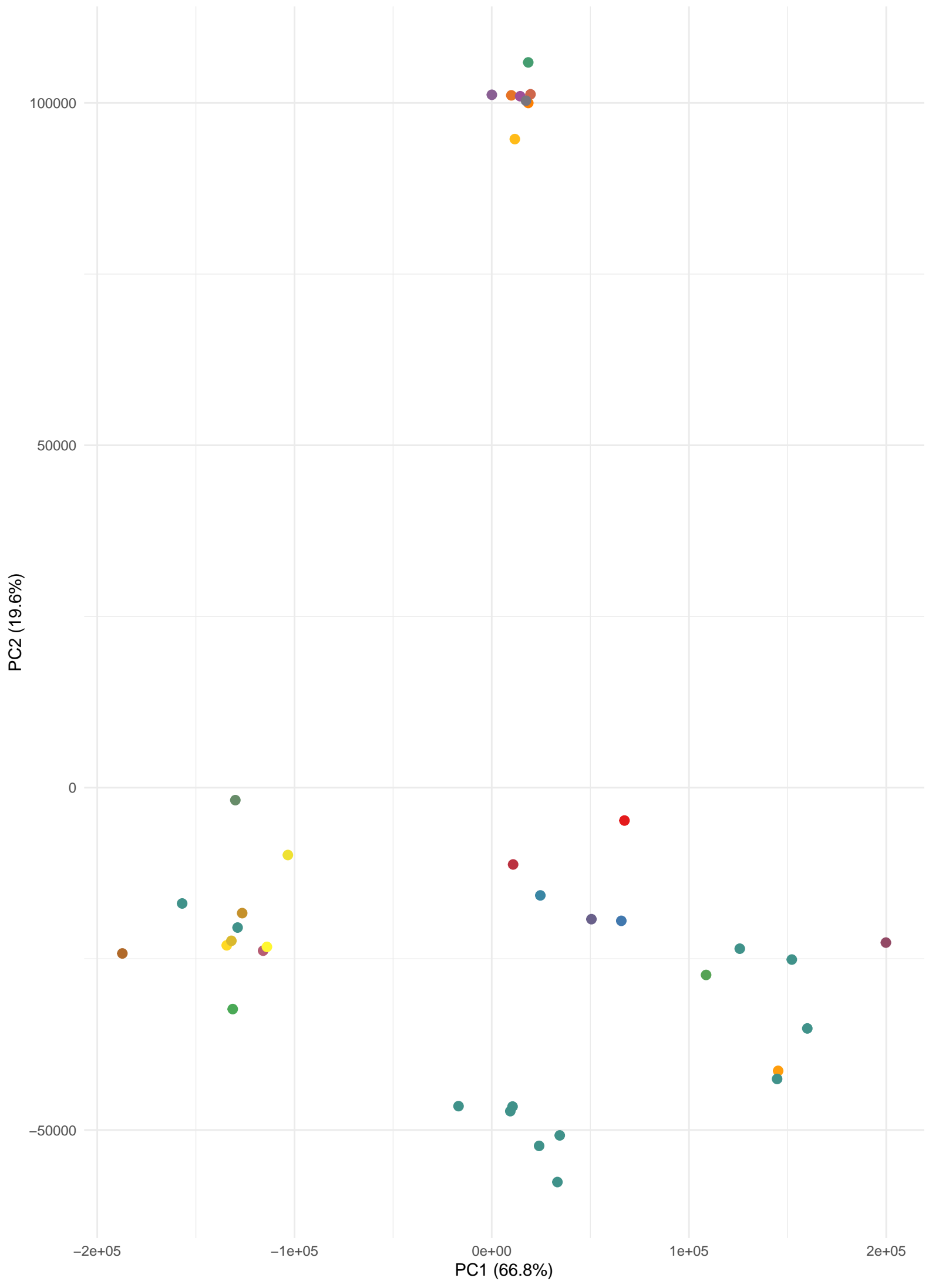
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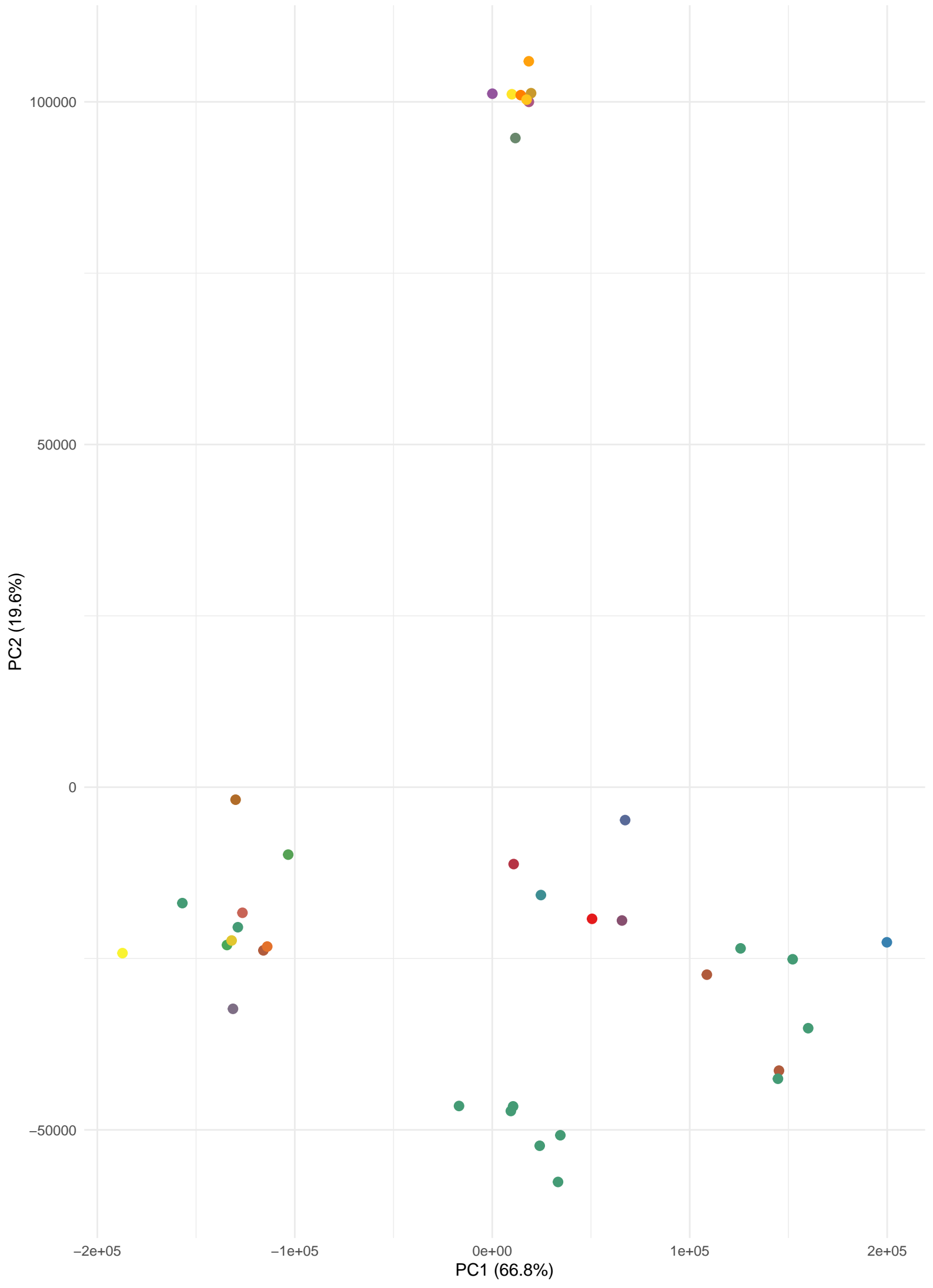
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harmonized sample disease ontology curie automated experiments ChIP.Seq H3K9me3

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PCA por harmonized sample disease ontology curie automated experiments WGBS standard

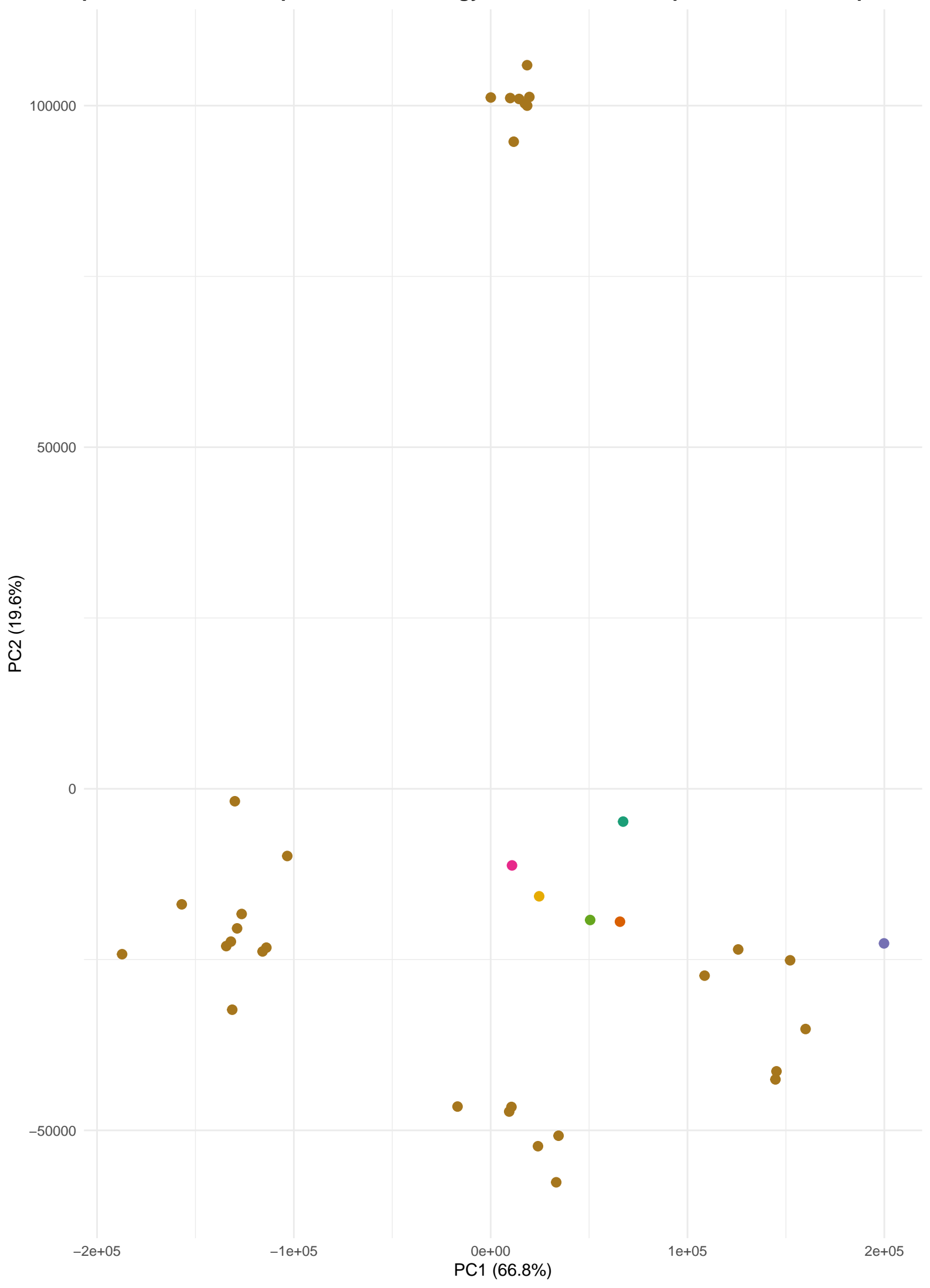
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PCA por harmonized sample disease ontology curie automated experiments WGBS PBA1

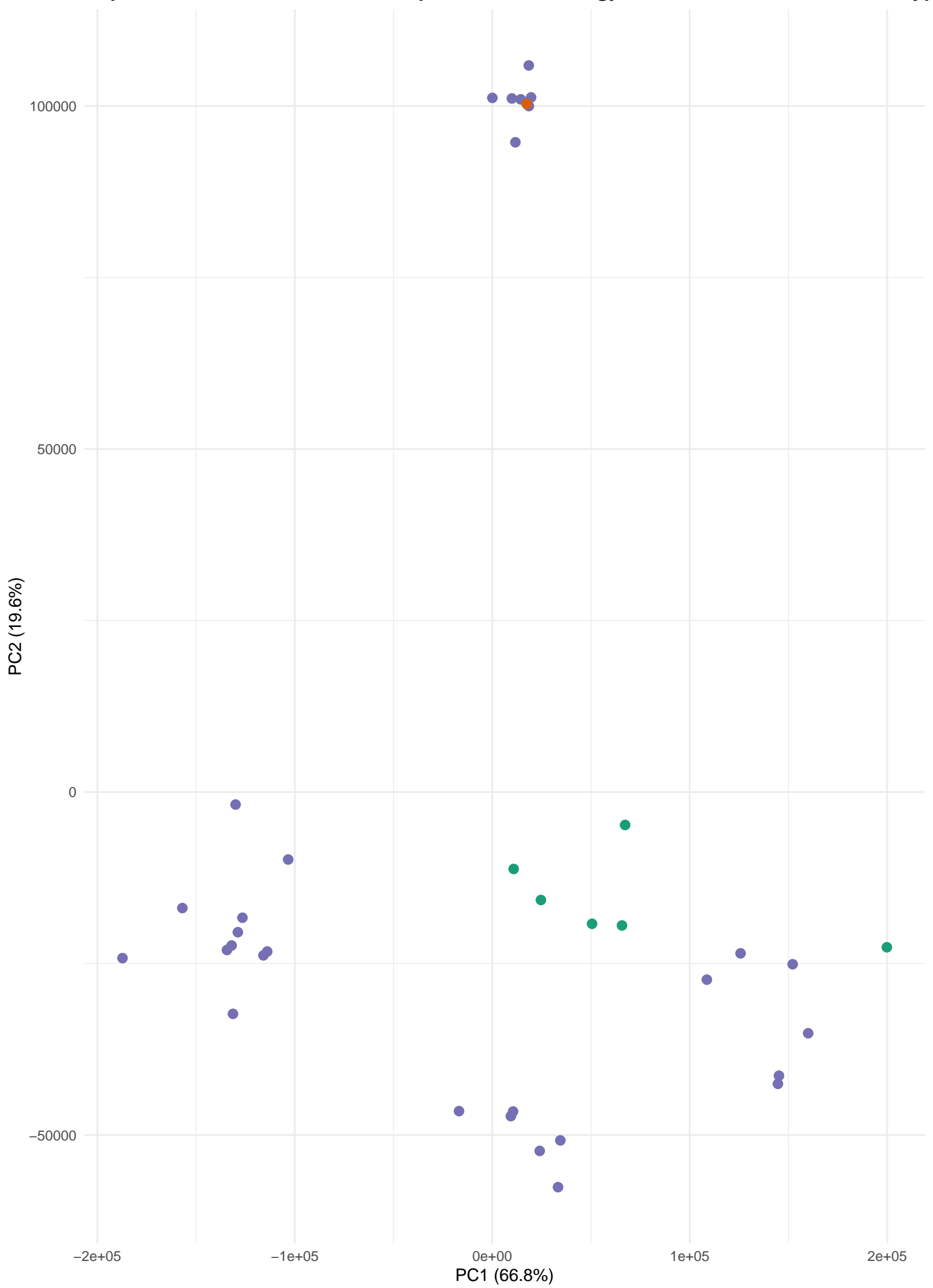
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PCA por harmonized sample disease ontology curie automated experiments RNA.Seq mRNA



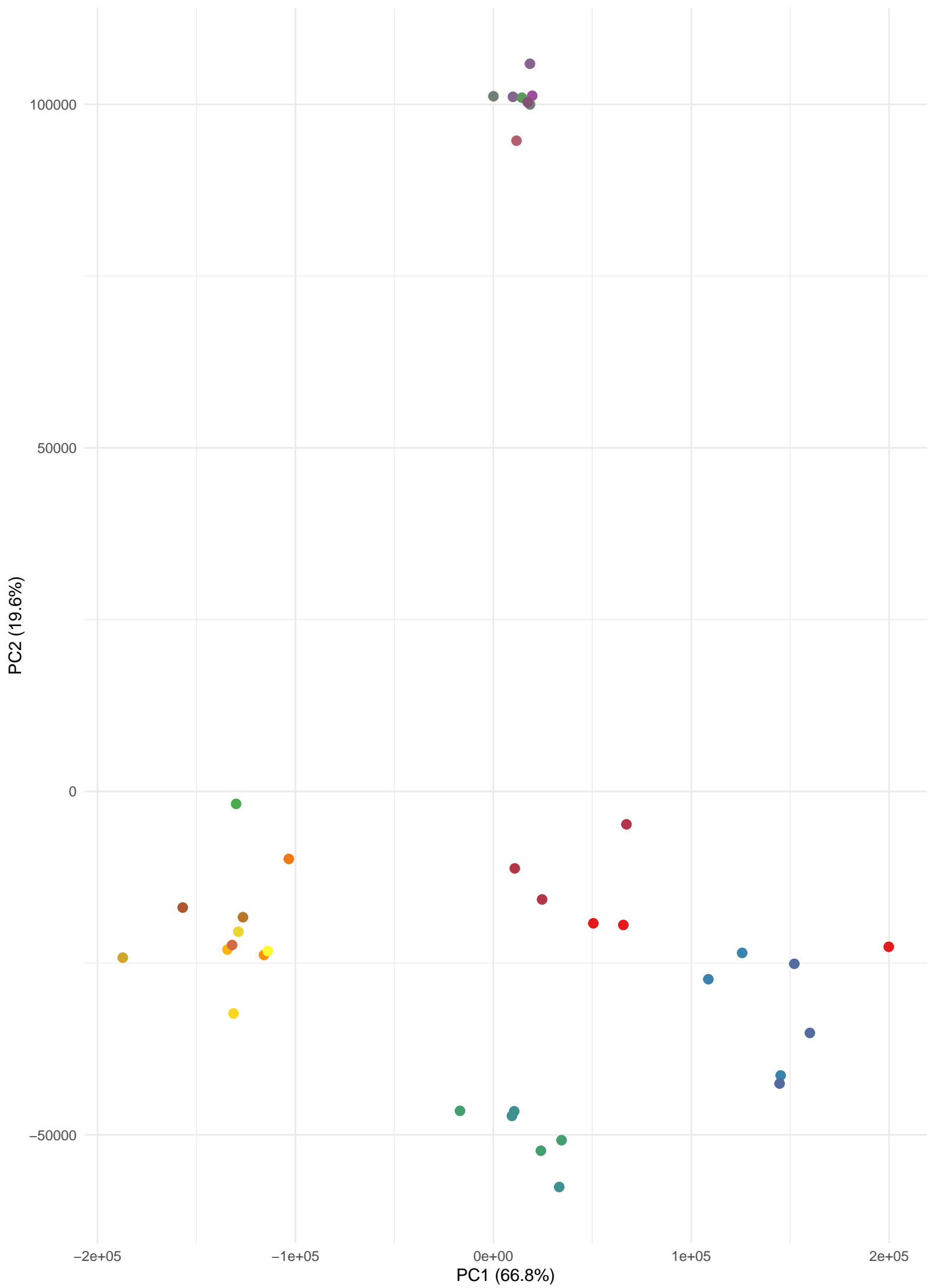
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PCA por automated harmonized sample disease ontology curie ncit harmonized donor type



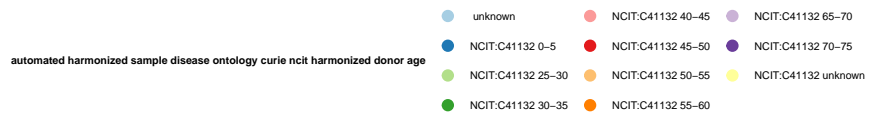
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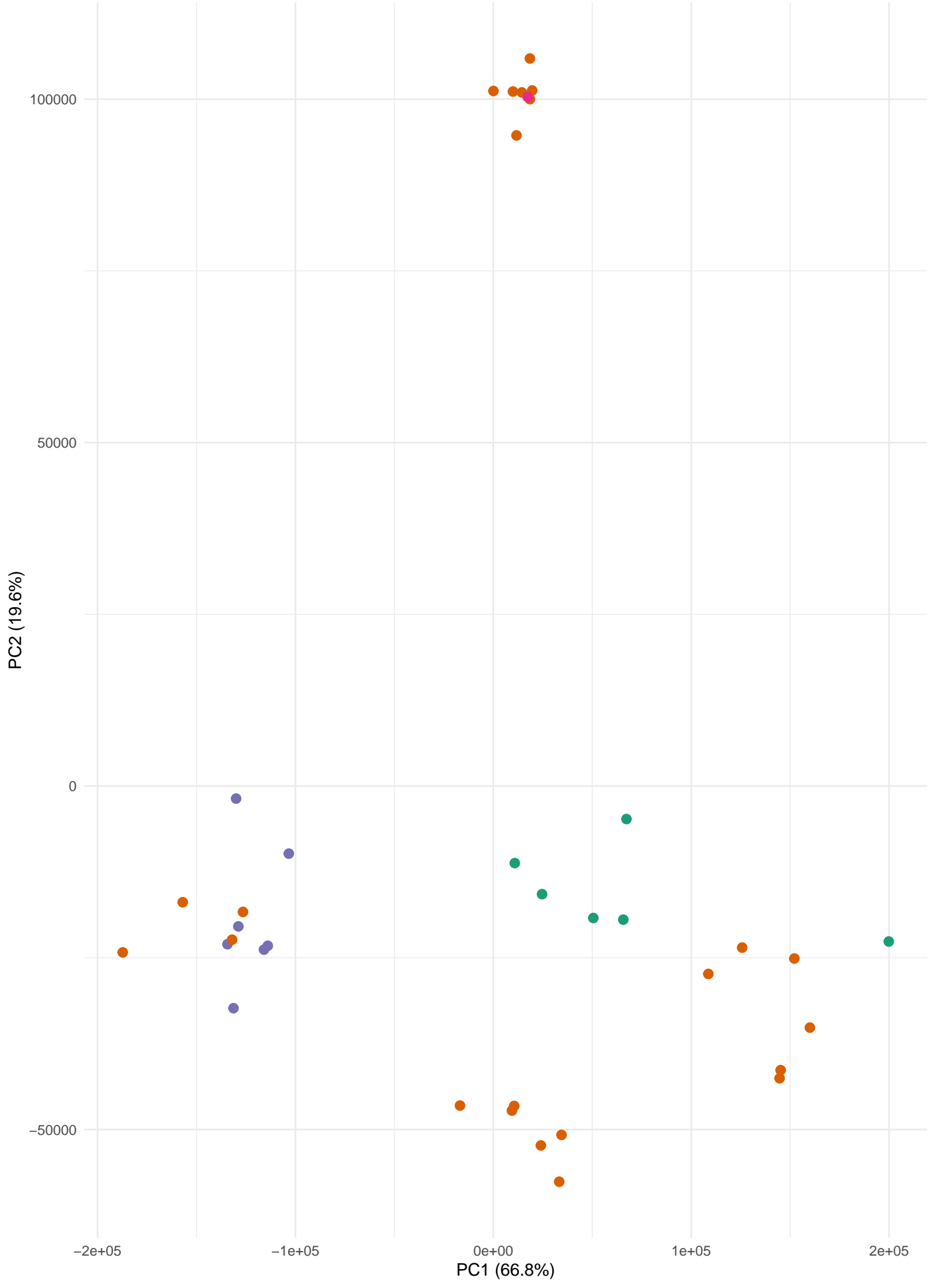
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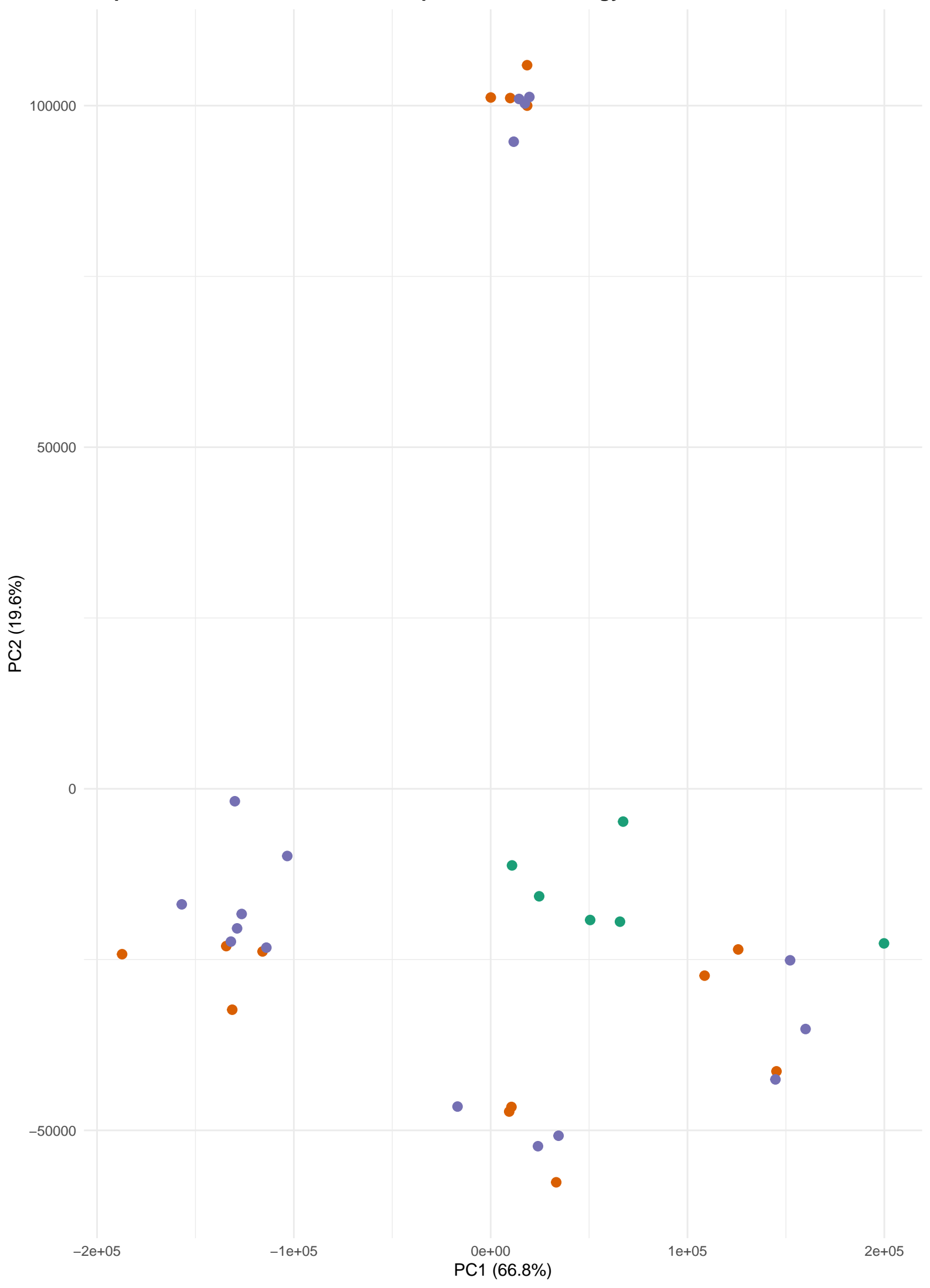
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automated harmonized sample disease ontology curie ncit harmonized donor life stage uncorrected




- unknown
- NCIT:C41132 child
- NCIT:C41132 adult
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PCA por automated harmonized sample disease ontology curie ncit harmonized donor se



automated harmonized sample disease ontology curie ncit harmonized donor sex  male  NCIT:C41132 female  NCIT:C41132 male

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A por automated harmonized sample disease ontology curie ncit automated experiments ChIP.Se

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por automated harmonized sample disease ontology curie ncit automated experiments ChIP.Se

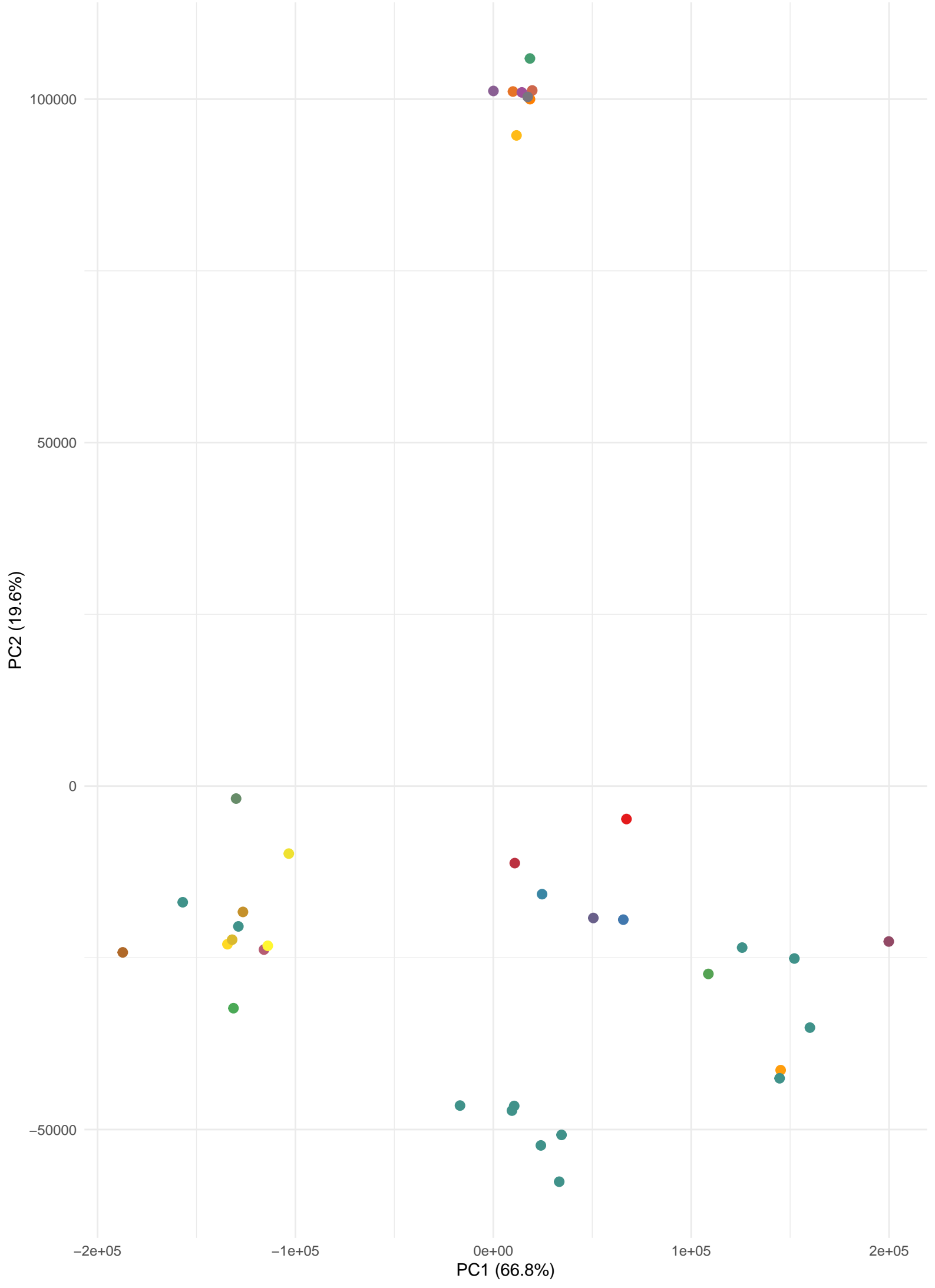
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A por automated harmonized sample disease ontology curie ncit automated experiments ChIP.Se

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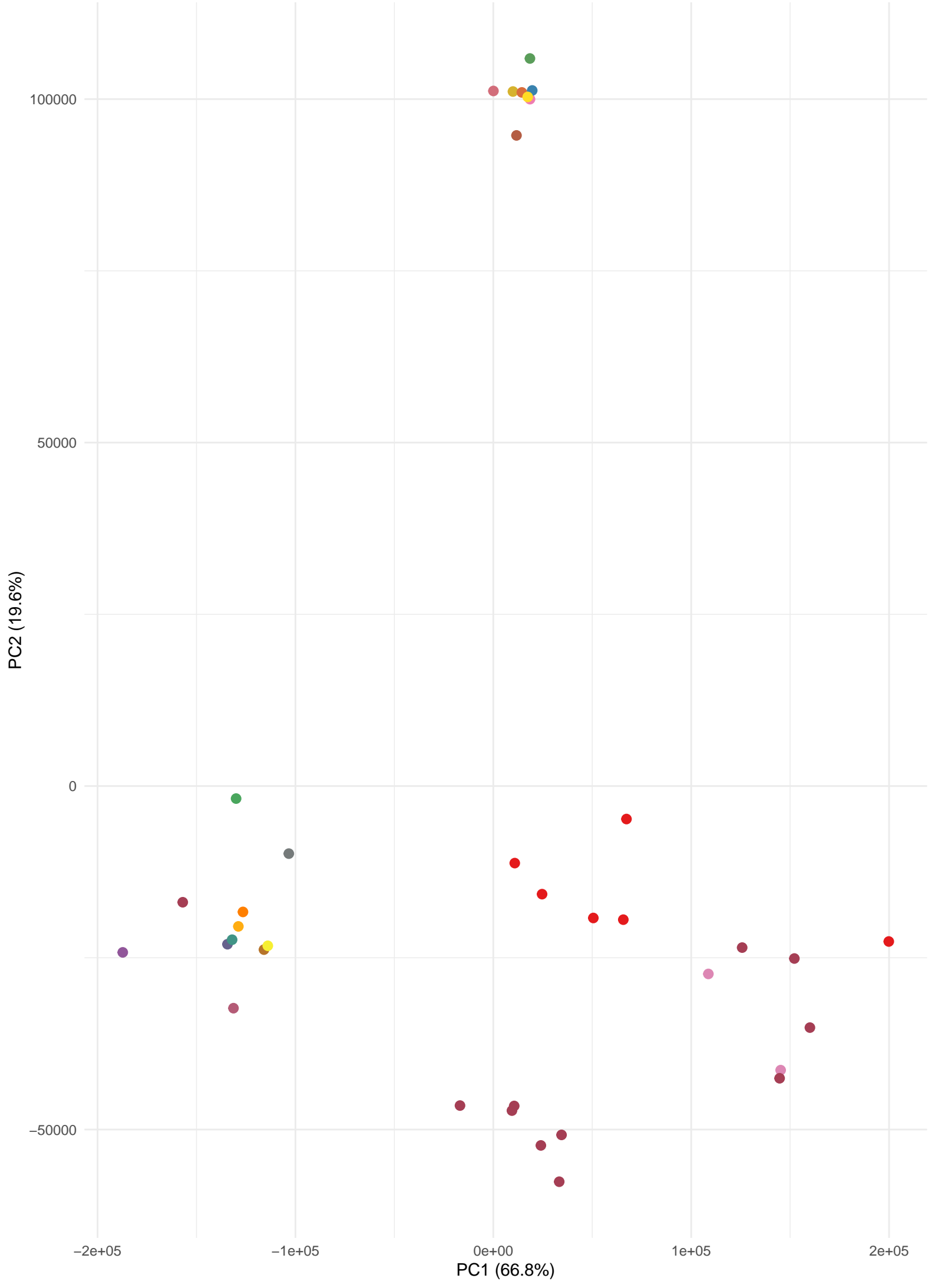
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A por automated harmonized sample disease ontology curie ncit automated experiments ChIP.Se

automated harmonized sample disease ontology curie ncit automated experiments ChIP.Seq H3K9me3

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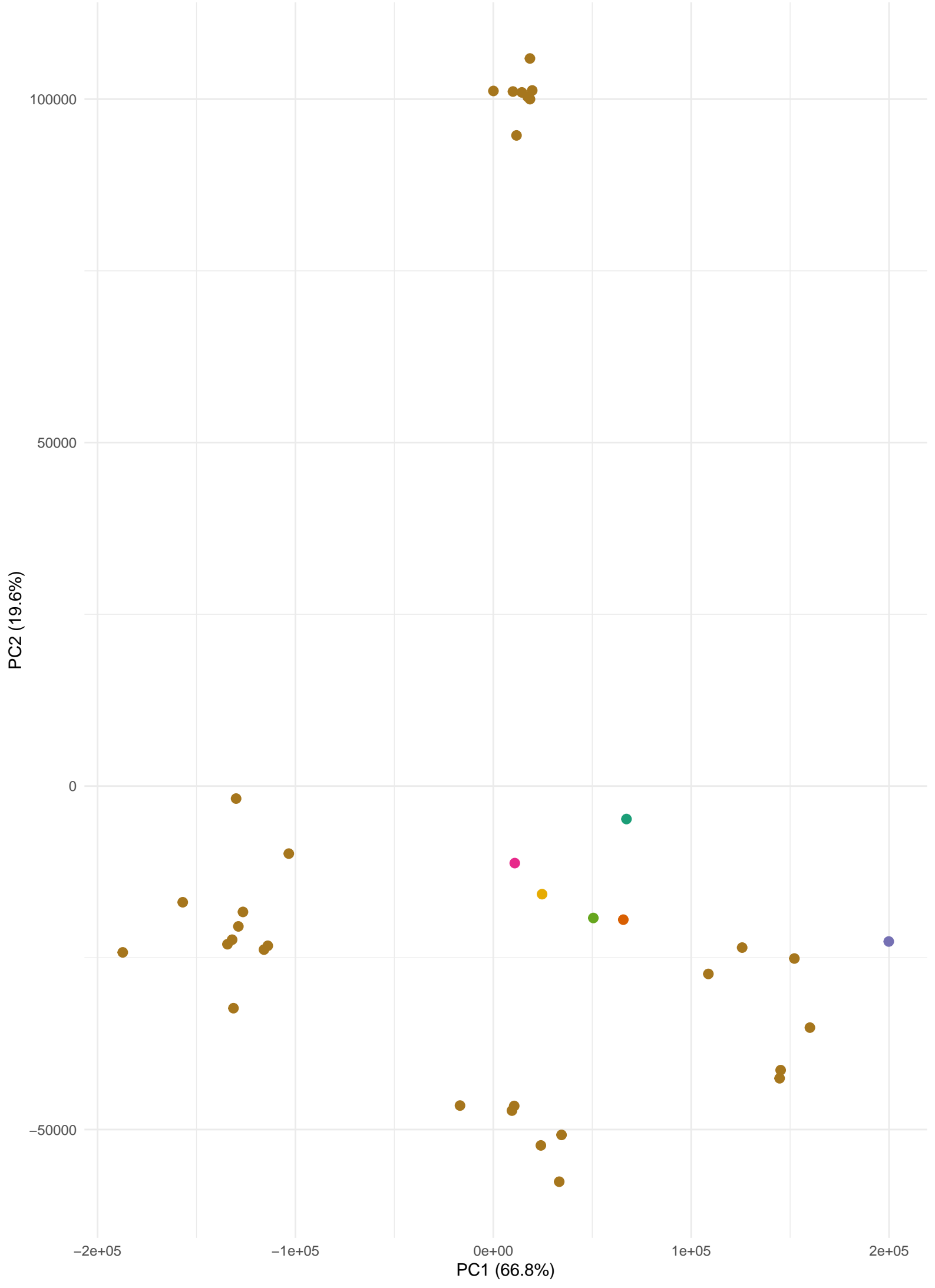
automated harmonized sample disease ontology curie ncit automated experiments WGBS standard

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PCA por automated harmonized sample disease ontology curie ncit automated experiments WGE

automated harmonized sample disease ontology curie ncit automated experiments WGBS PBAT

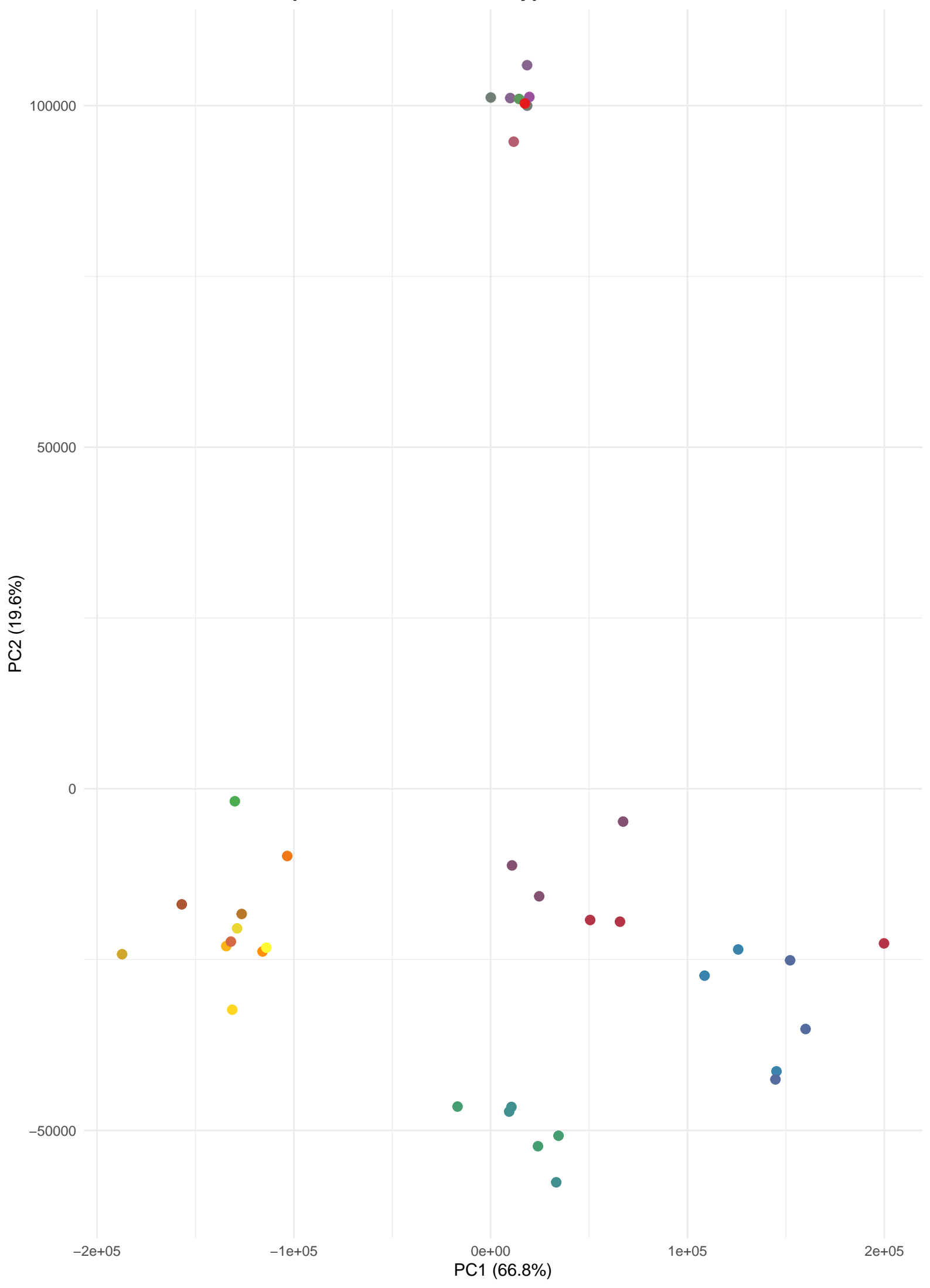
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automated harmonized sample disease ontology curie ncit automated experiments RNA.Seq mRNA.Seq

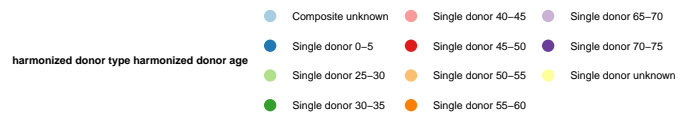
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PCA por harmonized donor type harmonized donor id

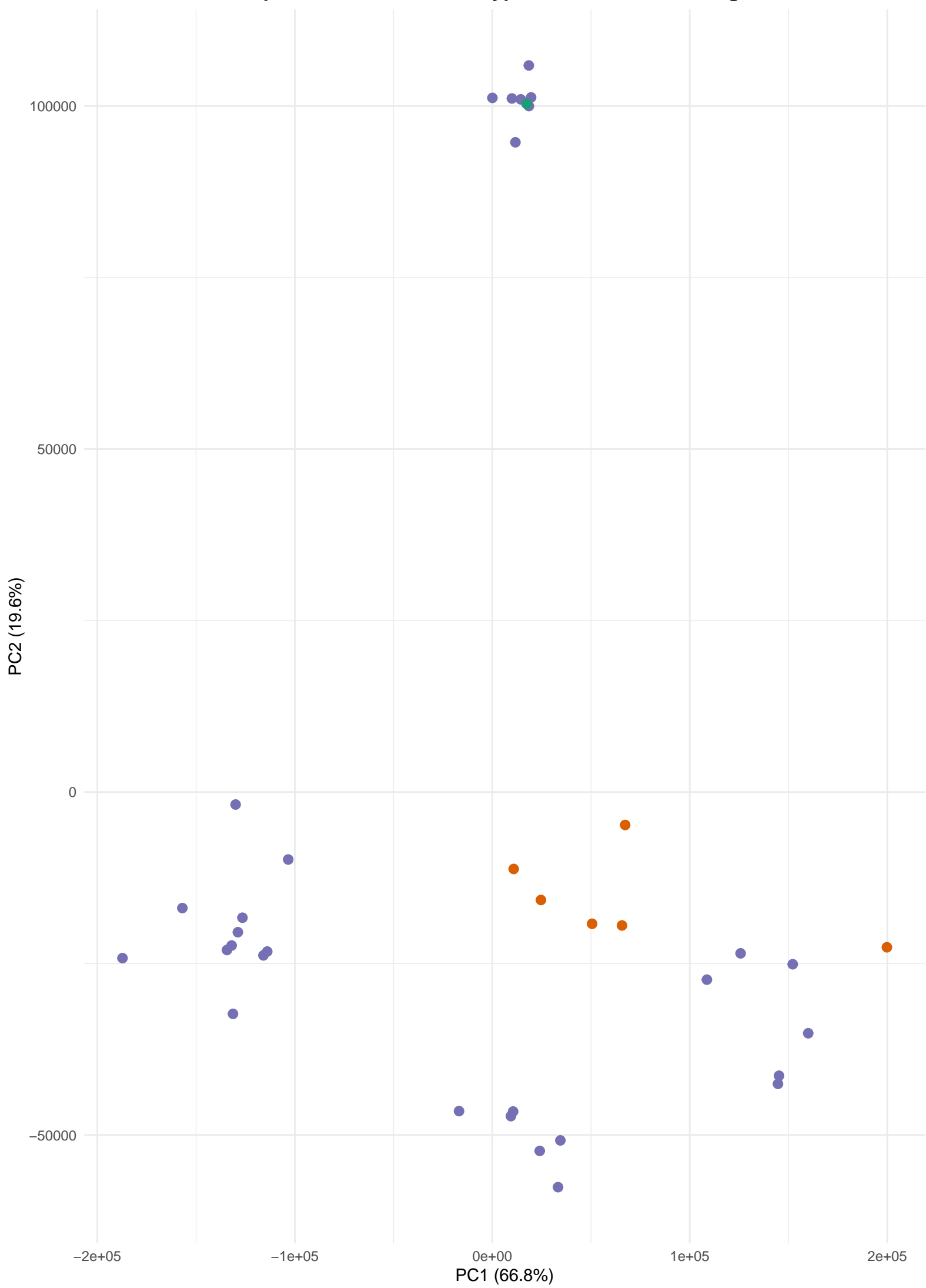




PCA por harmonized donor type harmonized donor age



PCA por harmonized donor type harmonized donor age unit

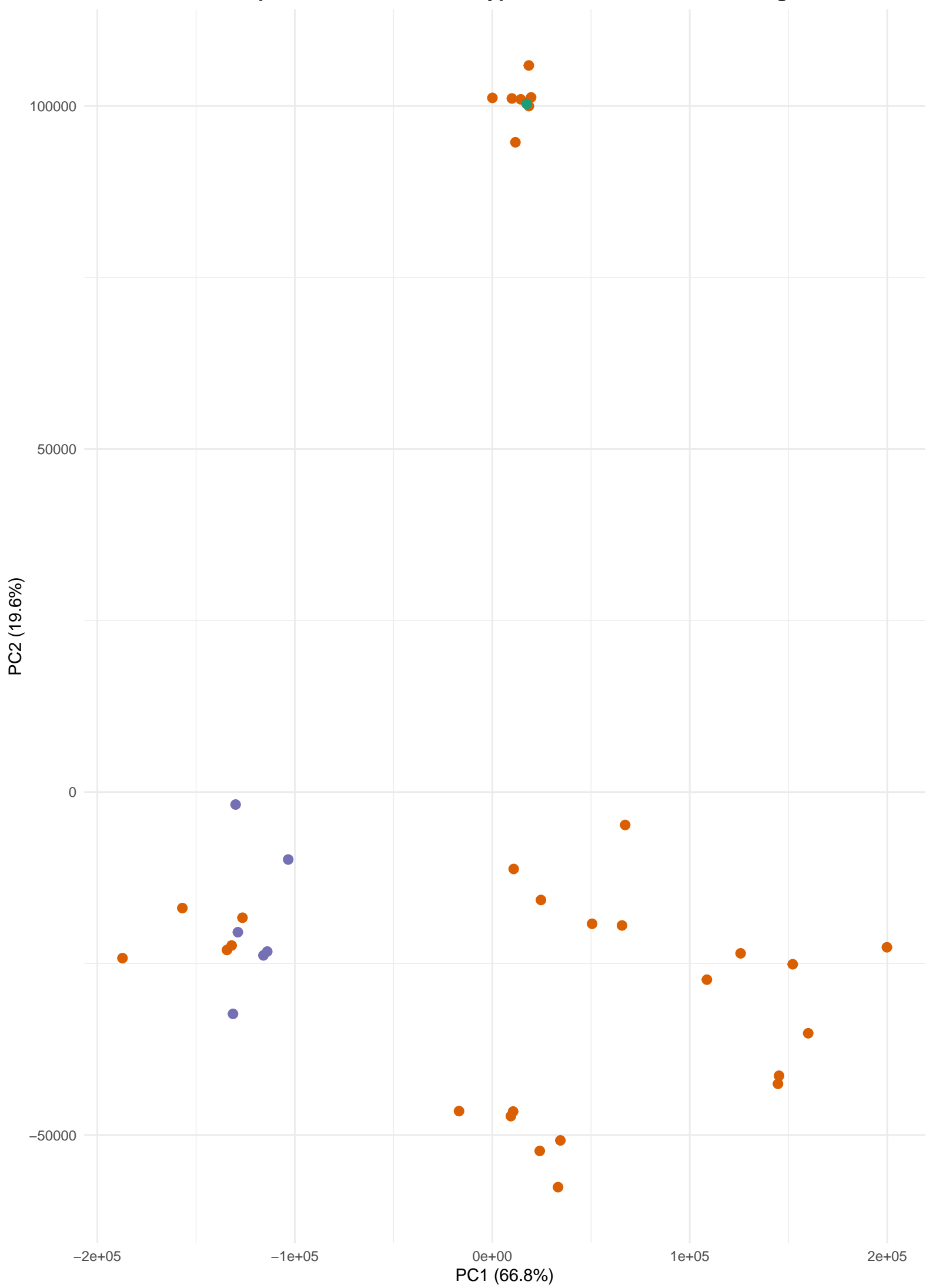


harmonized donor type harmonized donor age unit ● Composite unknown ● Single donor unknown ● Single donor year

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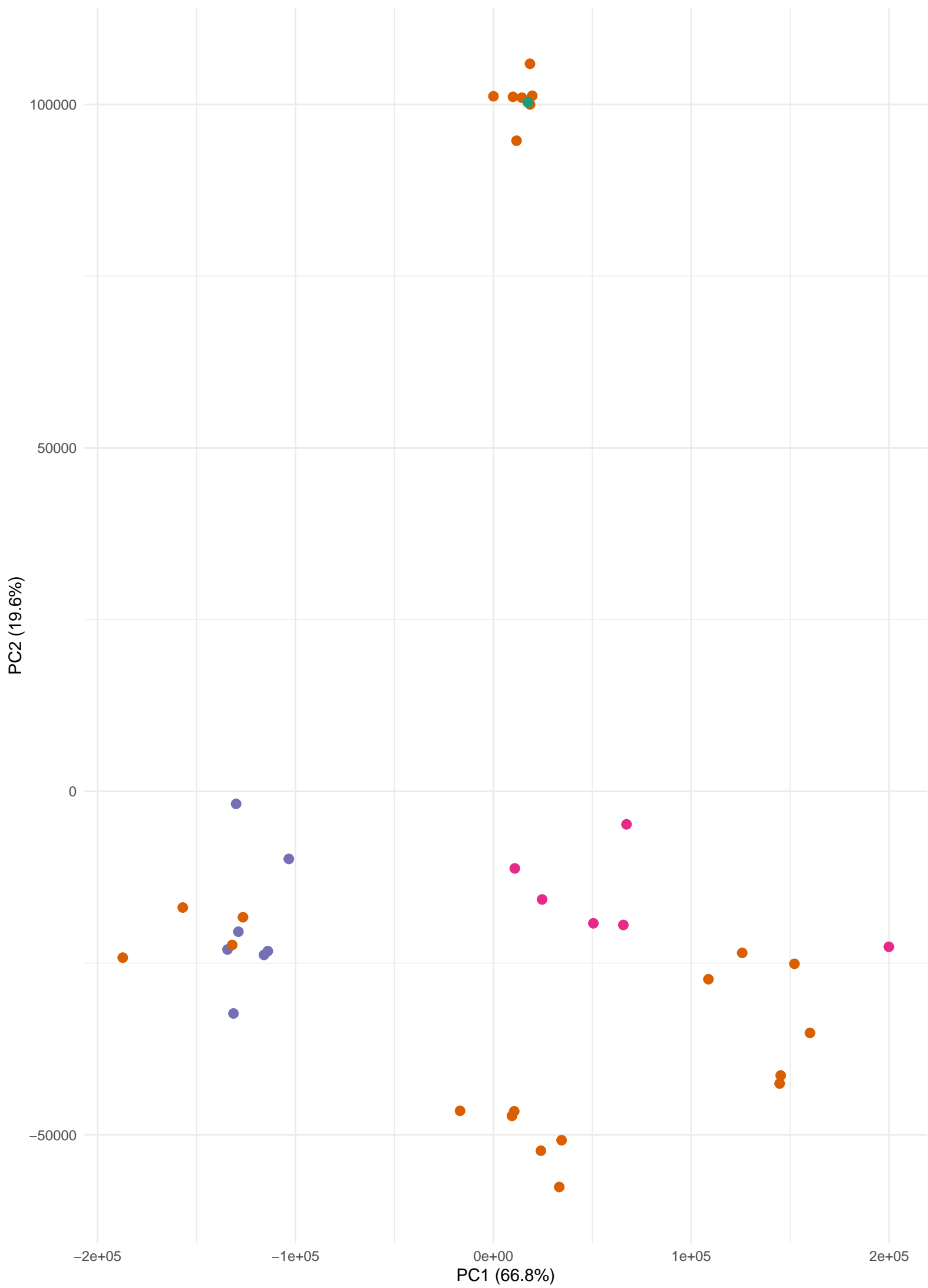


PCA por harmonized donor type harmonized donor life stage



harmonized donor type harmonized donor life stage  Composite adult  Single donor adult  Single donor child

PCA por harmonized donor type harmonized donor life stage uncorrected



harmonized donor type harmonized donor life stage uncorrected



Composite unknown



Single donor child

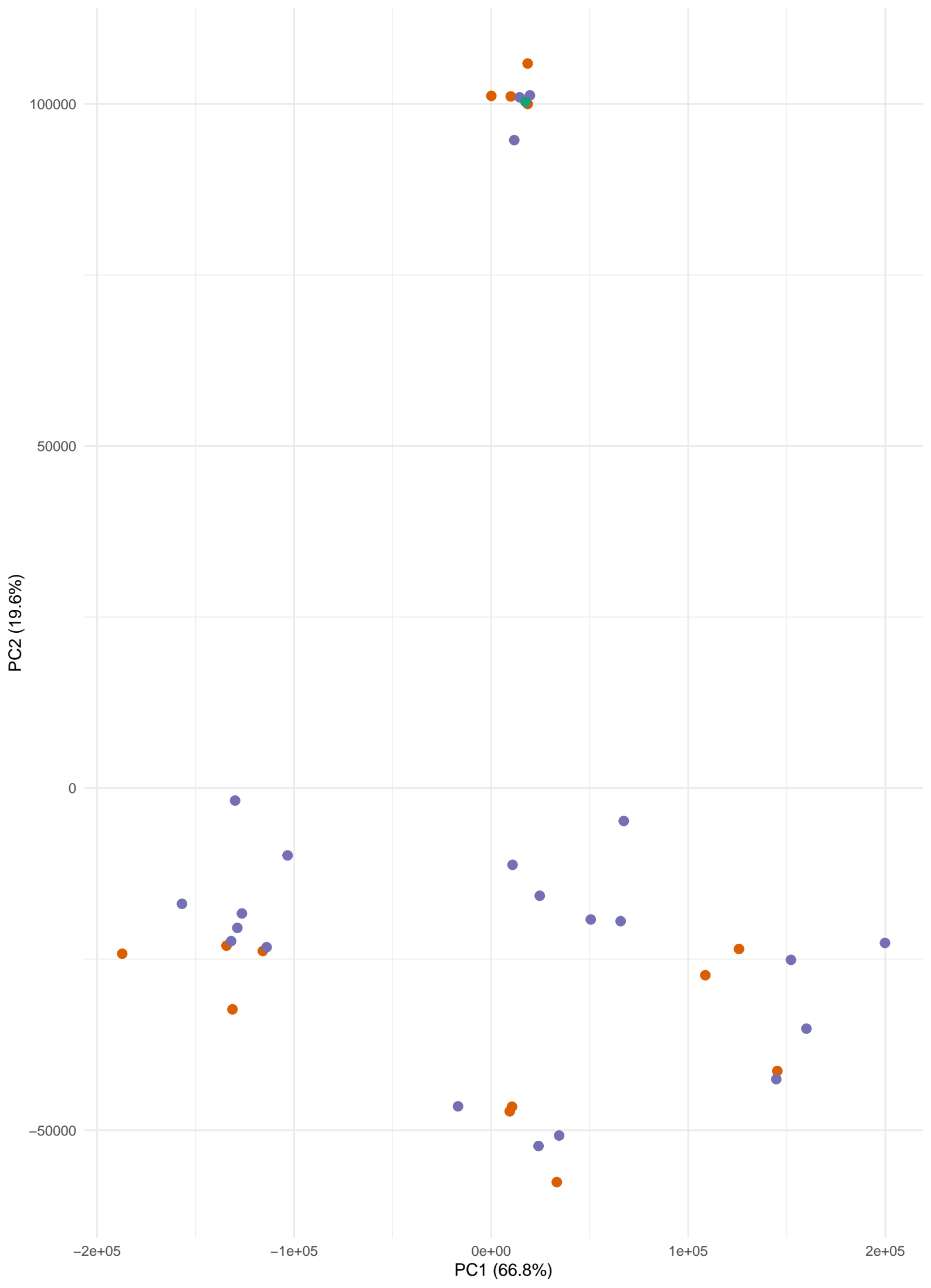





Single donor adult



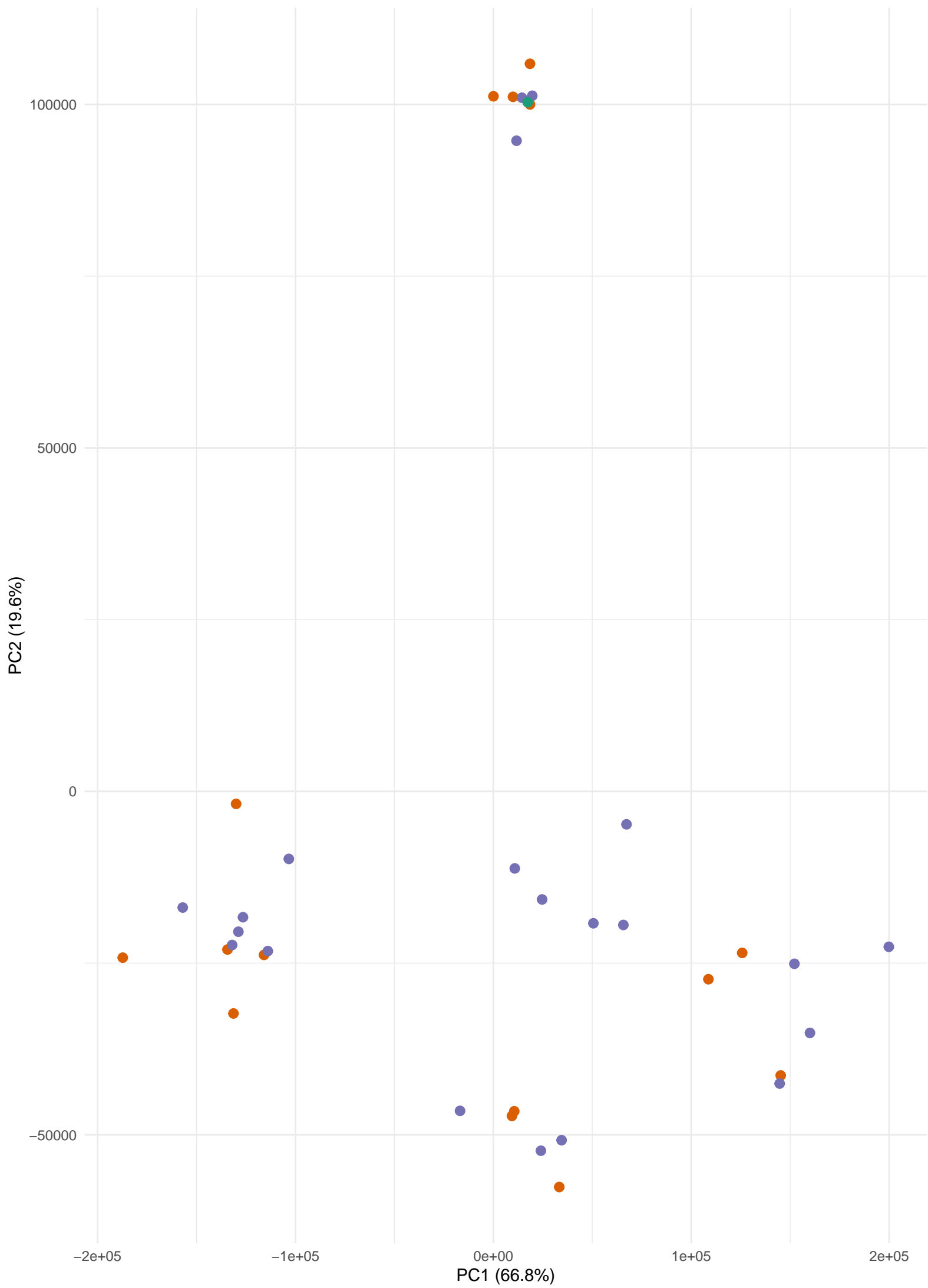
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PCA por harmonized donor type harmonized donor sex



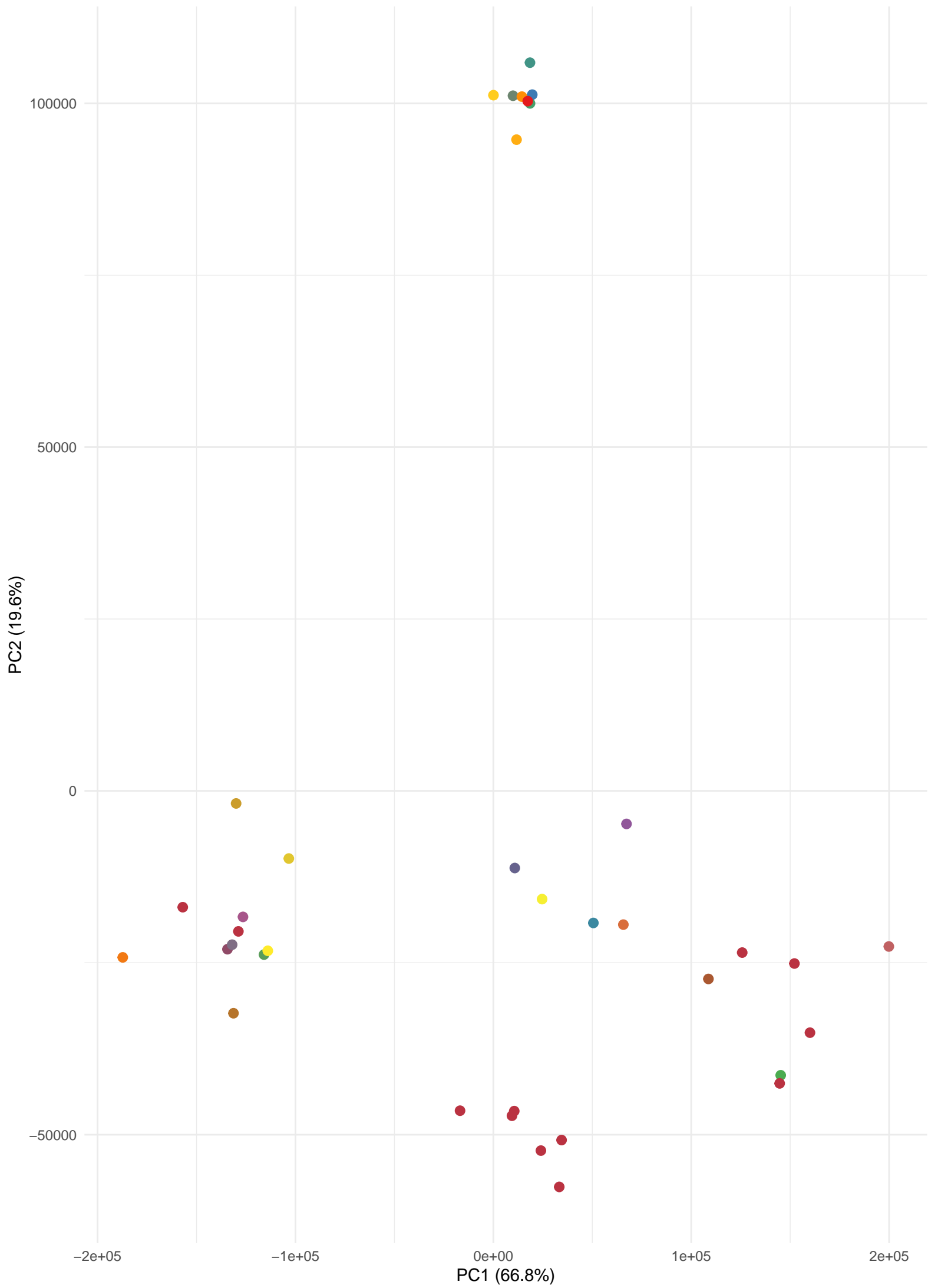
harmonized donor type harmonized donor sex  Composite male  Single donor female  Single donor male

PCA por harmonized donor type harmonized donor sex uncorrected



harmonized donor type harmonized donor sex uncorrected  Composite male  Single donor female  Single donor male

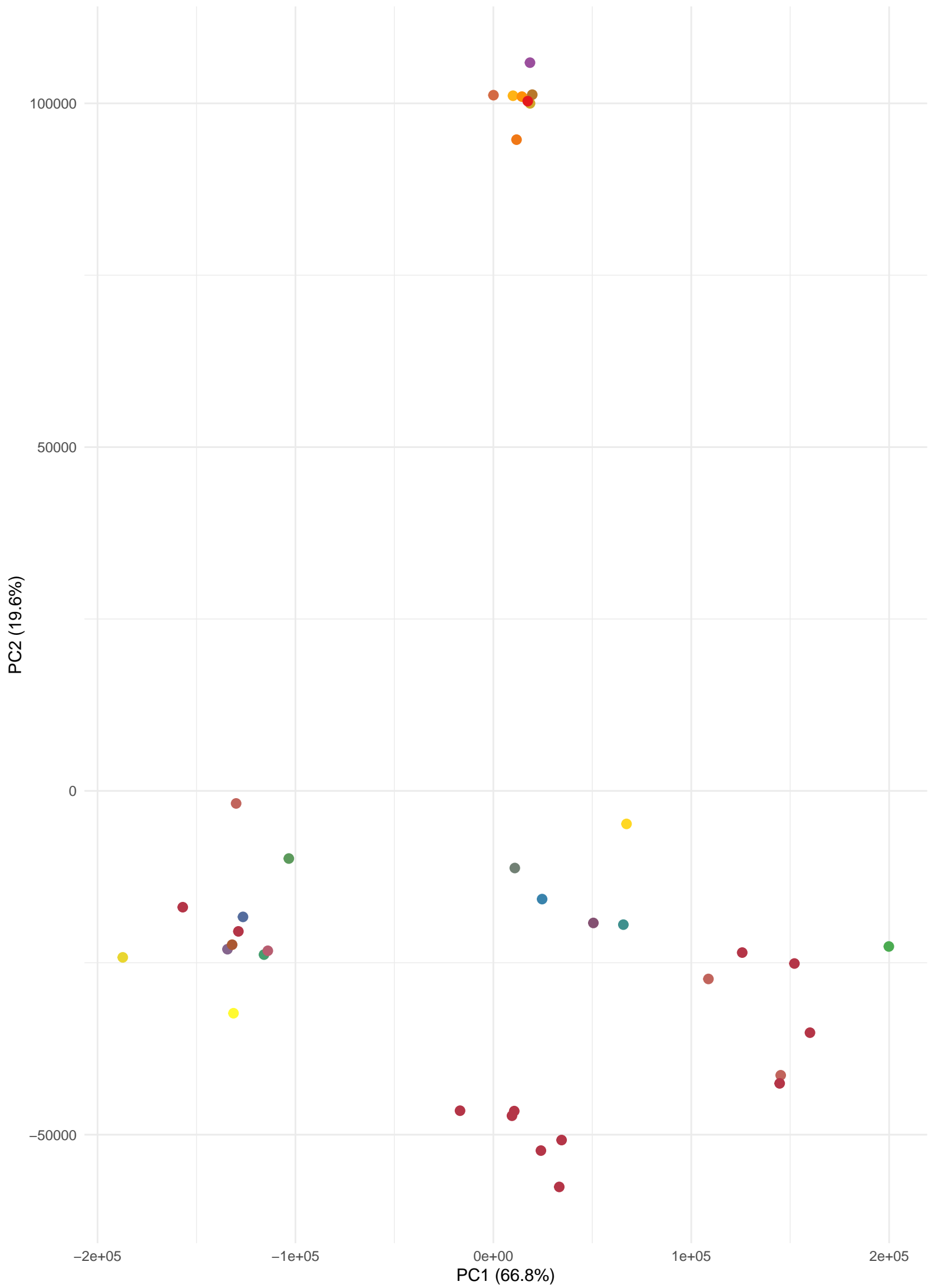
PCA por harmonized donor type automated experiments ChIP.Seq H3K27ac



harmonized donor type automated experiments ChIP.Seq H3K27ac

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| ● Single donor | ● Single donor 6de3a207-ef97-4cbc-a25e-5966bc51a6e1 | ● Single donor c7277a95-3c87-4ff4-8d24-2adf03b194fd |
| ● Single donor 21204e63-5580-42b6-aaaf-3888daa8192c | ● Single donor 7a04d905-73a0-4079-9968-67c3833836fc | ● Single donor cbf21cc3-59bc-4d31-8242-16b6ee9a92b5 |
| ● Single donor 2c3a006d-4902-4554-a0ba-f4040c3979e5 | ● Single donor 87217a77-af17-4375-b2cb-d5433d7630b0 | ● Single donor d4812fd5-35f7-424c-8ea9-21e1d395b54b |
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| ● Single donor 30aebd5d-55b8-4958-834c-27c8c0a165bb | ● Single donor 9f989b17-6131-4e53-a04c-2c3b0ade703c | ● Single donor e6c68a5d-37e7-47a6-8c62-20a8e3b053f3 |
| ● Single donor 3d6a9515-43c7-44fc-85d7-9f3ee3c4083d | ● Single donor a4b839f4-cb72-4000-8141-3e889aede665 | ● Single donor f7f2e0ed-3f12-40ea-ab1e-c5e10f8d62d8 |
| ● Single donor 433bc629-750b-4674-bbb1-9759454f2728 | ● Single donor a978fdae-f5dd-439a-80ce-578a0400ca86 | ● Single donor fbf5d53da-2abb-44c5-8840-6fb61a0caadc |
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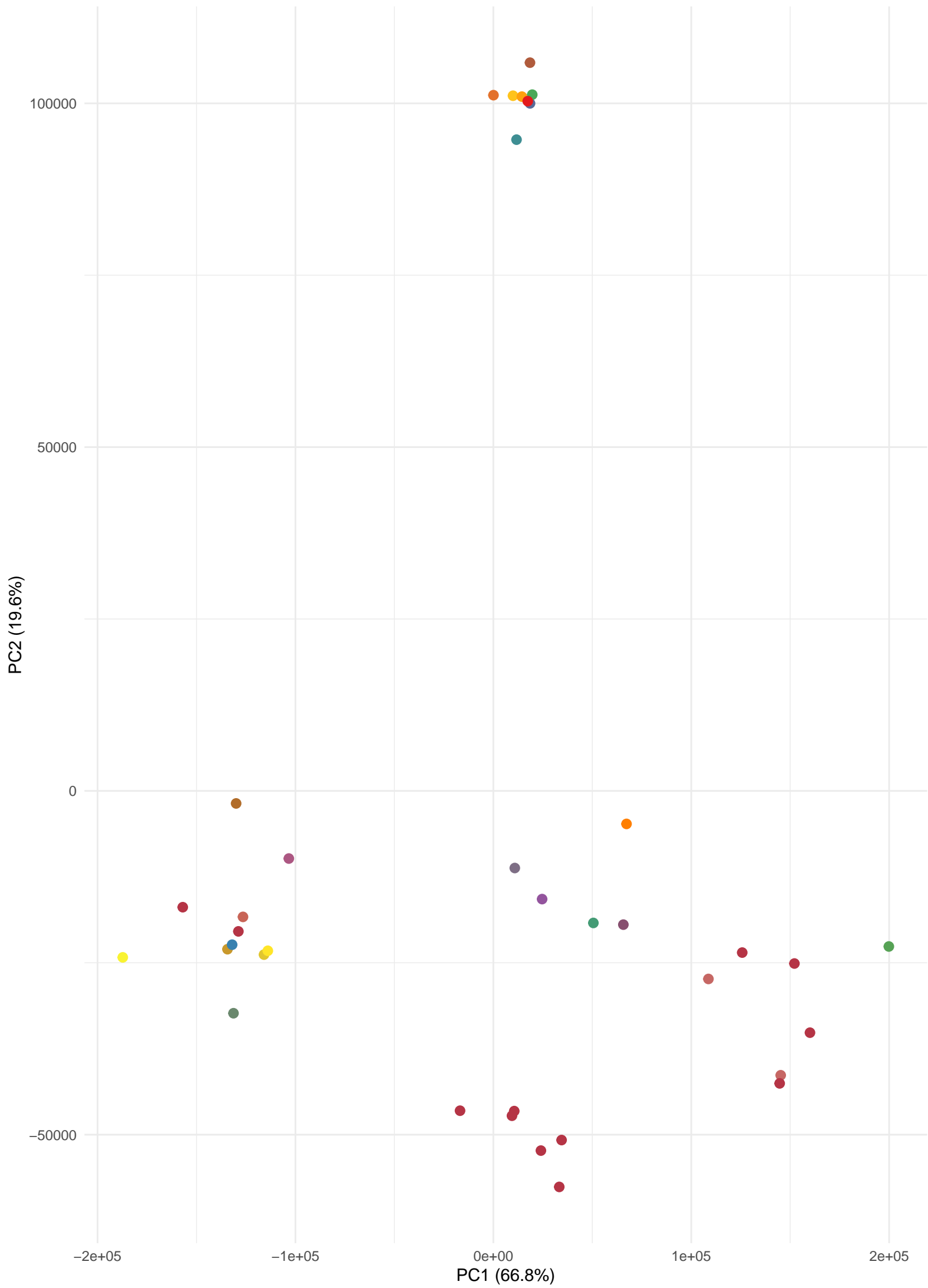
PCA por harmonized donor type automated experiments ChIP.Seq H3K27me3



harmonized donor type automated experiments ChIP.Seq H3K27me3

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- Single donor 10501a10-327b-4601-8d8d-0d0bc776bb15
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- Single donor imputed

PCA por harmonized donor type automated experiments ChIP.Seq H3K36me3



harmonized donor type automated experiments ChIP.Seq H3K36me3

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| ● Single donor | ● Single donor 5334d23f-e014-40d2-bc7a-ac83a243daae | ● Single donor dfc63e95-4862-4384-a735-dc9483aed805 |
| ● Single donor 03a5399b-8198-4c5d-9733-643e52230ded | ● Single donor 5d44418c-818f-4534-8844-0d0e8e0143a7 | ● Single donor e9ec476a-ba27-4442-9d25-8e1fc0abb738 |
| ● Single donor 05fcdabc-d11f-4f6c-af26-2868c8125e10 | ● Single donor 78afa2e5-5711-4b0e-8724-55134969481b | ● Single donor eae79e0-ee5e-42e1-9f29-f42824b74440 |
| ● Single donor 0e1b30a1-ec4a-41e3-8cd9-c8f03f347482 | ● Single donor 7ba479df-2d75-4a21-a2dc-30d87eedc37a | ● Single donor f239d3f1-9d11-4b14-aece-ad23d5390811 |
| ● Single donor 10d36a04-e044-4c40-9b45-3ef18c963298 | ● Single donor 8d5b3081-225e-438e-b618-c17adc495516 | ● Single donor fad9bc04-0bdc-4657-b500-fd85f0e8342e |
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| ● Single donor 248d0803-44a8-4240-ab7f-e2ff74839d74 | ● Single donor b2ccf16a-9055-4734-b0ff-eb0714415e6a | |
| ● Single donor 43a724cd-c3b0-46db-9b56-bc285ebfa0a4 | ● Single donor b5663e0a-6a83-45b1-ab56-04d7ac22eee1 | |

PCA por harmonized donor type automated experiments ChIP.Seq H3K4me1

harmonized donor type automated experiments CHIP.Seq H3K4me1

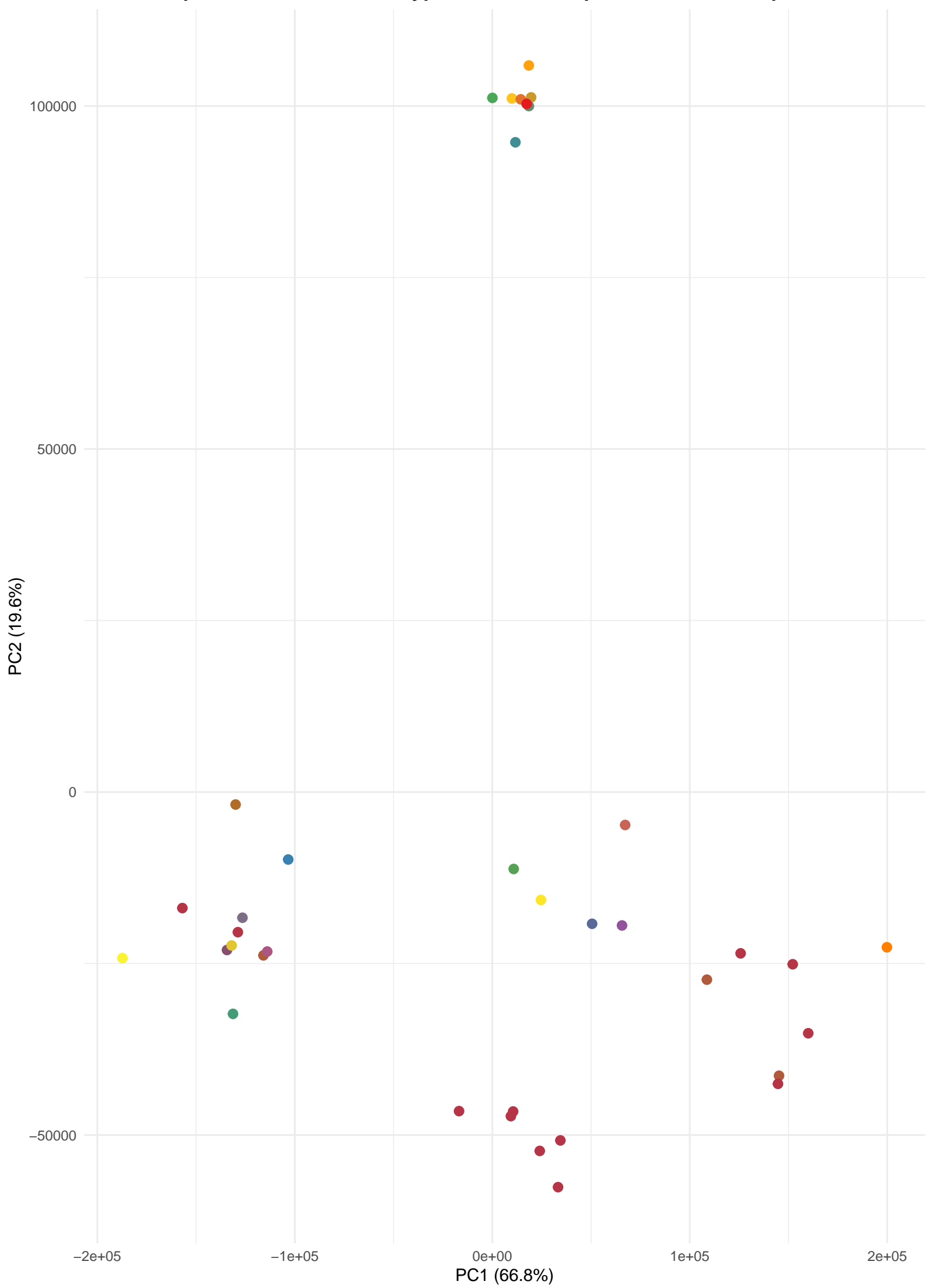
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- Single donor imputed

PCA por harmonized donor type automated experiments ChIP.Seq H3K4me3

harmonized donor type automated experiments ChIP.Seq H3K4me3

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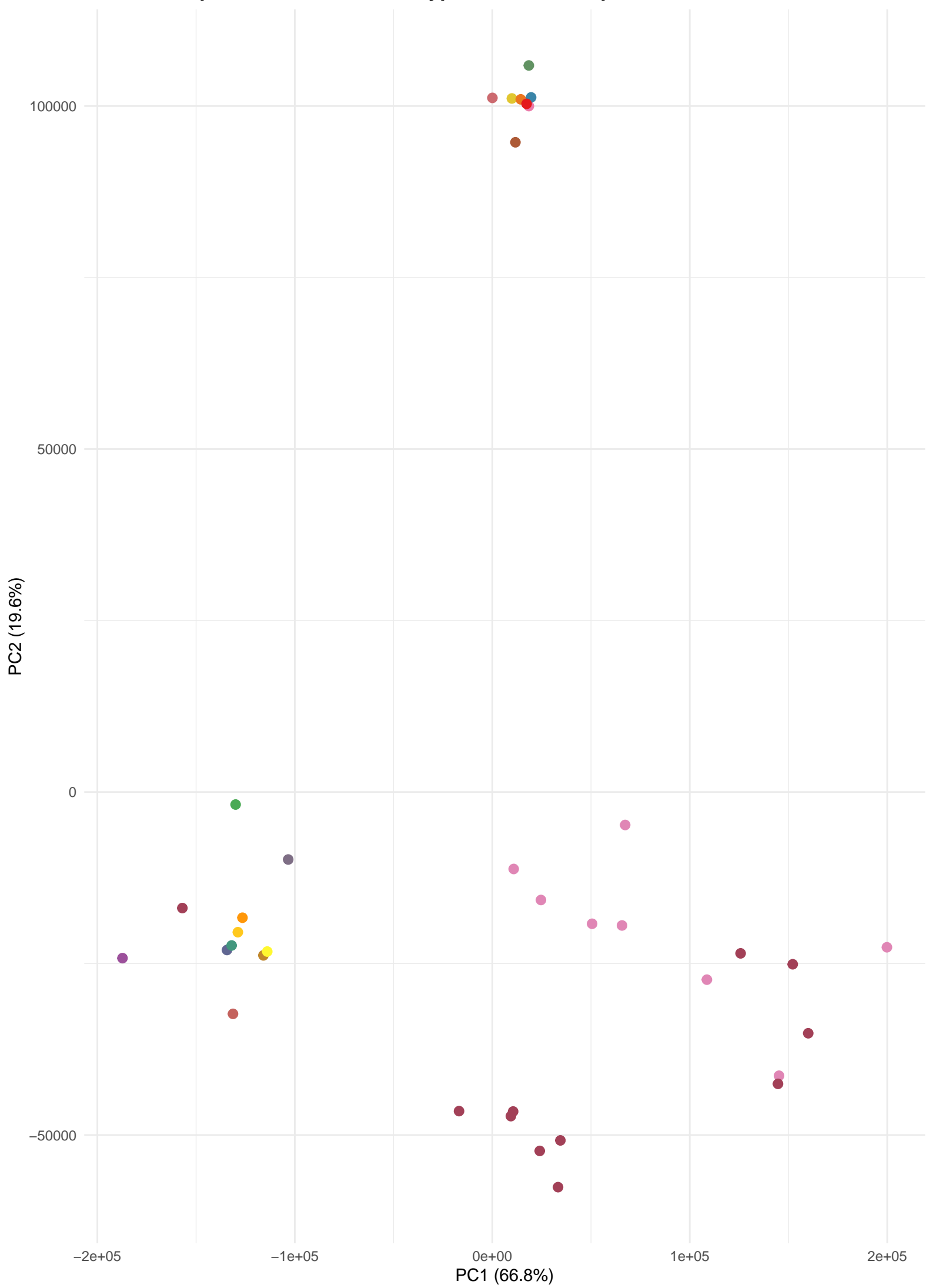
PCA por harmonized donor type automated experiments ChIP.Seq H3K9me3



harmonized donor type automated experiments ChIP.Seq H3K9me3

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| ● Single donor | ● Single donor 6615446a-840c-42f3-8de3-7683d60a1480 | ● Single donor a62efed1-28b1-4005-b980-2a01726331e7 |
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| ● Single donor 1d49e429-7d54-40c1-a965-968c057abf12 | ● Single donor 859b49cb-ac61-48c4-a1ad-a49ca139de17 | ● Single donor b5d4a5b3-a118-48b7-a386-2e56f2330a88 |
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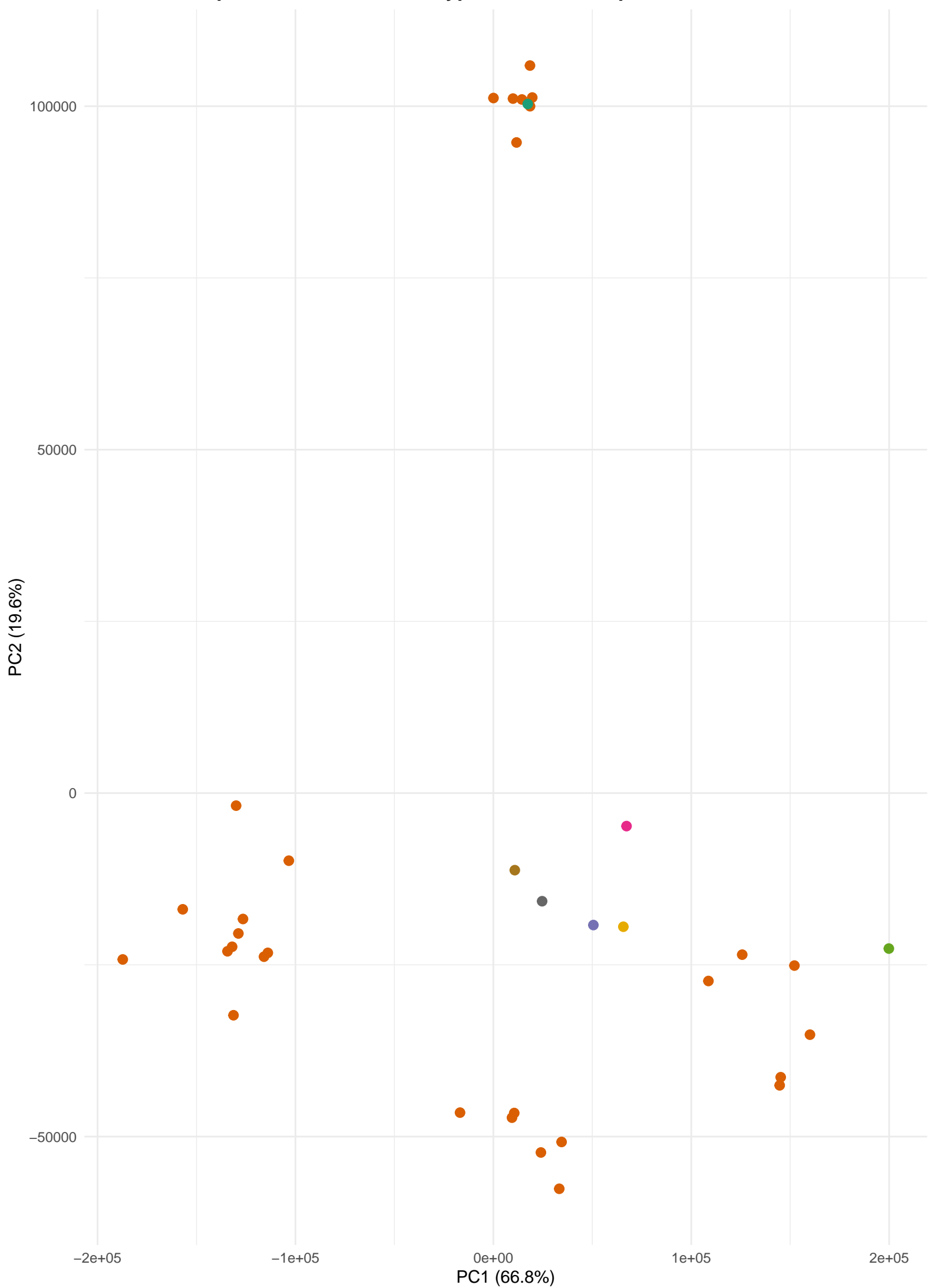
PCA por harmonized donor type automated experiments WGBS standard



harmonized donor type automated experiments WGBS standard

- Composite 8e67dc03-9ec7-44ad-b29e-5f8ae6fd6378
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- Single donor imputed

PCA por harmonized donor type automated experiments WGBS PBAT



harmonized donor type automated experiments WGBS PBAT

Composite

Single donor

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Single donor 69900762-439d-4985-8f18-99e8343e0a36

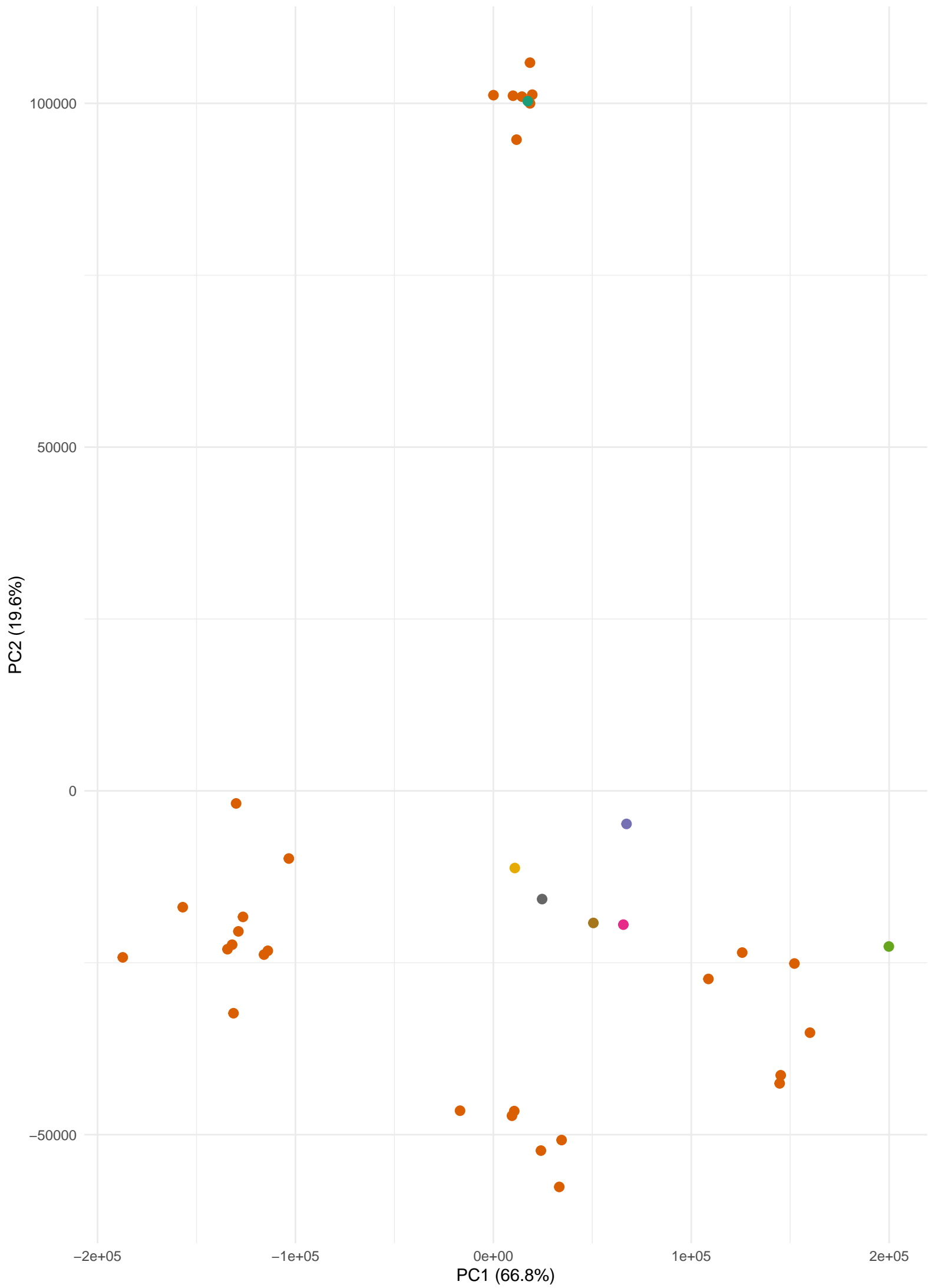
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Single donor c3c448a4-34ed-4a9a-b6a0-cd956b489c71

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PCA por harmonized donor type automated experiments RNA.Seq mRNA.Seq



harmonized donor type automated experiments RNA.Seq mRNA.Seq

- Composite
- Single donor
- Single donor 42711739-180f-473c-8ff7-14a795560fcd
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- Single donor a7c5b6e6-b037-436d-8a86-14cf9b7471c1
- Single donor c56a86f7-91a0-4989-a8ca-04a3ac0b0bbe
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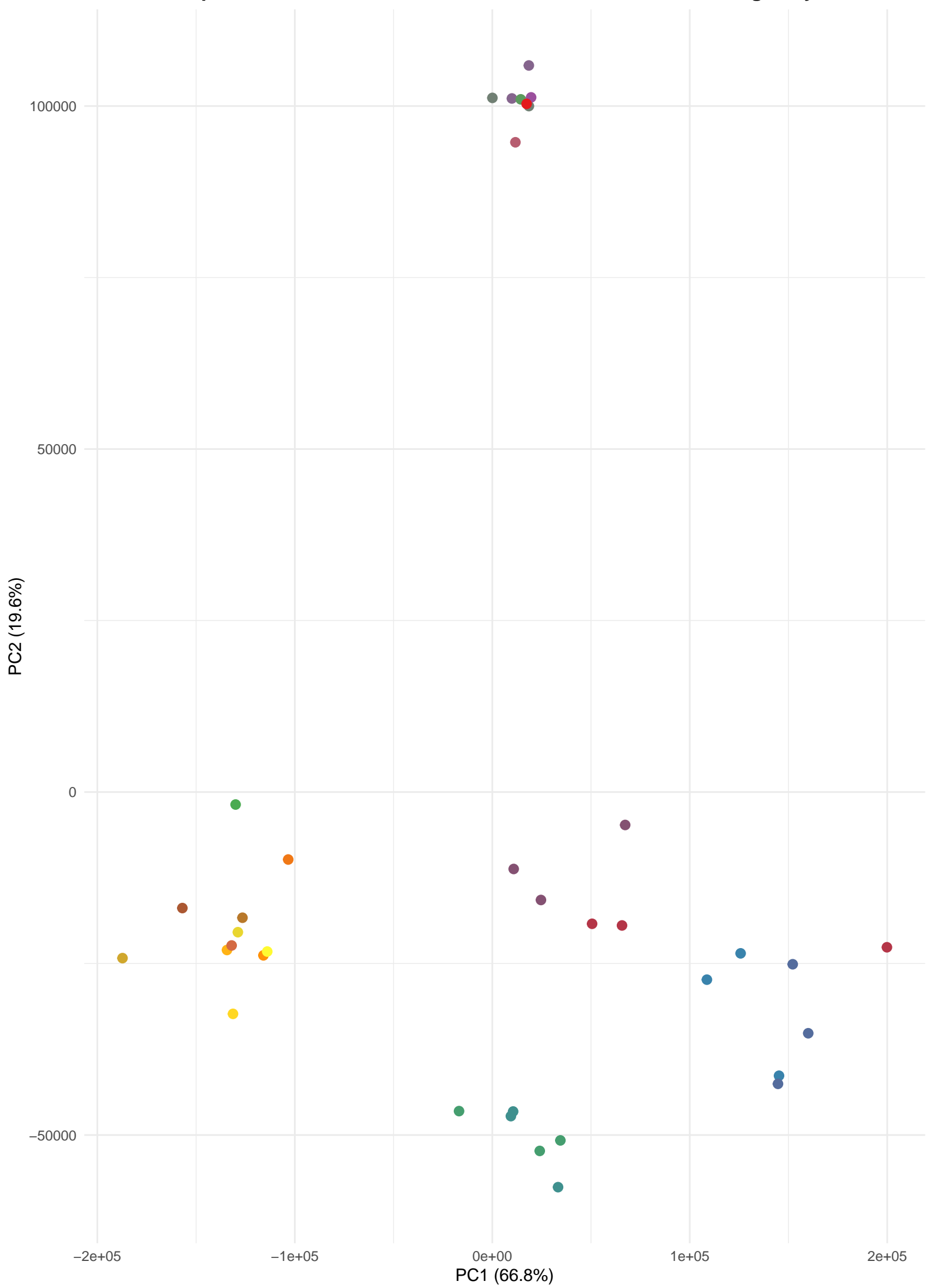
PCA por harmonized donor id harmonized donor age

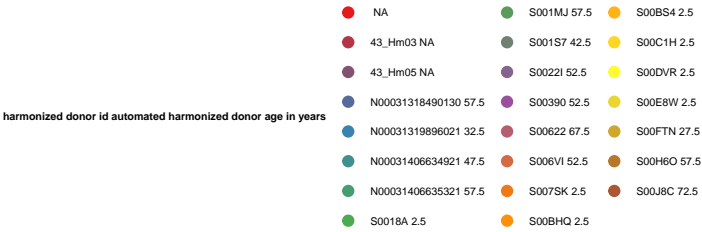


PCA por harmonized donor id harmonized donor age unit

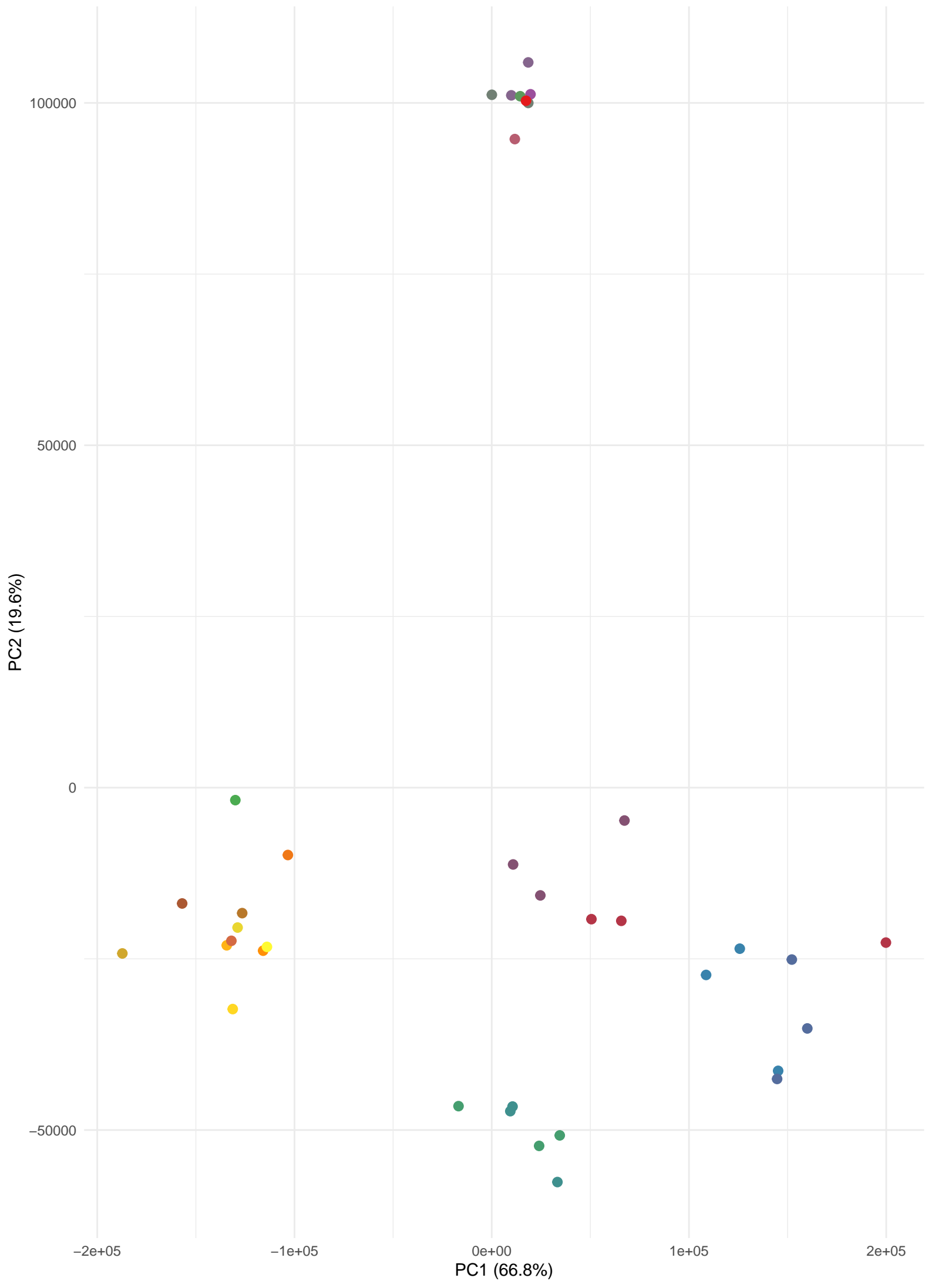


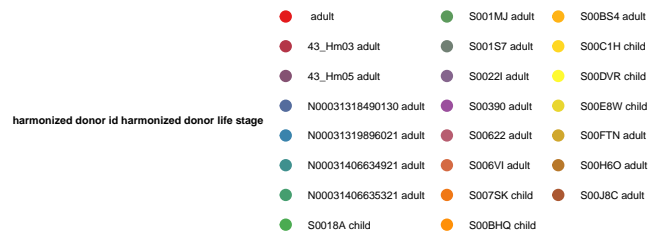
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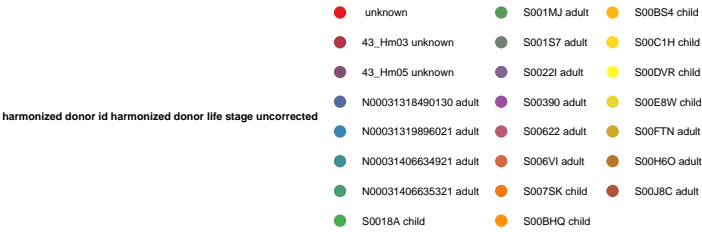


PCA por harmonized donor id harmonized donor life stage

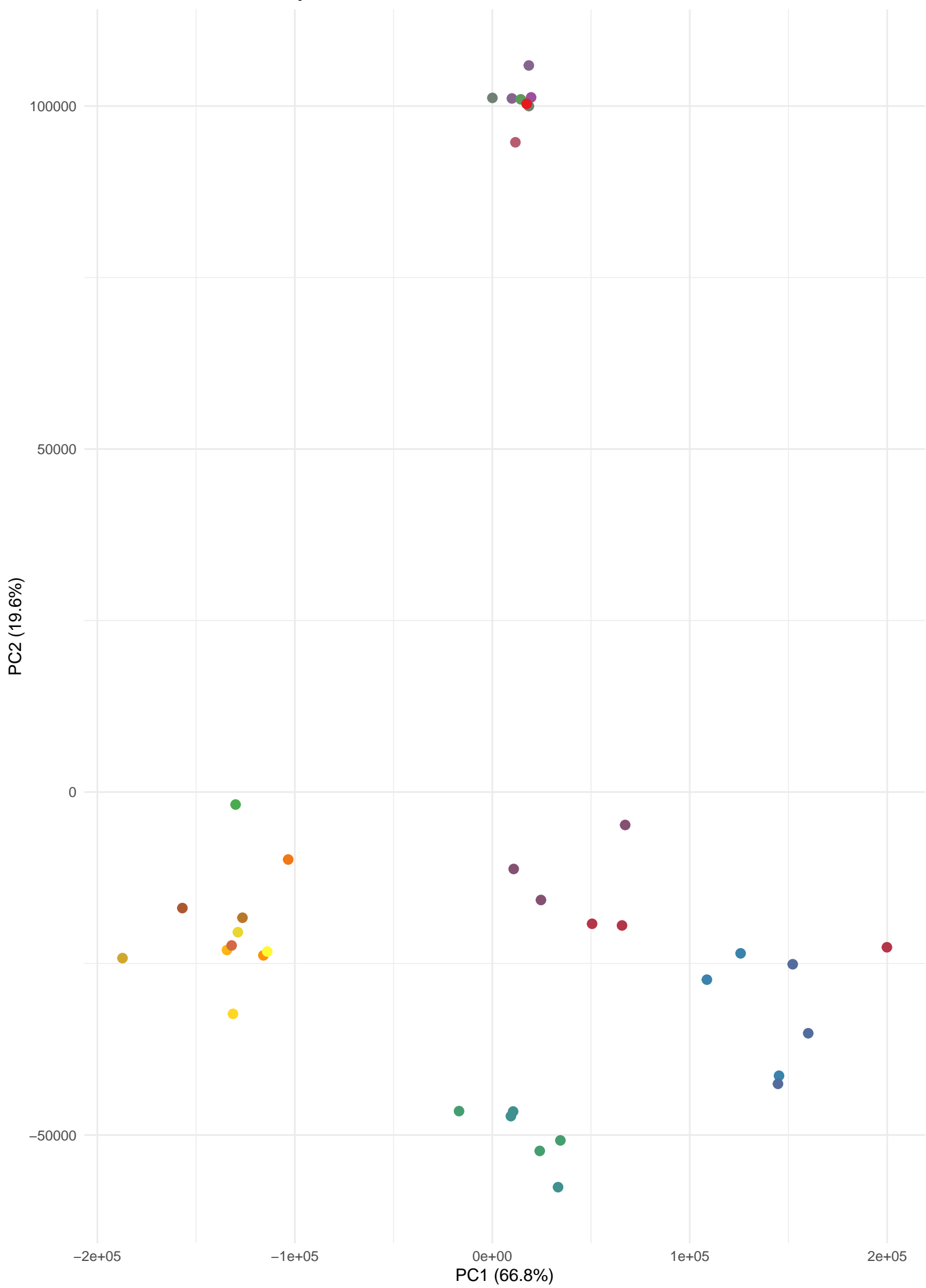




PCA por harmonized donor id harmonized donor life stage uncorrected



PCA por harmonized donor id harmonized donor sex

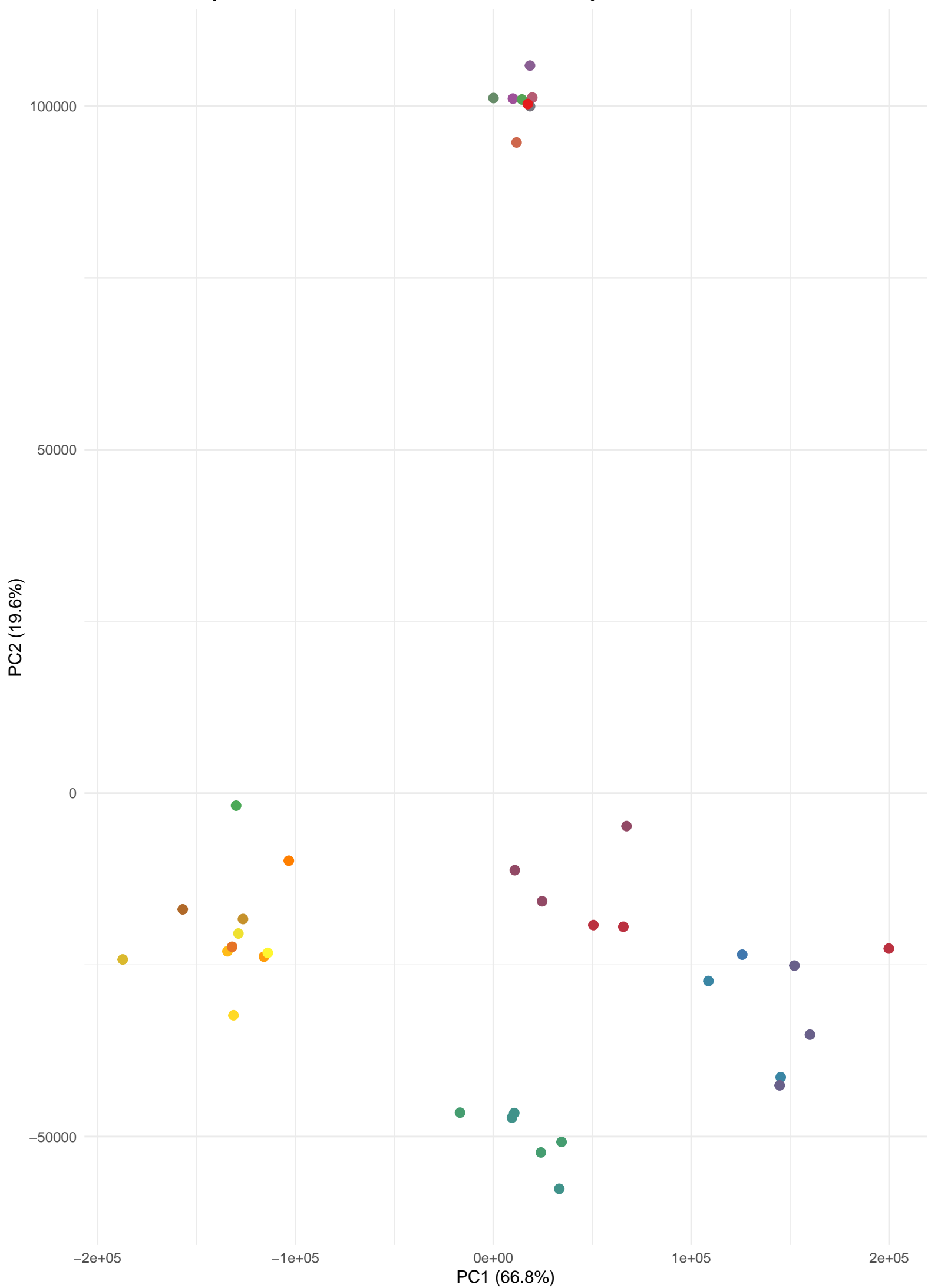




PCA por harmonized donor id harmonized donor sex uncorrected



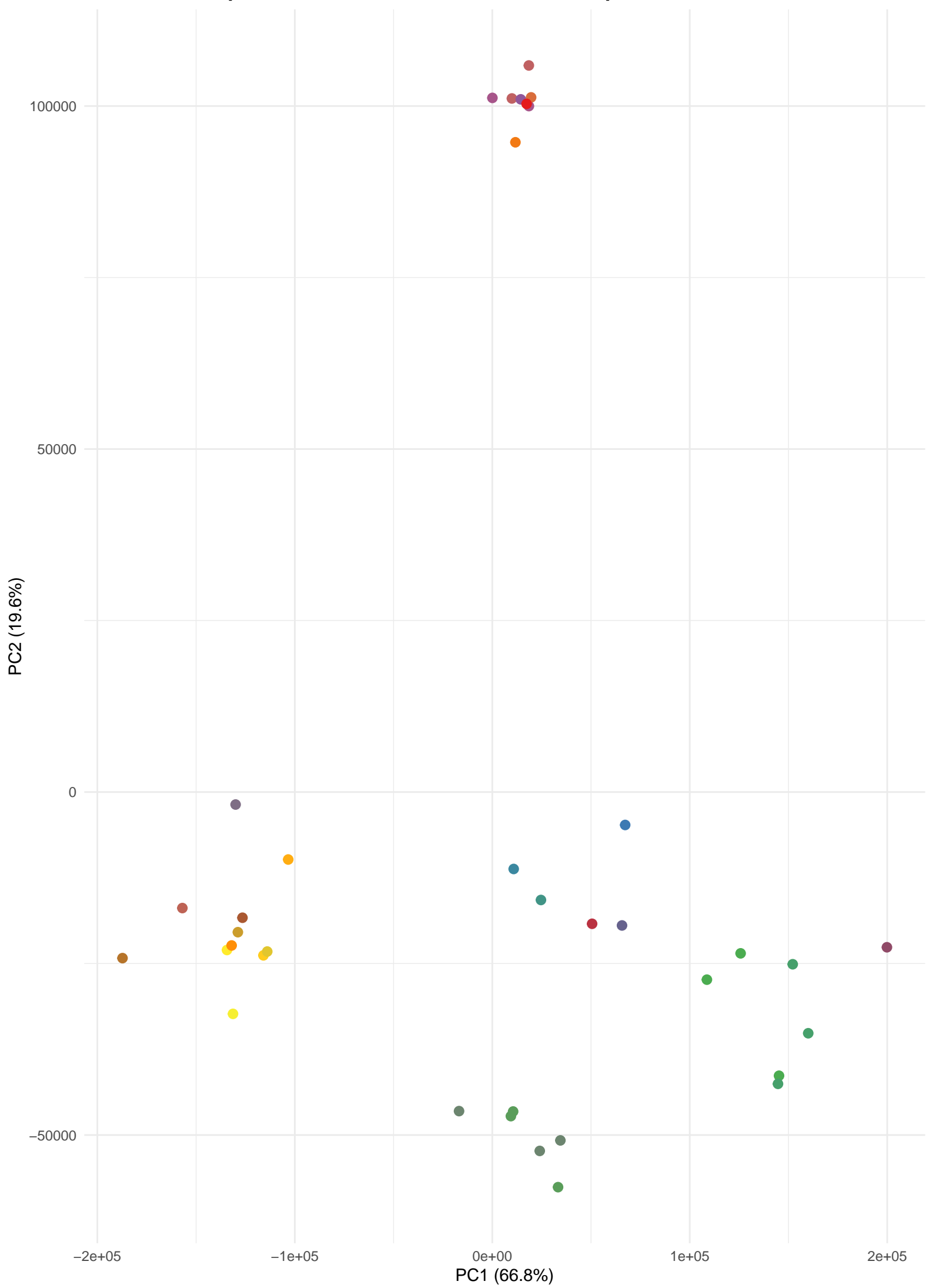
PCA por harmonized donor id automated experiments WGBS standard



harmonized donor id automated experiments WGBS standard

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PCA por harmonized donor id automated experiments WGBS PBAT

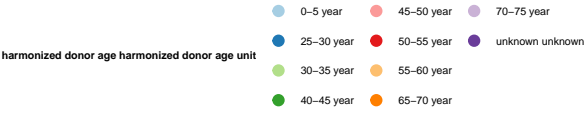


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S0018A	S0018A	S0018A	S0018A
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S0022I	S0022I	S0022I	S0022I
S00390	S00390	S00390	S00390
S00622	S00622	S00622	S00622
S006VI	S006VI	S006VI	S006VI
S007SK	S007SK	S007SK	S007SK
S00BHQ	S00BHQ	S00BHQ	S00BHQ
S00BS4	S00BS4	S00BS4	S00BS4
S00C1H	S00C1H	S00C1H	S00C1H
S00DVR	S00DVR	S00DVR	S00DVR
S00EBW	S00EBW	S00EBW	S00EBW
S00FTN	S00FTN	S00FTN	S00FTN
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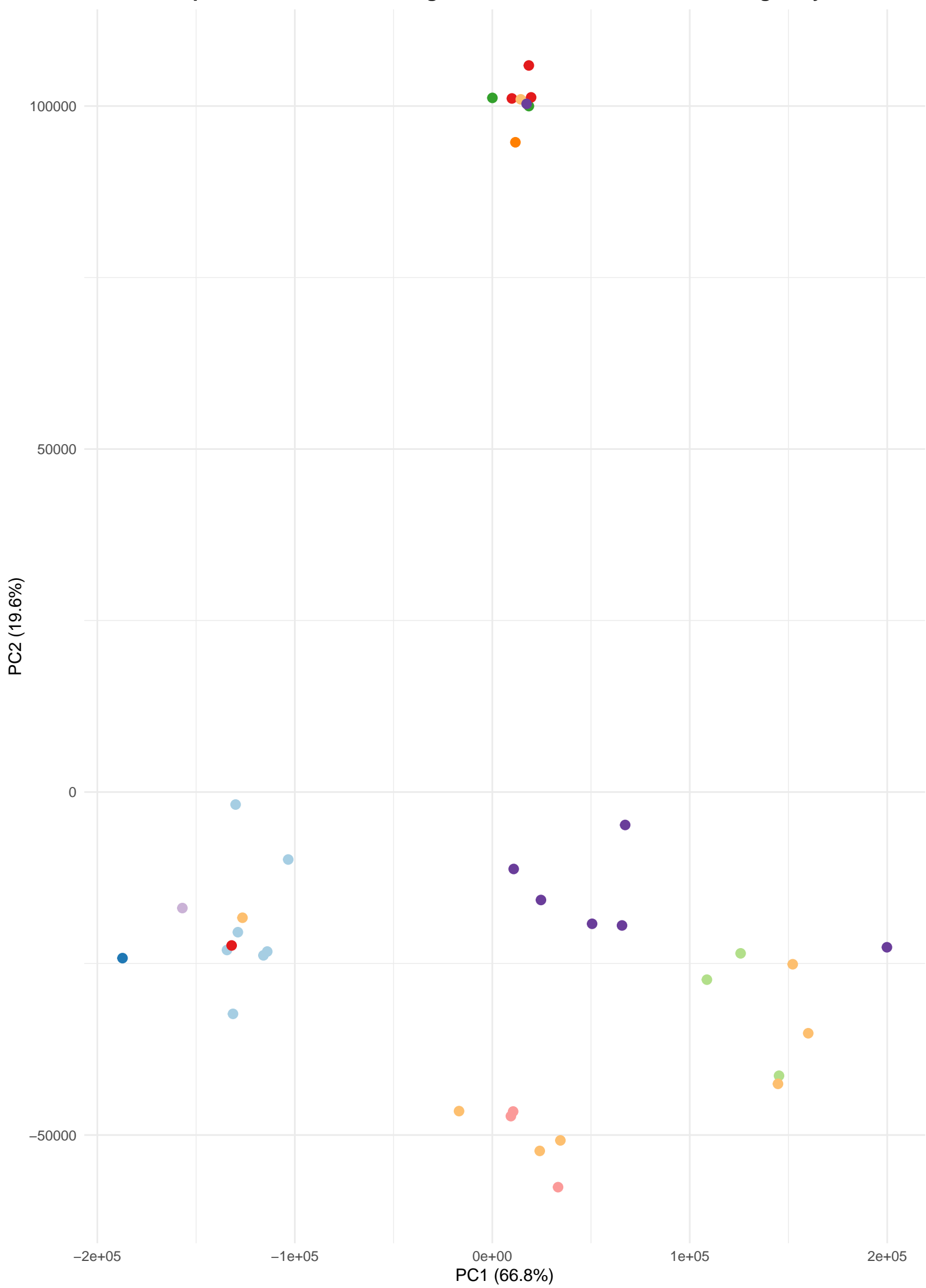
PCA por harmonized donor id automated experiments RNA.Seq mRNA.Seq

donor id	automated experiments	RNA.Seq	mRNA.Seq
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43_Hm05	c56a8ff7-91a0-4989-a8ca-04a3ac0b0bbe		
43_Hm05	d4a24721-dc66-4056-a9eb-693beae9b598		
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N000313189	96021		
N000314066	34921		
N000314066	35321		
S0018A			
S001MJ			
S001S7			
S0022I			
S00390			
S00622			
S006VI			
S0075K			
S00BHQ			
S00B54			
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S00H6O			
S00J86			

PCA por harmonized donor age harmonized donor age unit

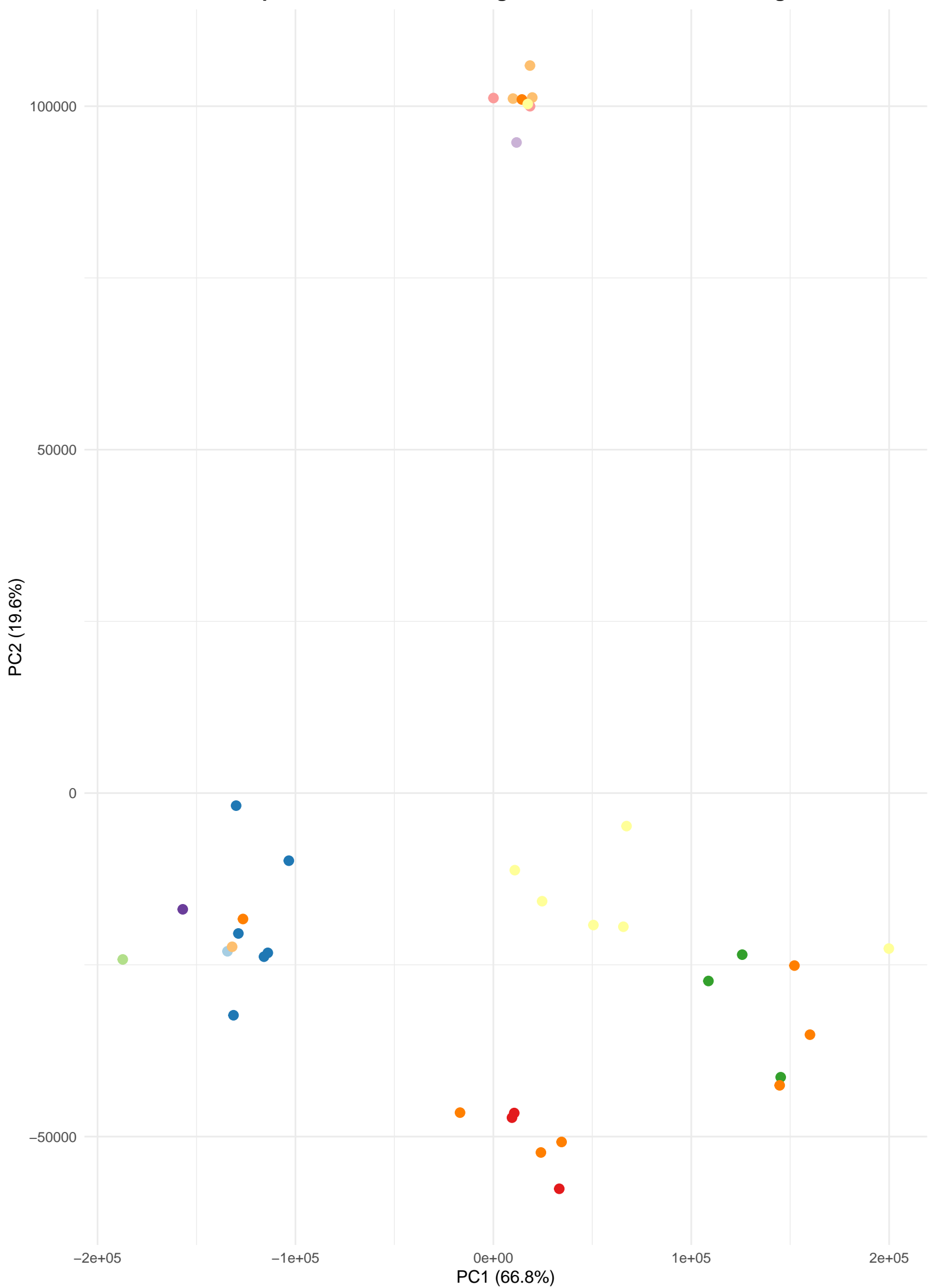


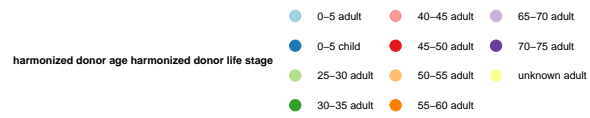
PCA por harmonized donor age automated harmonized donor age in years



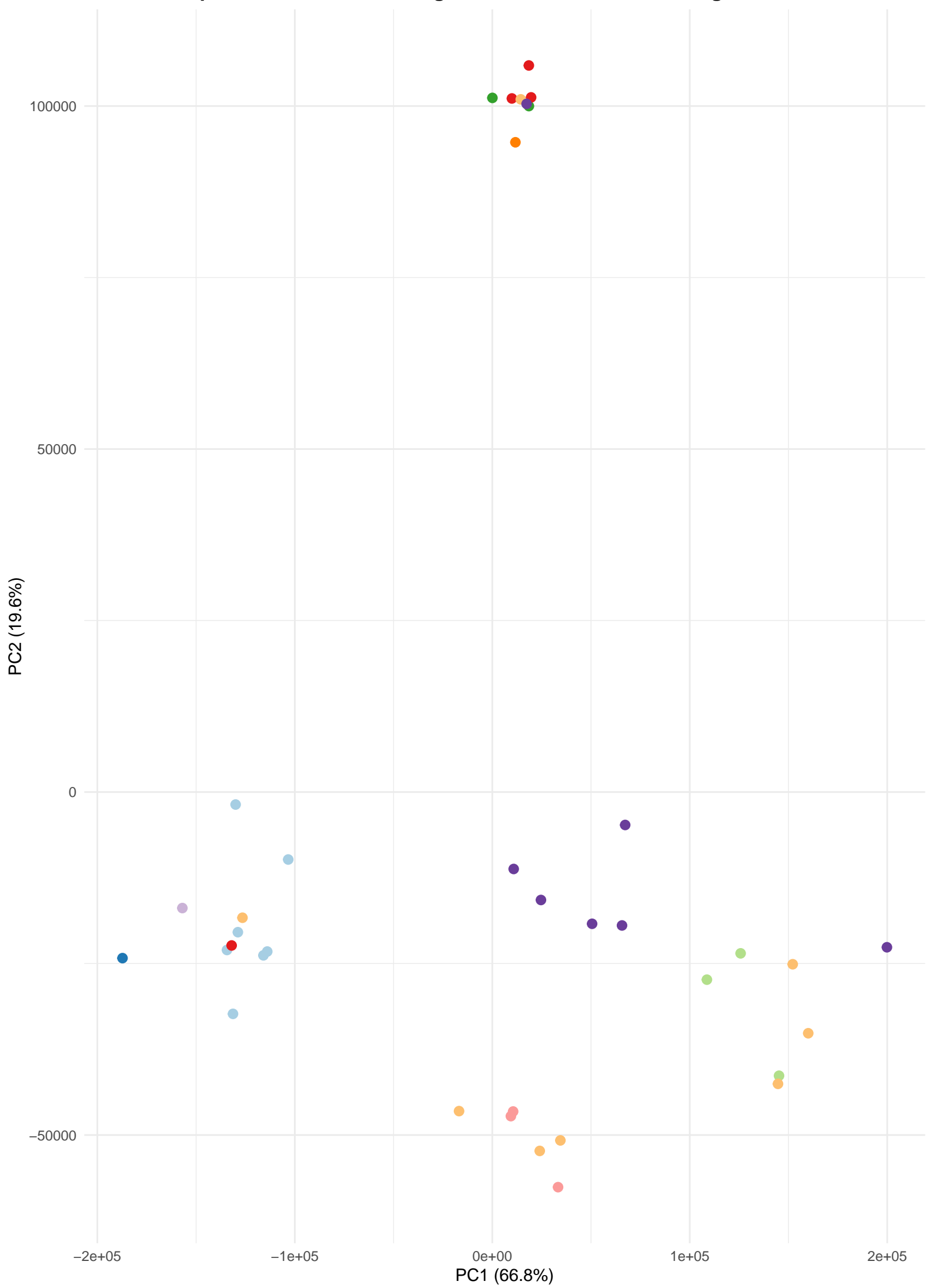


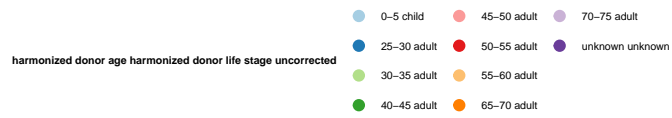
PCA por harmonized donor age harmonized donor life stage



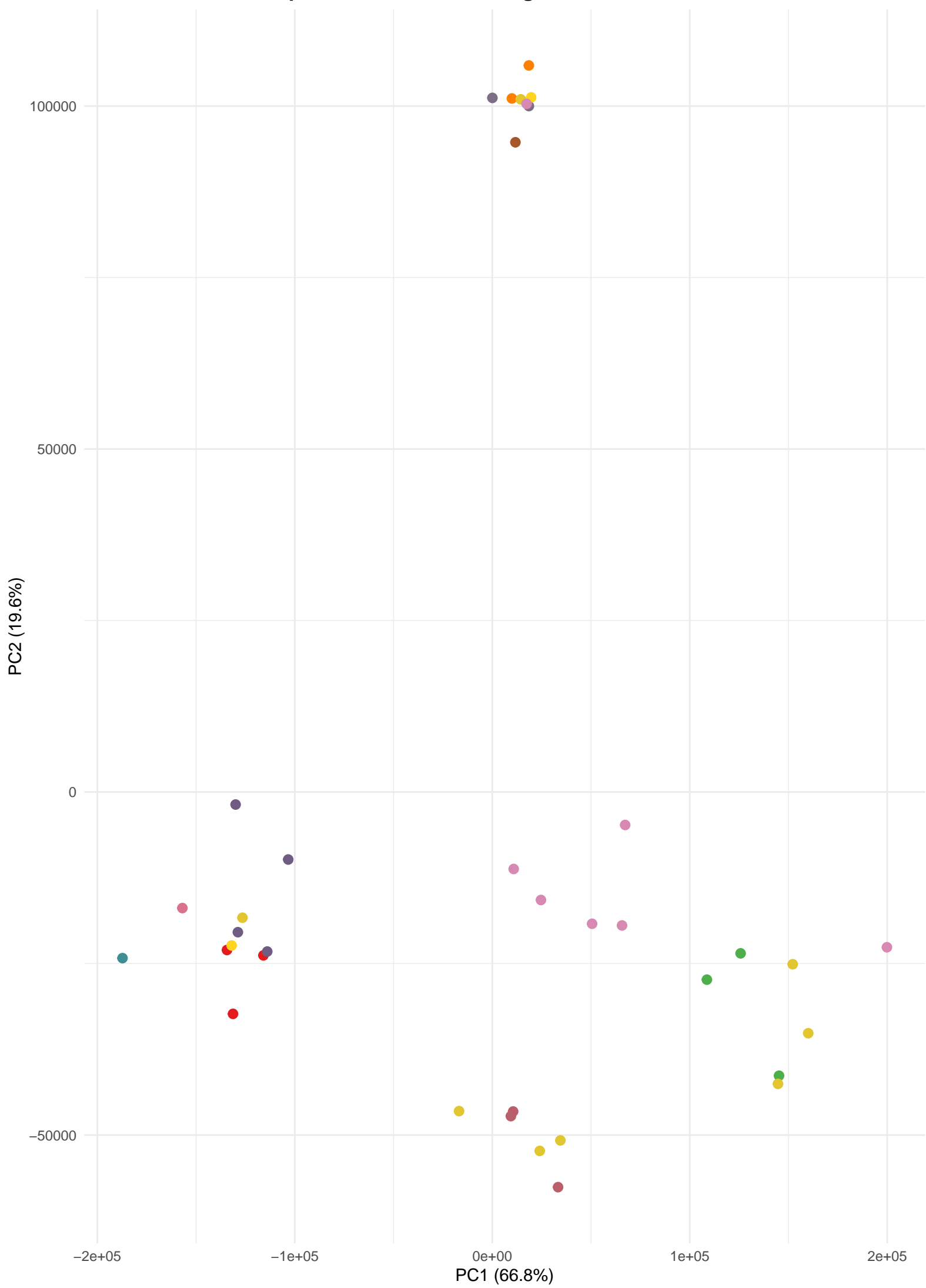


PCA por harmonized donor age harmonized donor life stage uncorrected



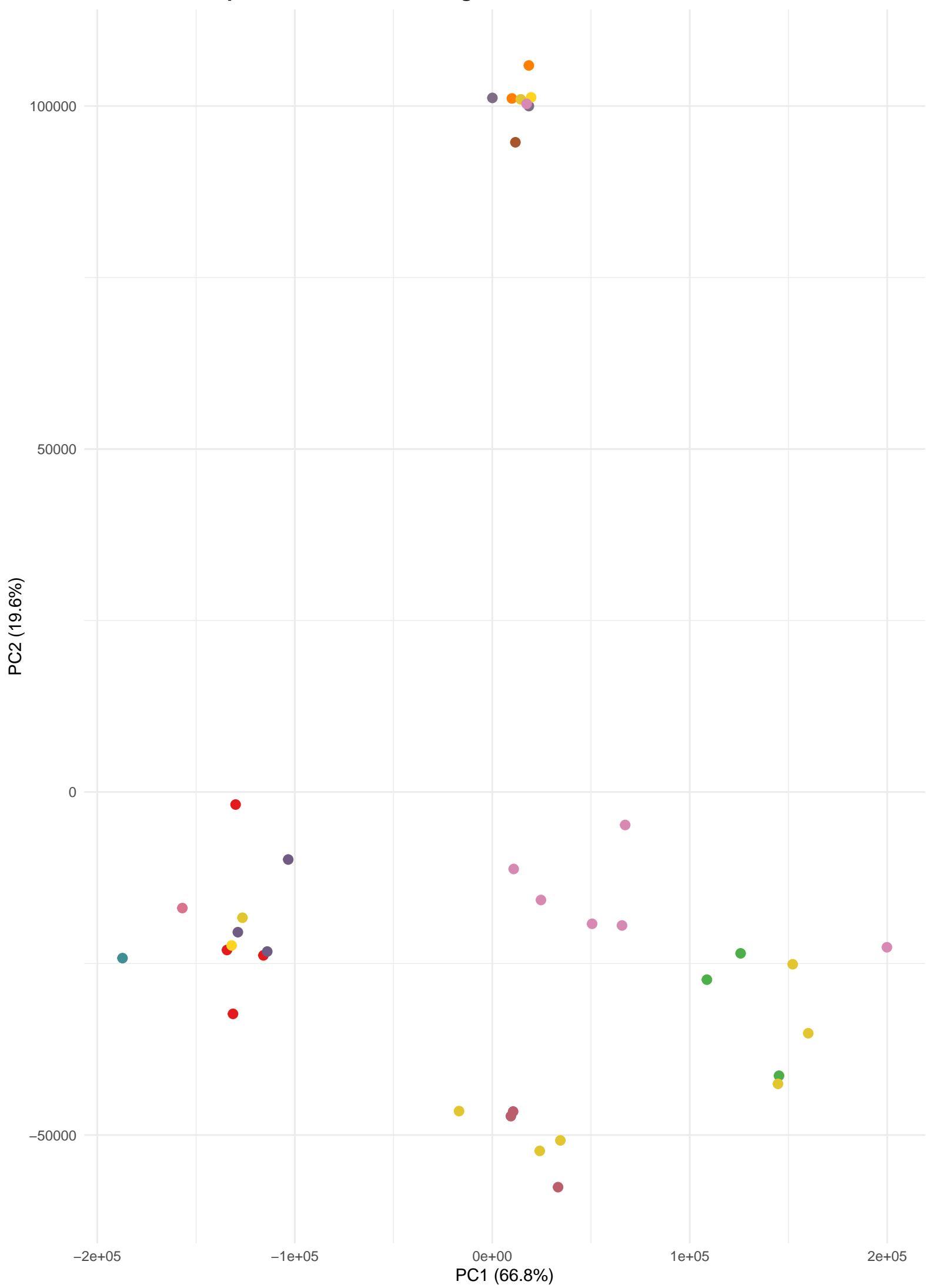


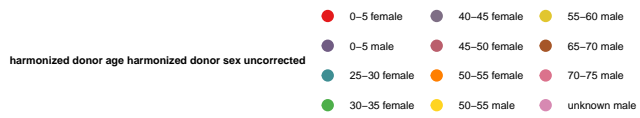
PCA por harmonized donor age harmonized donor sex



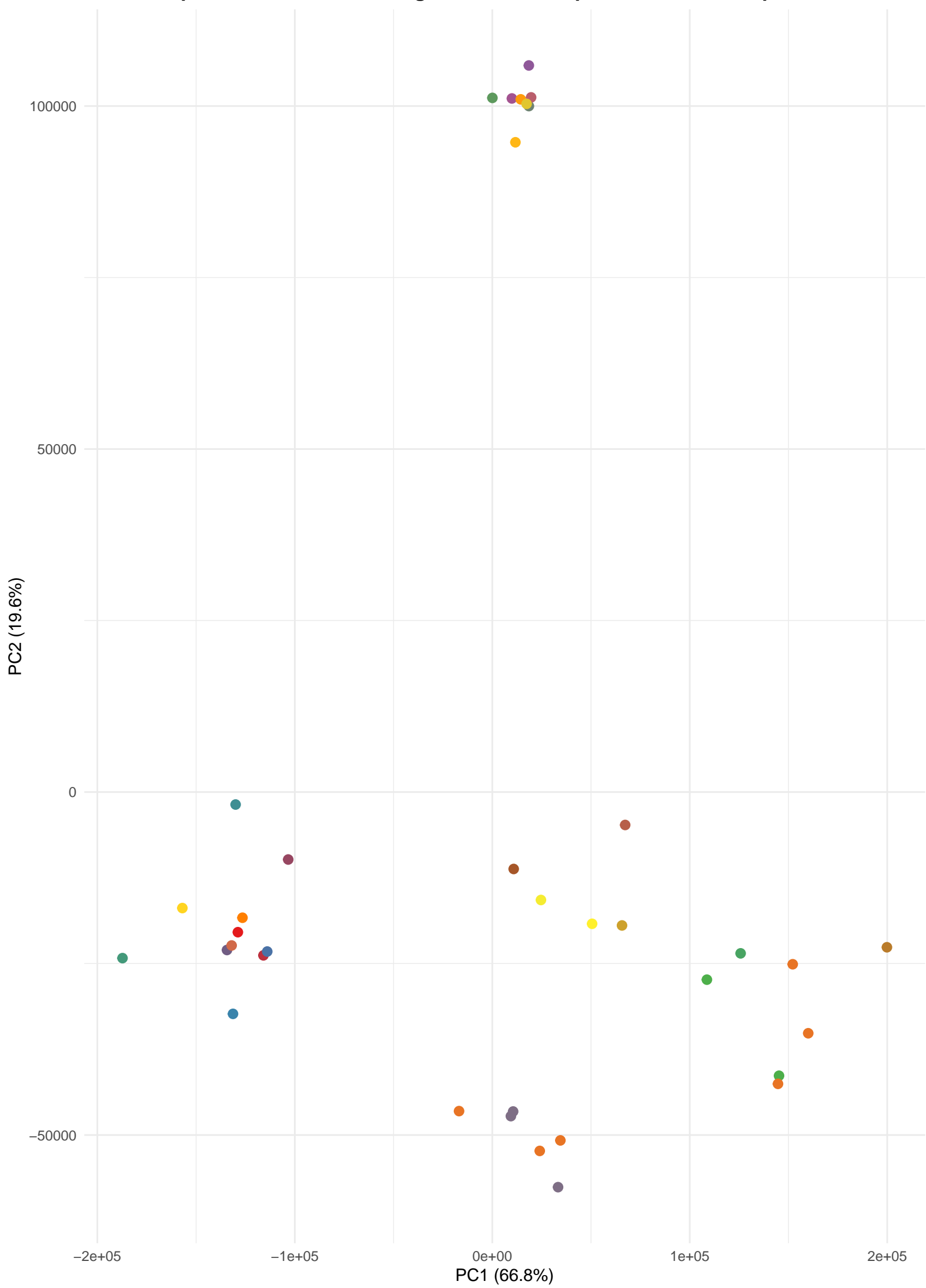


PCA por harmonized donor age harmonized donor sex uncorrected





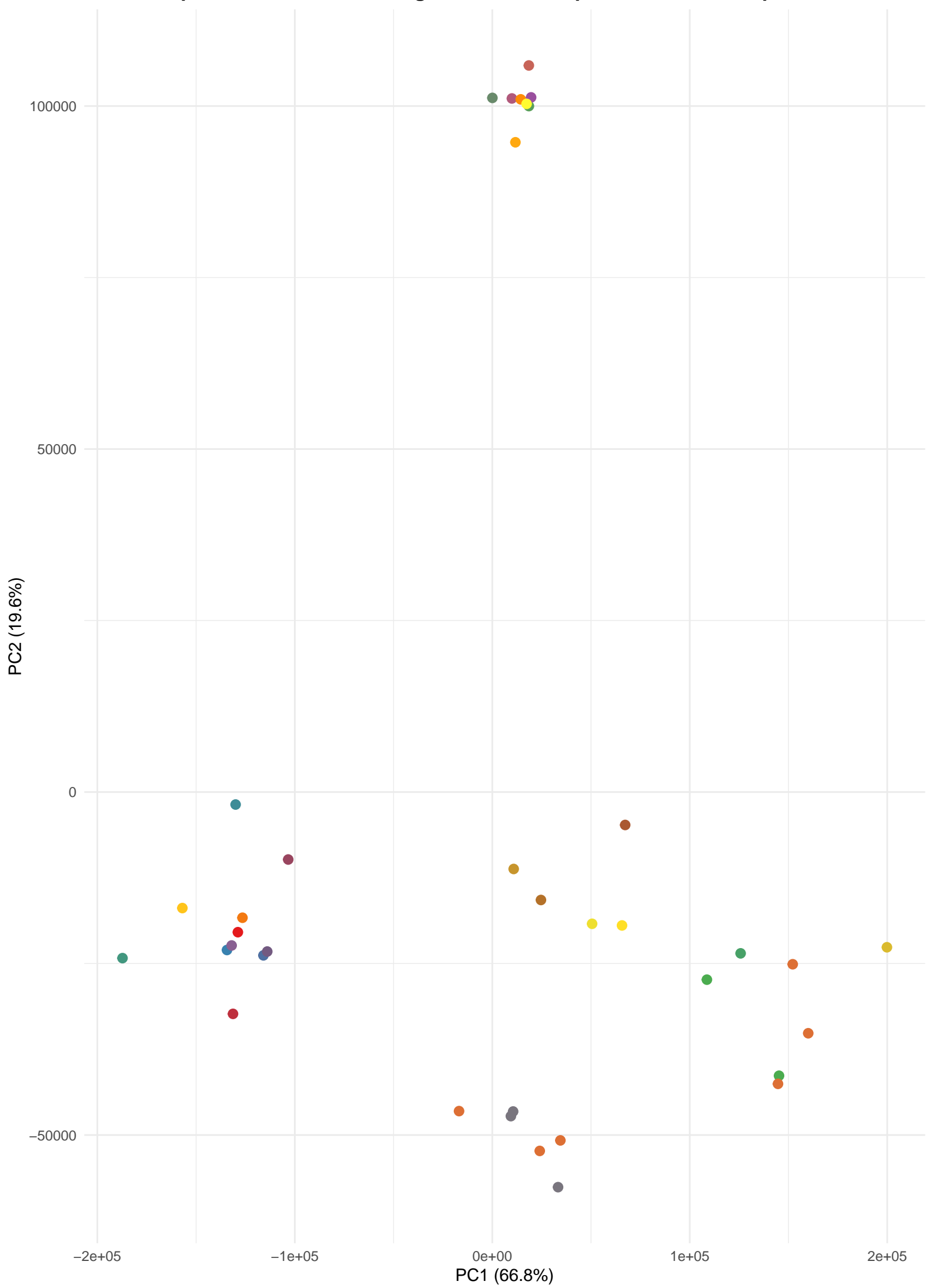
PCA por harmonized donor age automated experiments ChIP.Seq H3K27me3



harmonized donor age automated experiments ChIP.Seq H3K27me3

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0-5 4a5cdc14-4daf-4d77-9a82-2b790575203a	40-45 d70df12a-56c6-409a-9efd-6ac48fef39f8	70-75
0-5 5458814b-5fa1-4409-81d6-3110fe5029f7	45-50	unknown 0acd5931-0b73-476b-8e24-3d3f33e51c4f
0-5 7b485c8e-2ba6-4ba4-bb0c-5db4ffb286e5	50-55 83b0b921-e0bc-4aa4-a2f0-7efee9bf544b	unknown 165f7781-9b32-4127-9b7e-a3c22e1d8bc5
0-5 87d6d4cc-d709-448c-855d-51ab38c2c5f0	50-55 b023ec65-be95-4de5-9819-d9f875a6d3d4	unknown 2619468f-904f-46bd-8da3-9c85fdeceff5
0-5 c103ff2c-a6eb-4f1b-a426-7944eb0db1a5	50-55 f83f1262-12e2-4b8d-b11c-8637f8303ed6	unknown 416699f9-7423-4550-be49-8f02faa2b0d5
0-5 imputed	50-55 fd09db81-b70e-42c7-a7a4-5b21da281b0c	unknown 53d89d9f-5949-4fc0-a0f7-bbac9f0fe51
25-30 c8466bde-130e-4c84-b299-b3eb4c8abdc7	55-60	unknown 73056630-65cd-44da-94ab-6886ae9d01cc
30-35	55-60 10501a10-327b-4601-8d8d-0d0bc776bb15	unknown b966e498-d9a0-444f-86dc-2c73303063dc
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PCA por harmonized donor age automated experiments ChIP.Seq H3K36me3



harmonized donor age automated experiments ChIP.Seq H3K36me3

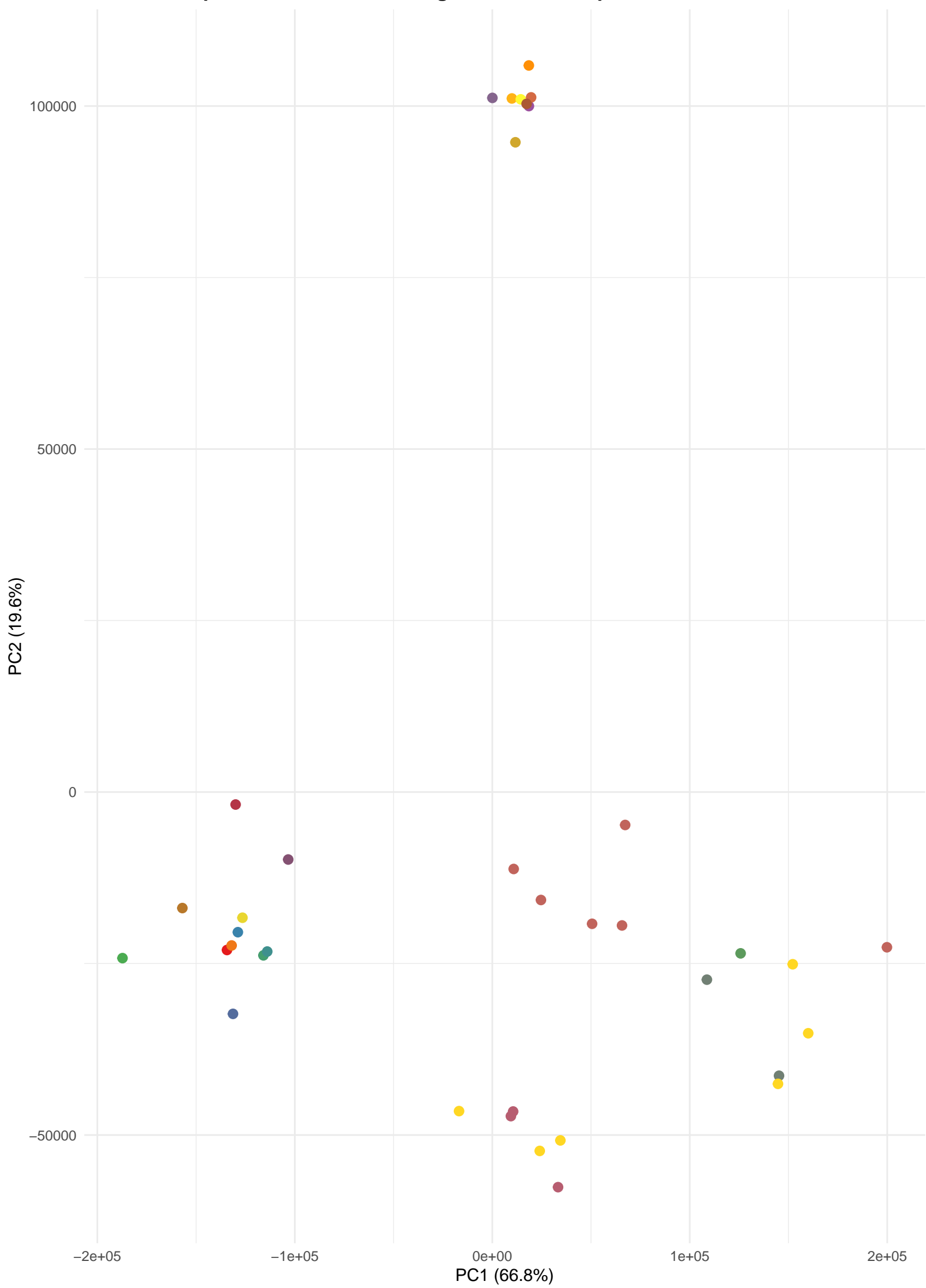
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| 0-5 | 40-45 05fcdabc-d11f-4f6c-af26-2868c8125e10 | 65-70 10d36a04-e044-4c40-9b45-3ef18c963298 |
| 0-5 510139c3-77ab-4865-bfd1-41696f4f603b | 40-45 8d5b3081-225e-438e-b618-c17adc495516 | 70-75 |
| 0-5 78afa2e5-5711-4b0e-8724-55134969481b | 45-50 | unknown 03a5399b-8198-4c5d-9733-643e52230ded |
| 0-5 baf1b6b5-96f6-42d1-907a-07181459fd3c | 50-55 0efb30a1-ec4a-41e3-8cd9-c8f03f347482 | unknown 1c0d18ed-c4d2-41ac-9e17-5a303f7f990f |
| 0-5 e9ec476a-ba27-4442-9d25-8e1fc0abb738 | 50-55 248d0803-44a8-4240-ab7f-e2ff74839d74 | unknown 214d1f33-bcb6-4ac8-b4dd-0158df3742ae |
| 0-5 eeae79e0-ee5e-42e1-9f29-f42824b74440 | 50-55 b5663e0a-6a83-45b1-ab56-04d7ac22eee1 | unknown 43a724cd-c3b0-46db-9b56-bc285ebfa0a4 |
| 0-5 f239d3f1-9d11-4bf4-aece-ad23d5390811 | 50-55 fad9bc04-0bdc-4657-b500-fd85f0e8342e | unknown 5334d23f-e014-40d2-bc7a-ac83a243daae |
| 25-30 dfc63e95-4862-4384-a735-dc9483aed805 | 55-60 | unknown 5d44418c-818f-4534-8844-0d0e8e0143a7 |
| 30-35 | 55-60 7ba479df-2d75-4a21-a2dc-30d87eedc37a | unknown 9f5e6354-a818-4c74-a982-f5d683781afe |
| 30-35 imputed | 55-60 b2ccf16a-9055-4734-b0ff-eb0714415e6a | |

PCA por harmonized donor age automated experiments ChIP.Seq H3K9me3

harmonized donor age automated experiments ChIP.Seq H3K9me3

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0-5 153650ef-7ef6-43cd-b5dc-df062deb8afd	40-45 6615446a-840c-42f3-8de3-7683d60a1480	70-75
0-5 1d49e429-7d54-40c1-a965-968c057abf12	45-50	unknown 1726d2d4-326e-4dc2-912a-cee3015ea75f
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0-5 f8b01218-a3f8-48dc-884c-14b62675daca	50-55 b5d4a5b3-a118-48b7-a386-2e56f2330a88	unknown 8f8990bc-bdfc-474d-b52f-20c0591d22d2
0-5 imputed	50-55 b96d5c84-a138-4fe2-8971-713e73270893	unknown 91e9ef78-52b0-44be-b463-2c4d06233b83
25-30 ad8f214b-6bc2-494d-ba70-0c0eed50632c	55-60	unknown 9c54dc88-50cd-4207-80de-15a482501404
30-35	55-60 6d2c1eb1-64cd-4b80-95ec-5404bd3906e9	unknown ab339ba6-8e79-4160-a042-90f773410cae
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PCA por harmonized donor age automated experiments WGBS standard



harmonized donor age automated experiments WGBS standard

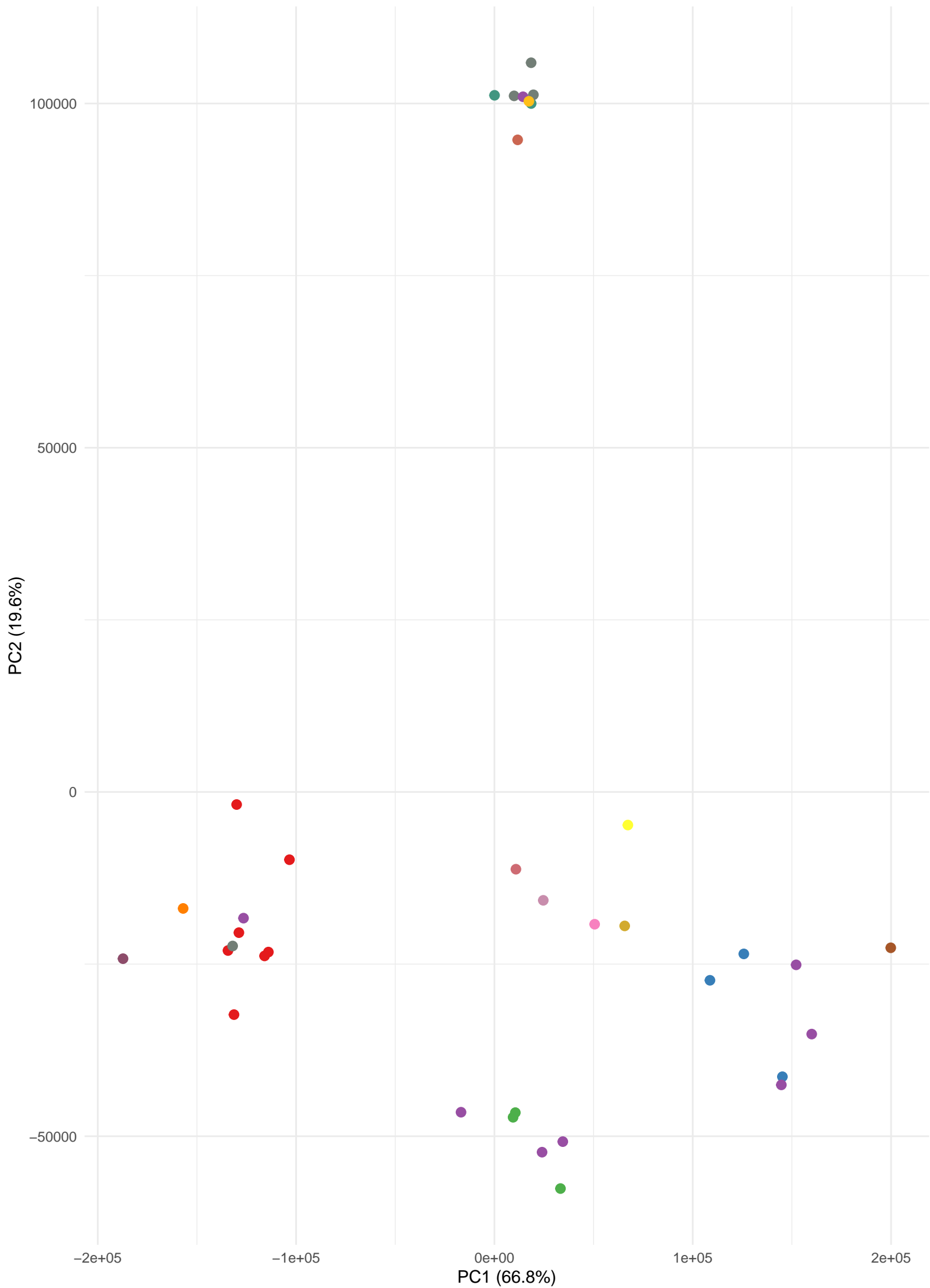
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0-5 42f5ce34-deb7-4ac0-b9e4-302f2814e3a0	30-35 imputed	55-60
0-5 5268e353-f434-412e-8299-ac0cca9ebf82	40-45 fadda90c-701d-4d69-b4ae-9a9af8d0c915	55-60 73f81a47-8c88-47c5-8e6c-3a5578301c24
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0-5 a713bee9-910c-48a7-80c9-37560c997dae	50-55 150f6503-c7ab-44fb-a903-ebf1b17b2625	70-75
0-5 cd60d225-f45f-4d16-98f2-5d3ec24845a6	50-55 182c7e63-941c-448e-9a84-d75fe1647c26	unknown 8e67dc03-9ec7-44ad-b29e-5f8ae6fd6378
25-30 5c4e62a5-7f52-4d66-a91f-b23c7611212e	50-55 4a59e98c-3e26-4804-b7ba-03988d438f13	unknown imputed

PCA por harmonized donor age automated experiments WGBS PBAT

harmonized donor age automated experiments WGBS PBAT

- | | | |
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| 0-5 | 55-60 | unknown 89154913-658e-46d8-be8d-81961eb89c07 |
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| 30-35 | 70-75 | unknown c8e6b7a9-260b-4b8e-ae2c-7b27e75512f2 |
| 40-45 | unknown | unknown 176edb4e-8305-4b55-b0bf-94b537e504c5 |
| 45-50 | unknown 40683367-35f6-4afc-83c3-b9c80ec7f87d | |
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PCA por harmonized donor age automated experiments RNA.Seq mRNA.Seq



harmonized donor age automated experiments RNA.Seq mRNA.Seq

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| 25-30 | 65-70 | unknown c56a86f7-91a0-4989-a8ca-04a3ac0b0bbe |
| 30-35 | 70-75 | unknown d0b7f437-bc21-4f38-bc23-358cf545987c |
| 40-45 | unknown | unknown d4a24721-dc66-4056-a9eb-693beae9b598 |
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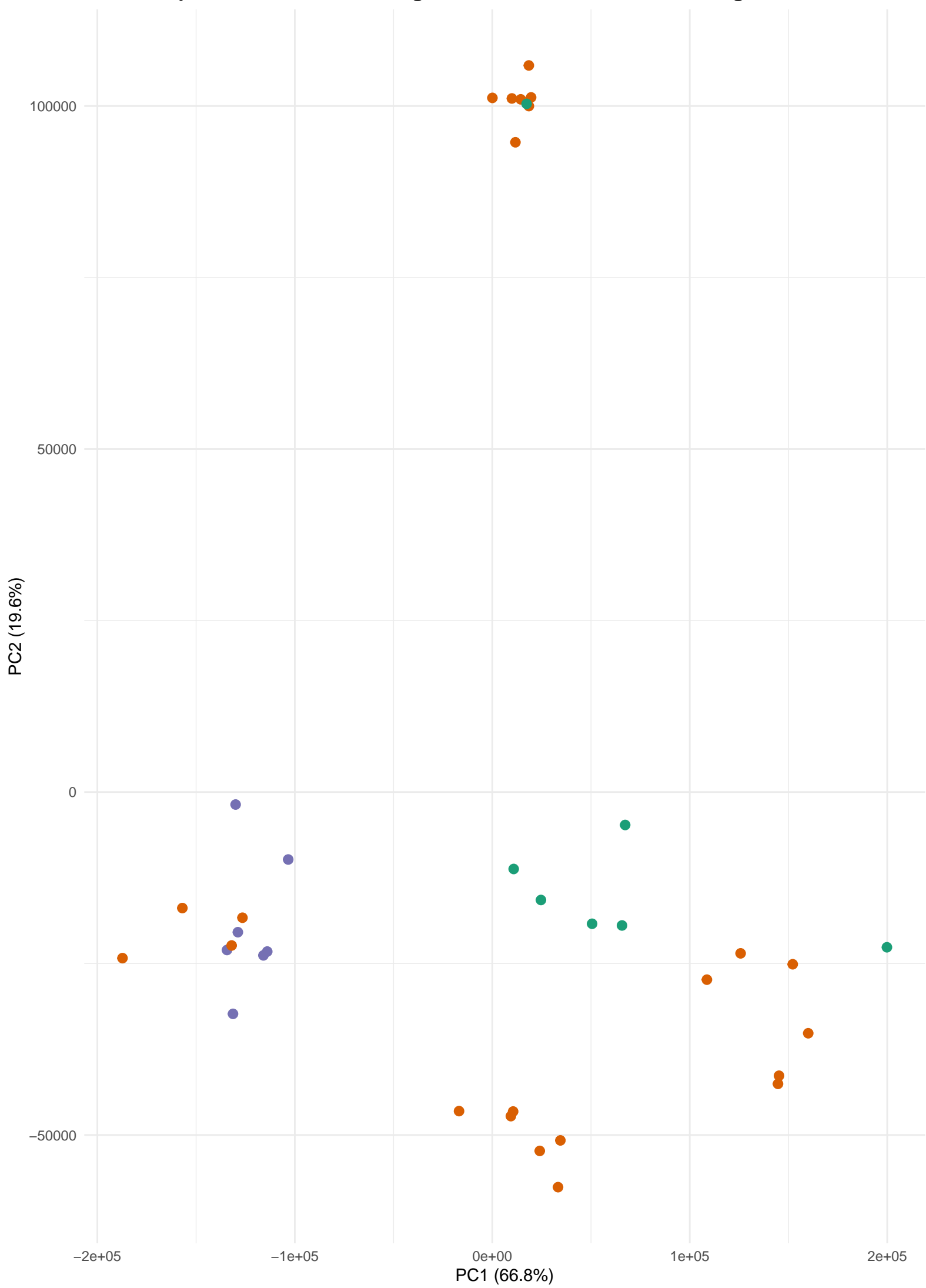
PCA por harmonized donor age unit automated harmonized donor age in years



PCA por harmonized donor age unit harmonized donor life stage

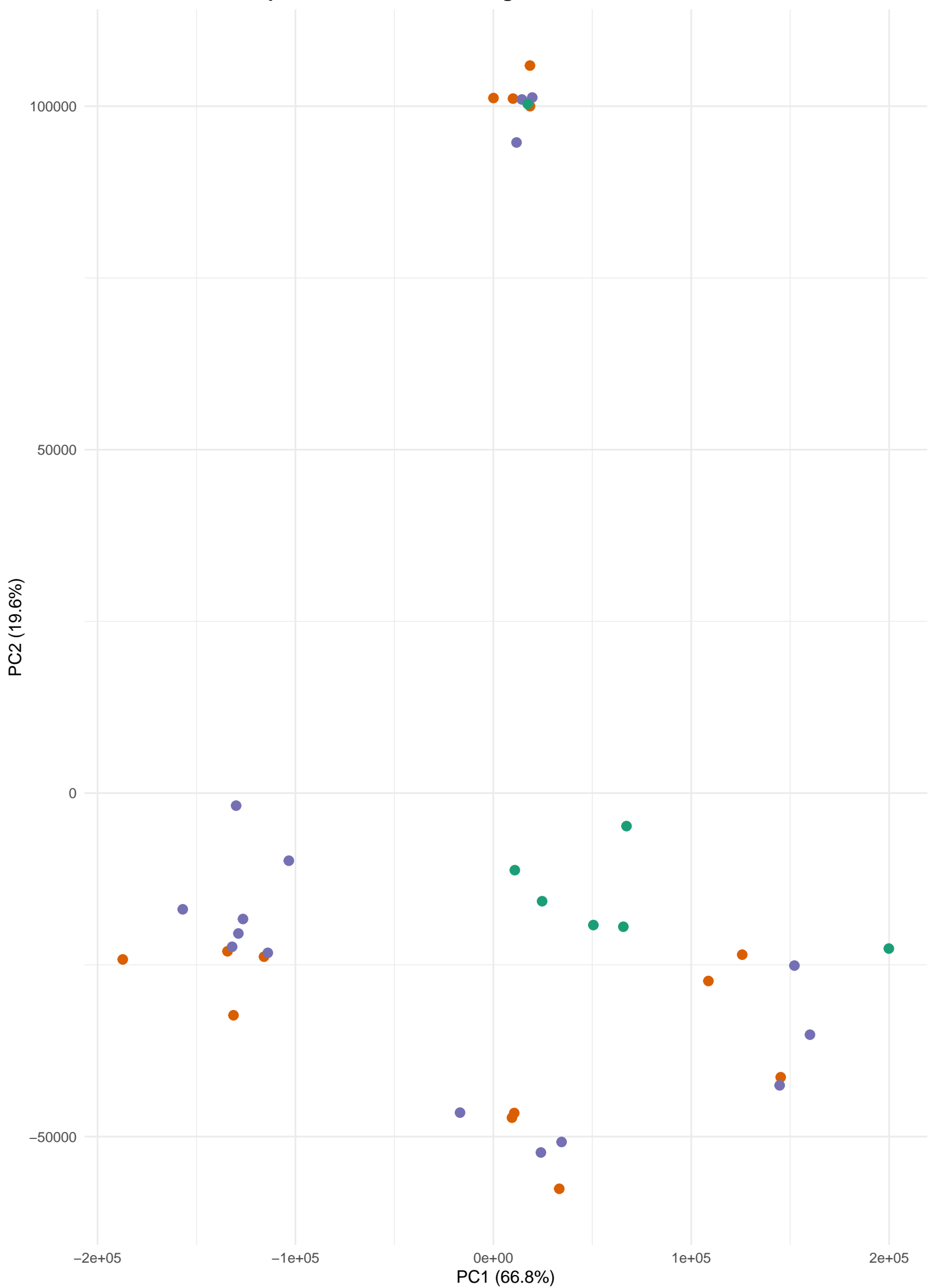
harmonized donor age unit harmonized donor life stage ● unknown adult ● year adult ● year child

PCA por harmonized donor age unit harmonized donor life stage uncorrected



harmonized donor age unit harmonized donor life stage uncorrected ● unknown unknown ● year adult ● year child

PCA por harmonized donor age unit harmonized donor sex



harmonized donor age unit harmonized donor sex ● unknown male ● year female ● year male

PCA por harmonized donor age unit harmonized donor sex uncorrected

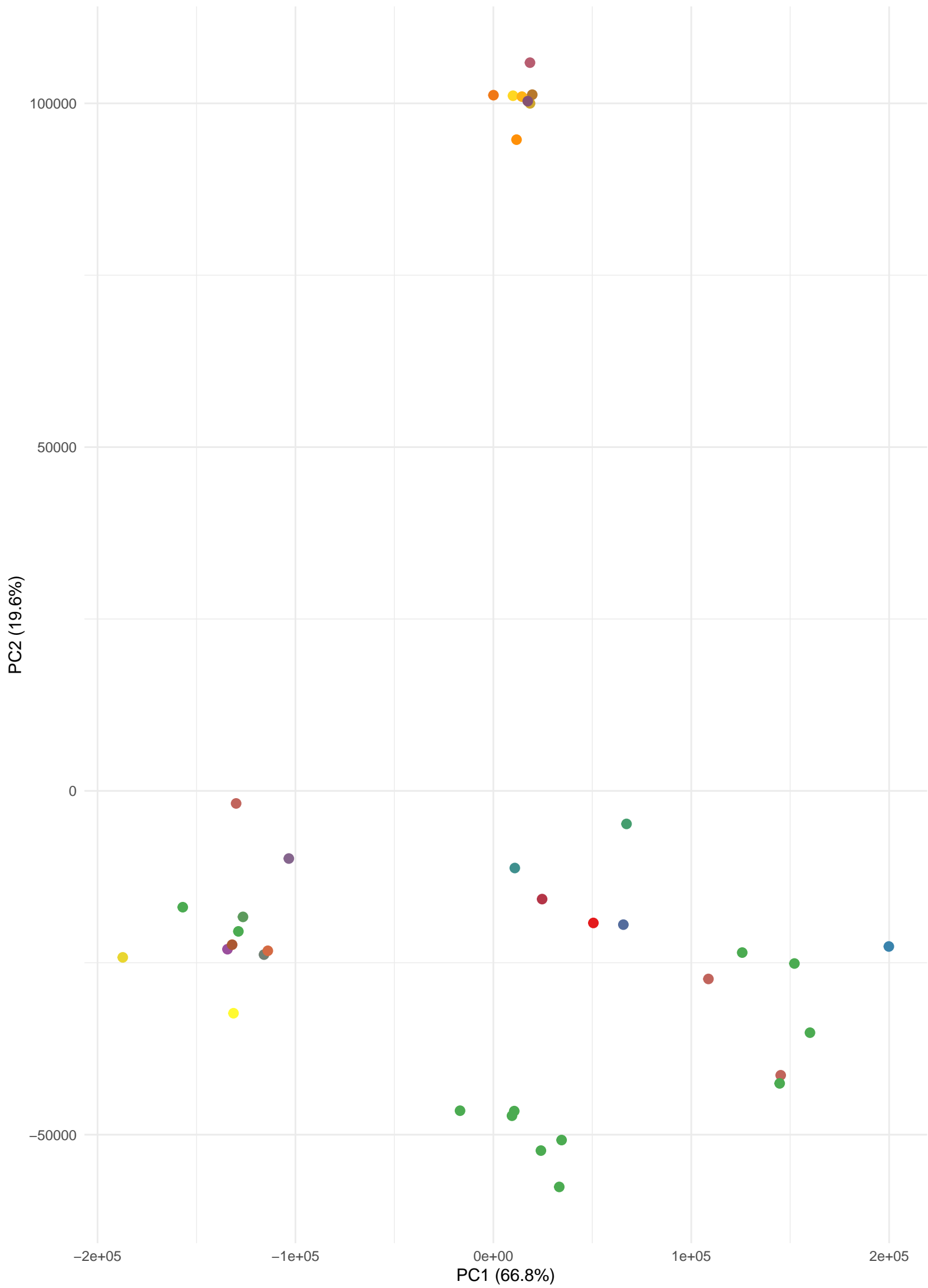
harmonized donor age unit harmonized donor sex uncorrected ● unknown male ● year female ● year male

PCA por harmonized donor age unit automated experiments ChIP.Seq H3K27ac

harmonized donor age unit automated experiments ChIP.Seq H3K27ac

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● year	● year 9cc4804f-5850-46a5-b627-ca441aa97c73	● year fbfd53da-2abb-44c5-8840-6fb61a0caadc
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PCA por harmonized donor age unit automated experiments ChIP.Seq H3K27me3



harmonized donor age unit automated experiments ChIP.Seq H3K27me3

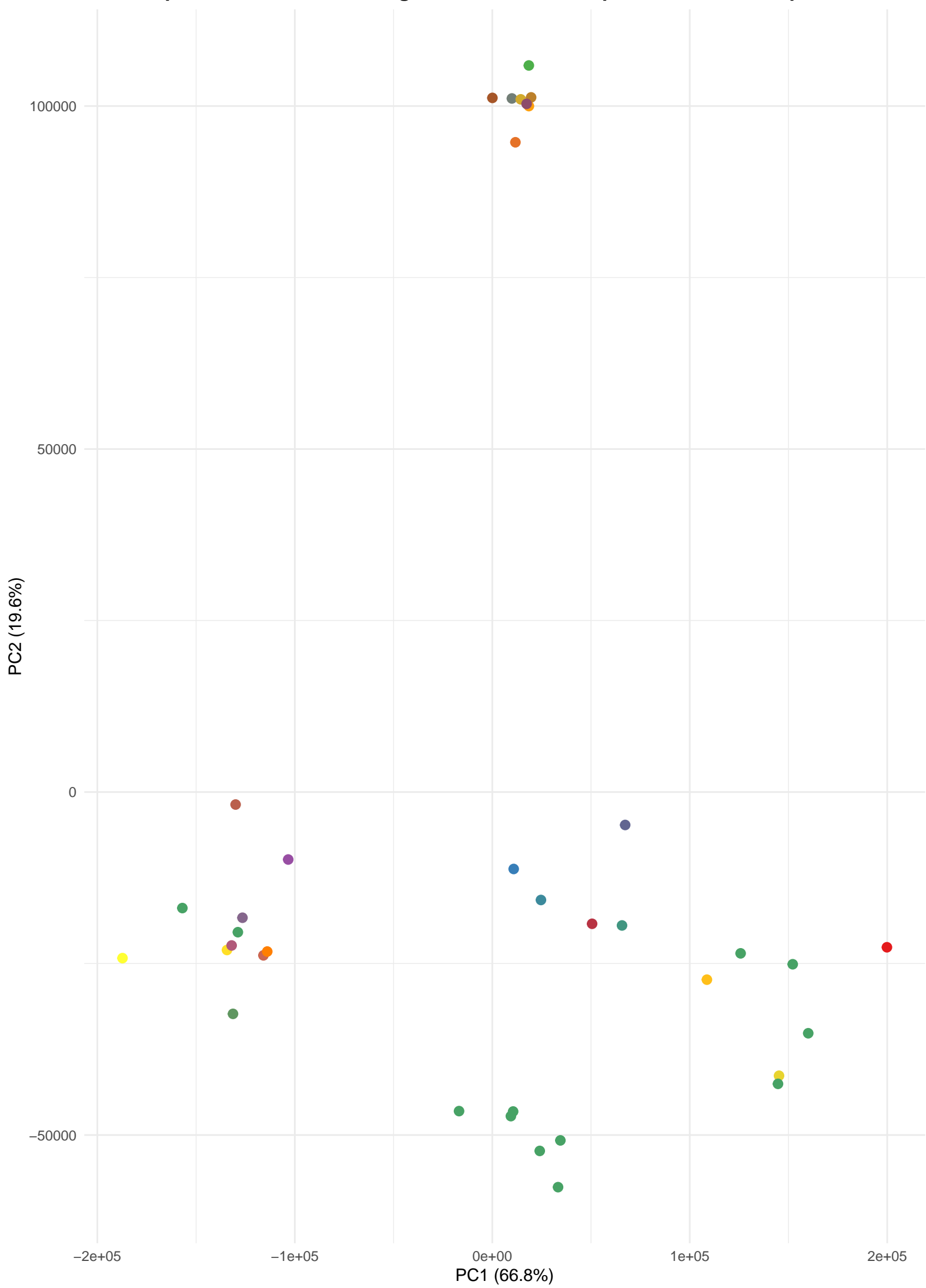
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- unknown 416699f9-7423-4550-be49-8f02faa2b0d5
- unknown 53d89d9f-5949-4fc0-a0f7-bbac9f0fea51
- unknown 73056630-65cd-44da-94ab-6886ae9d01cc
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- year imputed

PCA por harmonized donor age unit automated experiments ChIP.Seq H3K36me3

harmonized donor age unit automated experiments ChIP.Seq H3K36me3

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| ● unknown 1c0d18ed-c4d2-41ac-9e17-5a303f7f990f | ● year 10d36a04-e044-4c40-9b45-3ef18c963298 | ● year dfc63e95-4862-4384-a735-dc9483aed805 |
| ● unknown 214d1f33-bcb6-4ac8-b4dd-0158df3742ae | ● year 248d0803-44a8-4240-ab71-e2ff74839d74 | ● year e9ec476a-ba27-4442-9d25-8e1fc0abb738 |
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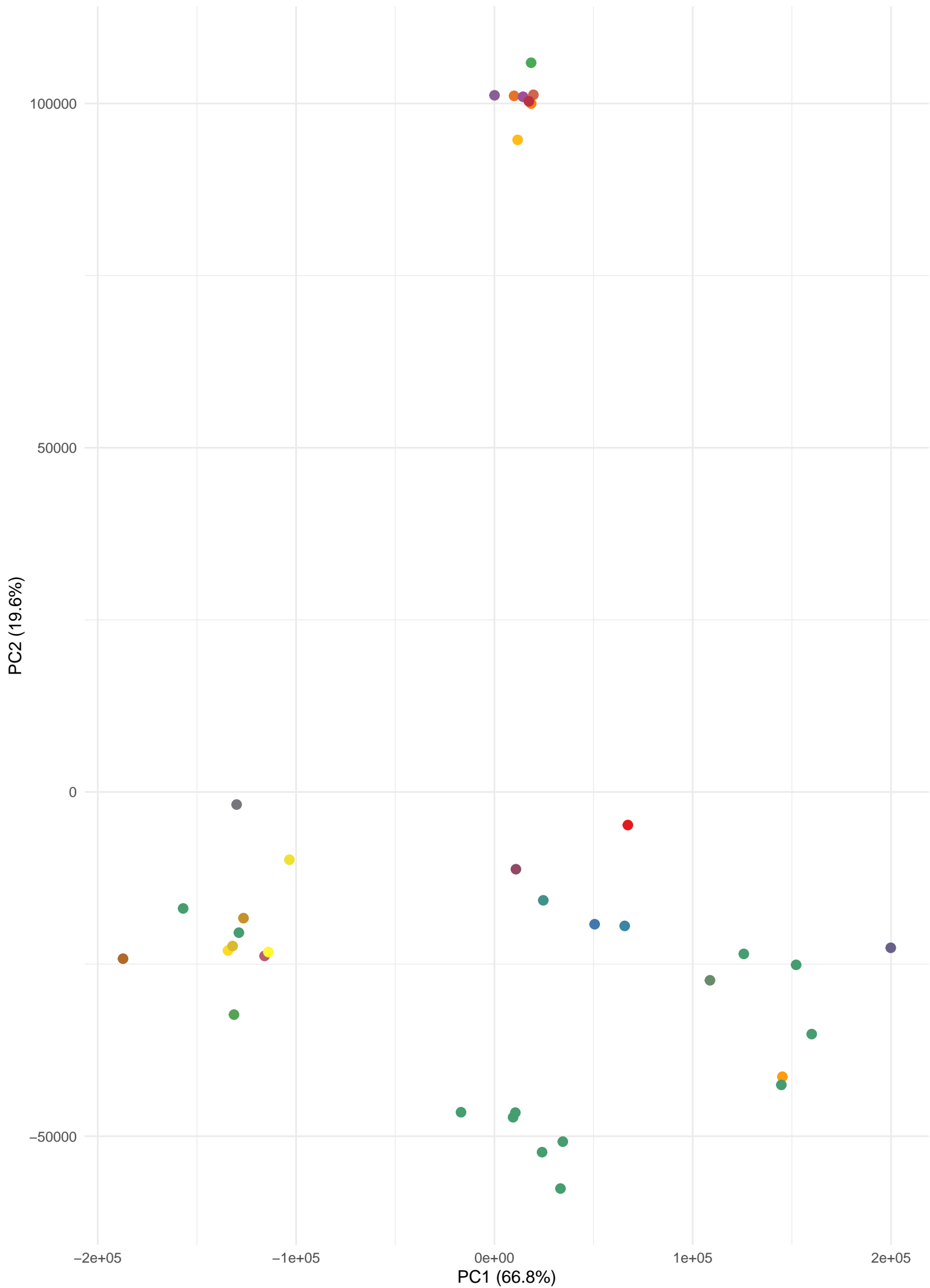
PCA por harmonized donor age unit automated experiments ChIP.Seq H3K4me1


















harmonized donor age unit automated experiments ChIP.Seq H3K4me1

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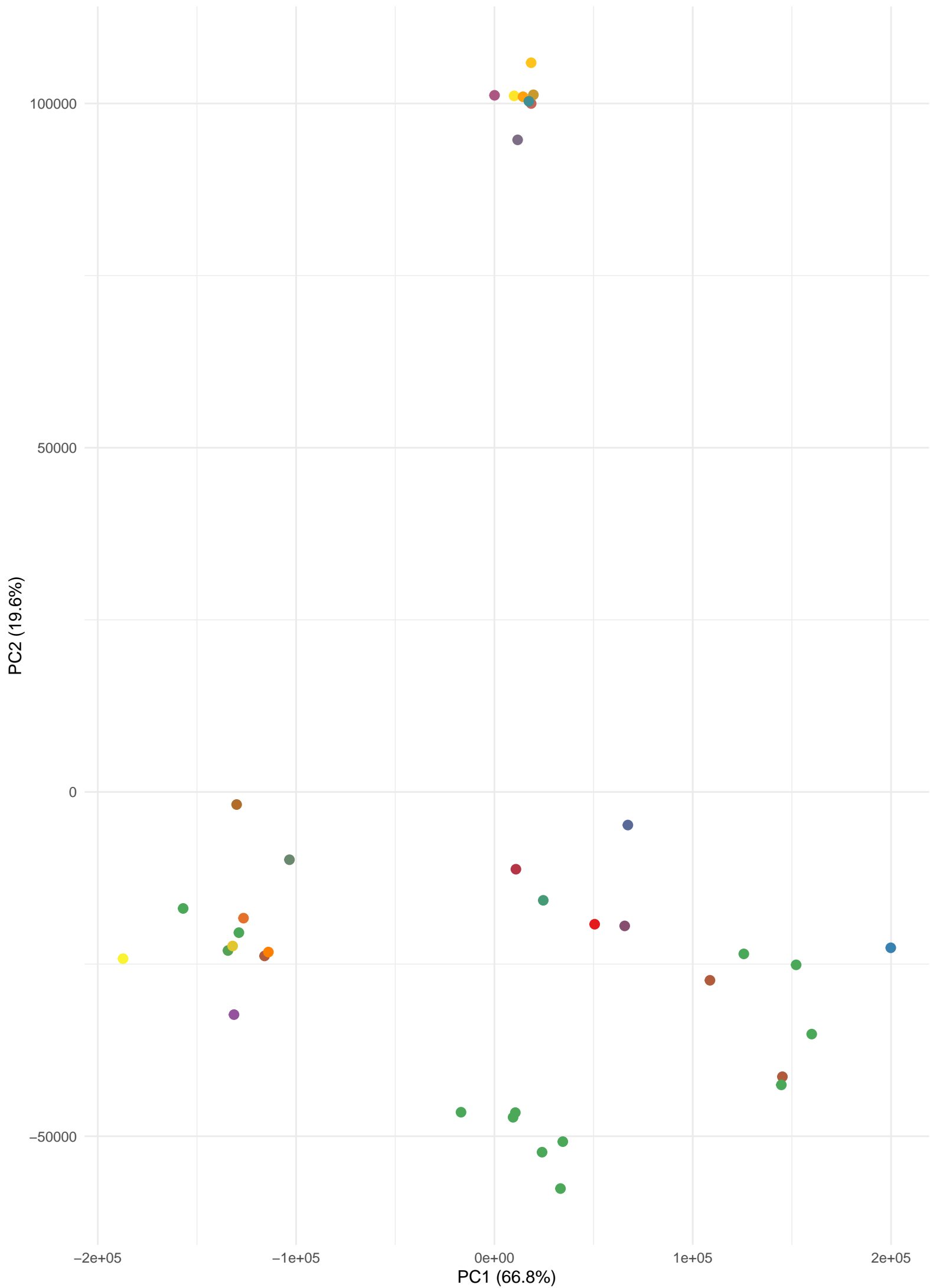
PCA por harmonized donor age unit automated experiments ChIP.Seq H3K4me3



harmonized donor age unit automated experiments ChIP.Seq H3K4me3

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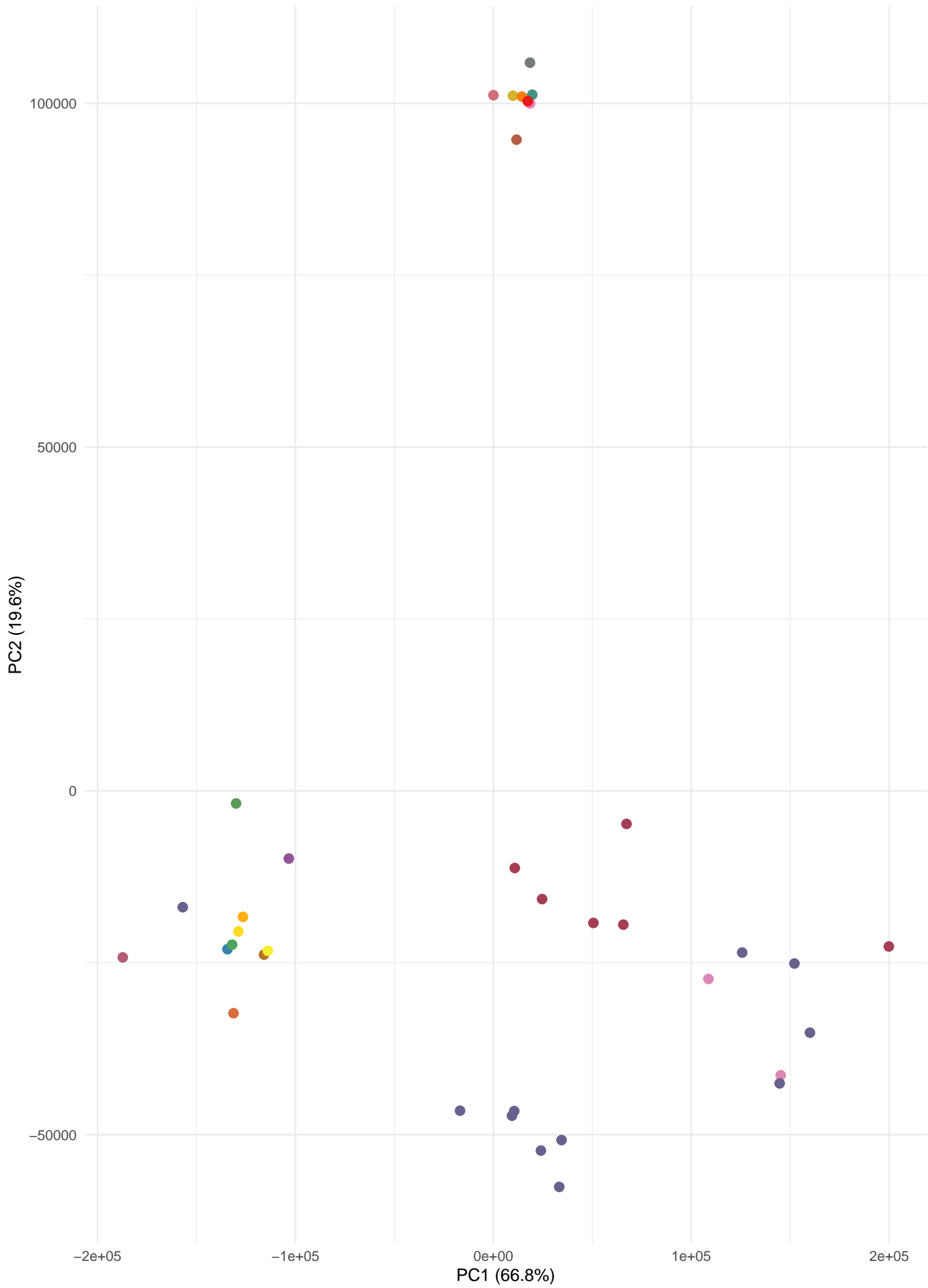
PCA por harmonized donor age unit automated experiments ChIP.Seq H3K9me3



harmonized donor age unit automated experiments ChIP.Seq H3K9me3

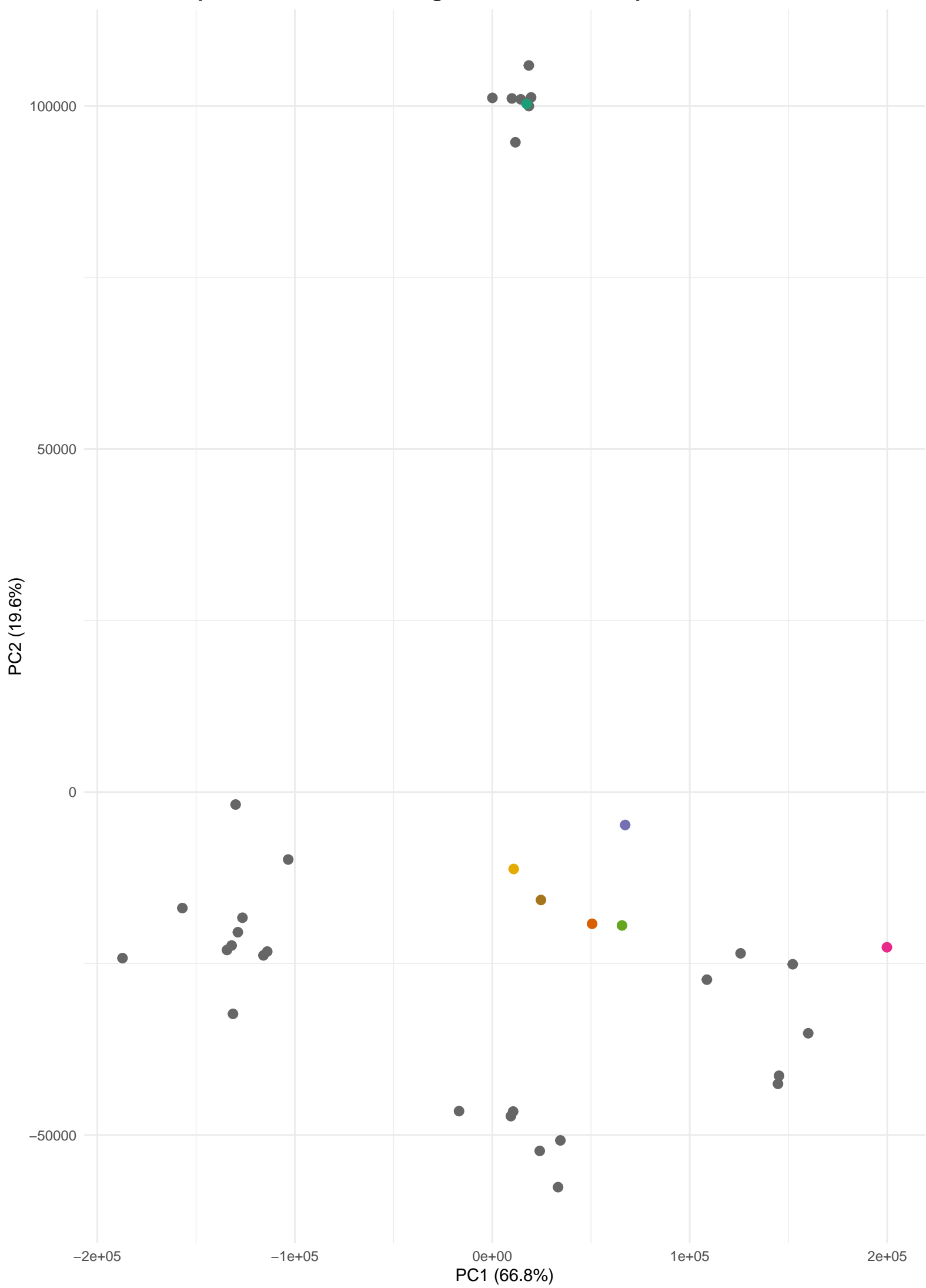
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PCA por harmonized donor age unit automated experiments WGBS standard



harmonized donor age unit automated experiments WGBS standard		unknown 8e67dc03-9ec7-44ad-b29e-5f8ae6fd6378		year 4a59e98c-3e26-4804-b7ba-03988d438f13		year a713bee9-910c-48a7-80c9-37560c997dae
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PCA por harmonized donor age unit automated experiments WGBS PBAT



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harmonized donor age unit automated experiments WGBS PBAT

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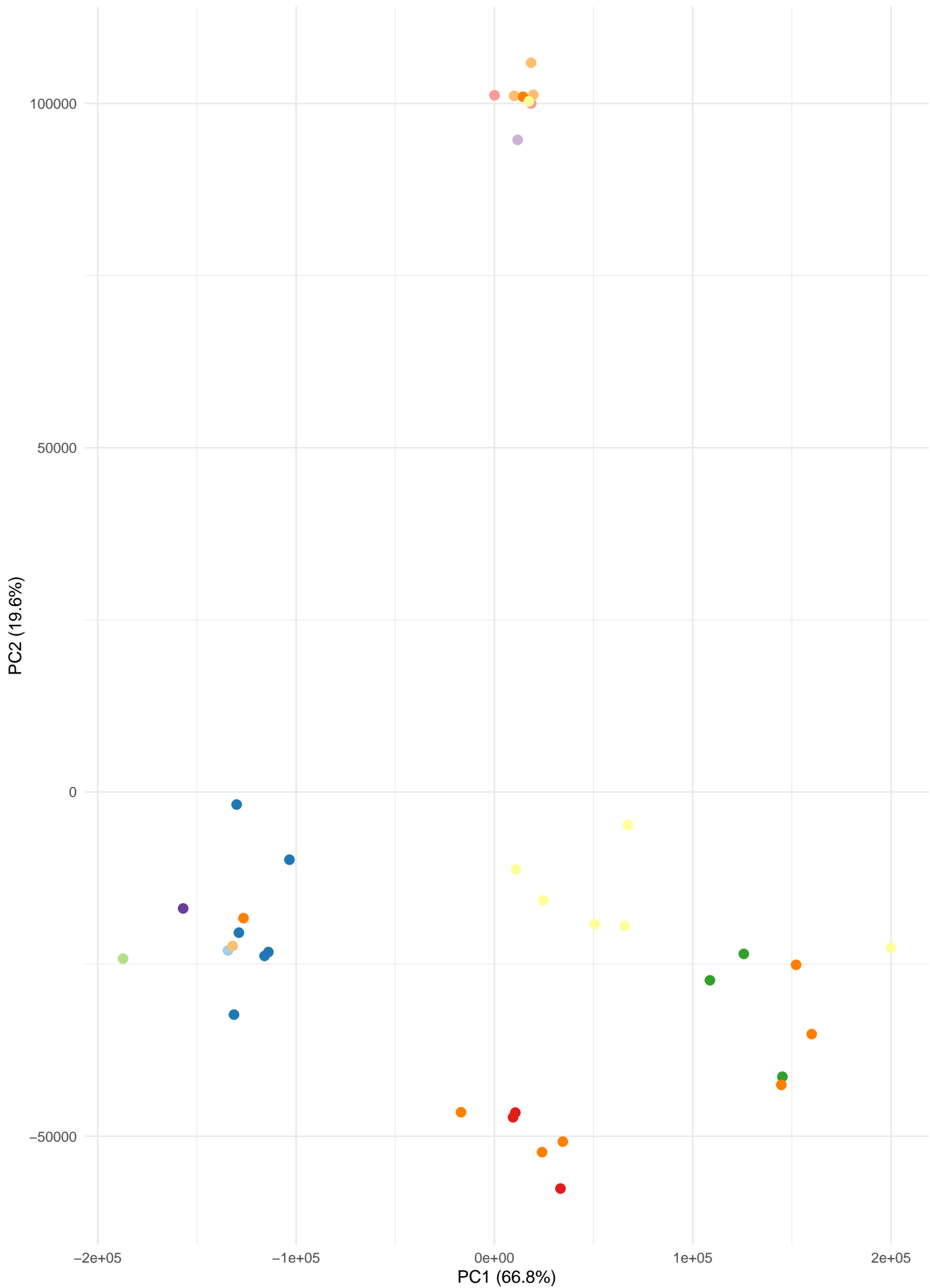
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PCA por harmonized donor age unit automated experiments RNA.Seq mRNA.Seq

harmonized donor age unit automated experiments RNA.Seq mRNA.Seq

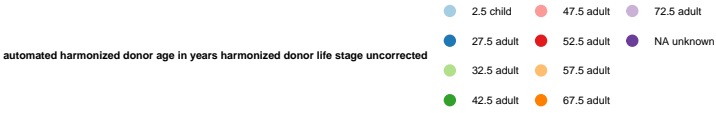
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PCA por automated harmonized donor age in years harmonized donor life stage





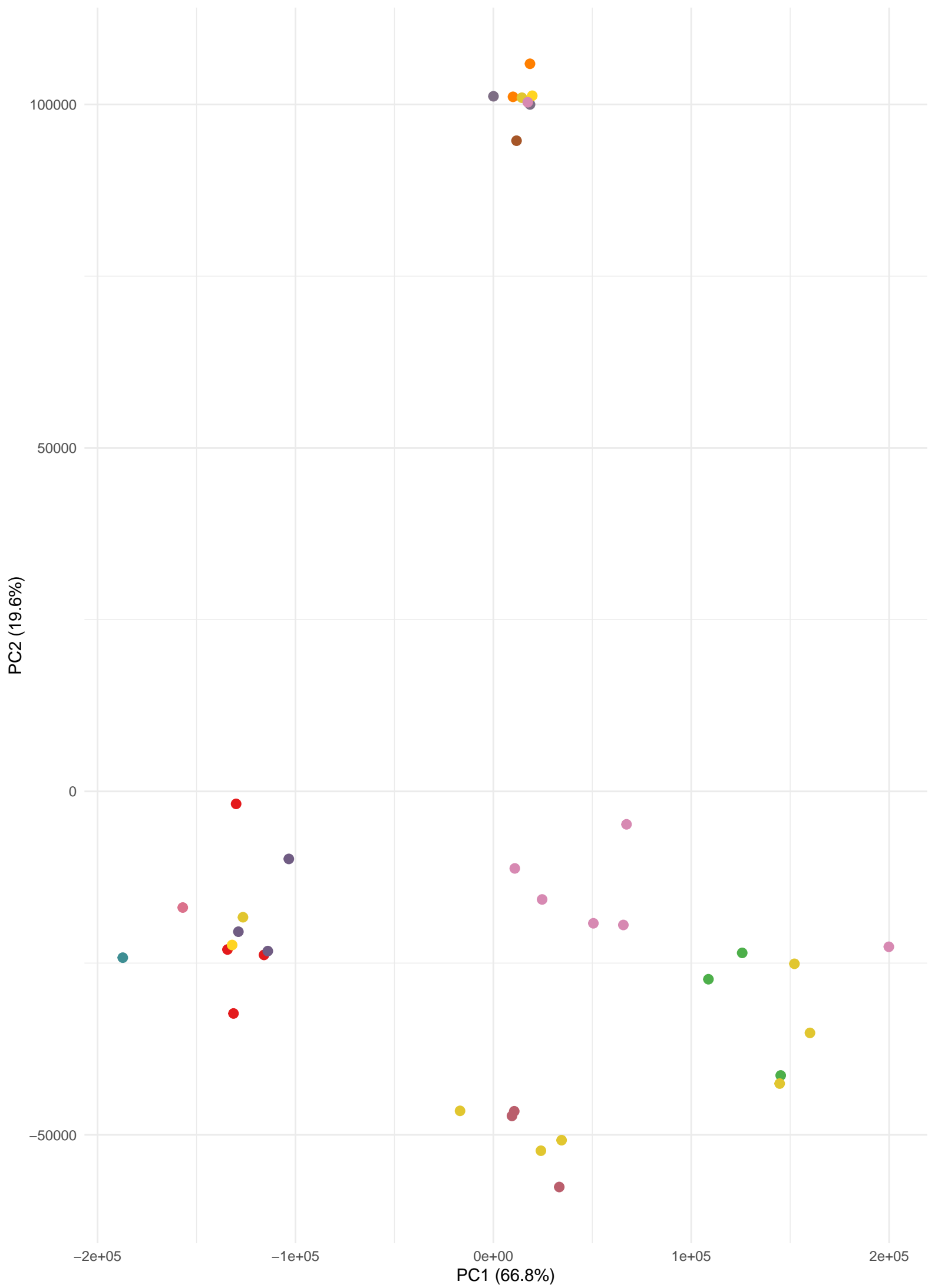
PCA por automated harmonized donor age in years harmonized donor life stage incorrect



PCA por automated harmonized donor age in years harmonized donor sex



PCA por automated harmonized donor age in years harmonized donor sex uncorrected





PCA por automated harmonized donor age in years automated experiments ChIP.Seq H3K27

automated harmonized donor age in years automated experiments ChIP.Seq H3K27me3

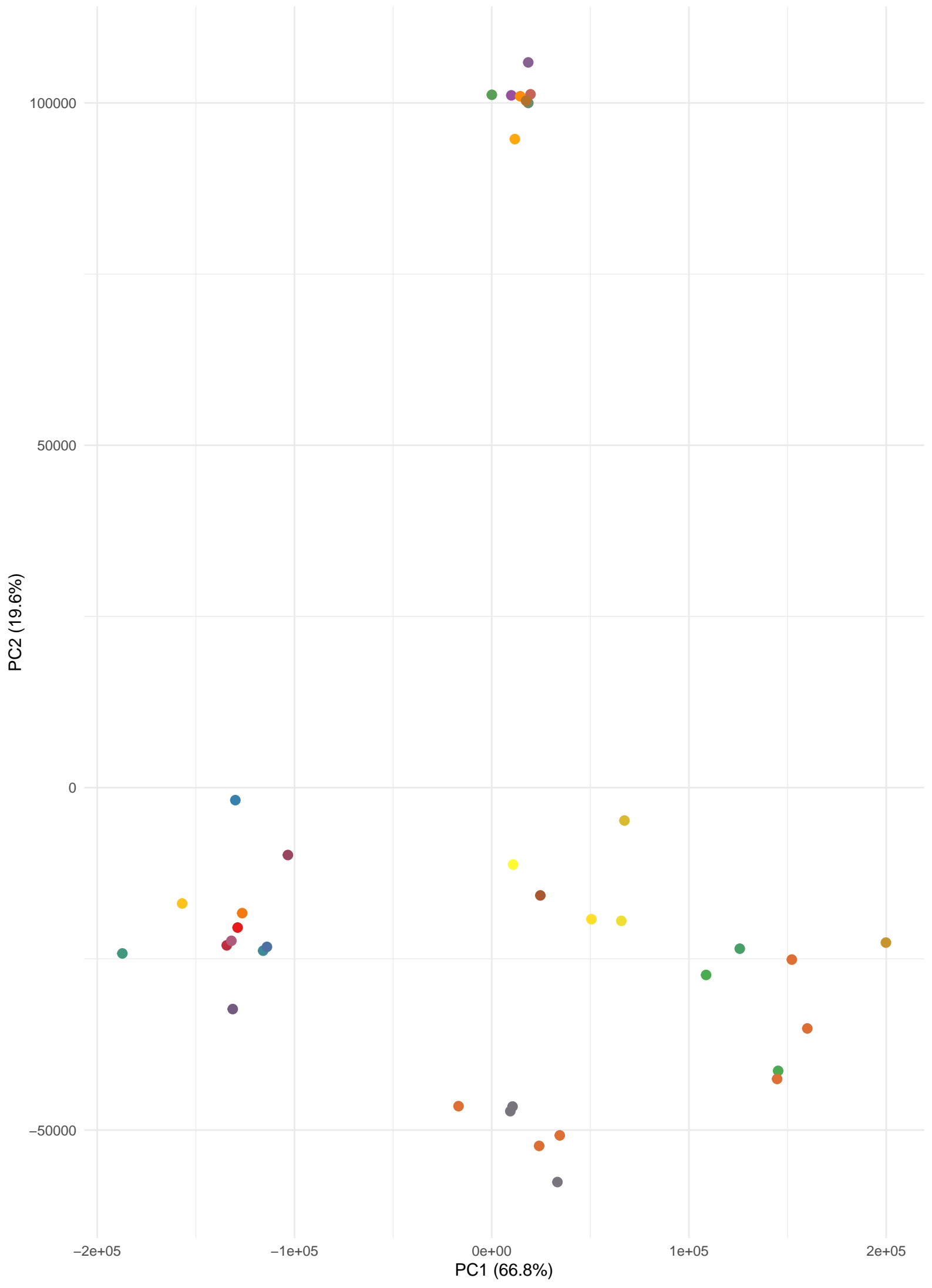
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automated harmonized donor age in years automated experiments ChIP.Seq H3K36me3

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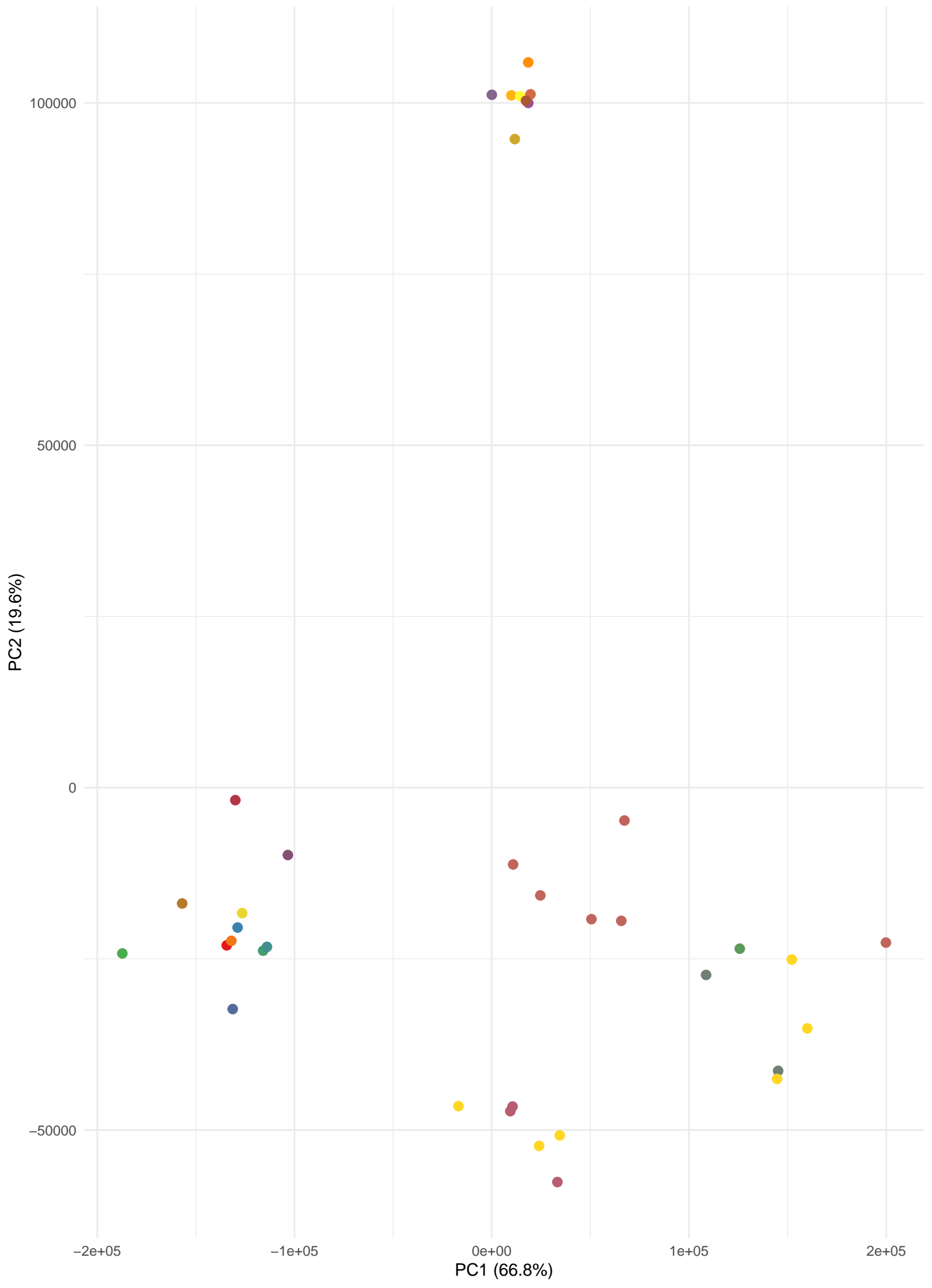
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automated harmonized donor age in years automated experiments ChIP.Seq H3K9me3

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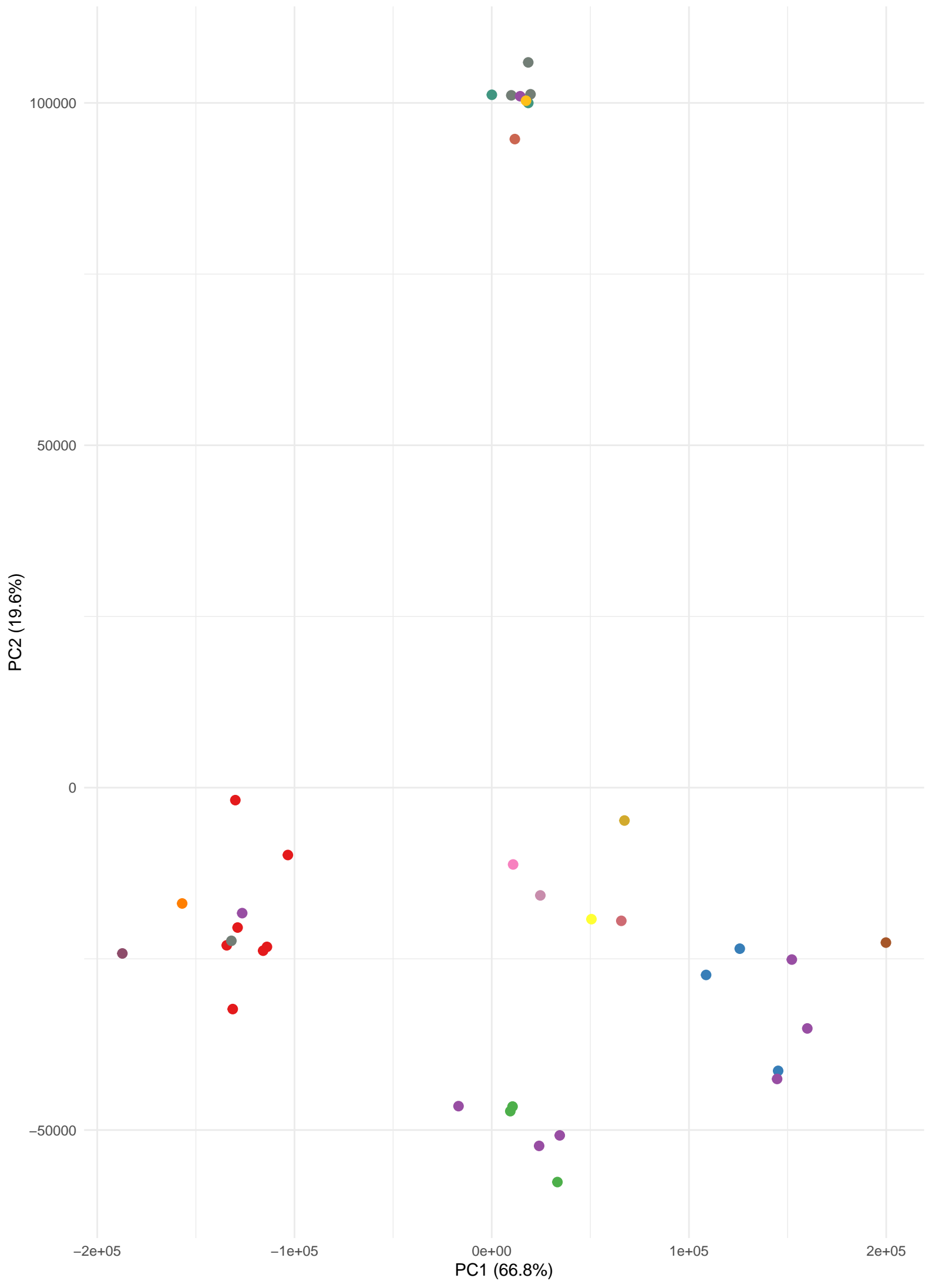
PCA por automated harmonized donor age in years automated experiments WGBS standar



automated harmonized donor age in years automated experiments WGBS standard

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27.5 5c4e62a5-7f52-4d66-a91f-b23c7611212e	52.5 4a59e98c-3e26-4804-b7ba-03988d438f13	NA imputed

PCA por automated harmonized donor age in years automated experiments WGBS PBAT



automated harmonized donor age in years automated experiments WGBS PBAT



PCA por automated harmonized donor age in years automated experiments RNA.Seq mRNA.

automated harmonized donor age in years automated experiments RNA-Seq mRNA-Seq



PCA por harmonized donor life stage harmonized donor life stage uncorrected

harmonized donor life stage harmonized donor life stage uncorrected



adult adult



adult unknown

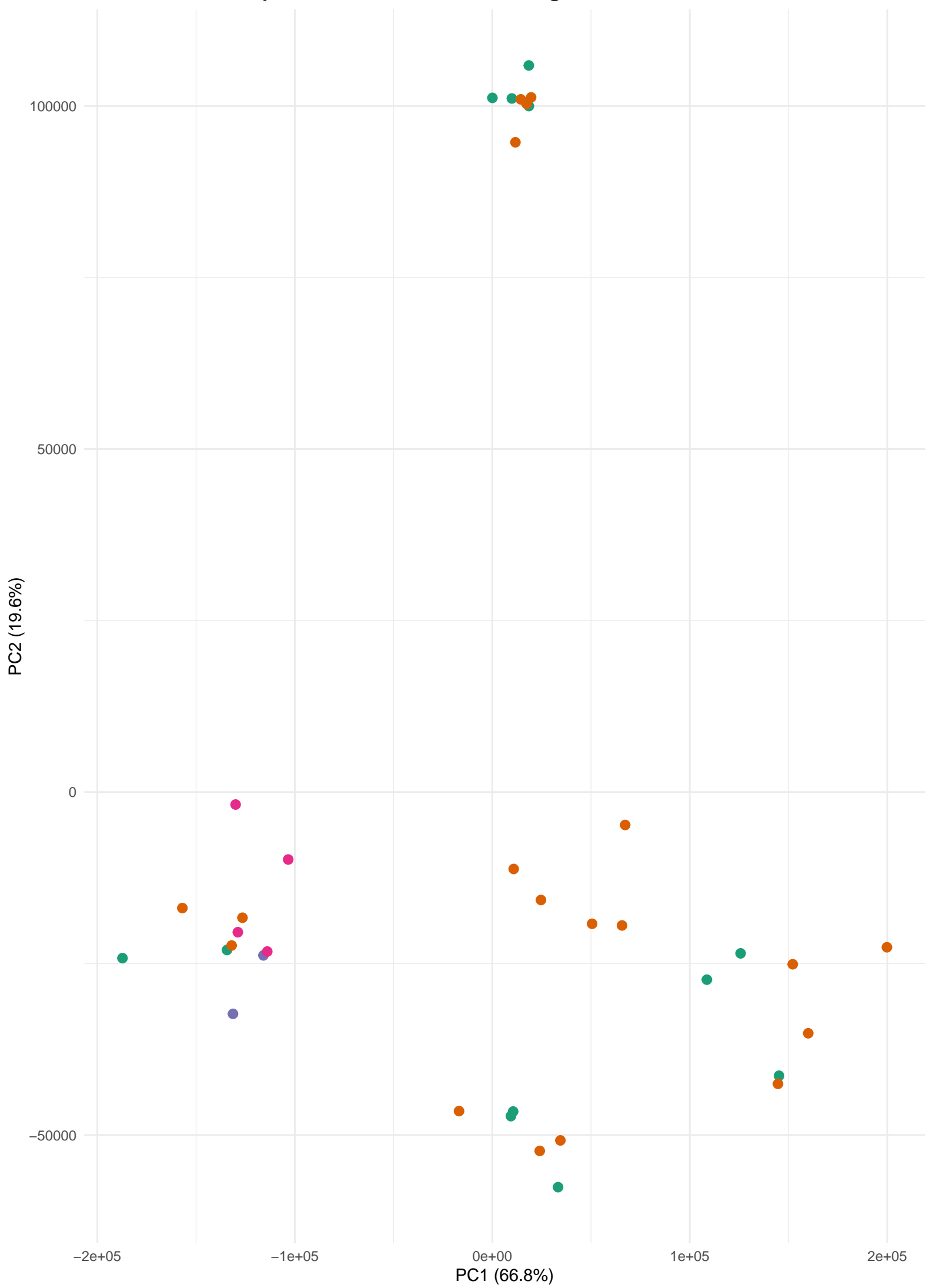


adult child



child child

PCA por harmonized donor life stage harmonized donor sex



harmonized donor life stage harmonized donor sex

- adult female
- child female
- adult male
- child male

PCA por harmonized donor life stage harmonized donor sex uncorrected

harmonized donor life stage harmonized donor sex uncorrected



adult female



child female



adult male



child male

PCA por harmonized donor life stage automated experiments ChIP.Seq H3K27ac

harmonized donor life stage automated experiments ChIP.Seq H3K27ac

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| ● adult 30aebd5d-55b8-4958-834c-27c8c0a165bb | ● adult 9f989b17-6131-4e53-a04c-2c3b0ade703c | ● child 6767ca98-deae-49f6-b4ac-75d0144cef28 |
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PCA por harmonized donor life stage automated experiments ChIP.Seq H3K27me3

harmonized donor life stage automated experiments ChIP.Seq H3K27me3

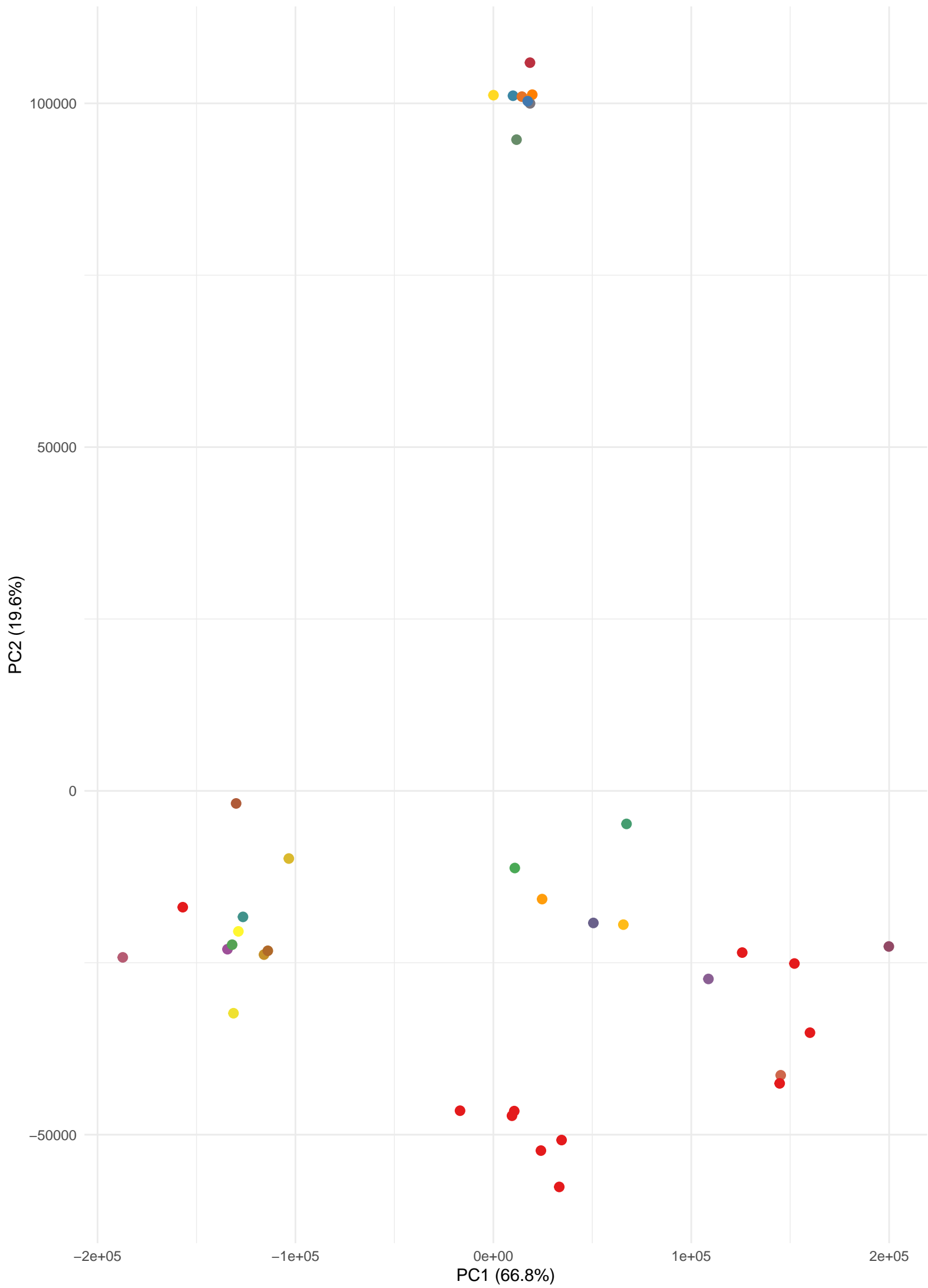
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| ● adult 0acd5931-0b73-476b-8e24-3d3f33e51c4f | ● adult 9cf12c10-316c-45d2-adeb-5ea53e80f354 | ● adult imputed |
| ● adult 10501a10-327b-4601-8d8d-0d0bc776bb15 | ● adult acc389c8-306d-460f-95cb-548ca498e7e9 | ● child |
| ● adult 165f7781-9b32-4127-9b7e-a3c22e1d8bc5 | ● adult ad699f10-b9f0-4846-a1ea-444cf5e468b | ● child 4a5cfc14-4daf-4d77-9a82-2b790575203a |
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| ● adult 416699f9-7423-4550-be49-8f02faa2b0d5 | ● adult b966e498-d9a0-444f-86dc-2c73303063dc | ● child 87d6d4cc-d709-448c-855d-51ab38c2c5f0 |
| ● adult 53d89d9f-5949-4fc0-a0f7-bbac9f0fa51 | ● adult c8466bde-130e-4c84-b299-b3eb4c8abdc7 | ● child c103ff2c-a6eb-4f1b-a426-7944eb0db1a5 |
| ● adult 73056630-65cd-44da-94ab-6886ae9d01cc | ● adult d70df12a-56c6-409a-9efd-6ac48fef39f8 | ● child imputed |
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PCA por harmonized donor life stage automated experiments ChIP.Seq H3K36me3

harmonized donor life stage automated experiments ChIP.Seq H3K36me3

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| ● adult 0efb30a1-ec4a-41e3-8cd9-c8f03f347482 | ● adult 8d5b3081-225e-438e-b618-c17adc495516 | ● child 510139c3-77ab-4865-bfdf-41696f4f603b |
| ● adult 10d36a04-e044-4c40-9b45-3ef18c963298 | ● adult 9f5e6354-a818-4c74-a982-f5d683781afe | ● child 78afa2e5-5711-4b0e-8724-55134969481b |
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| ● adult 248d0803-44a8-4240-ab7f-e2ff74839d74 | ● adult dfc63e95-4862-4384-a735-dc9483aed805 | ● child f239d3f1-9d11-4bf4-aece-ad23d5390811 |
| ● adult 43a724cd-c3b0-46db-9b56-bc285ebfa0a4 | ● adult eeae79e0-ee5e-42e1-9f29-f42824b74440 | |

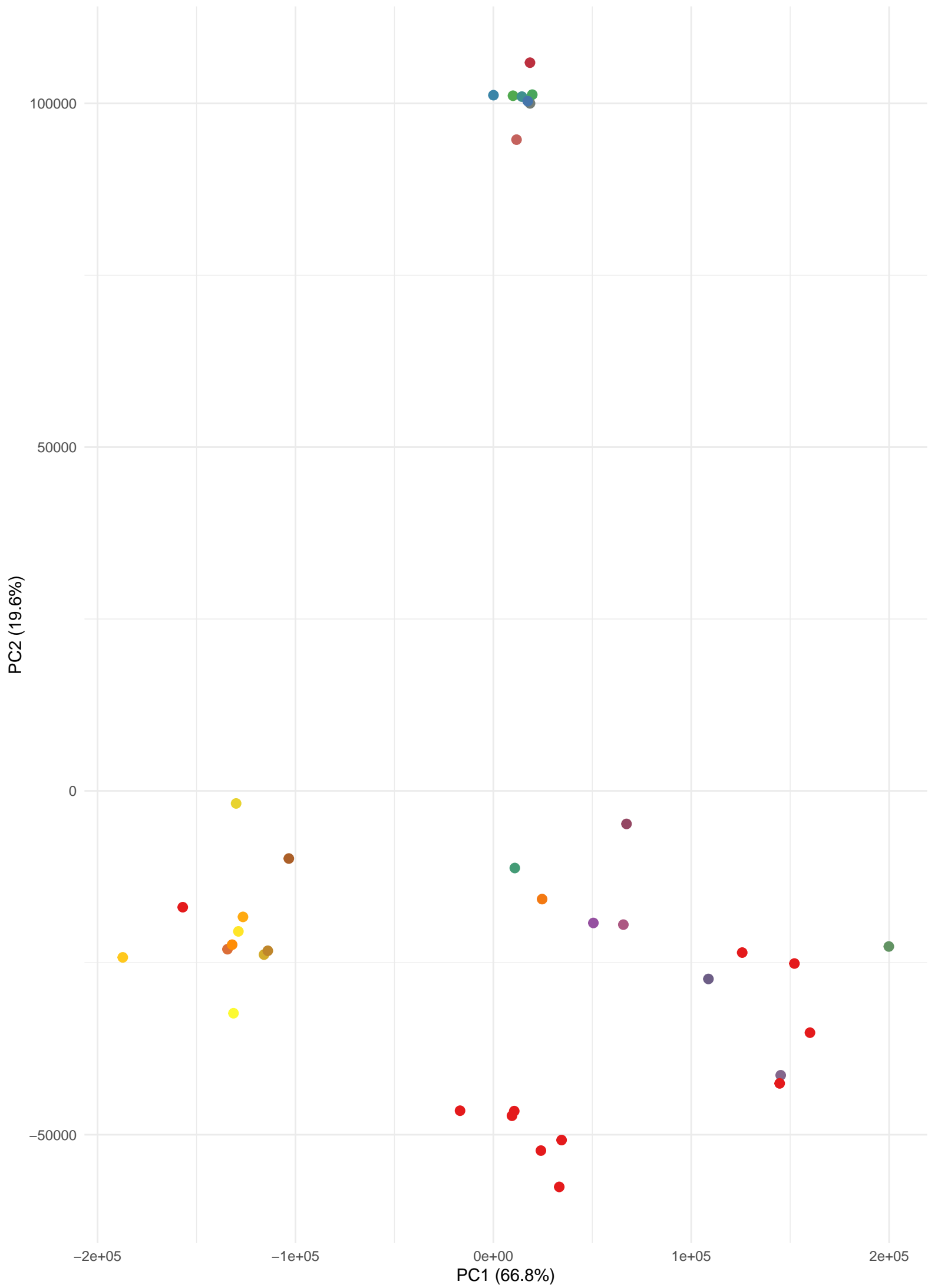
PCA por harmonized donor life stage automated experiments ChIP.Seq H3K4me1



harmonized donor life stage automated experiments ChIP.Seq H3K4me1

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- adult b55212c4-278a-46e6-a914-7321e68a657d
- adult df6f0905-c0c8-425c-b0f1-0f9ff68f7793
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- adult bbe0fcdd-1f38-4b05-9389-41cc4d505f6b
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- adult 157e52bc-84ef-4d37-b10e-cb4efcf994d
- adult bf143e30-3898-49cc-b008-9b0dc8f55c5c
- child
- adult 2c79bca0-4ffc-465a-9643-ae105e9920dd
- adult c56fb850-5356-4ade-95b8-b00dc069d5ee
- child 18017a46-582b-4ce3-bfb4-e75efa17aec2
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- adult 630bb3ae-2002-42b3-97d8-83059d35c603
- adult c6514d1f-f7d6-47e3-b3e7-3a9905e2253b
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- adult 856e5189-b10a-47ac-b38e-4f26c4b023ef
- adult cee73cdb-e806-4f6a-ad30-ab01efc5dd22
- child baca5345-ebfb-42c5-84f7-5edc7dd83347
- adult 93858f63-89ca-4fc1-b09c-156027aebc3c
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- child imputed

PCA por harmonized donor life stage automated experiments ChIP.Seq H3K4me3



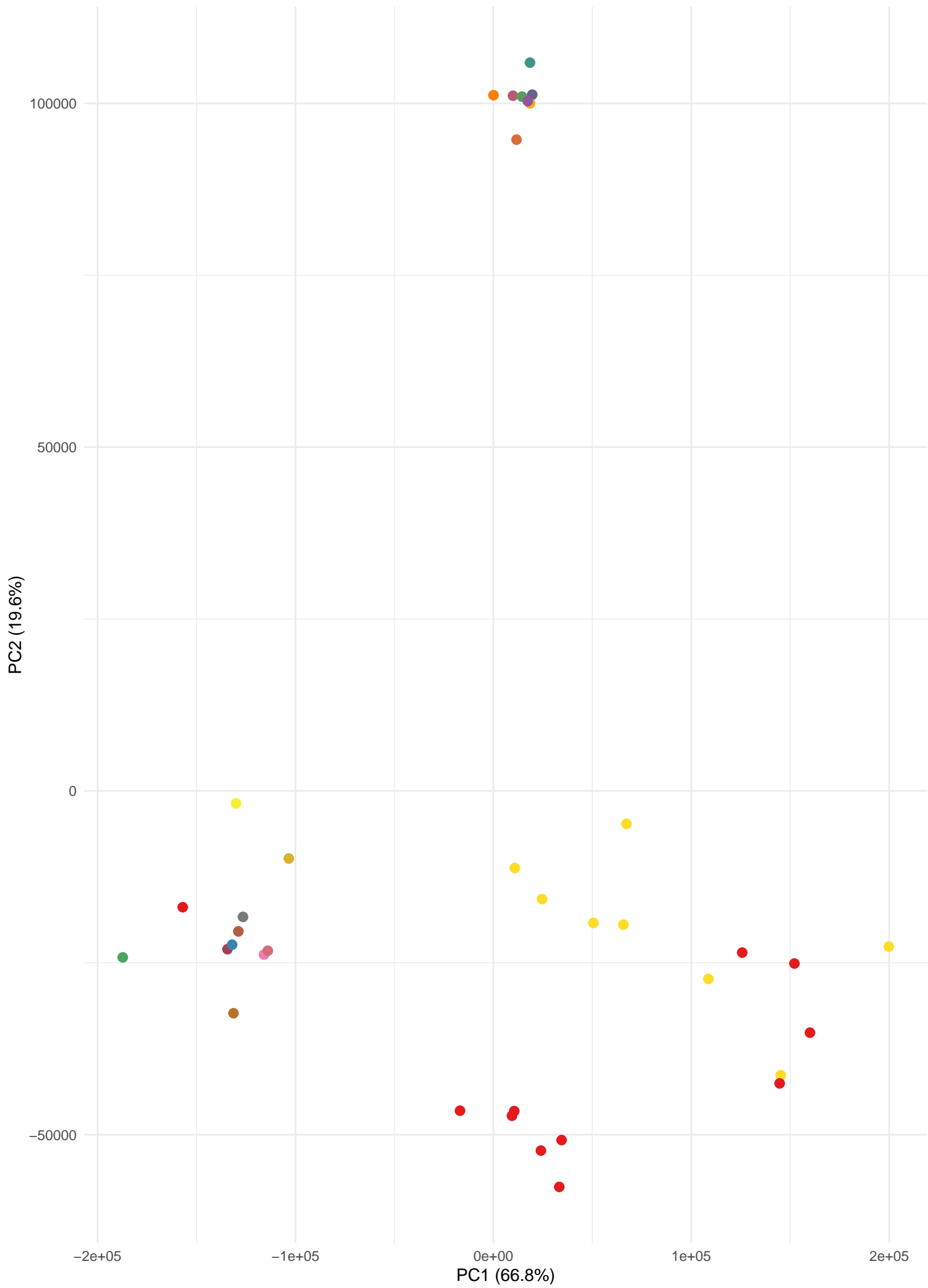
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PCA por harmonized donor life stage automated experiments ChIP.Seq H3K9me3

harmonized donor life stage automated experiments ChIP.Seq H3K9me3

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- adult 1726d2d4-326e-4dc2-912a-cee3015ea75f
- adult 24e1c000-860b-414c-8a5a-cb73e98c0c6a
- adult 531c01db-d7ec-4377-be41-51b3cab349a9
- adult 560a707c-11f9-456f-9667-23fa8be1b9b6
- adult 6615446a-840c-42f3-8de3-7683d60a1480
- adult 6d2c1eb1-64cd-4b80-95ec-5404bd3906e9
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- adult 8f8990bc-bdfc-474d-b52f-20c0591d22d2
- adult 916f86f3-bba4-4f2a-8dee-7255de7413cf
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- child 859b49cb-ac61-48c4-a1ad-a49ca139de17
- child f8b01218-a3f8-48dc-884c-14b62675daca
- child imputed

PCA por harmonized donor life stage automated experiments WGBS standard



harmonized donor life stage automated experiments WGBS standard

- adult
- adult 0cc882b9-8b8a-47a0-a3b9-c7e93a064919
- adult 150f6503-c7ab-44fb-a903-ebf1b17b2625
- adult 182c7e63-941c-448e-9a84-d75e1647c26
- adult 4a59e98c-3e26-4804-b7ba-03988d438f13
- adult 5c4e62a5-7f52-4d66-a91f-b23c7611212e
- adult 73f81a47-8c88-47c5-8e6c-3a5578301c24
- adult 772f8c24-349d-411e-89ee-365ee8b061d3
- adult 8e67dc03-9ec7-44ad-b29e-5f8ae6fd6378
- adult ab7cb639-ecd3-42ac-8ad6-849b1c3925e0
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- adult imputed
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- child a713bee9-910c-48a7-80c9-37560c997dae
- child cd60d225-f45f-4d16-98f2-5d3ec24845a6

PCA por harmonized donor life stage automated experiments WGBS PBAT

harmonized donor life stage automated experiments WGBS PBAT



adult



adult 40683367-35f6-4afc-83c3-b9c80ec7f87d



adult 69900762-439d-4985-8f18-99e8343e0a36



adult 89154913-658e-46d8-be8d-81961eb89c07



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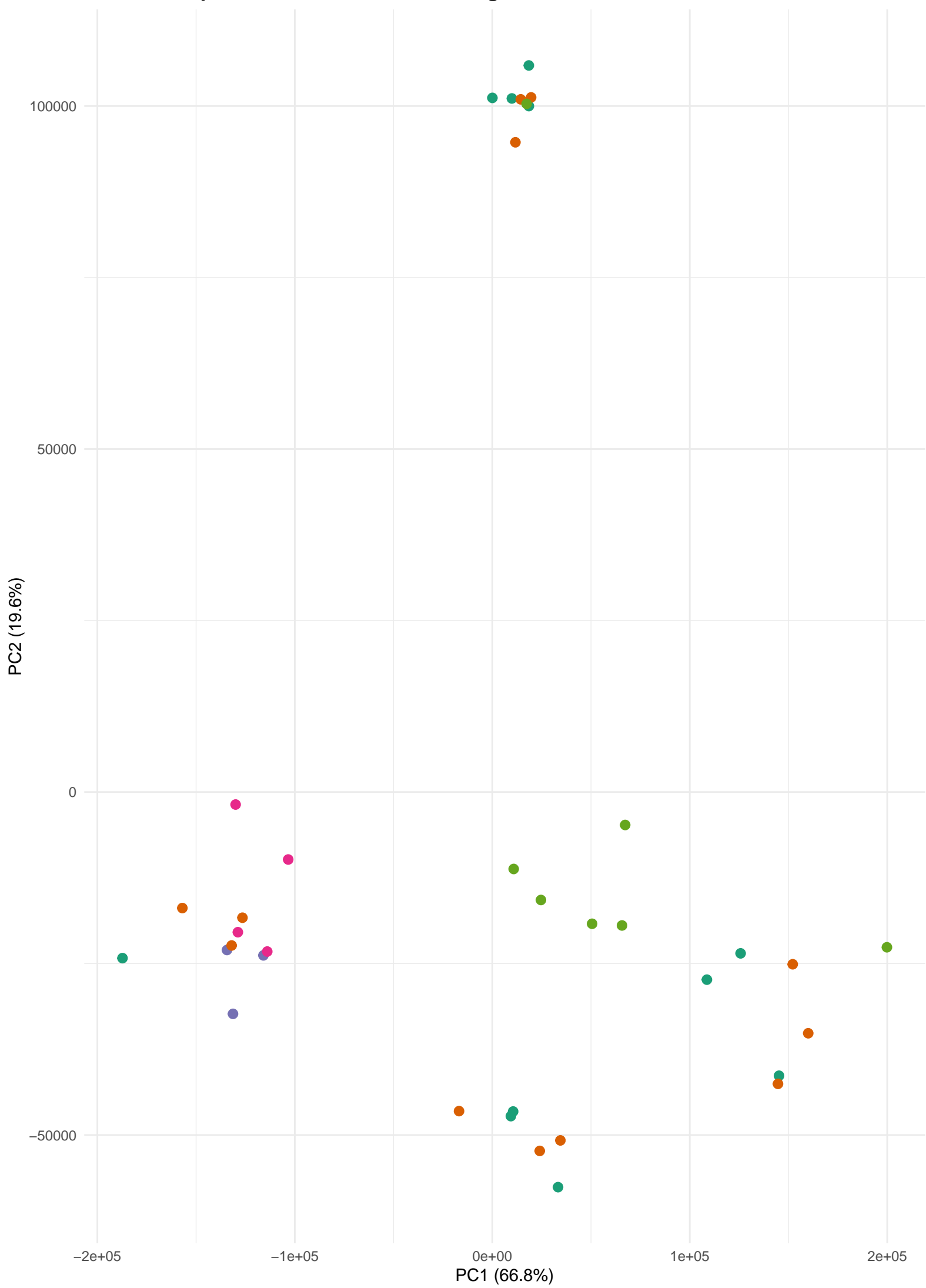
child

PCA por harmonized donor life stage automated experiments RNA.Seq mRNA.Seq

harmonized donor life stage automated experiments RNA.Seq mRNA.Seq

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- adult c56a86f7-91a0-4989-a8ca-04a3ac0b0bbe
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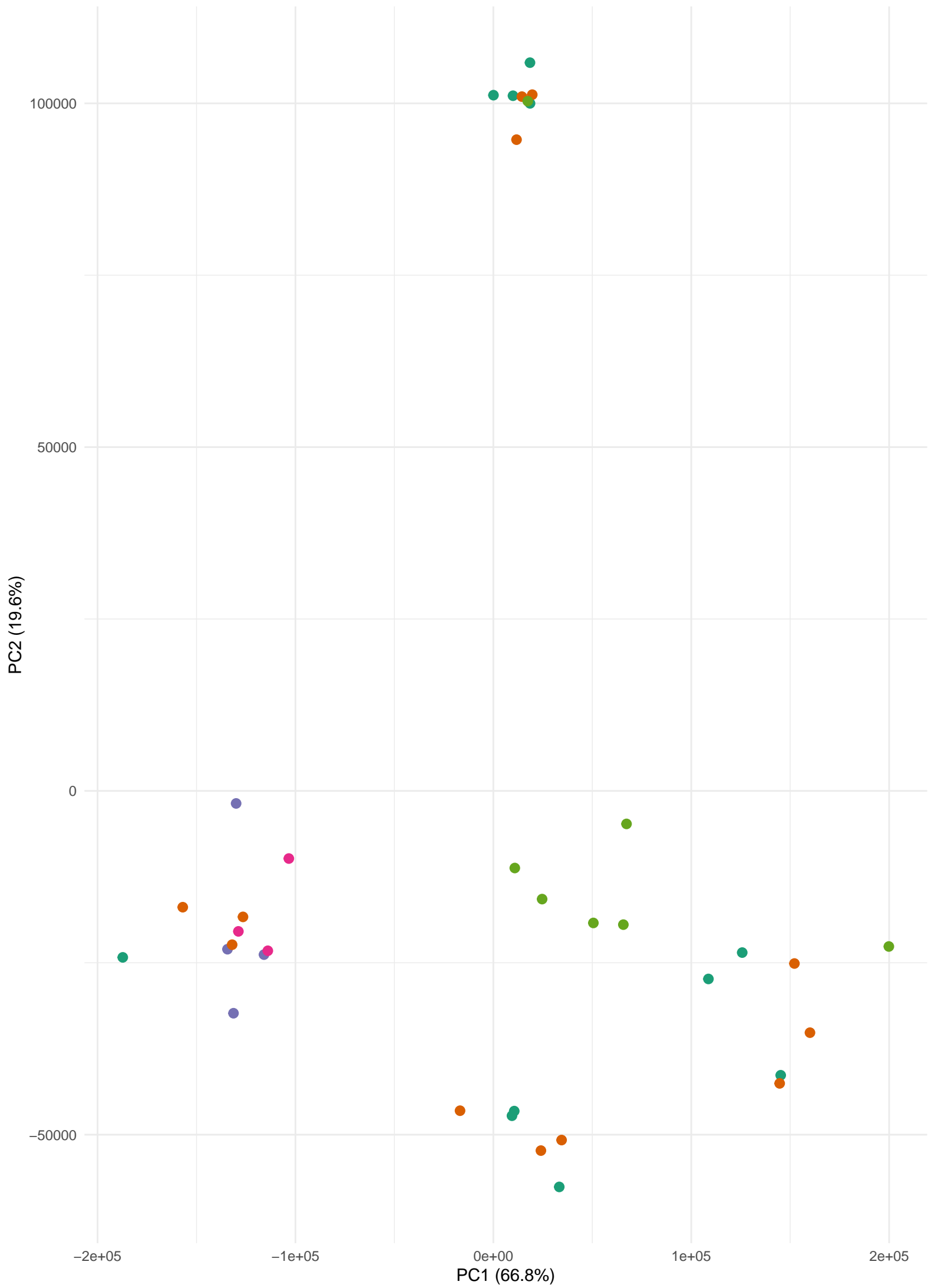
PCA por harmonized donor life stage uncorrected harmonized donor sex



harmonized donor life stage uncorrected harmonized donor sex

adult female	child female	unknown male
adult male	child male	

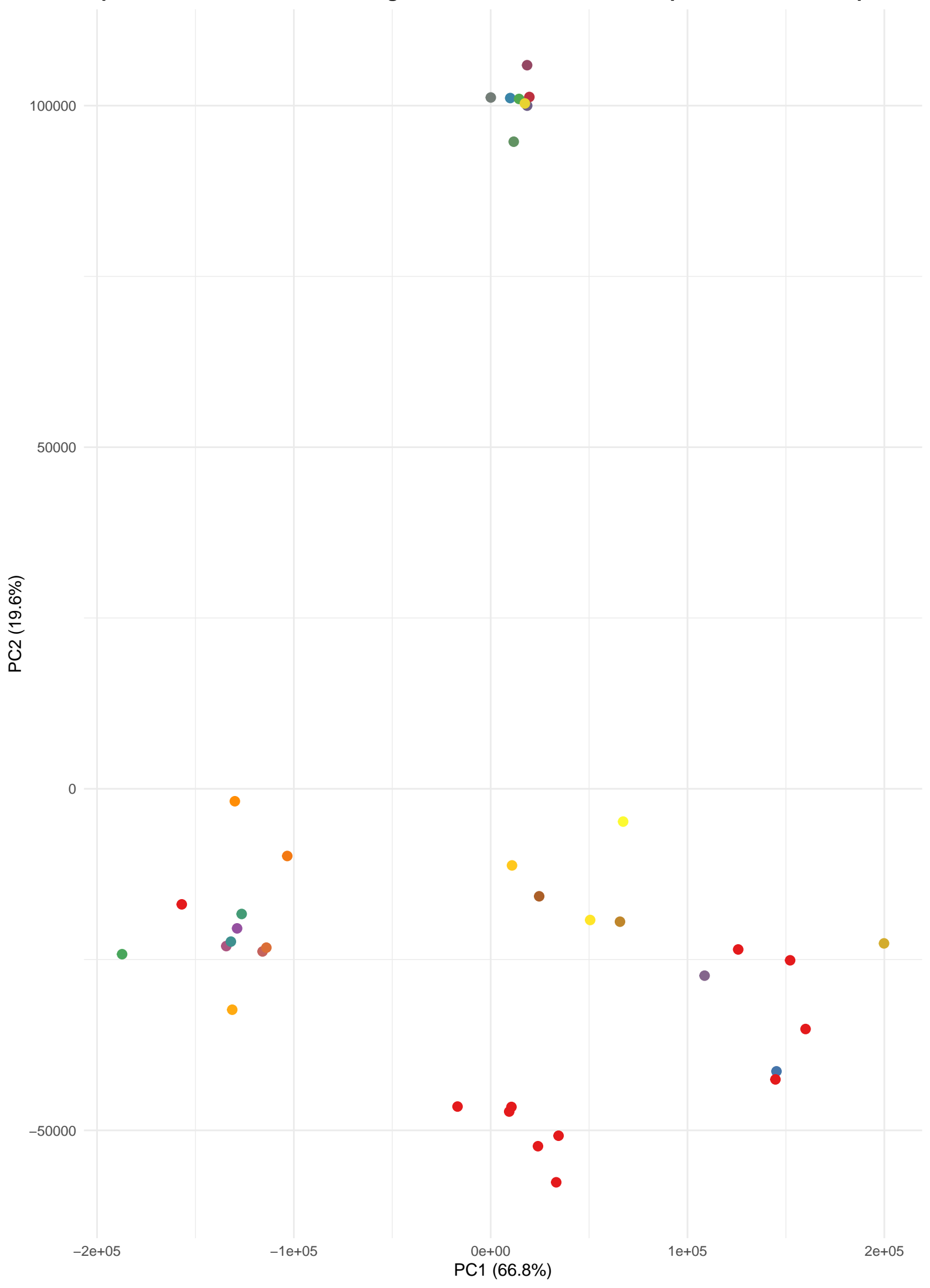
PCA por harmonized donor life stage uncorrected harmonized donor sex uncorrected



harmonized donor life stage uncorrected harmonized donor sex uncorrected

- adult female
- child female
- unknown male
- adult male
- child male

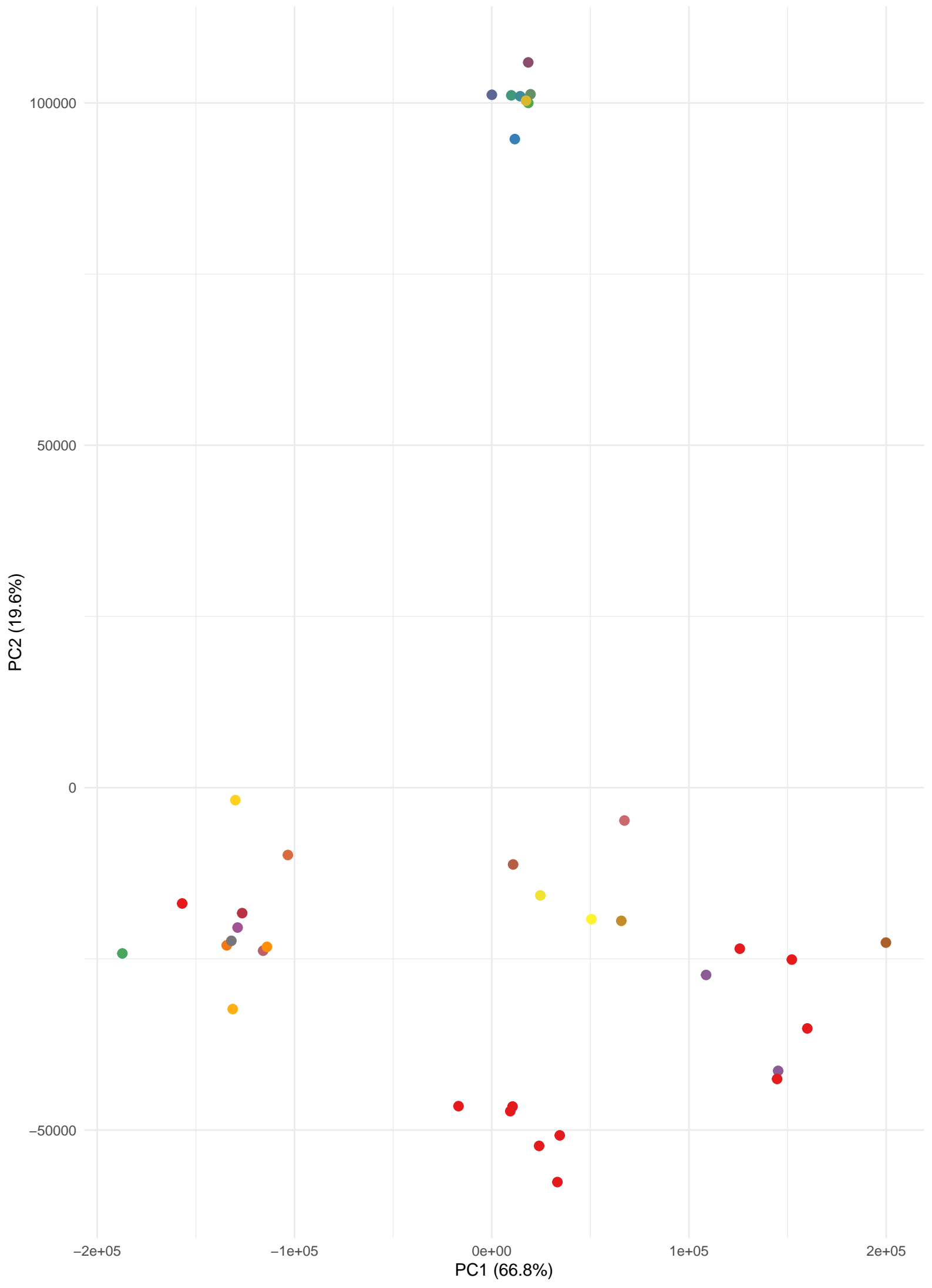
PCA por harmonized donor life stage uncorrected automated experiments ChIP.Seq H3K27



harmonized donor life stage uncorrected automated experiments ChIP.Seq H3K27ac

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● adult 482731ca-3e9c-4d2c-8f58-b7fbaebadf16	● child	● unknown 87217a77-af17-4375-b2cb-d5433d7630b0
● adult 6de3a207-ef97-4cbc-a25e-5966bc51a6e1	● child 21204e63-5580-42b6-aaaf-3888daa8192c	● unknown 90c9bd75-e378-4adf-8726-9bc0261986e3
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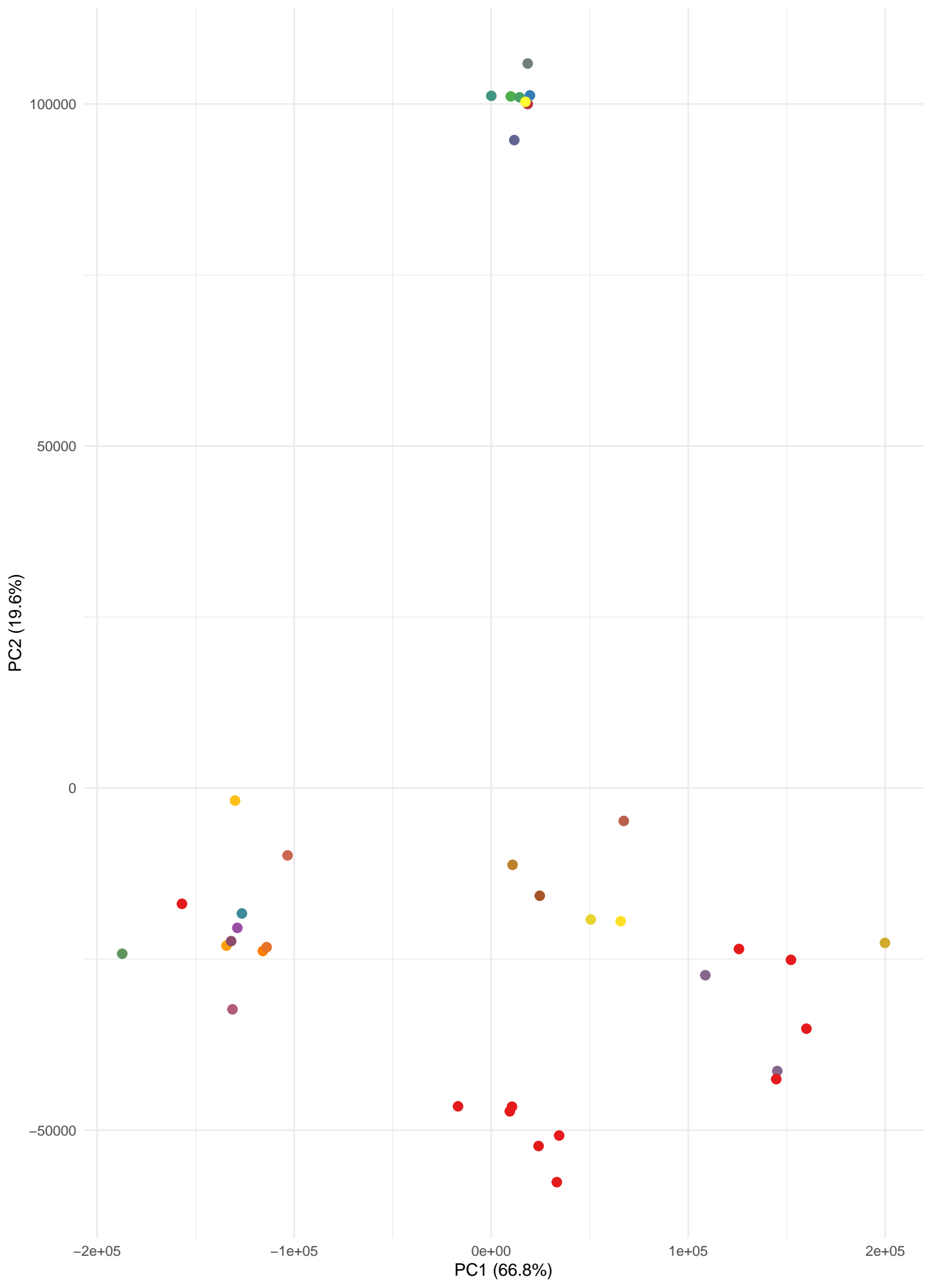
PCA por harmonized donor life stage uncorrected automated experiments ChIP.Seq H3K27m



harmonized donor life stage uncorrected automated experiments ChIP.Seq H3K27me3

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| ● adult 9cf12c10-316c-45d2-adec-5ea53e80f354 | ● child | ● unknown 2619468f-904f-46bd-8da3-9c85fdeceff5 |
| ● adult acc389c8-306d-460f-95cb-548ca498e7e9 | ● child 4a5cfc14-4daf-4d77-9a82-2b790575203a | ● unknown 416699f9-7423-4550-be49-8f02faa2b0d5 |
| ● adult ad699f10-b9f0-4846-a1ea-444cf5fe468b | ● child 5458814b-5fa1-4409-81d6-3110fe5029f7 | ● unknown 53d89d9f-5949-4fc0-a0f7-bbac9f0lea51 |
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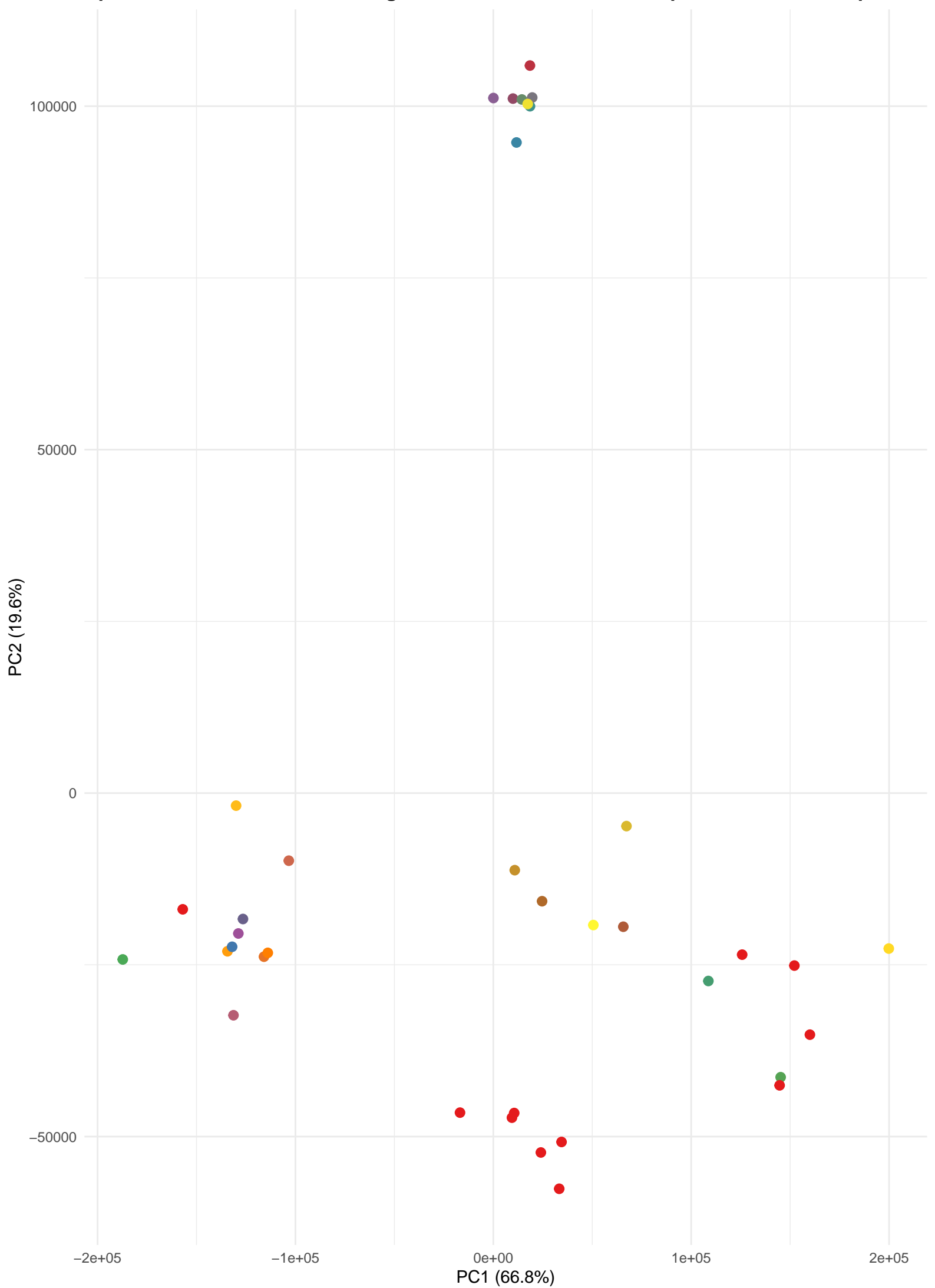
PCA por harmonized donor life stage uncorrected automated experiments ChIP.Seq H3K36m



harmonized donor life stage uncorrected automated experiments ChIP.Seq H3K36me3

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| ● adult 0efb30a1-ec4a-41e3-8cd9-c8f03f347482 | ● adult imputed | ● unknown 1c0d18ed-c4d2-41ac-9e17-5a303f7f990f |
| ● adult 10d36a04-e044-4c40-9b45-3ef18c963298 | ● child | ● unknown 214d1f33-bcb6-4ac8-b4dd-0158df3742ae |
| ● adult 248d0803-44a8-4240-ab7f-e2ff74839d74 | ● child 510139c3-77ab-4865-bfdf-41696f4f603b | ● unknown 43a724cd-c3b0-46db-9b56-bc285ebfa0a4 |
| ● adult 7ba479df-2d75-4a21-a2dc-30d87eedc37a | ● child 78afa2e5-5711-4b0e-8724-55134969481b | ● unknown 5334d23f-e014-40d2-bc7a-ac83a243daae |
| ● adult 8d5b3081-225e-438e-b618-c17adc495516 | ● child baf1b6b5-96f6-42d1-907a-07181459fd3c | ● unknown 5d44418c-818f-4534-8844-0d0e8e0143a7 |
| ● adult b2ccf16a-9055-4734-b0ff-eb0714415e6a | ● child e9ec476a-ba27-4442-9d25-8e1fc0abb738 | ● unknown 9f5e6354-a818-4c74-a982-f5d683781afe |
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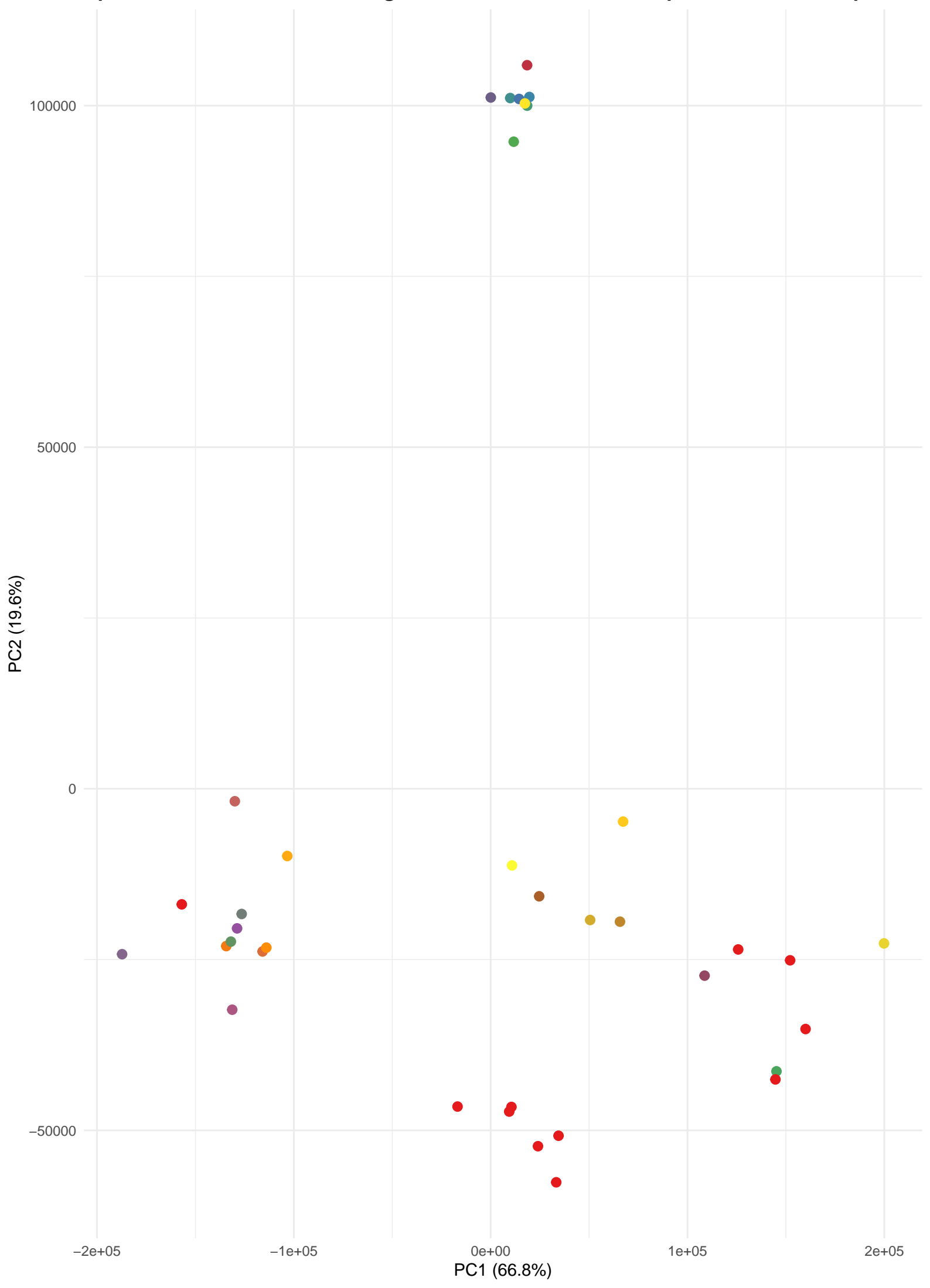
PCA por harmonized donor life stage uncorrected automated experiments ChIP.Seq H3K4m



harmonized donor life stage uncorrected automated experiments ChIP.Seq H3K4me1

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● adult 0538648e-28a0-4873-a813-aa0eabeee27b	● adult cee73cdb-e806-4f6a-ad30-ab01efc5dd22	● child imputed
● adult 39d08846-3228-45c0-bd7e-10e6a5452dea	● adult d0e9d2b8-31ed-4f18-8f4f-ade1dc88724d	● unknown 0b0c5786-e084-4954-a96f-72d7a88b913e
● adult 630bb3ae-2002-42b3-97d8-83059d35c603	● adult ec42c011-831b-49c5-9977-34d991e095bb	● unknown 157e52bc-84ef-4d37-b10e-cb4efc6ff94d
● adult 9f15cdcc-7468-4a84-87ee-af65c5fba810	● child	● unknown 2c79bca0-4ffc-465a-9643-ae105e9920dd
● adult b55212c4-278a-46e6-a914-7321e68a657d	● child 18017a46-582b-4ce3-bfb4-e75efa17aec2	● unknown 856e5189-b10a-47ac-b38e-4f26c4b023ef
● adult bbe0fcd0-1f38-4b05-9389-41cc4d505f6b	● child 986dff92-5d42-4625-83db-98aad85f151e	● unknown 93858f63-89ca-4fc1-b09c-156027aebc3c
● adult bff43e30-3898-49cc-b008-9b0dc8f55c5c	● child a3c721fe-088e-4da8-972b-3d6efe322bd3	● unknown dafab27e-9fa4-4e54-8b12-f34d3390d9ba
● adult c58e2138-e12f-4d11-9ec1-2028a8fe702b	● child baca5345-ebfb-42c5-84f7-5edc7dd83347	● unknown df6f0905-c0c8-425c-b0f1-0f9ff68f7793

PCA por harmonized donor life stage uncorrected automated experiments ChIP.Seq H3K4m



harmonized donor life stage uncorrected automated experiments ChIP.Seq H3K4me3

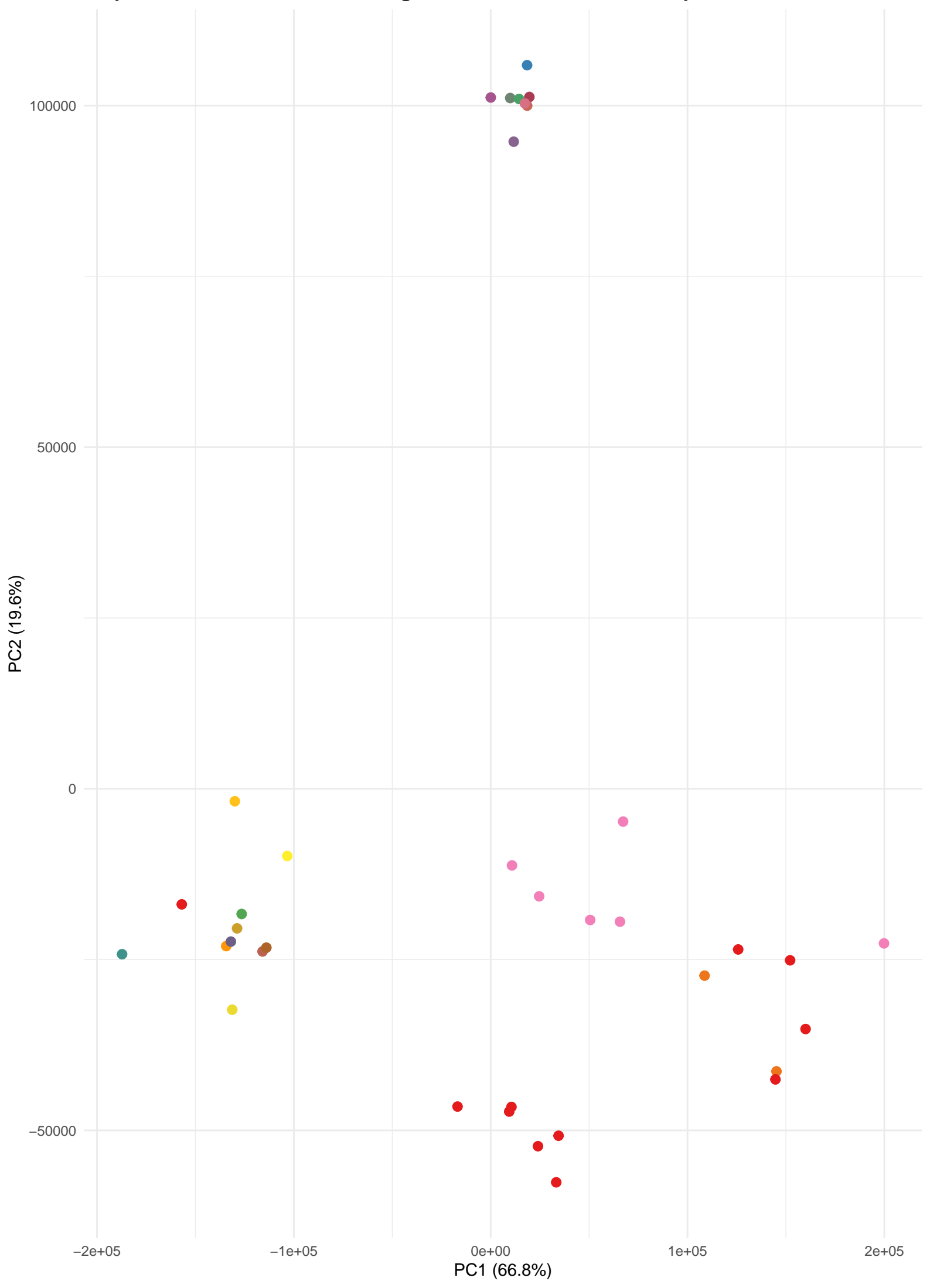
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● adult 89836fcc-e8df-40b9-ae22-e9fdca288170	● child 62fa2045-d9f3-4558-b7a5-d28794180b9a	● unknown b39bd01e-3692-461c-860c-2c0569187cd6
● adult 8ee0a04a-5612-416e-ac66-d602a8924e09	● child bd23c770-d9c3-4fd2-8198-dd9ba0210881	● unknown c1fee8a1-8e98-40e9-a12f-8704d30f2e67

PCA por harmonized donor life stage uncorrected automated experiments ChIP.Seq H3K9m

harmonized donor life stage uncorrected automated experiments ChIP.Seq H3K9me3

- | | | |
|--|--|--|
| ● adult | ● adult b5d4a5b3-a118-48b7-a386-2e56f2330a88 | ● child imputed |
| ● adult 24e1c000-860b-414c-8a5a-cb73e98c0c6a | ● adult b96d5c84-a138-4fe2-8971-713e73270893 | ● unknown 1726d2d4-326e-4dc2-912a-cee3015ea75f |
| ● adult 531c01db-d7ec-4377-be41-51b3cab349a9 | ● adult imputed | ● unknown 560a707c-11f9-456f-9667-23fa8be1b9b6 |
| ● adult 6615446a-840c-42f3-8de3-7683d60a1480 | ● child | ● unknown 7f8e529d-df30-4d19-82b7-6287d94d8e26 |
| ● adult 6d2c1eb1-64cd-4b80-95ec-5404bd3906e9 | ● child 153650ef-7ef6-43cd-b5dc-cf062deb8afd | ● unknown 8f8990bc-bdfc-474d-b52f-20c0591d22d2 |
| ● adult 916f86f3-bba4-4f2a-8dee-7255de7413cf | ● child 1d49e429-7d54-40c1-a965-968c057abf12 | ● unknown 91e9ef78-52b0-44be-b463-2c4d06233b83 |
| ● adult 94ad3781-f8aa-4d56-830a-df16a910858c | ● child 409fce32-3c80-4968-819f-d774f10df209 | ● unknown 9c54dc88-50cd-4207-80de-15a482501404 |
| ● adult a62efed1-28b1-4005-b980-2a01726331e7 | ● child 859b49cb-ac61-48c4-a1ad-a49ca139de17 | ● unknown ab339ba6-8e79-4160-a042-90f773410cae |
| ● adult ad6f214b-6bc2-494d-ba70-0c0eed50632c | ● child f8b01218-a3f8-48dc-884c-14b62675daca | |

PCA por harmonized donor life stage uncorrected automated experiments WGBS standar



harmonized donor life stage uncorrected automated experiments WGBS standard

- | | | |
|--|--|--|
| ● adult | ● adult ab7cb639-ecd3-42ac-8ad6-849b1c3925e0 | ● child 5268e353-f434-412e-8299-ac0cca9ebf82 |
| ● adult 150f6503-c7ab-44fb-a903-ebf1b17b2625 | ● adult e1c8805b-c7d8-432c-a71f-ce99c408384e | ● child 6bc6f0c2-79ba-4bae-bd7d-f0e99697d044 |
| ● adult 182c7e63-941c-448e-9a84-d75fe1647c26 | ● adult fadda90c-701d-4d69-b4ae-9a9af8d0c915 | ● child 8624b7b6-5098-4bc9-aba9-d1cd2aa655bd |
| ● adult 4a59e98c-3e26-4804-b7ba-03988d438f13 | ● adult fe8c5f2b-ec99-4169-ba89-b52097de9963 | ● child a713bee9-910c-48a7-80c9-37560c997dae |
| ● adult 5c4e62a5-7f52-4d66-a91f-b23c7611212e | ● adult imputed | ● child cd60d225-f45f-4d16-98f2-5d3ec24845a6 |
| ● adult 73f81a47-8c88-47c5-8e6c-3a5578301c24 | ● child 0cc882b9-8b8a-47a0-a3b9-c7e93a064919 | ● unknown 8e67dc03-9ec7-44ad-b29e-5f8ae6fd6378 |
| ● adult 772f8c24-349d-411e-89ee-365ee8b061d3 | ● child 42f5ce34-deb7-4ac0-b9e4-302f2814e3a0 | ● unknown imputed |

PCA por harmonized donor life stage uncorrected automated experiments WGBS PBAT

harmonized donor life stage uncorrected automated experiments WGBS PBAT

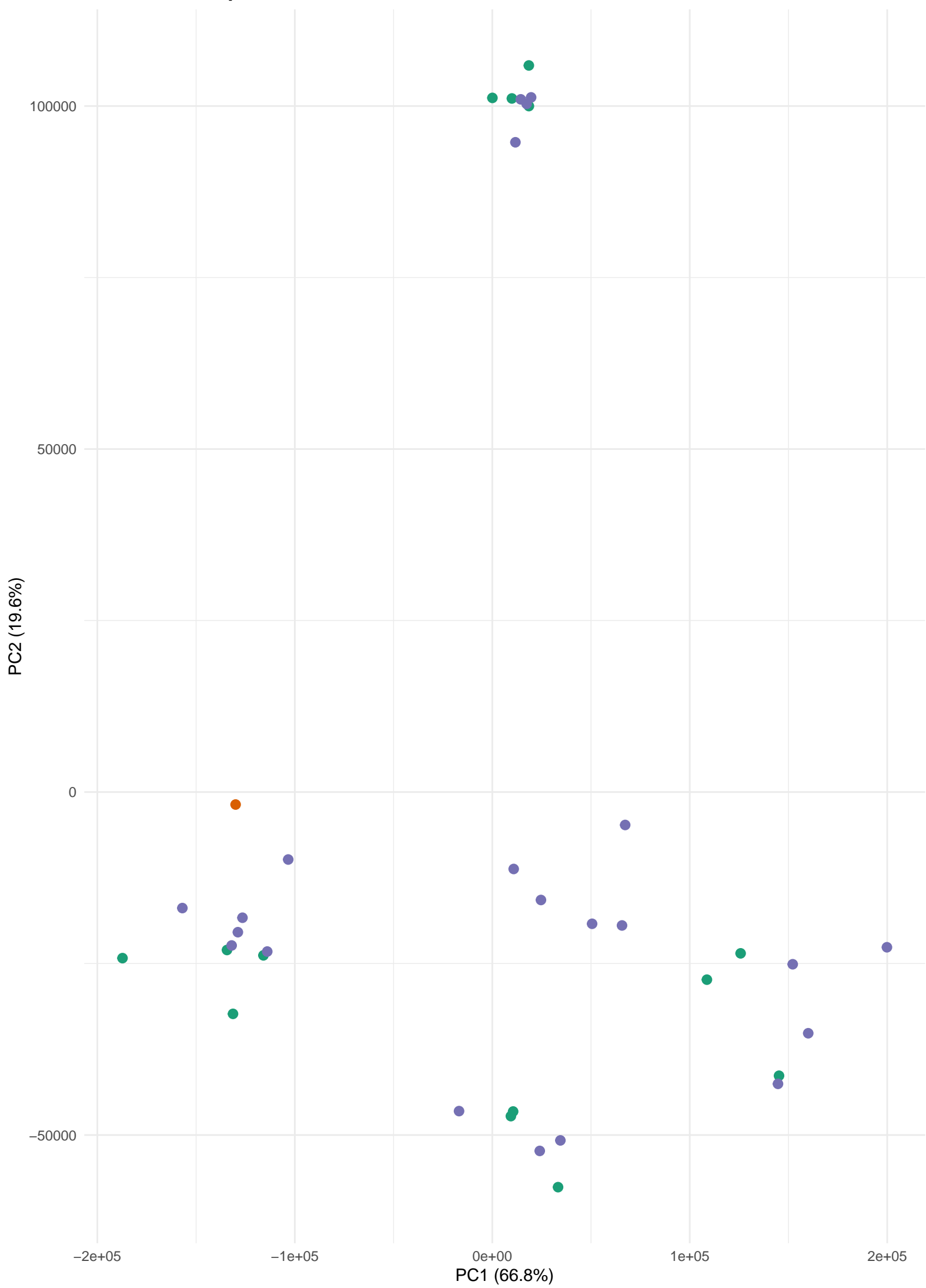
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● unknown	● unknown 89154913-658e-46d8-be8d-81961eb89c07	● unknown f76edb4e-8305-4b55-b0bf-94b537e504c5



PCA por harmonized donor life stage uncorrected automated experiments RNA.Seq mRNA.S

harmonized donor life stage uncorrected automated experiments RNA.Seq mRNA.Seq

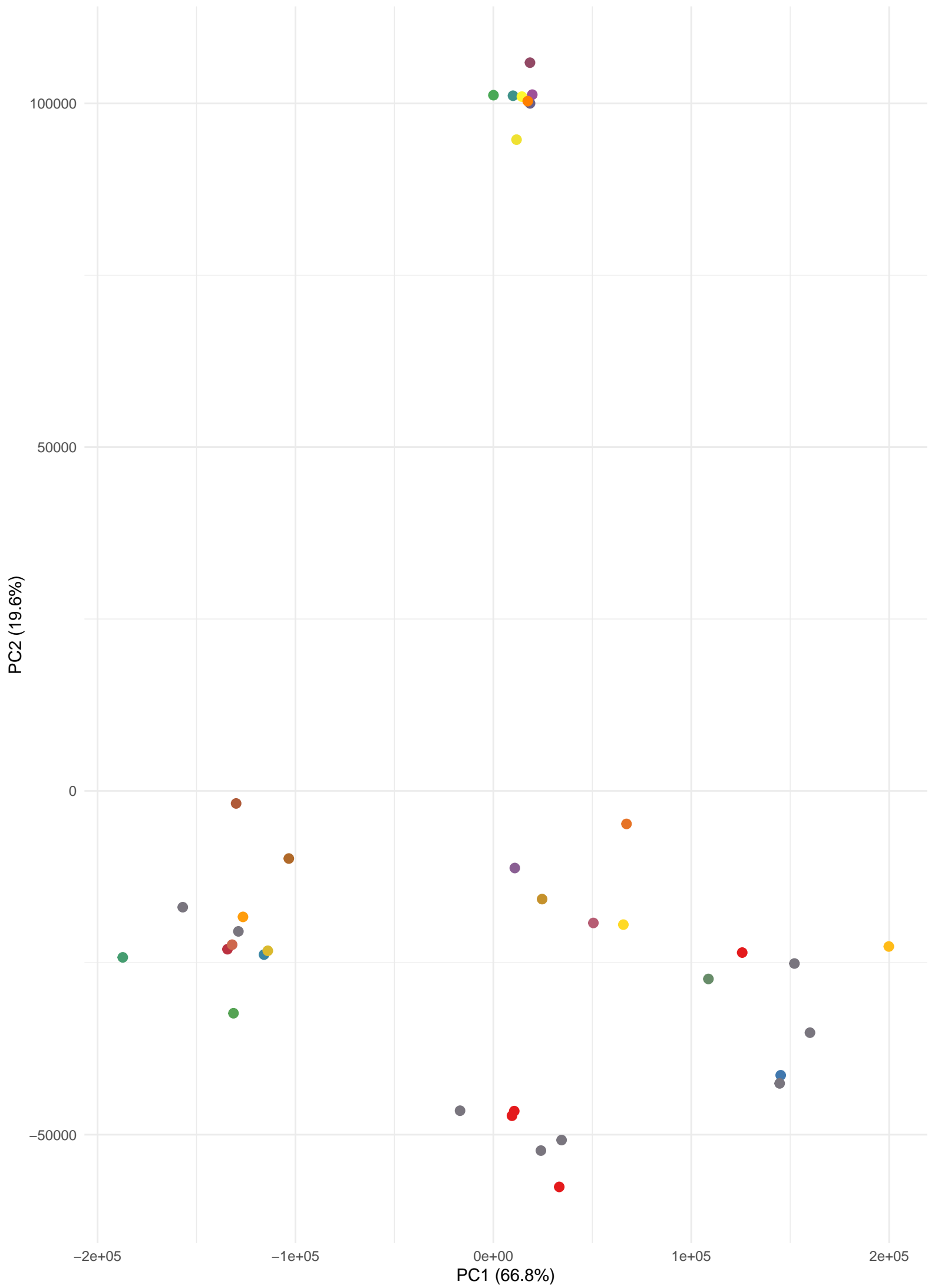
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unknown	unknown a7c5b6e6-b037-436d-8a86-f4cf9b7471c1	unknown d4a24721-dc66-4056-a9eb-693beae9b598




























PCA por harmonized donor sex harmonized donor sex uncorrected



harmonized donor sex harmonized donor sex uncorrected  female female  male female  male male



























PCA por harmonized donor sex automated experiments ChIP.Seq H3K27ac



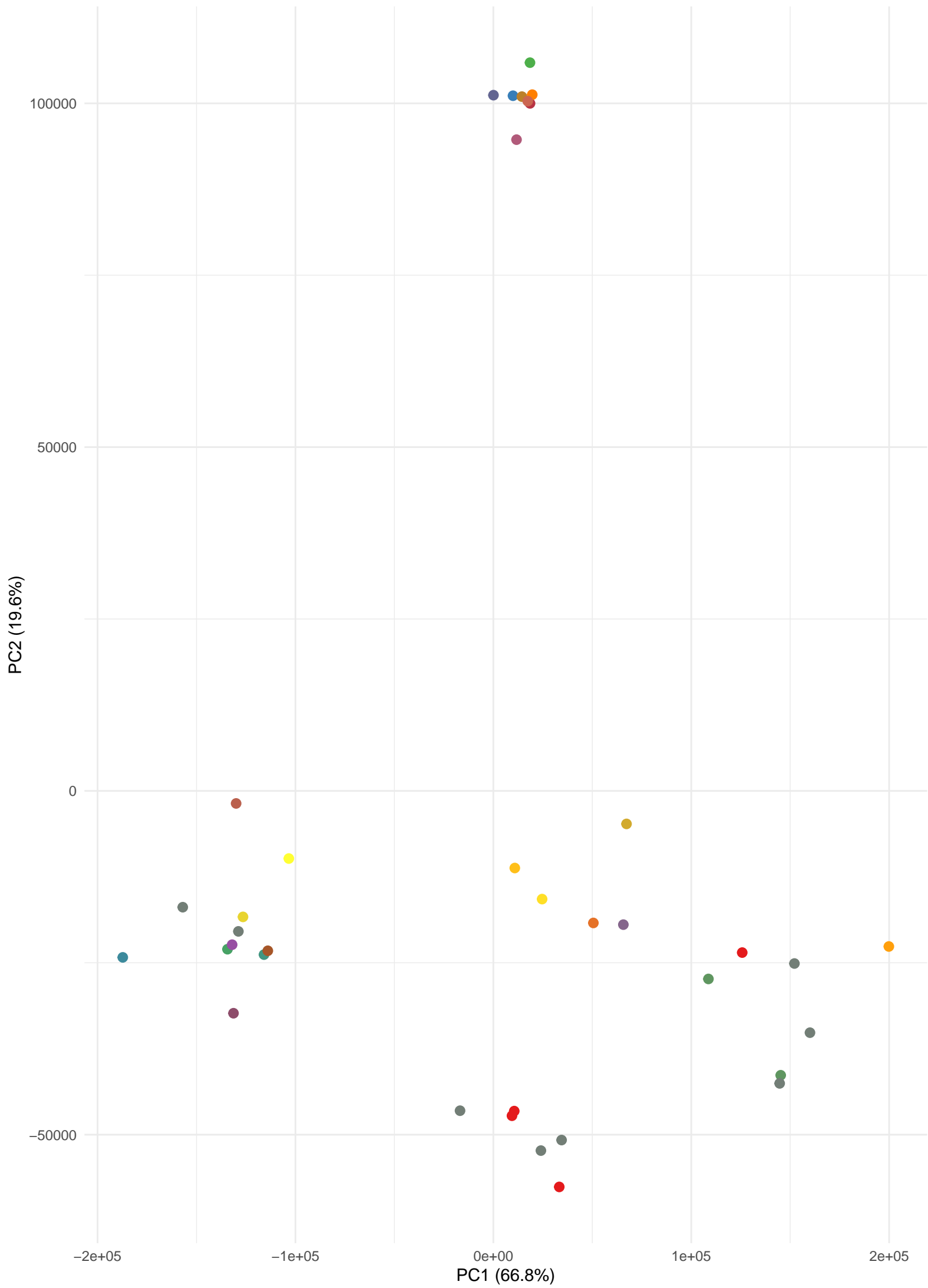
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		female 433bc629-750b-4674-bbb1-9759454f2728		male 2c3a006d-4902-4554-a0ba-f4040c3979e5		male b164f810-2e27-4827-b5c8-f5006a5eea9e
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		female a976fdae-f5dd-439a-80ce-578a0400ca86		male 87217a77-af17-4375-b2cb-d5433d7630b0		male d7bae694-a963-49c0-91a4-12894b97ce77
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PCA por harmonized donor sex automated experiments ChIP.Seq H3K27me3



























harmonized donor sex automated experiments ChIP.Seq H3K27me3

	female		female imputed		male 73056630-65cd-44da-94ab-6886ae9d01cc
	female 4a5cfc14-4daf-4d77-9a82-2b790575203a		male		male 87d6d4cc-d709-448c-855d-51ab38c2c5f0
	female 7b485c8e-2ba6-4ba4-bb0c-5db4ffb286e5		male 0acd5931-0b73-476b-8e24-3d3f33e51c4f		male acc389c8-306d-460f-95cb-548ca499e7e9
	female 83b0b921-e0bc-4aa4-a2f0-7efee9bf544b		male 10501a10-327b-4601-8d8d-0d0bc776bb15		male ad699f10-b9f0-4846-a1ea-444c5fe468b
	female 9cd12c10-316c-45d2-aded-5ea53e80f354		male 165f7781-9b32-4127-9b7e-a3c22e1d8bc5		male b966e498-d9a0-444f-86dc-2c73303063dc
	female b023ec65-be95-4de5-9819-d9f875a6d3d4		male 2619468f-904f-46bd-8da3-9c85fdeceff5		male f83f1262-12e2-4b8d-b11c-8637f8303ed6
	female c103ff2c-a6eb-4f1b-a426-7944eb0db1a5		male 416699f9-7423-4550-be49-8f02faa2b0d5		male fd09db81-b70e-42c7-a7a4-5b21da281b0c
	female c8466bde-130e-4c84-b299-b3eb4c8abdc7		male 53d89d9f-5949-4ffc-a0f7-bbac9f0fea51		male imputed
	female d70df12a-56c6-409a-9efd-6ac48fef39f8		male 5458814b-5fa1-4409-81d6-3110fe5029f7		

PCA por harmonized donor sex automated experiments ChIP.Seq H3K36me3



harmonized donor sex automated experiments ChIP.Seq H3K36me3

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	female 510139c3-77ab-4865-bfdf-41696f4f603b		male 03a5399b-8198-4c5d-9733-643e52230ded		male 78afa2e5-5711-4b0e-8724-55134969481b
	female 8d5b3081-225e-438e-b618-c17adc495516		male 0efb30a1-ec4a-41e3-8cd9-c8f03f347482		male 7ba479df-2d75-4a21-a2dc-30d87eedc37a
	female b5663e0a-6a83-45b1-ab56-04d7ac22eee1		male 10d36a04-e044-4c40-9b45-3ef18c963298		male 9f5e6354-a818-4c74-a982-f5d683781afe
	female dfc63e95-4862-4384-a735-dc9483aed805		male 1c0d18ed-c4d2-41ac-9e17-5a303f7f990f		male b2cdf16a-9055-4734-b0ff-eb0714415e6a
	female e9ec476a-ba27-4442-9d25-8e1fc0abb738		male 214d1f33-bcb6-4ac8-b4dd-0158df3742ae		male baf1b6b5-9e66-42d1-907a-07181459kd3c
	female eeae79e0-ee5e-42e1-9f29-f42824b74440		male 248d0803-44a8-4240-ab7f-e2ff74839d74		male f239d3f1-9d11-4bf4-aece-ad23d5390811
	female fad9bc04-0bdc-4657-b500-fd85f0e8342e		male 43a724cd-c3b0-46db-9b56-bc285ebfa0a4		

PCA por harmonized donor sex automated experiments ChIP.Seq H3K4me1

harmonized donor sex automated experiments ChIP.Seq H3K4me1

- female

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female 18017a46-582b-4ce3-bfb4-e75efa17aec2

female 39d08846-3228-45c0-bd7e-10e6a5452dea

female a3c721fe-088e-4da8-972b-3d6efe322bd3

female bbe0fcdd-1f38-4b05-9389-41cc4d505f6b

female bff43e30-3898-49cc-b008-9b0dc8f55c5c

female c56fb850-5356-4ade-95b8-b00dc069d5ee

female c58e2138-e12f-4d11-9ec1-2028a8e702b
- female c6514d1f-f7d6-47e3-b3e7-3a9905e2253b

female ec42c011-831b-49c5-9977-34d991e095bb

male

male 0b0c5786-e084-4954-a96f-72d7a88b913e

male 157e52bc-84ef-4d37-b10e-cb4efc6ff94d

male 2c79bca0-4ffc-465a-9643-ae105e9920dd

male 630bb3ae-2002-42b3-97d8-83059d35c603

male 856e5189-b10a-47ac-b38e-4f26c4b023ef

male 93858f63-89ca-4fc1-b09c-156027aebc3c
- male 986cff92-5d42-4625-83db-98aad85f151e

male 9f15cdcc-7468-4a84-87ee-af65c5fba810

male b55212c4-278a-46e6-a914-7321e68a657d

male baca5345-ebfb-42c5-84f7-5edc7dd83347

male cee73cdb-e806-4f6a-ad30-ab01efc5dd22

male d0e9d2b8-31ed-4f18-8f4f-ade1dc88724d

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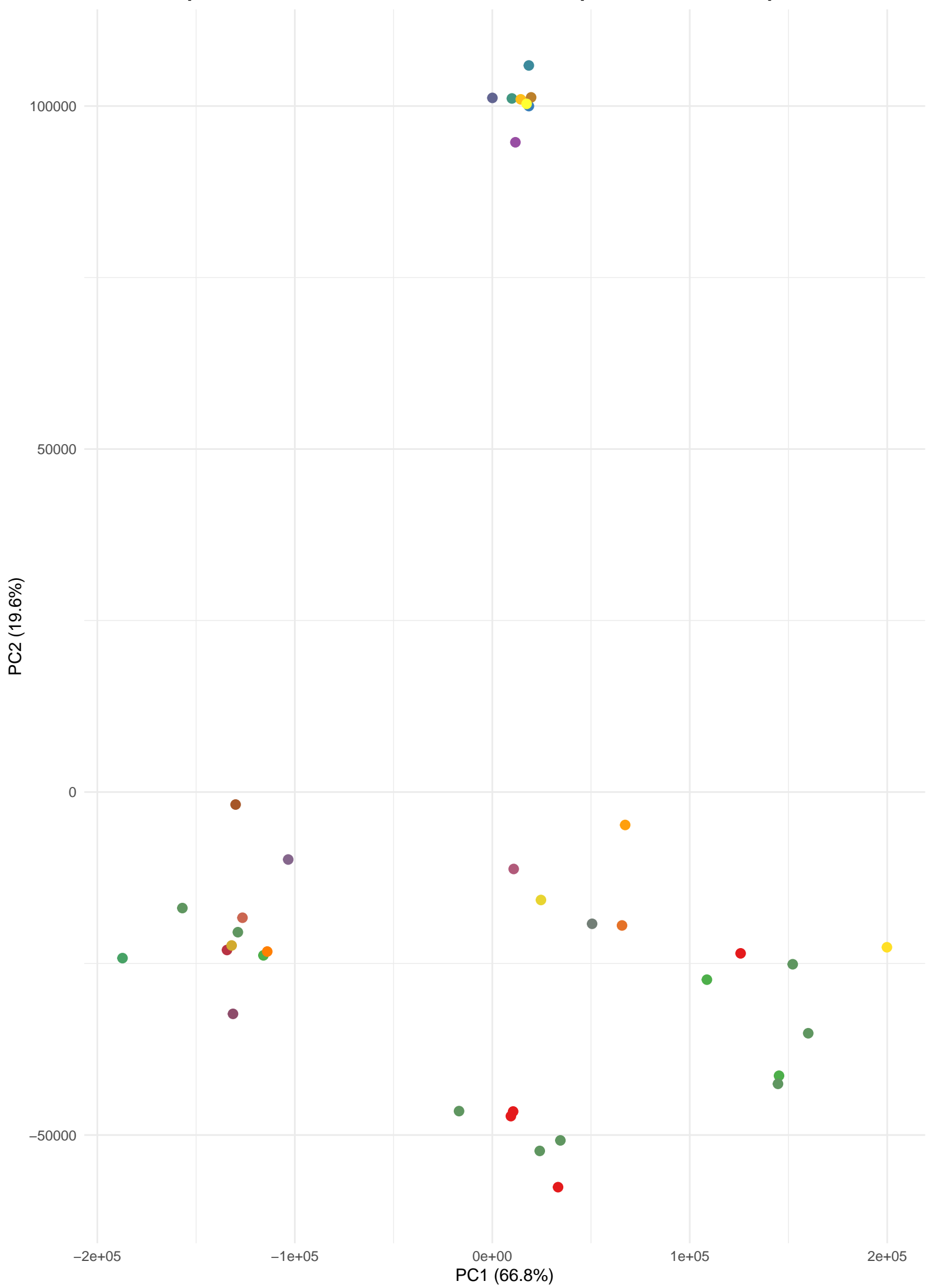
male imputed

PCA por harmonized donor sex automated experiments ChIP.Seq H3K4me3
























harmonized donor sex automated experiments ChIP.Seq H3K4me3

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● female 3d357458-dac4-46c8-9503-75e624ca3151	● female d1f4129b-e6ff-405f-b3b6-109916a68dc5	● male a52cd623-a184-4ce6-8066-ac70ff355274
● female 439fb477-565a-4b82-aale-9e994142714a	● male	● male b39bd01e-3692-461c-860c-2c0569187cd6
● female 496e2776-f949-46e9-b8e0-128b76bd9973	● male 44c273dc-24c7-4e79-b228-7ff7c6ee7d07	● male bc704cb6-f394-4a6d-8ba1-6481c2b4d10c
● female 5bed80d6-eb1b-4fb5-93cf-fb84cc149a27	● male 4be19dac-925e-41ed-a10e-e655699d9860	● male bfc2b274-c20f-442d-8122-50773b141fdb
● female 62fa2045-d9f3-4558-b7a5-d28794180b9a	● male 572015db-a516-4eed-8b5a-e618b75e15df	● male c1fee8a1-8e98-40e9-a12f-8704d30f2e67
● female 83061f51-ee60-414a-8d1a-f39f15277497	● male 5faf25b7-5b6a-4afc-97ea-2be45d35d279	● male c463eafa-ded1-4a7b-ab31-187e5f8f0b63
● female 89836fcc-e8df-40b9-ae22-e9fdca288170	● male 6dfa680d-8376-4b60-8c1f-da208b5f4900	● male c9963a54-6a2b-4612-99dc-6250ce6e822f
● female 8ee0a04a-5612-416e-ac66-d602a8924e09	● male 7a0eab6c-12cc-401e-88c5-dd56ded2f99e	● male cd34de67-c526-40fb-aa45-62b2369a1b8a

PCA por harmonized donor sex automated experiments ChIP.Seq H3K9me3



harmonized donor sex automated experiments ChIP.Seq H3K9me3

- | | | |
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|  female 153650ef-7ef6-43cd-b5dc-cf062deb8afd |  male 1726d2d4-326e-4dc2-912a-cee3015ea75f |  male 91e9ef78-52b0-44be-b463-2c4d06233b83 |
|  female 409fca32-3c80-4968-819f-d774f10df209 |  male 1d49e429-7d54-40c1-a965-968c057abf12 |  male 9c54dc88-50cd-4207-80de-15a482501404 |
|  female 531c01db-d7ec-4377-be41-51b3cab349a9 |  male 24e1c000-860b-414c-8a5a-cb73e98c0c6a |  male ab339ba6-8e79-4160-a042-90f773410cae |
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|  female 94ad3781-f8aa-4d56-830a-df16a910858c |  male 6d2c1eb1-64cd-4b80-95ec-5404bd3906e9 |  male b96d5c84-a138-4fe2-8971-713e73270893 |
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|  female ad6f214b-6bc2-494d-ba70-0c0eed50632c |  male 859b49cb-ac61-48c4-a1ad-a49ca139de17 | |
|  female imputed |  male 8f8990bc-bdfc-474d-b52f-20c0591d22d2 | |

PCA por harmonized donor sex automated experiments WGBS standard

harmonized donor sex automated experiments WGBS standard

- female
- female 0cc882b9-8b8a-47a0-a3b9-c7e93a064919
- female 4a59e98c-3e26-4804-b7ba-03988d438f13
- female 5c4e62a5-7f52-4d66-a91f-b23c7611212e
- female 6bc6f0c2-79ba-4bae-bd7d-f0e99697d044
- female ab7cb639-ecd3-42ac-8ad6-849b1c3925e0
- female cd60d225-f45f-4d16-98f2-5d3ec24845a6
- female fadda90c-701d-4d69-b4ae-9a9af8d0c915

●

female fe8c5f2b-ecd9-4169-ba89-b52097de9963

●

female imputed

●

male

●

male 150f6503-c7ab-44fb-a903-ebf1b17b2625

●

male 182c7e63-941c-448e-9a84-d75fe1647c26

●

male 42f5ce34-deb7-4ac0-b9e4-302f2814e3a0

●

male 5268e353-f434-412e-8299-ac0cca9ebf82

●

male 73f81a47-8c88-47c5-8e6c-3a5578301c24

●

male 772f8c24-349d-411e-89ee-365ee8b061d3

●

male 8624b7b6-5098-4bc9-aba9-d1cd2aa655bd

●

male 8e67dc03-9ec7-44ad-b29e-5f8ae6fd6378

●

male a713bee9-910c-48a7-80c9-37560c997dae

●

male e1c8805b-c7d8-432c-a71f-ce99c406384e

●

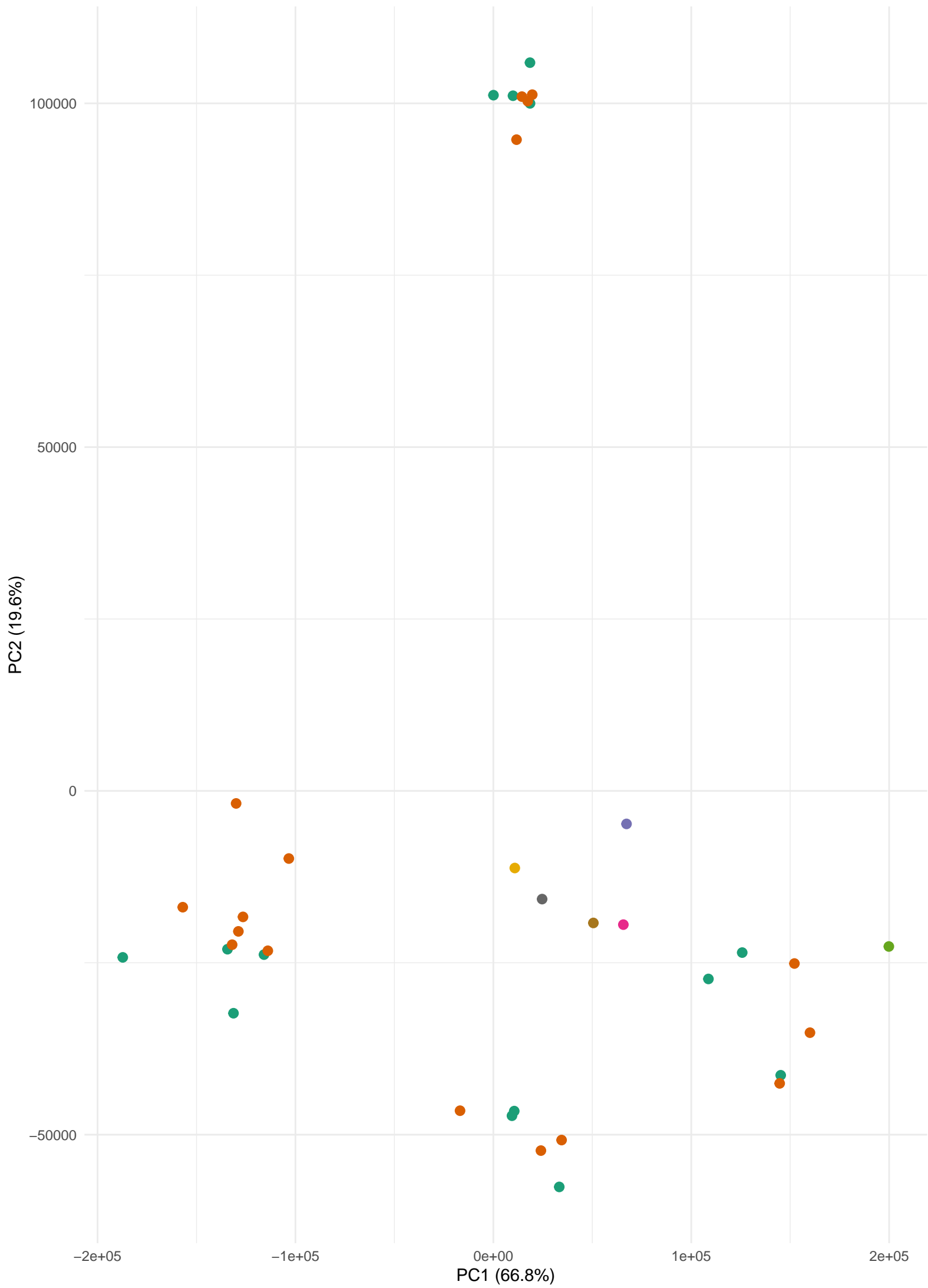
male imputed

PCA por harmonized donor sex automated experiments WGBS PBAT

harmonized donor sex automated experiments WGBS PBAT

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 male	 male 89154913-658e-46d8-be8d-81961eb89c07	 male f76edb4e-8305-4b55-b0bf-94b537e504c5
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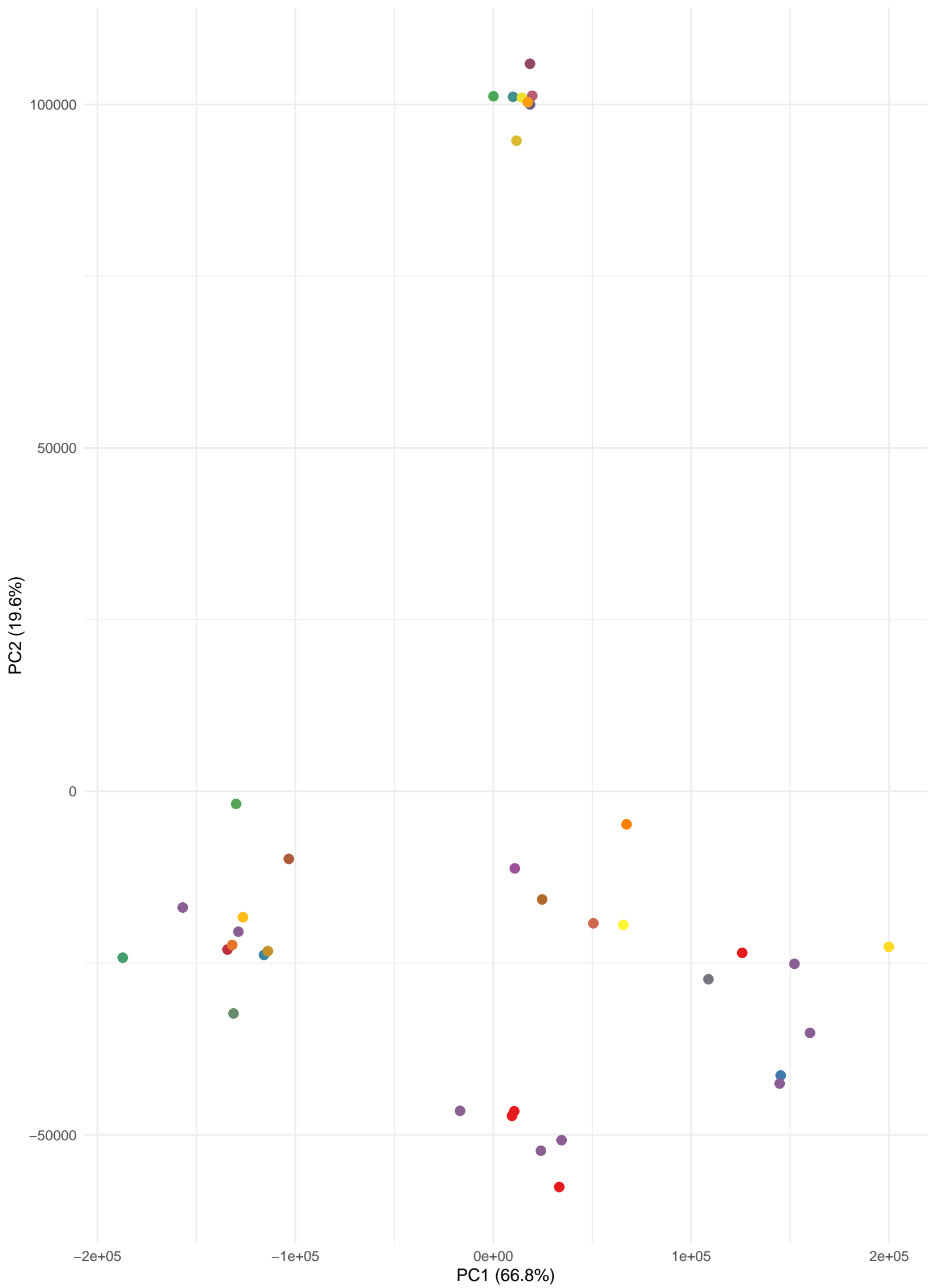
PCA por harmonized donor sex automated experiments RNA.Seq mRNA.Seq



harmonized donor sex automated experiments RNA.Seq mRNA.Seq

- female
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- male d0b71437-bc21-4f38-bc23-358d545987c
- male a7c5b6e6-b037-436d-8a86-14cf9b7471c1
- male d4a24721-dc66-4056-a9eb-693beae9b598
- male 42711739-180f-473c-8ff7-14a795560fcd
- male c56a86f7-91a0-4989-a8ca-04a3ac0b0bbe

PCA por harmonized donor sex uncorrected automated experiments ChIP.Seq H3K27ac



harmonized donor sex uncorrected automated experiments ChIP.Seq H3K27ac

- female

● female 21204e63-5580-42b6-aaaf-3888daa8192c

● female 3d6a9515-43c7-44fc-85d7-9f3ee3c4083d

● female 433bc629-750b-4674-bbb1-9759454f2728

● female 482731ca-3e9c-4d2c-8f58-b7fbaeabdf16

● female 6767ca98-deae-49f6-b4ac-75d0144cef28

● female 6de3a207-ef97-4cbc-a25e-5966bc51a6e1

● female a976fdae-f5dd-439a-80ce-578a0400ca86

● female c7277a95-3c87-4ff4-8d24-2adf03b194fd
- female e6c68a5d-37e7-47a6-8c62-20a8e3b053f3

● female f772e0ed-3f12-40ea-ab1e-c5e10f8d62d8

● female fbd553da-2abb-44c5-8840-6fb61a0caadc

● male

● male 2c3a006d-4902-4554-a0ba-f4040c3979e5

● male 2e1ab747-5c43-4469-97d5-a2e674bc3ee6

● male 30aebd5d-55b8-4958-834c-27c8c0a165bb

● male 7a04d905-73a0-4079-9968-67c3833836fc

● male 87217a77-af17-4375-b2cb-d5433d7630b0
- male 90c9bd75-e378-4adf-8726-9bc0261986e3

● male 9cc4804f-5850-46a5-b627-ca441aa97c73

● male 9f989b17-6131-4e53-a04c-2c3b0ade703c

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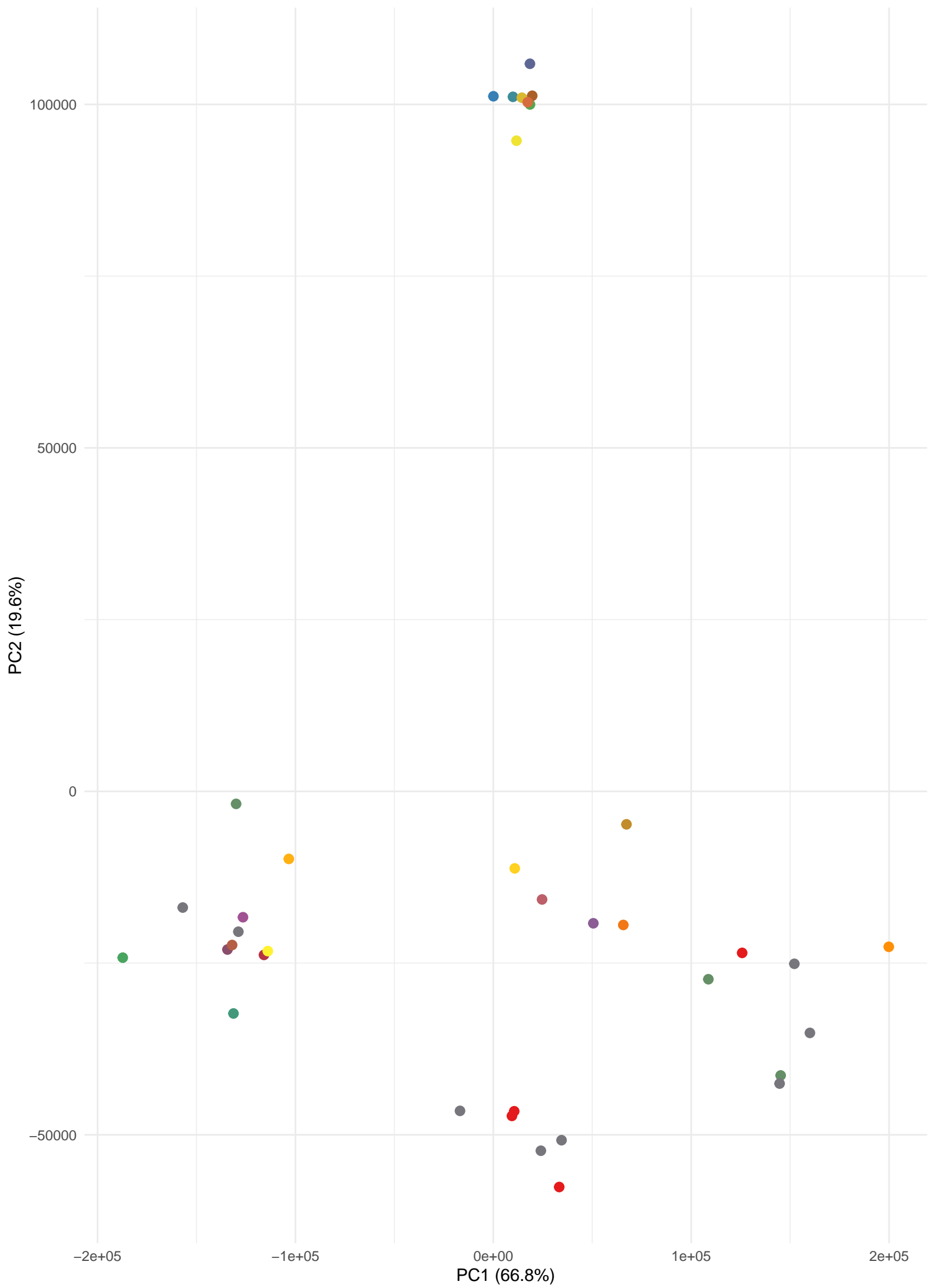
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● male cbf21cc3-59bc-4d31-8242-16b6ee9a92b5


























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● male d7bae694-a963-49c0-91a4-12894b97ce77

PCA por harmonized donor sex uncorrected automated experiments ChIP.Seq H3K27me3



harmonized donor sex uncorrected automated experiments ChIP.Seq H3K27me3

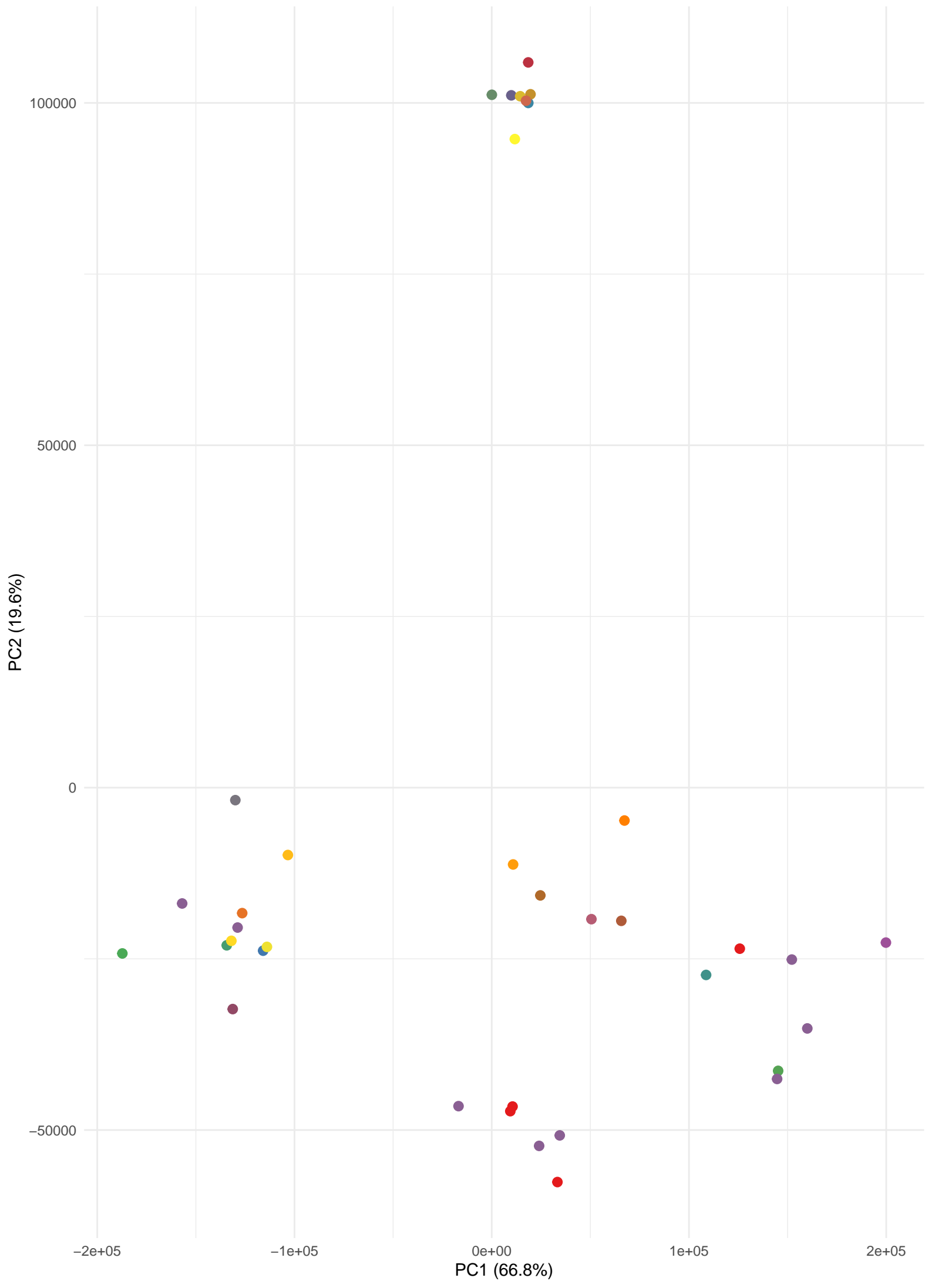
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	female 7b485c8e-2ba6-4ba4-bb0c-5db4ffb286e5		male 0acd5931-0b73-476b-8e24-3d3f33e51c4f		male acc389c8-306d-460f-95cb-548ca498e7e9
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	female 9cf12c10-316c-45d2-aded-5ea53e80f354		male 165f7781-9b32-4127-9b7e-a3c22e1d8bc5		male b966e498-d9a0-444f-86dc-2c73303063dc
	female b023ec65-be95-4de5-9819-d9f875a6d3d4		male 2619468f-904f-46bd-8da3-9c85fdeceff5		male f83f1262-12e2-4b8d-b11c-8637f8303ed6
	female c103ff2c-a6eb-4f1b-a426-7944eb0db1a5		male 416699f9-7423-4550-be49-8f02faa2b0d5		male fd09db81-b70e-42c7-a7a4-5b21da281b0c
	female c8466bde-130e-4c84-b299-b3eb4c8abdc7		male 53d89d9f-5949-4fc0-a0f7-bbac9f0fea51		
	female d70df12a-56c6-409a-9efd-6ac48fef39f8		male 5458814b-5fa1-4409-81d6-3110fe5029f7		

PCA por harmonized donor sex uncorrected automated experiments ChIP.Seq H3K36me3

harmonized donor sex uncorrected automated experiments ChIP.Seq H3K36me3

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| female | female fad9bc04-0bdc-4657-b500-fd85f0e8342e | male 43a724cd-c3b0-46db-9b56-bc285efa0a4 |
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| female 510139c3-77ab-4865-bfdf-41696f4f603b | male | male 5d44418c-818f-4534-8844-0d0e8e0143a7 |
| female 8d5b3081-225e-438e-b618-c17adc495516 | male 03a5399b-8198-4c5d-9733-643e52230ded | male 78afa2e5-5711-4b0e-8724-55134969a81b |
| female b5663e0a-6a83-45b1-ab56-04d7ac22eee1 | male 0e1b30a1-ec4a-41e3-8cd9-c8f03f347482 | male 7ba479df-2d75-4a21-a2dc-30d87eedc37a |
| female dfc63e95-4862-4384-a735-dc9483aed805 | male 10d36a04-e044-4c40-9b45-3ef18c963298 | male 9f5e6354-a818-4c74-a982-f5d683781afe |
| female e9ec476a-ba27-4442-9d25-9e1fc0abb738 | male 1c0d18ed-c4d2-41ac-9e17-5a3037f990f | male b2cdf16a-9055-4734-b0ff-eb0714415e6a |
| female eeae79e0-ee5e-42e1-9f29-f42824b74440 | male 214d1f33-bcb6-4ac8-b4dd-0158df3742ae | male baf1b6b5-96f6-42d1-907a-07181459fd3c |
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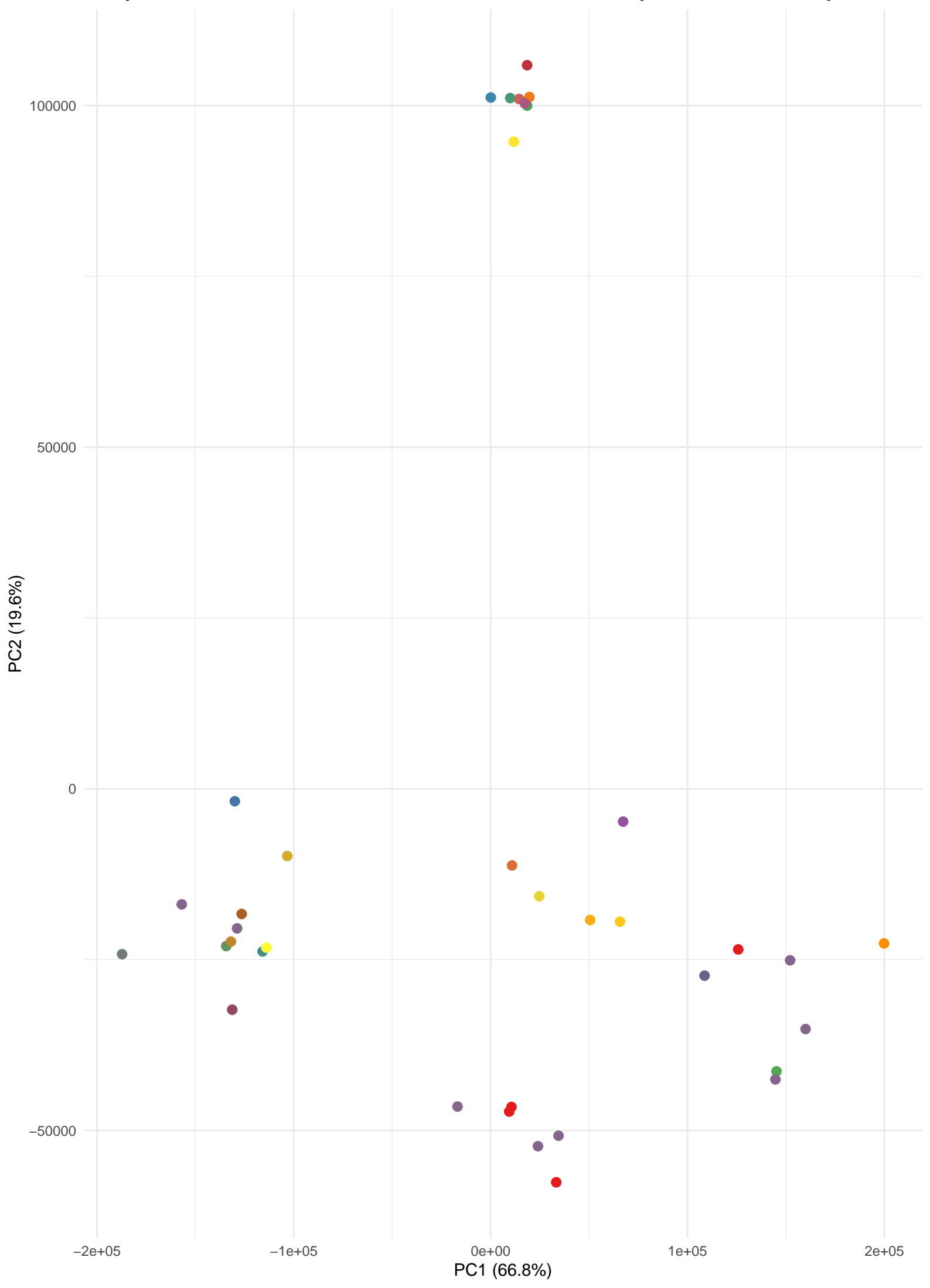
PCA por harmonized donor sex uncorrected automated experiments ChIP.Seq H3K4me1



harmonized donor sex uncorrected automated experiments ChIP.Seq H3K4me1

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● female 18017a46-582b-4ce3-bfb4-e75efa17aec2	● female imputed	● male 9f15cdcc-7468-4a84-87ee-af65c5fba810
● female 39d08846-3228-45c0-bd7e-10e6a5452dea	● male	● male b55212c4-278a-46e6-a914-7321e68a657d
● female a3c721fe-088e-4da8-972b-3d6efe322bd3	● male 0b0c5786-e084-4954-a96f-72d7a88b913e	● male baca5345-ebfb-42c5-84f7-5edc7d383347
● female bbe0fcdd-1f38-4b05-9389-41cc4d505f6b	● male 157e52bc-84ef-4d37-b10e-cb4efc6ff94d	● male cee73cdb-e806-4f6a-ad30-ab01efc5dd22
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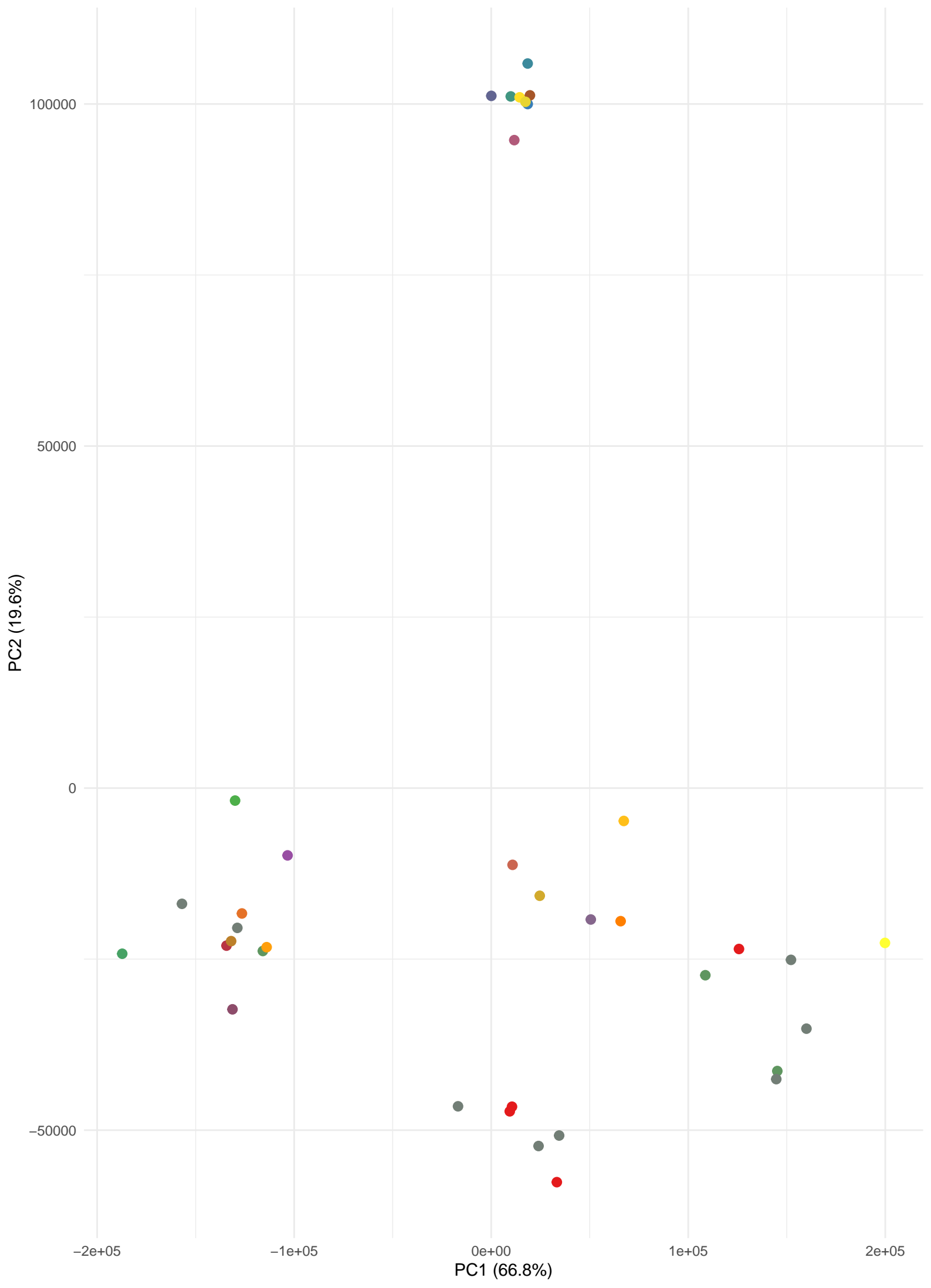
PCA por harmonized donor sex uncorrected automated experiments ChIP.Seq H3K4me3



harmonized donor sex uncorrected automated experiments ChIP.Seq H3K4me3

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female 3d357458-dac4-46c8-9503-75e624ca3151	female bd23c770-d9c3-4fd2-8198-dd9ba0210881	male a52cd623-a184-4ce6-8066-ac70ff355274
female 439fb477-565a-4b82-aafe-9e994f42714a	female d1f4129b-e6ff-405f-b3b6-109916a68dc5	male b39bd01e-3692-461c-860c-2c0569187cd6
female 496e2776-1949-46e9-b8e0-128b76bd9973	male	male bc704cb6-f394-4a6d-8ba1-6481c2b4d10c
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female 5bed90d6-eb1b-4fb5-93cf-ft84cc149a27	male 572015db-a516-4eed-8b5a-e618b75e15df	male c1fee8a1-8e98-40e9-a12f-8704d30f2e67
female 62fa2045-d9f3-4558-b7a5-d28794180b9a	male 5faf25b7-5b6a-4afc-97ea-2be45d35d279	male c463eafa-ded1-4a7b-ab31-187e5f8f0b63
female 83061f51-ee60-414a-8d1a-f39f15277497	male 6dfa680d-8376-4b60-8c1f-da208b5f4900	male c9963a54-6a2b-4612-99dc-6250ce6e822f
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harmonized donor sex uncorrected automated experiments ChIP.Seq H3K9me3

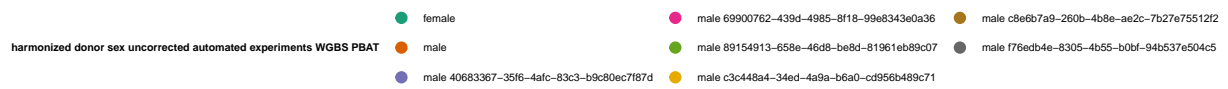
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| ● female 409fce32-3c80-4968-819f-d774f10df209 | ● male 1726d2d4-326e-4dc2-912a-cee3015ea75f | ● male 91e9ef78-52b0-44be-b463-2c4d06233b83 |
| ● female 531c01db-d7ec-4377-be41-51b3cab349a9 | ● male 1d49e429-7d54-40c1-a965-968c057abf12 | ● male 9c54dc88-50cd-4207-80de-15a482501404 |
| ● female 6615446a-840c-42f3-8de3-7683d60a1480 | ● male 24e1c000-860b-414c-8a5a-cb73e98c0c6a | ● male ab339ba6-8e79-4160-a042-90f773410cae |
| ● female 94ad3781-f8aa-4d56-830a-df16a910858c | ● male 560a707c-11f9-456f-9667-23fa8be1b9b6 | ● male b5d4a5b3-a118-48b7-a386-2e56f2330a88 |
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| ● female f8b01218-a3f8-48dc-884c-14b62675daca | ● male 859b49cb-ac61-48c4-a1ad-a49ca139de17 | |

PCA por harmonized donor sex uncorrected automated experiments WGBS standard

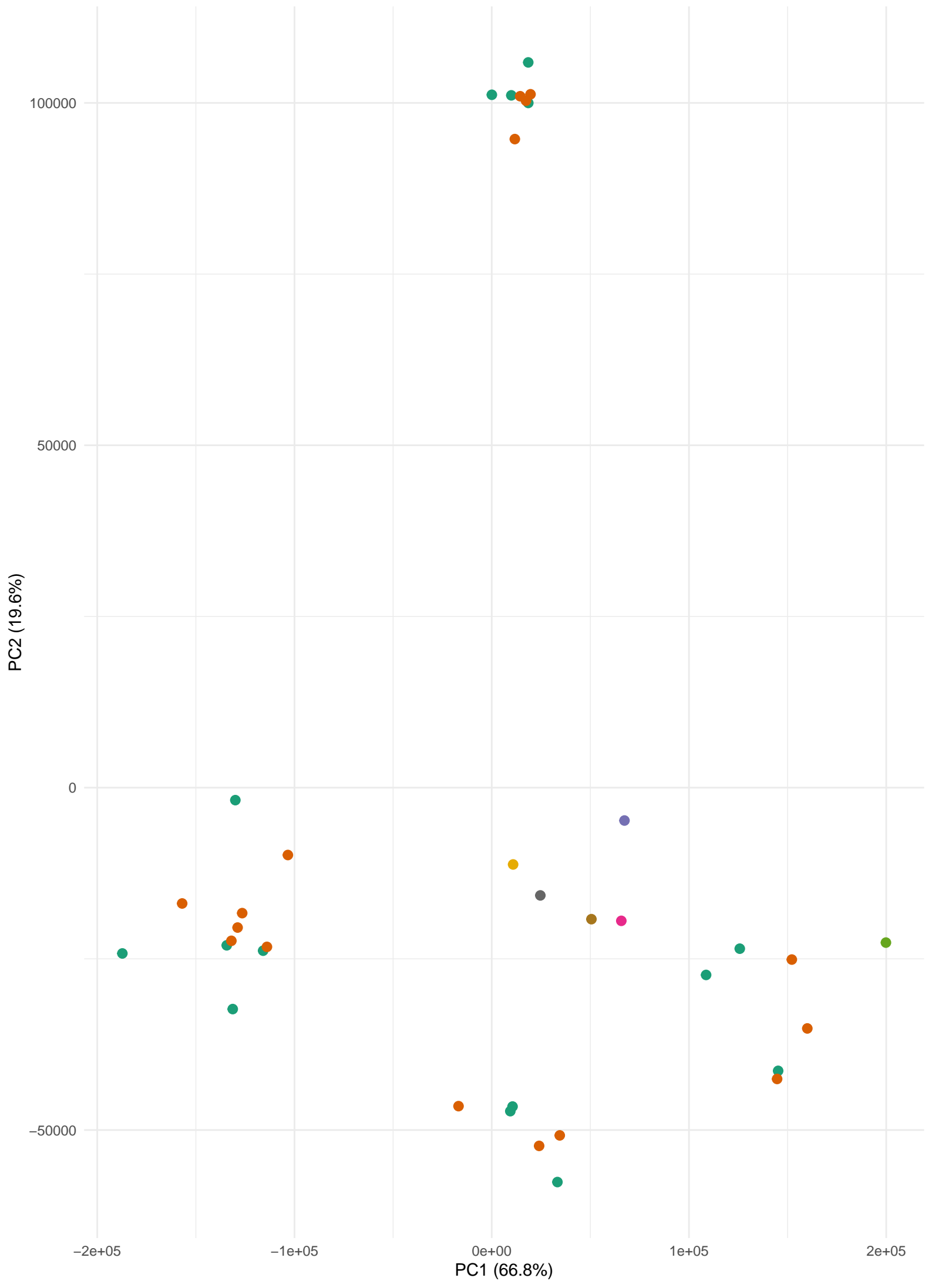
harmonized donor sex uncorrected automated experiments WGBS standard

- | | | |
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|  female 0cc882b9-8b8a-47a0-a3b9-c7e93a064919 |  female fe8c5f2b-ecd9-4169-ba89-b52097de9963 |  male 8624b7b6-5098-4bc9-aba9-d1cd2aa655bd |
|  female 42f5ce34-deb7-4ac0-b9e4-302f2814e3a0 |  female imputed |  male 8e67dc03-9ec7-44ad-b29e-5f8ae6fd6378 |
|  female 4a59e98c-3e26-4804-b7ba-03988d438f13 |  male |  male a713bee9-910c-48a7-80c9-37560c997dae |
|  female 5c4e62a5-7f52-4d66-a91f-b23c7611212e |  male 150f6503-c7ab-44fb-a903-ebf1b17b2625 |  male e1c8805b-c7d8-432c-a71f-ce99c408384e |
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|  female ab7cb639-ecd3-42ac-8ad6-849b1c3925e0 |  male 5268e353-f434-412e-8299-ac0cca9ebf82 | |
|  female cd60d225-f45f-4d16-98f2-5d3ec24845a6 |  male 73f81a47-8c88-47c5-8e6c-3a5578301c24 | |

PCA por harmonized donor sex uncorrected automated experiments WGBS PBAT



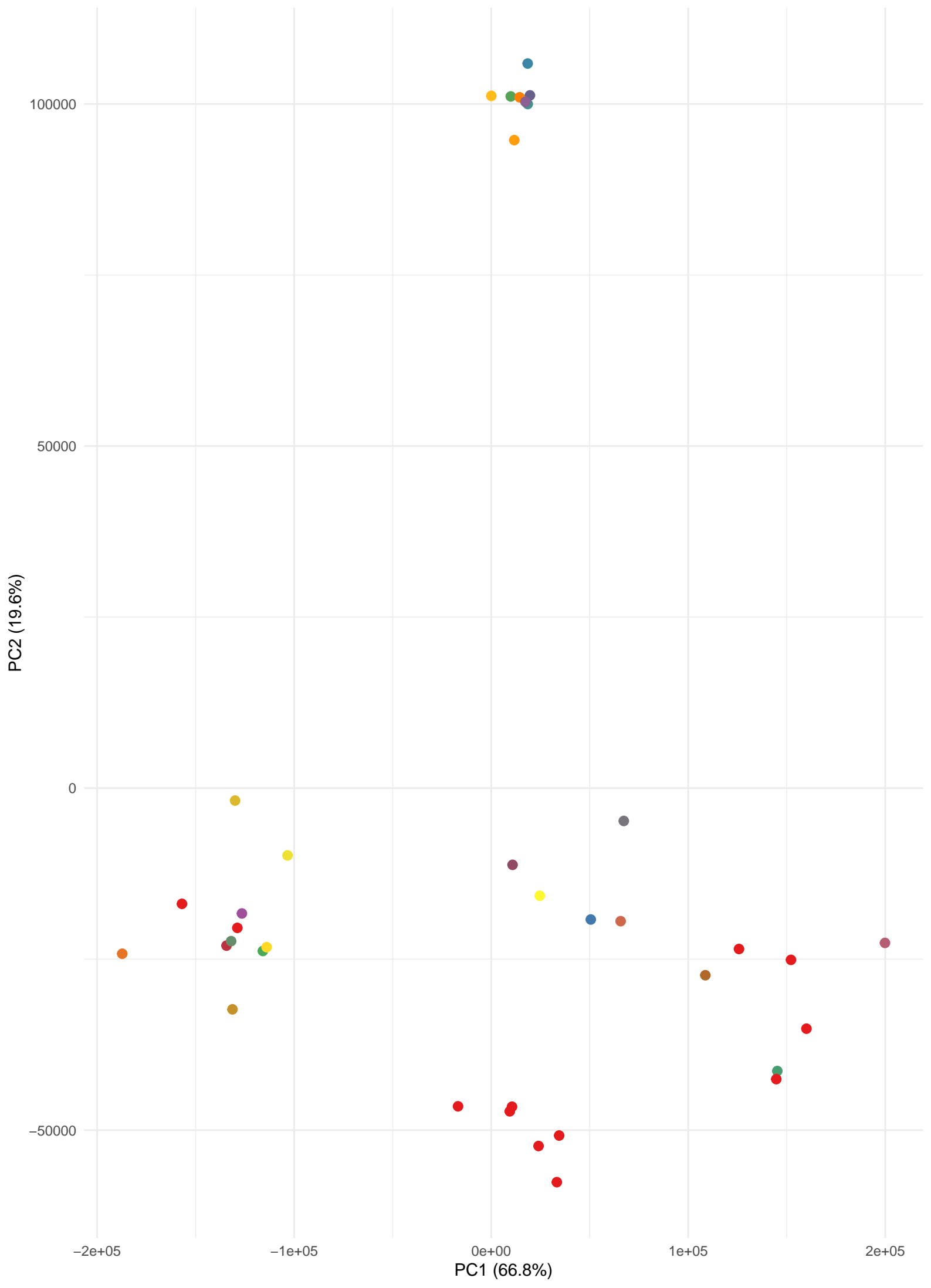
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harmonized donor sex uncorrected automated experiments RNA.Seq mRNA.Seq

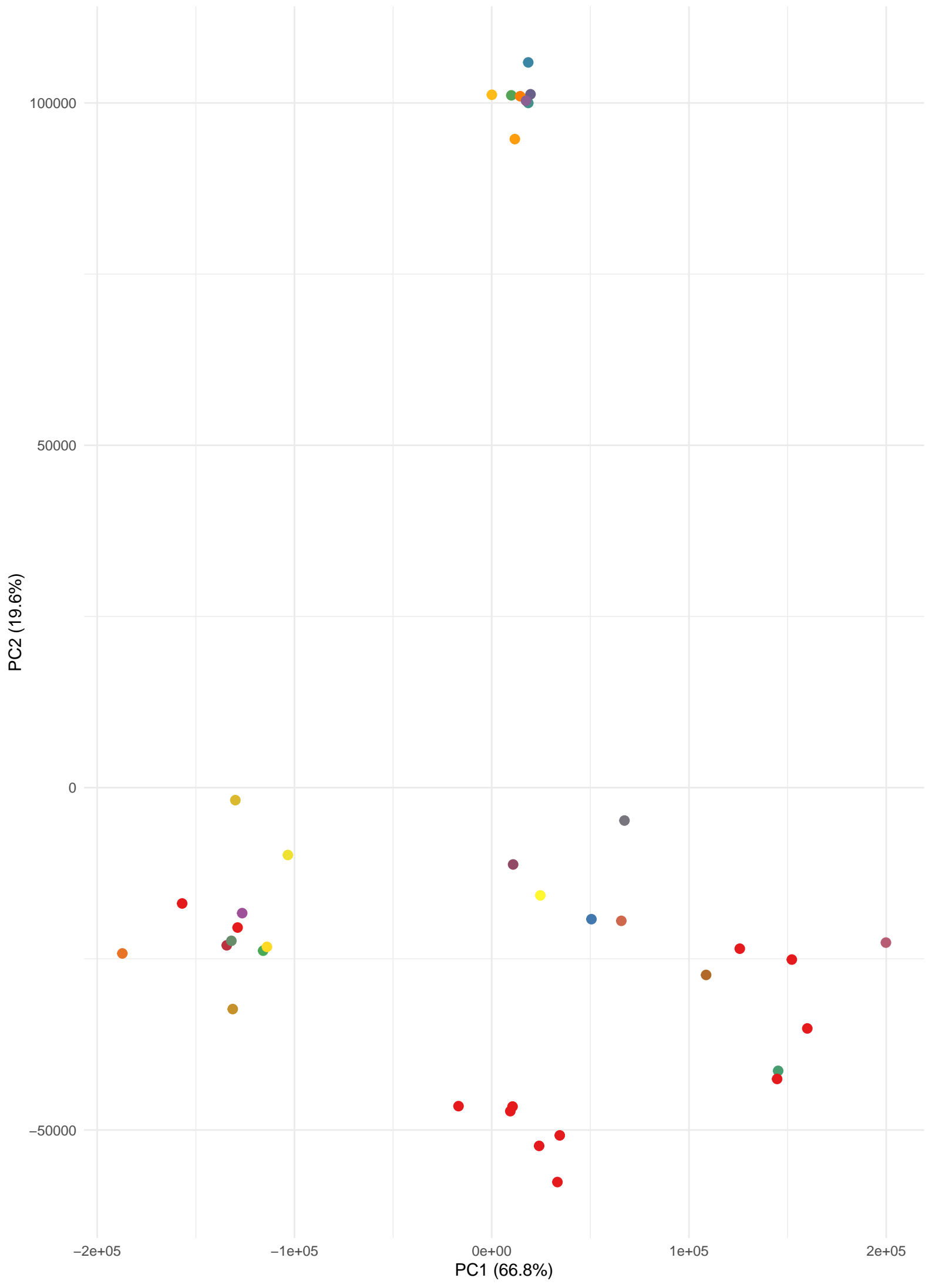
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male 42711739-180f-473c-8ff7-14a795560fcd	male c56a86f7-91a0-4989-a8ca-04a3ac0b0bbe	

PCA por automated experiments ChIP.Seq H3K27ac automated experiments ChIP.Seq H3K27ac

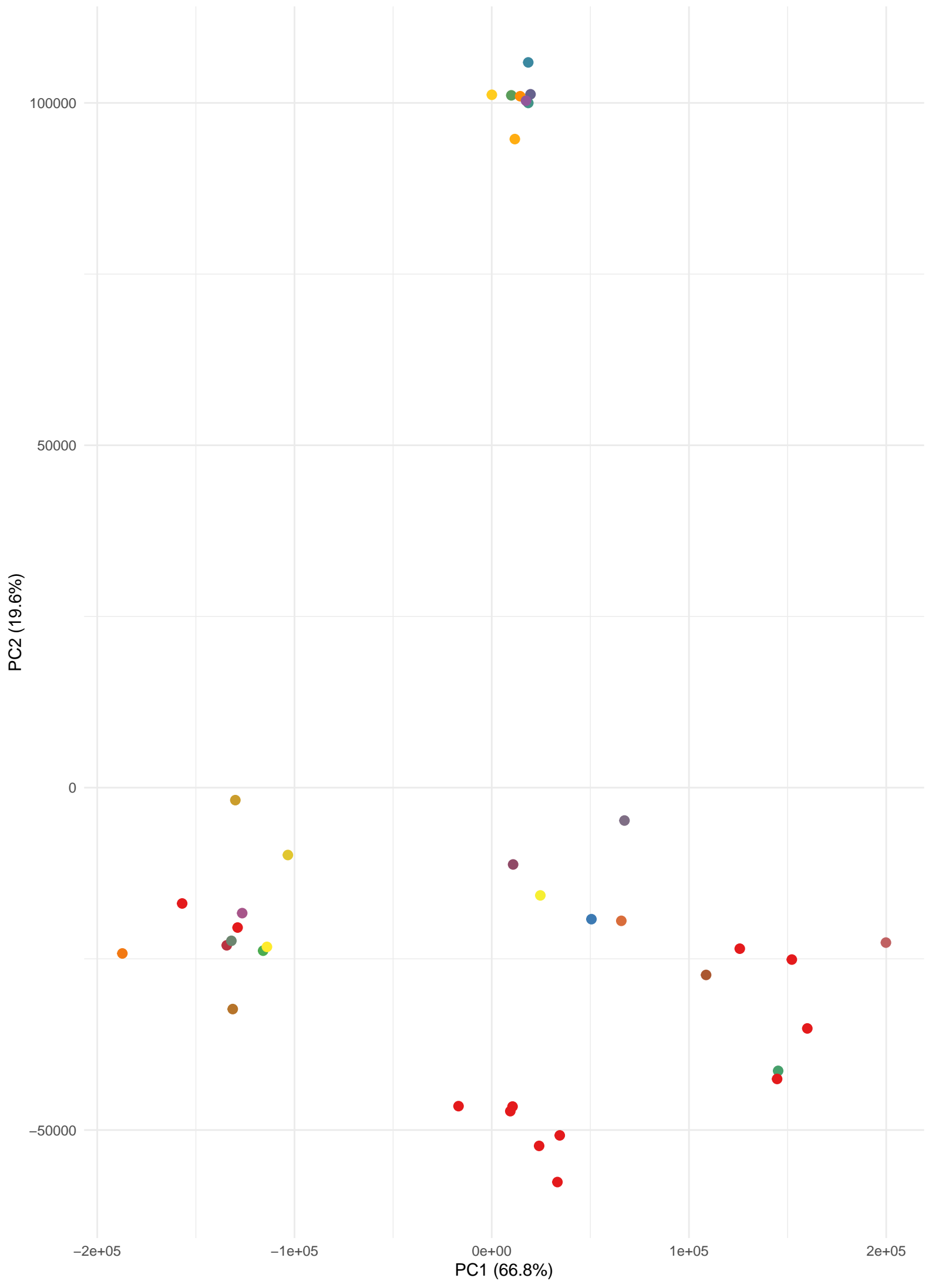


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●	482731ca-3e9c-4d2c-8f58-b7fbaebadf16 imputed	●	a976fdae-f5dd-439a-80ce-578a0400ca86 c8466bde-130e-4c84-b299-b3eb4c8abdc7	●	fbfd53da-2abb-44c5-8840-6fb61a0caadc imputed
●	6767ca98-deae-49f6-b4ac-75d0144cef28 4a5cfc14-4daf-4d77-9a82-2b790575203a	●	b164f810-2e27-4827-b5c8-f5006a5eea9e ad699f10-b9f0-4846-a1ea-444cf5fe468b		

PCA por automated experiments ChIP.Seq H3K27ac automated experiments ChIP.Seq H3K36

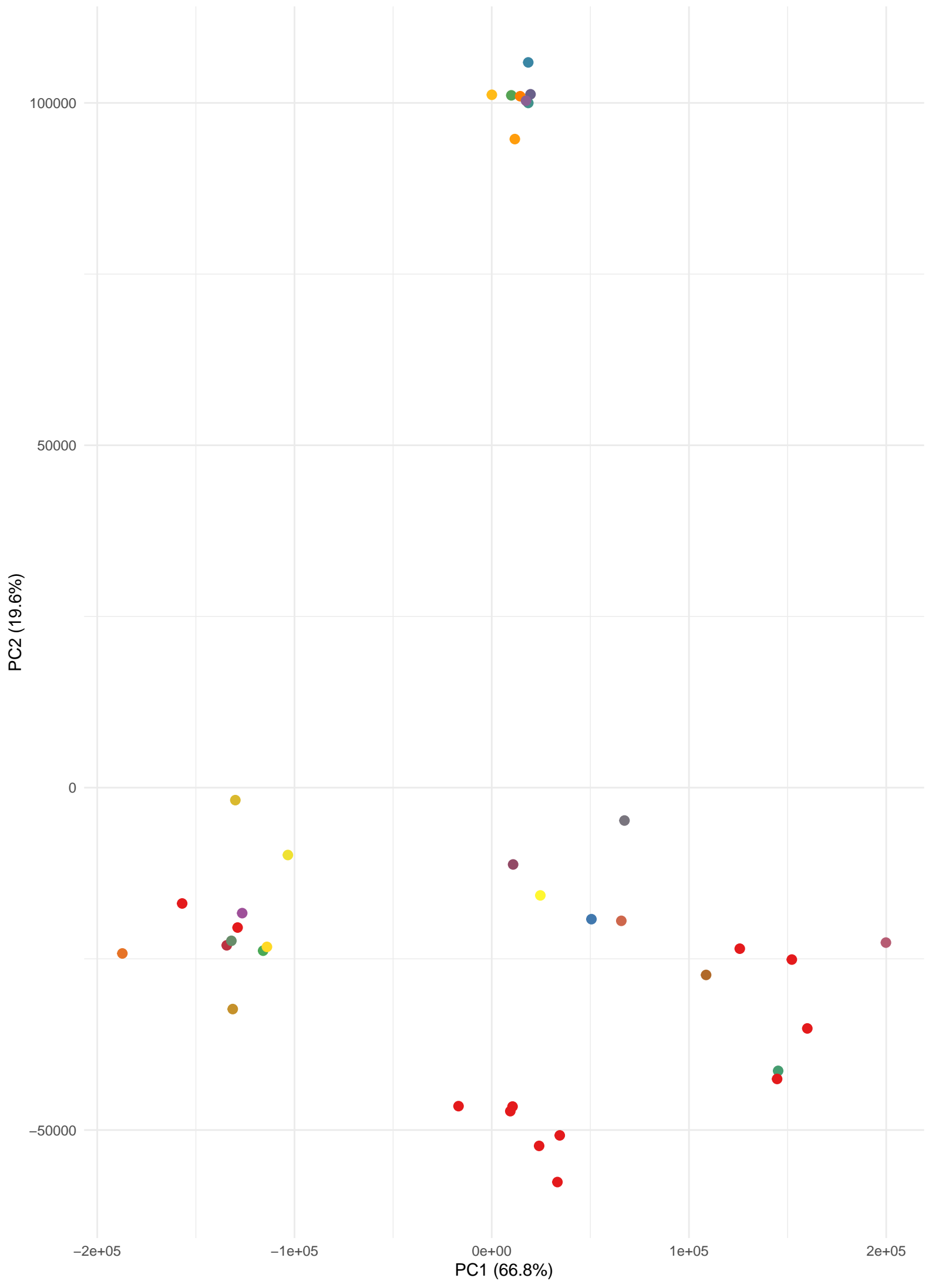


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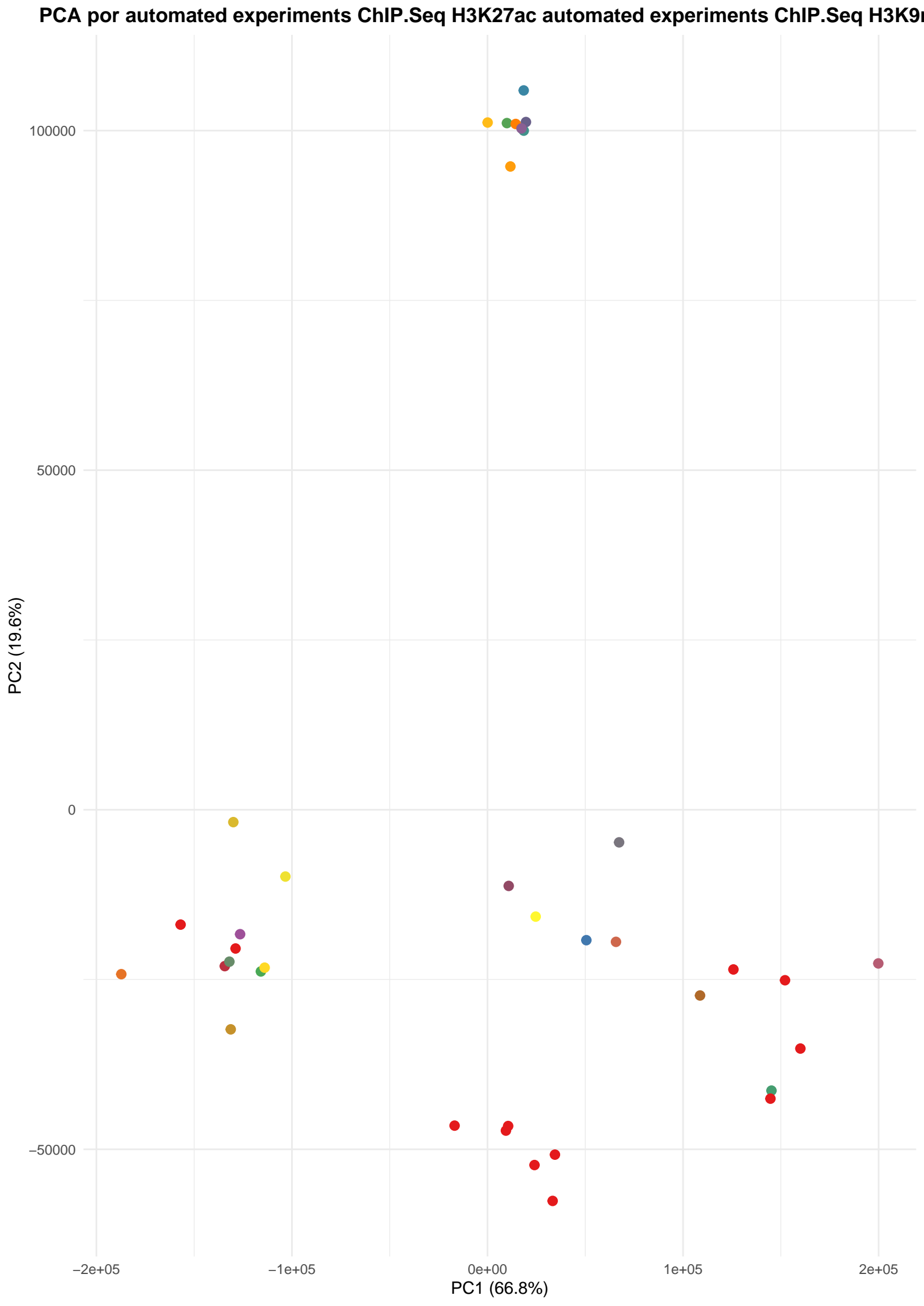


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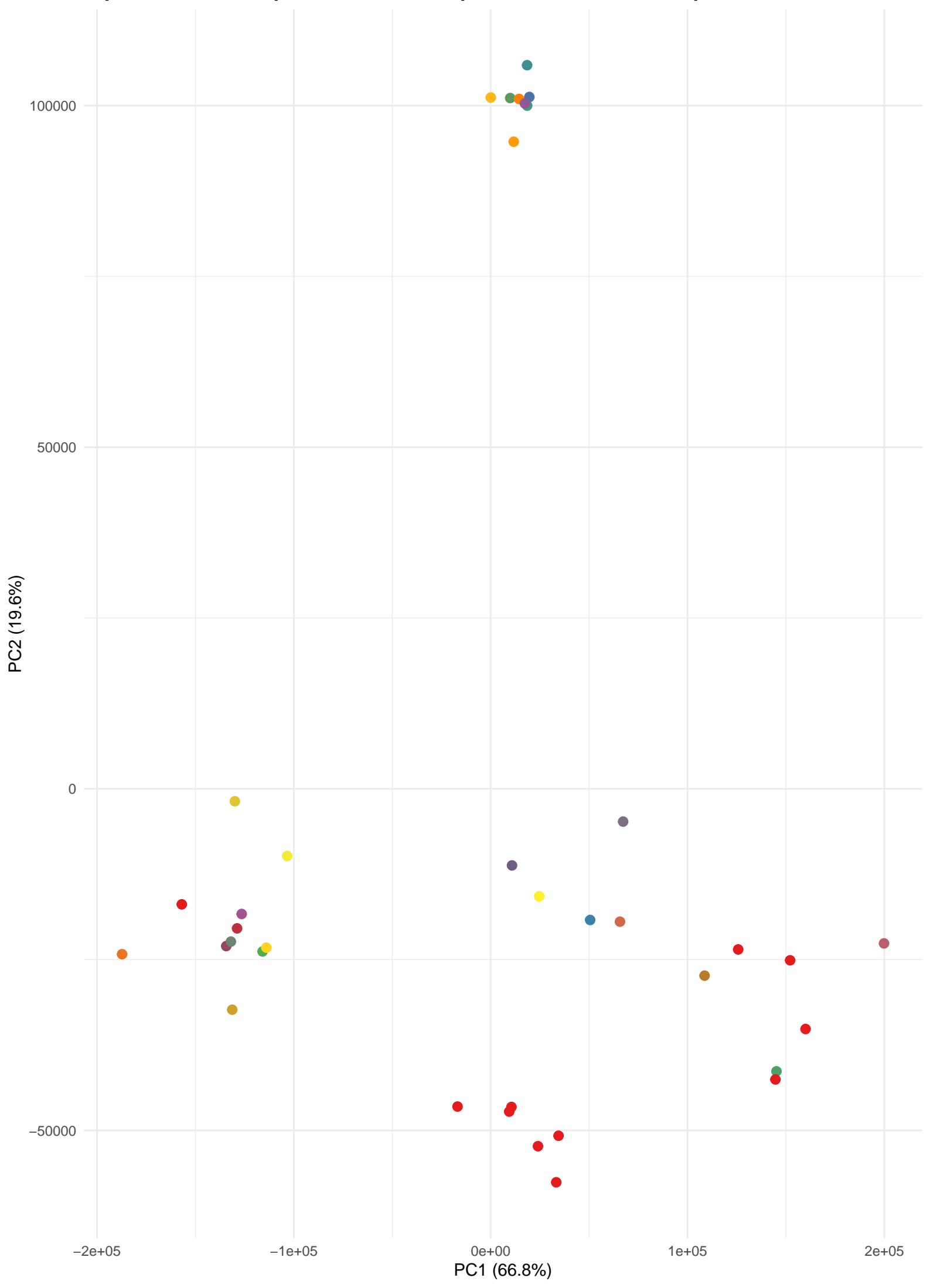


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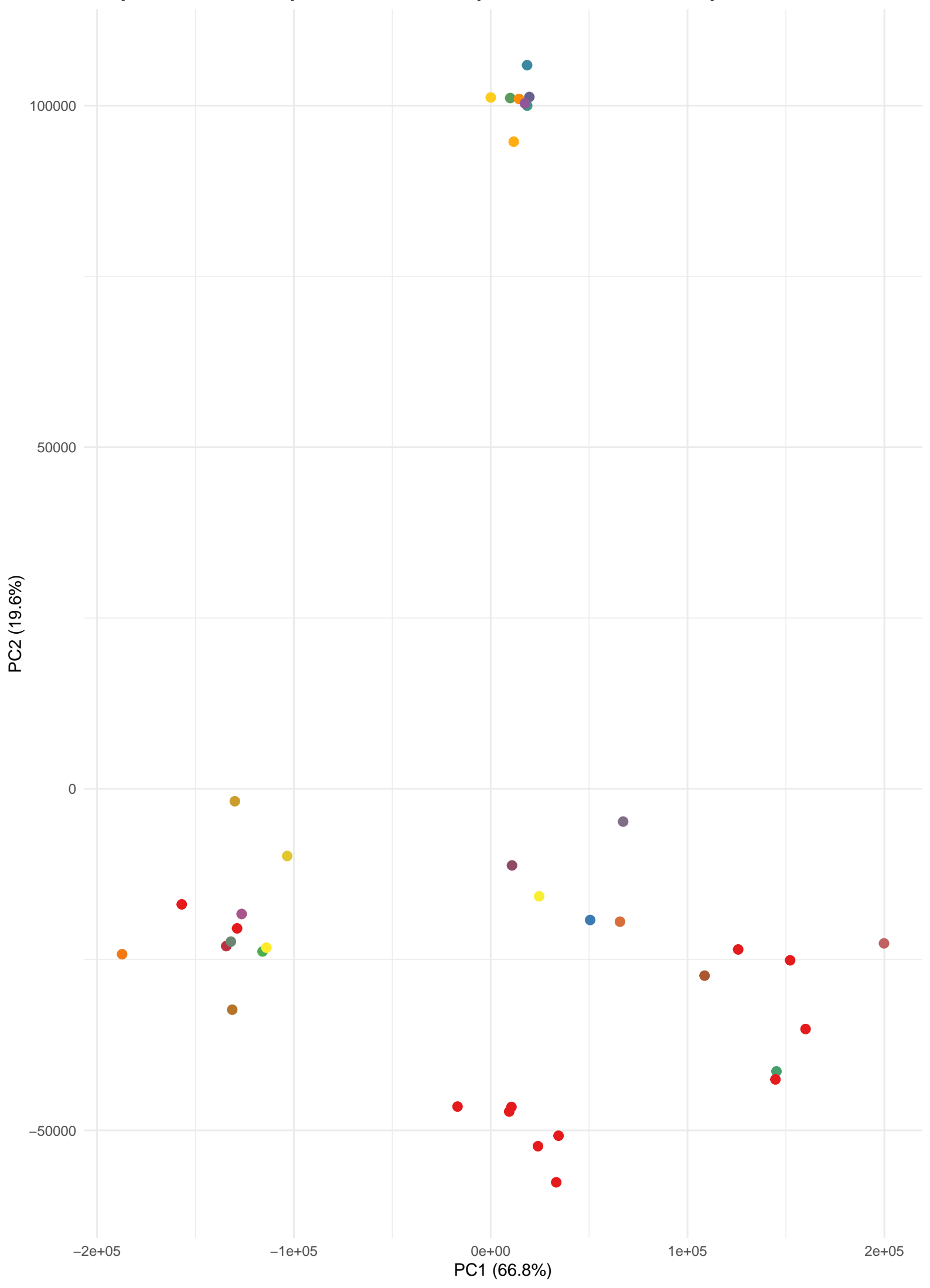


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PCA por automated experiments ChIP.Seq H3K27ac automated experiments WGBS standa



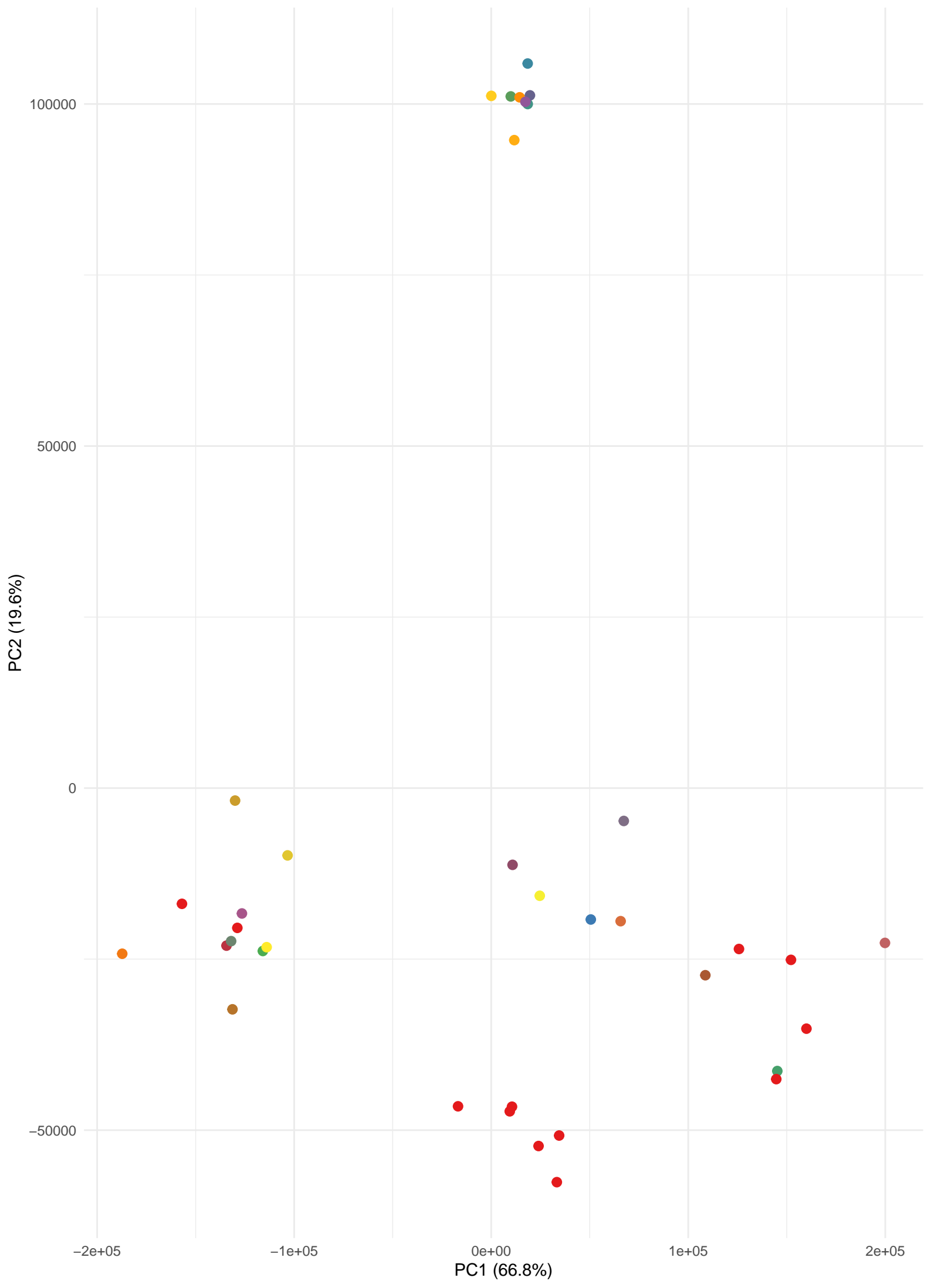
ChIP.Seq H3K27ac automated experiments WGBS standard



ChIP.Seq H3K27ac automated experiments WGBS PBAT

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PCA por automated experiments ChIP.Seq H3K27ac automated experiments RNA.Seq mRNA



hiP.Seq H3K27ac automated experiments RNA.Seq mRNA.Seq

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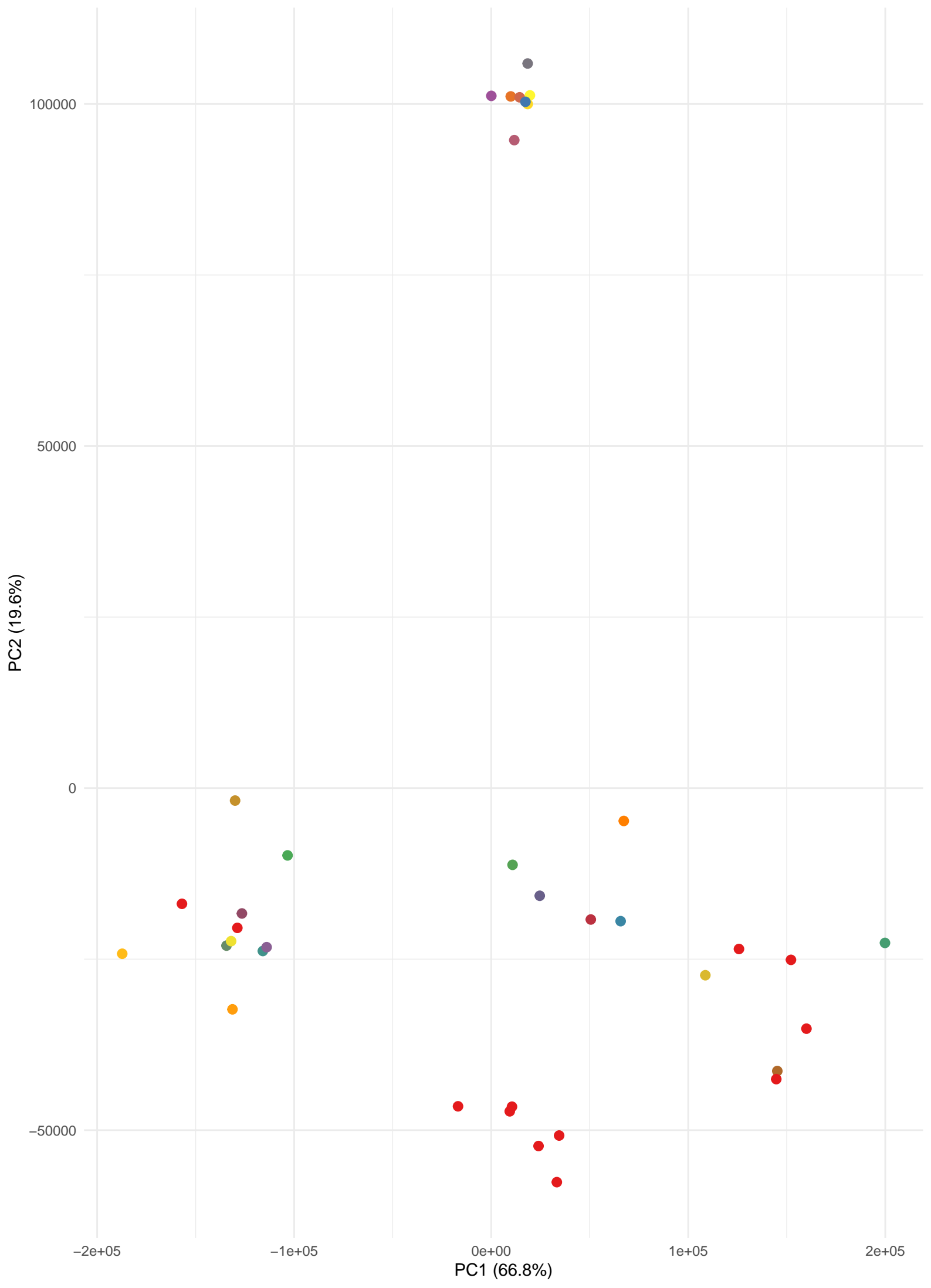
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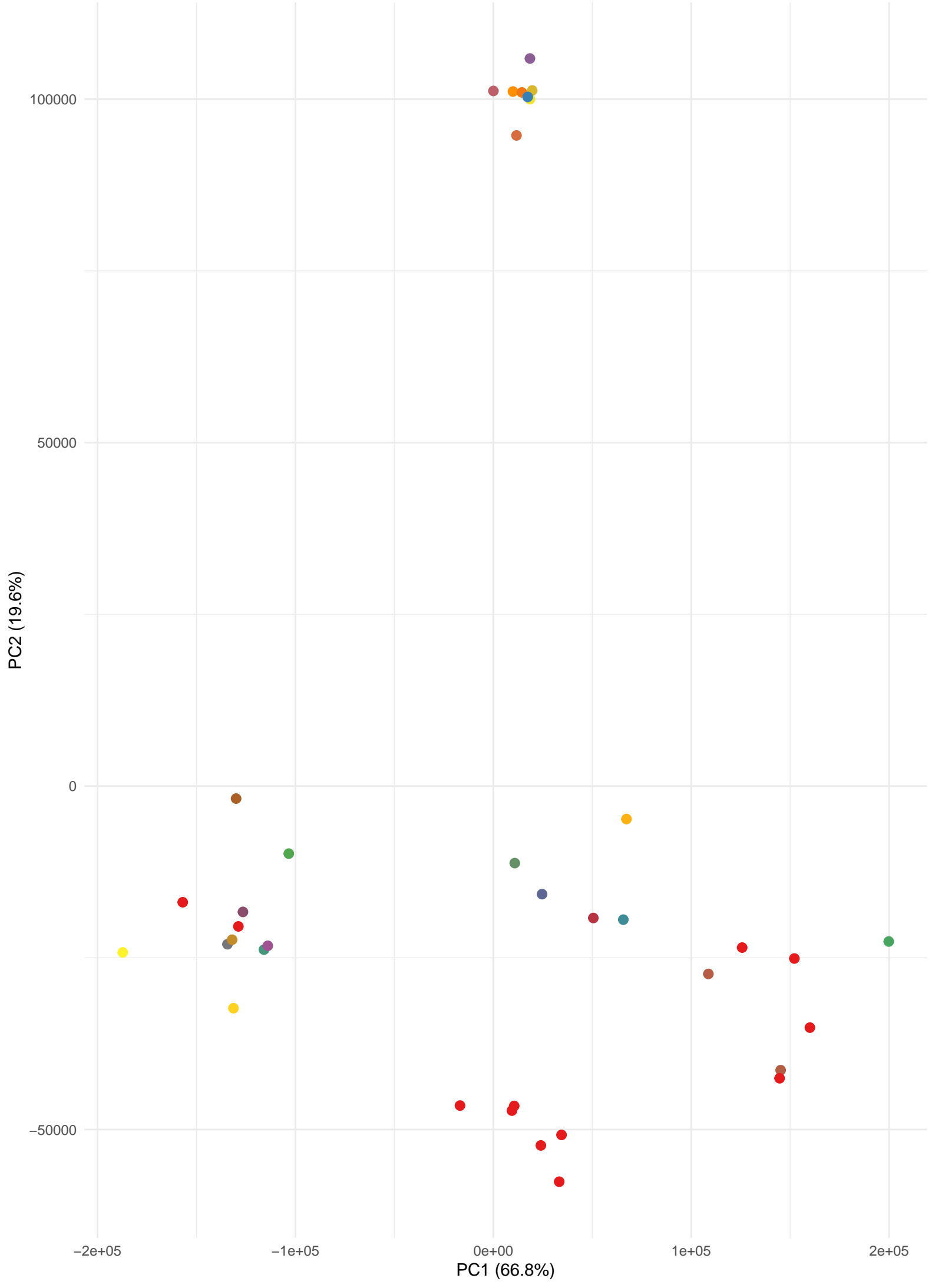
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PCA por automated experiments ChIP.Seq H3K27me3 automated experiments ChIP.Seq H3K4



ChIP.Seq H3K27me3 automated experiments ChIP.Seq H3K4me3

PCA por automated experiments ChIP.Seq H3K27me3 automated experiments ChIP.Seq H3K9me3



ChIP.Seq H3K27me3 automated experiments ChIP.Seq H3K9me3

PCA por automated experiments ChIP.Seq H3K27me3 automated experiments WGBS stand

Figure 1 displays genomic tracks for H3K27me3 and H3K9me3 across the HNF1A gene region. The tracks are labeled 'H3K27me3' and 'H3K9me3'. The tracks show enrichment of H3K27me3 (red) and H3K9me3 (green) across the HNF1A gene region. The tracks are labeled 'H3K27me3' and 'H3K9me3'.

PCA por automated experiments ChIP.Seq H3K27me3 automated experiments WGBS PBA

ChIP.Seq H3K27me3 automated experiments WGBS PBAT

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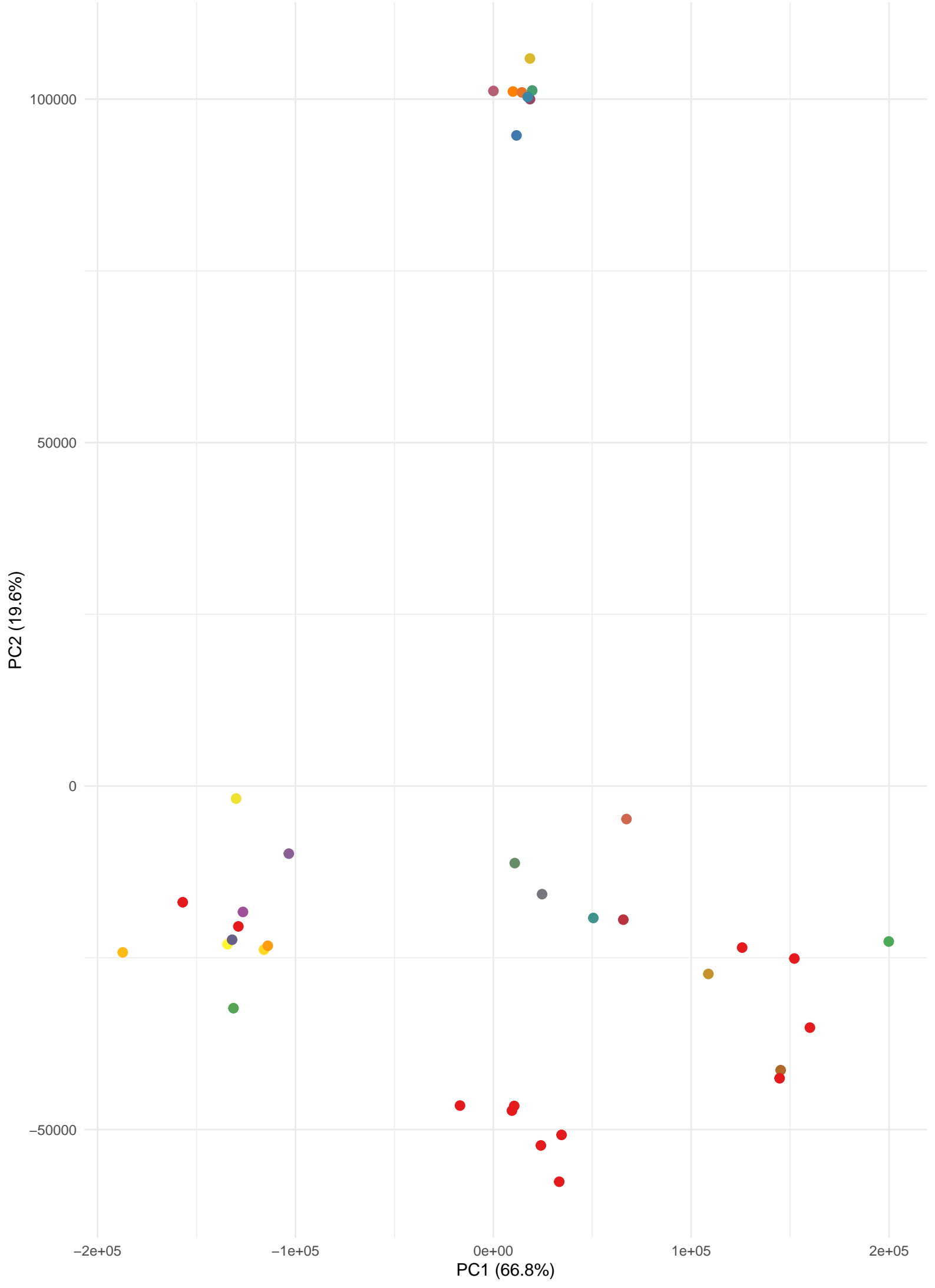
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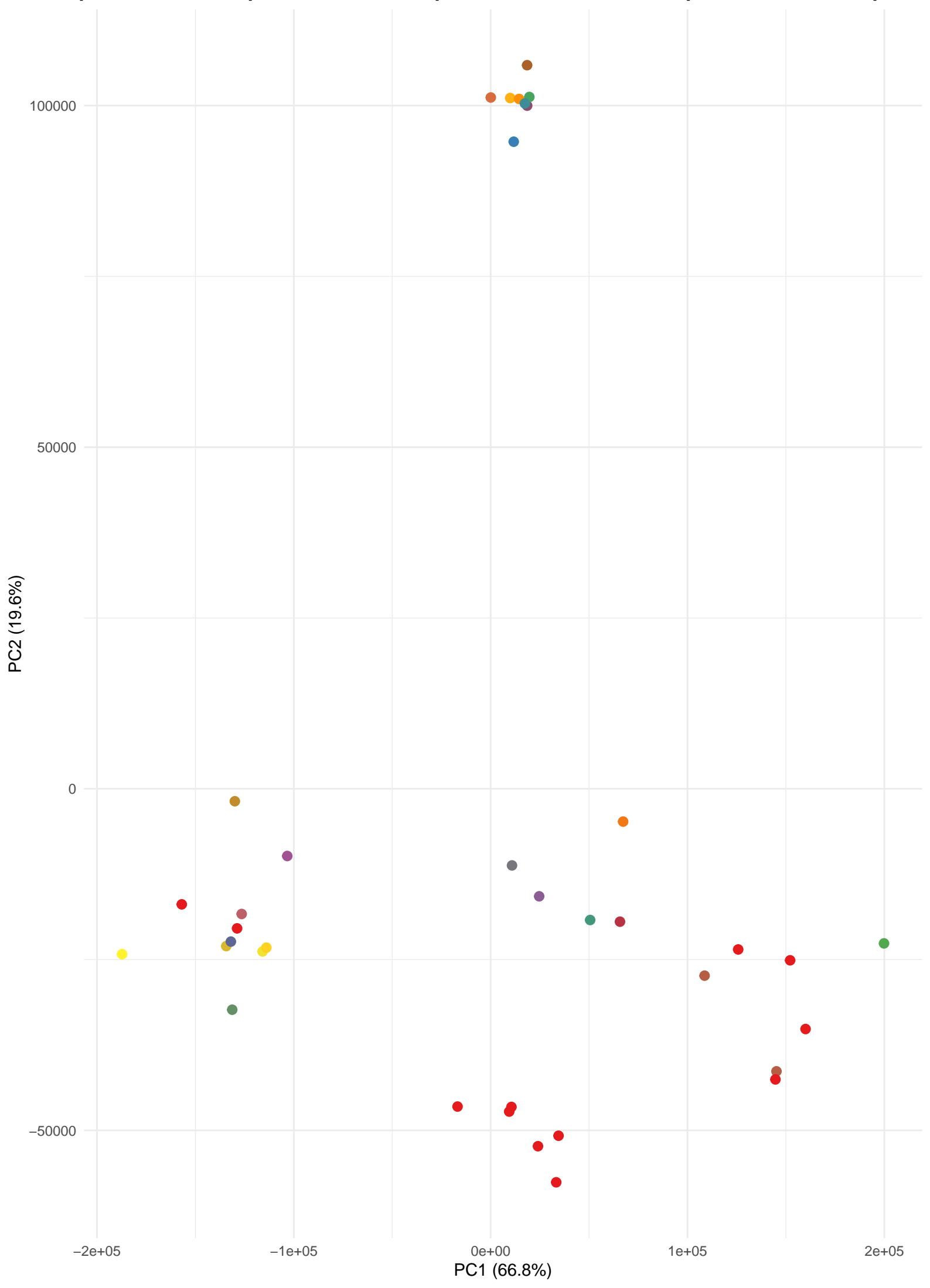
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PCA por automated experiments ChIP.Seq H3K36me3 automated experiments ChIP.Seq H3K4



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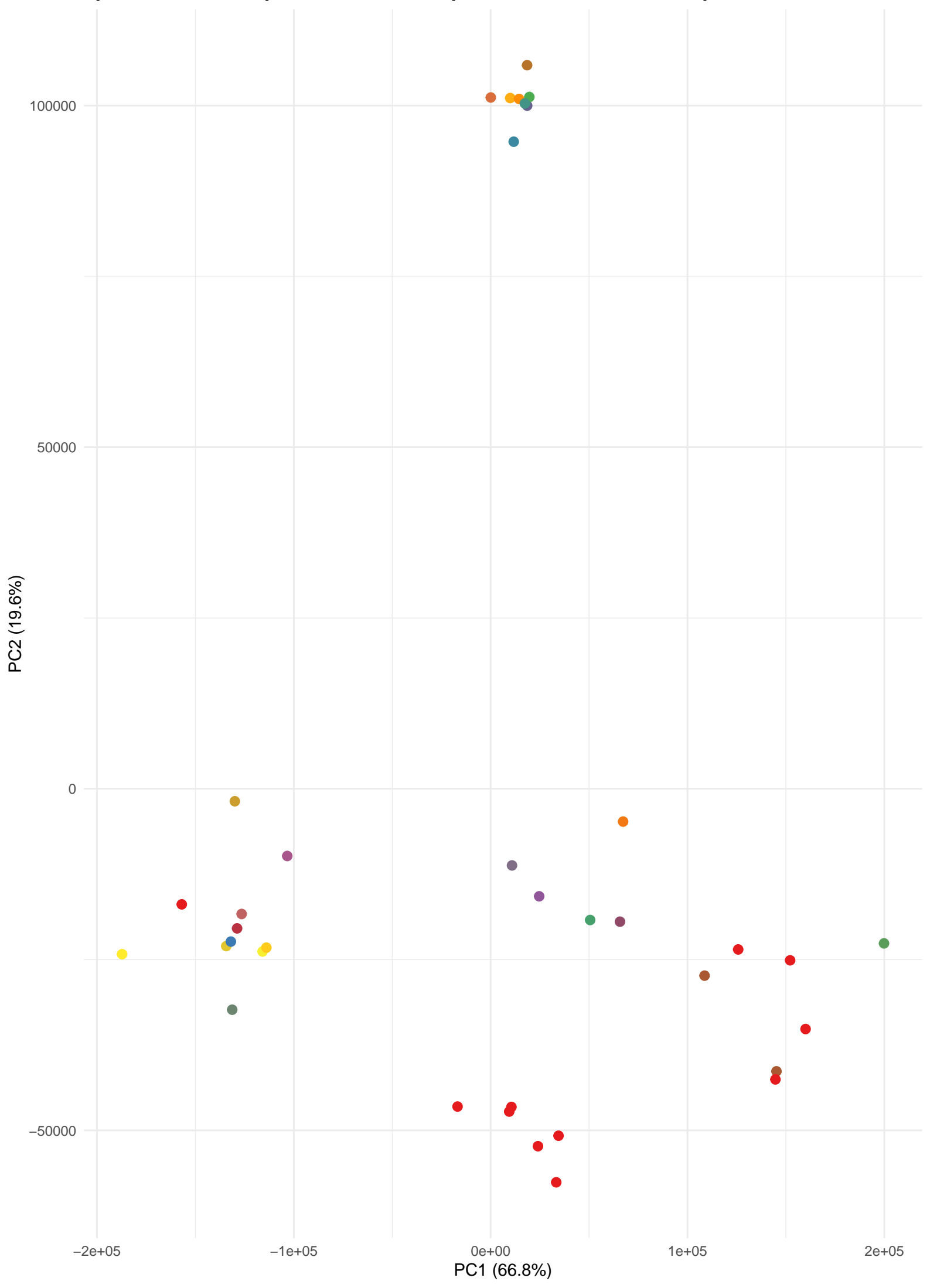
PCA por automated experiments ChIP.Seq H3K36me3 automated experiments ChIP.Seq H3K9me3



IP.Seq H3K36me3 automated experiments ChIP.Seq H3K9me3

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PCA por automated experiments ChIP.Seq H3K36me3 automated experiments WGBS stand



ChIP.Seq H3K36me3 automated experiments WGBS standard

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PCA por automated experiments ChIP.Seq H3K36me3 automated experiments WGBS PBA

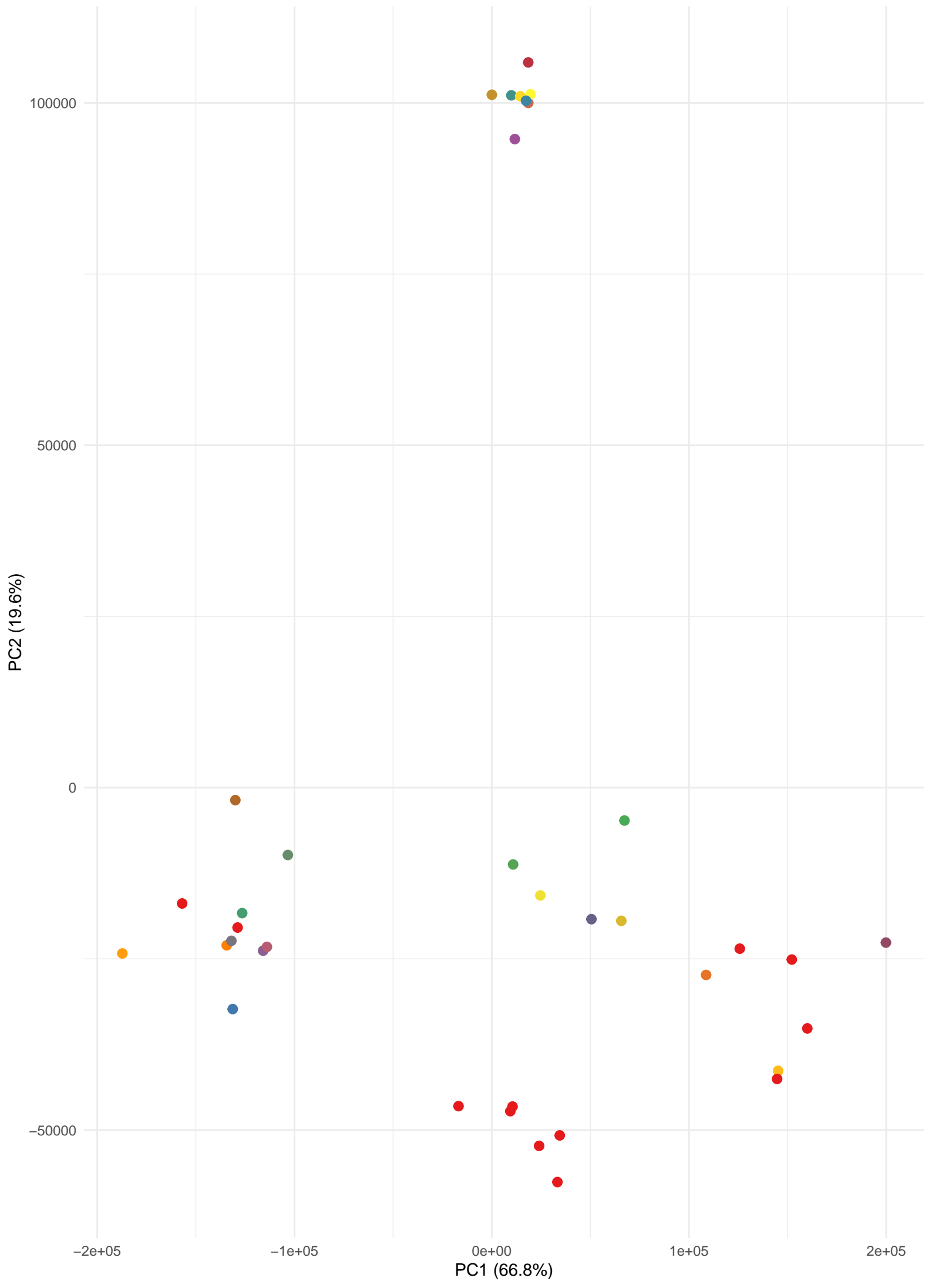
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PCA por automated experiments ChIP.Seq H3K36me3 automated experiments RNA.Seq mRNA

ated experiments ChIP.Seq H3K36me3 automated experiments RNA.Seq mRNA.Seq

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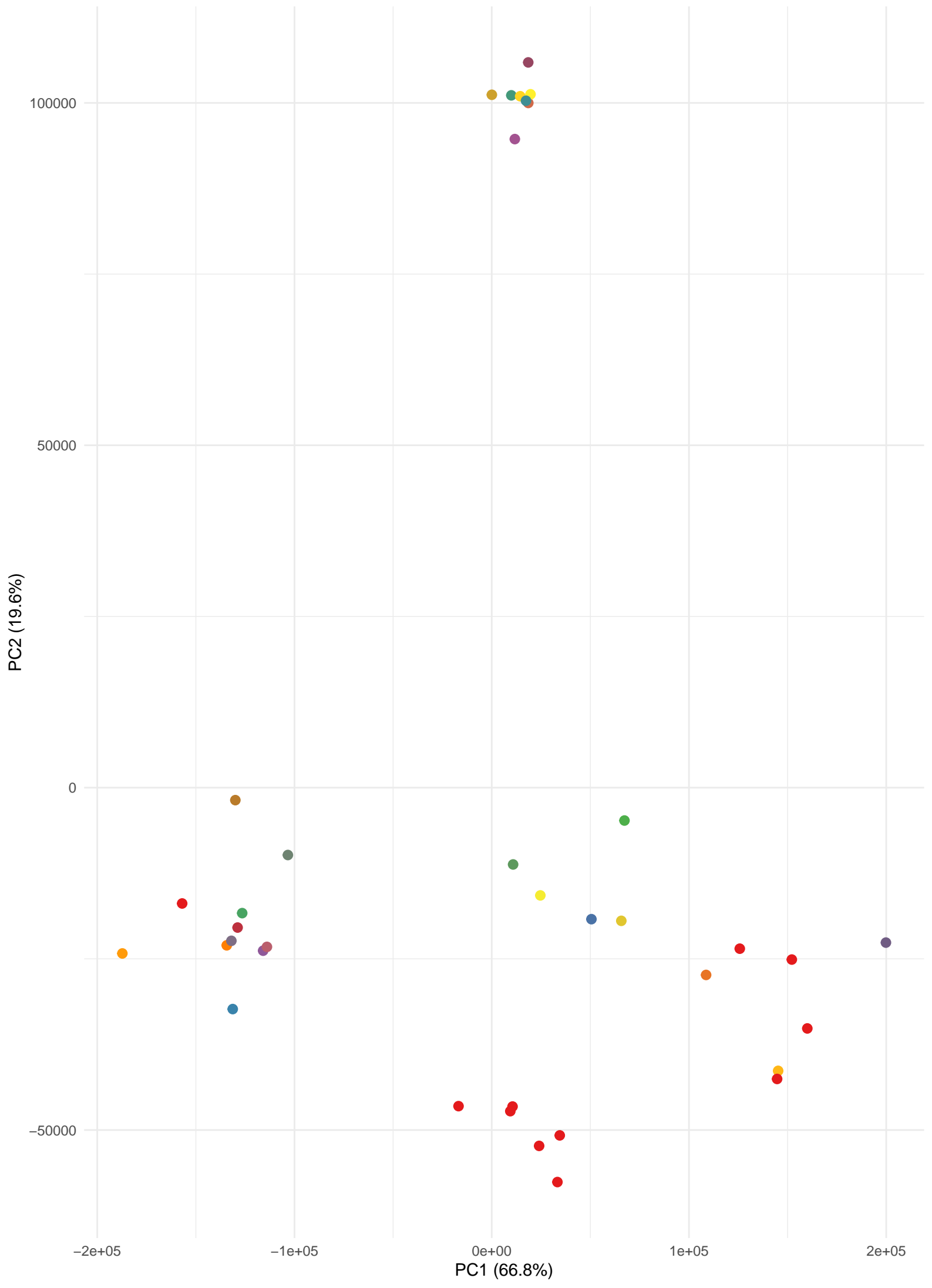


ChIP.Seq H3K4me1 automated experiments ChIP.Seq H3K4me3

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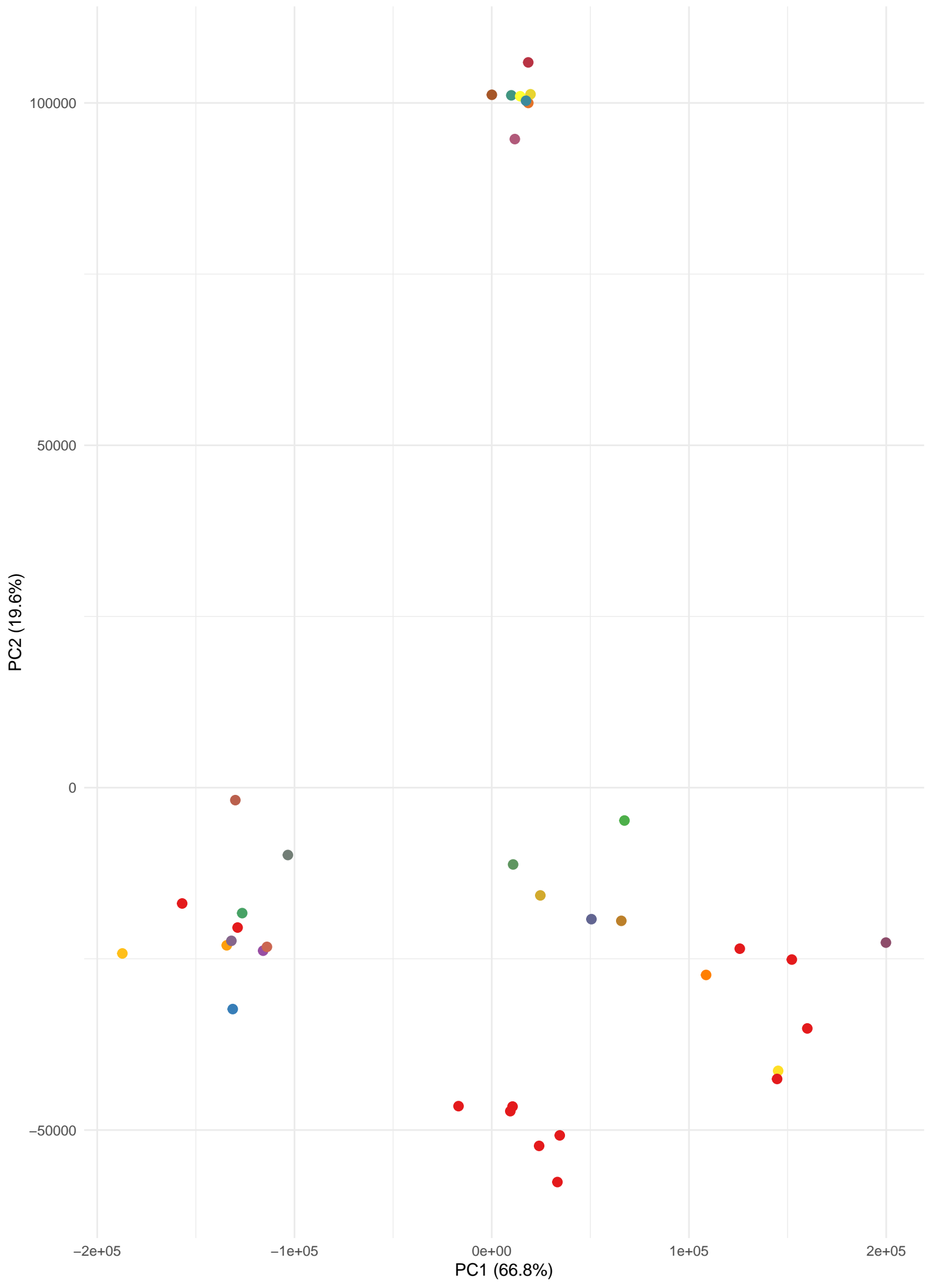
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PCA por automated experiments ChIP.Seq H3K4me1 automated experiments WGBS standa



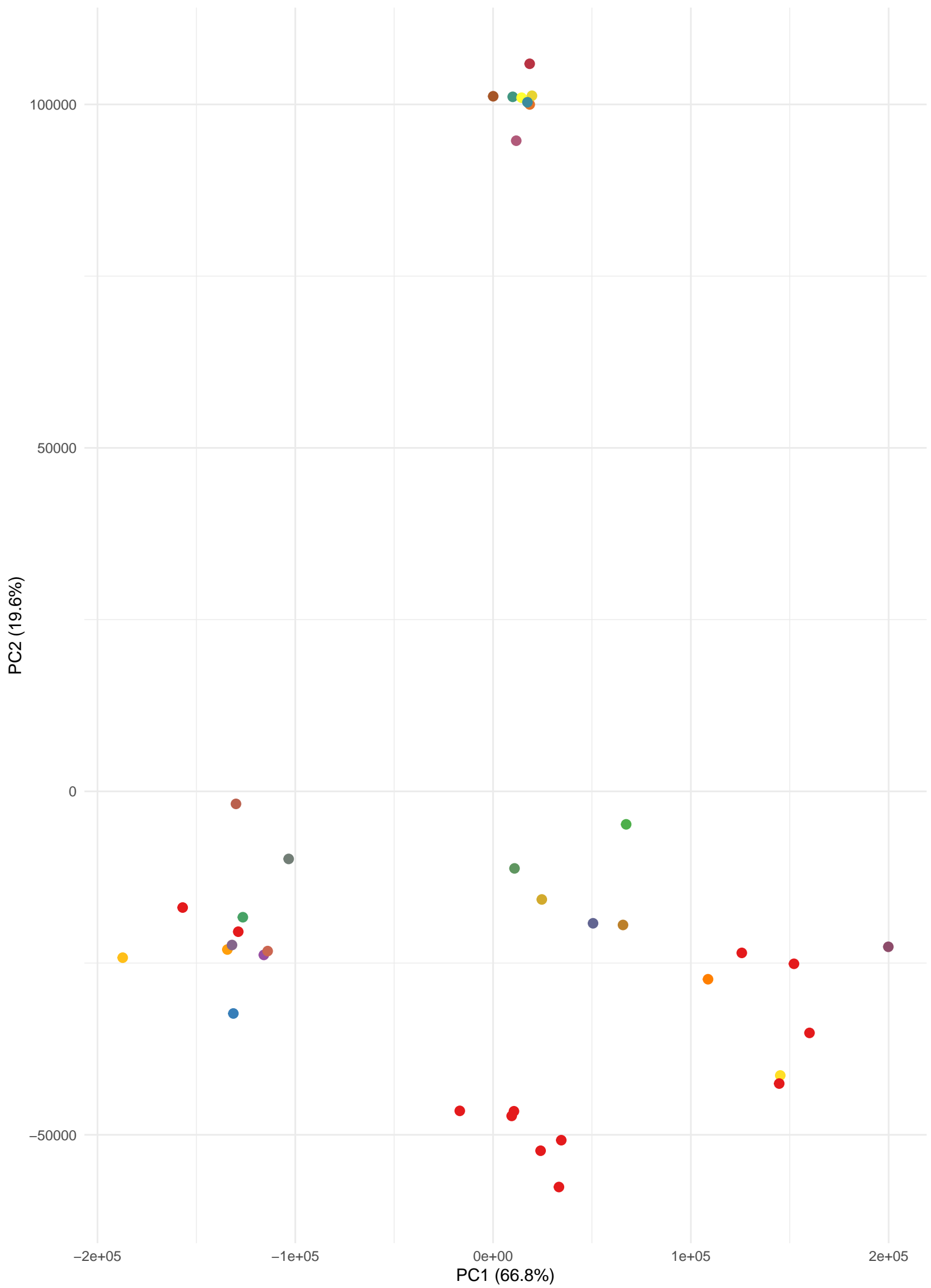
ChIP-Seq H3K4me1 automated experiments WGBS standard

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ts ChIP.Seq H3K4me1 automated experiments WGBS PBAT

PCA por automated experiments ChIP.Seq H3K4me1 automated experiments RNA.Seq mRNA



HP.Seq H3K4me1 automated experiments RNA.Seq mRNA.Seq

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PCA por automated experiments ChIP.Seq H3K4me3 automated experiments ChIP.Seq H3K9

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PCA por automated experiments ChIP.Seq H3K4me3 automated experiments WGBS standard

ChIP.Seq H3K4me3 automated experiments WGBS standard

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PCA por automated experiments ChIP.Seq H3K4me3 automated experiments RNA.Seq mRNA

ChIP.Seq H3K4me3 automated experiments RNA.Seq mRNA.Seq



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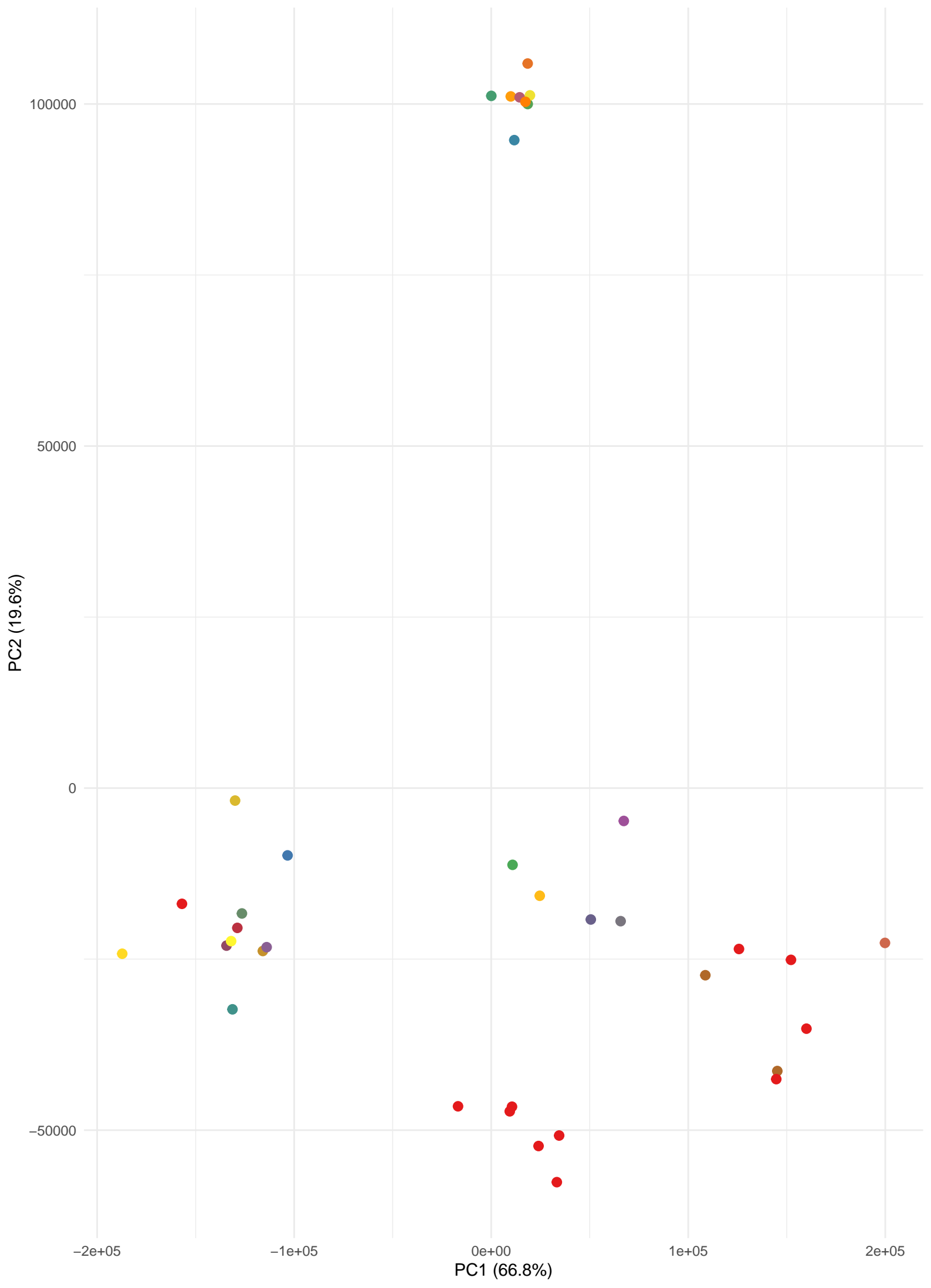


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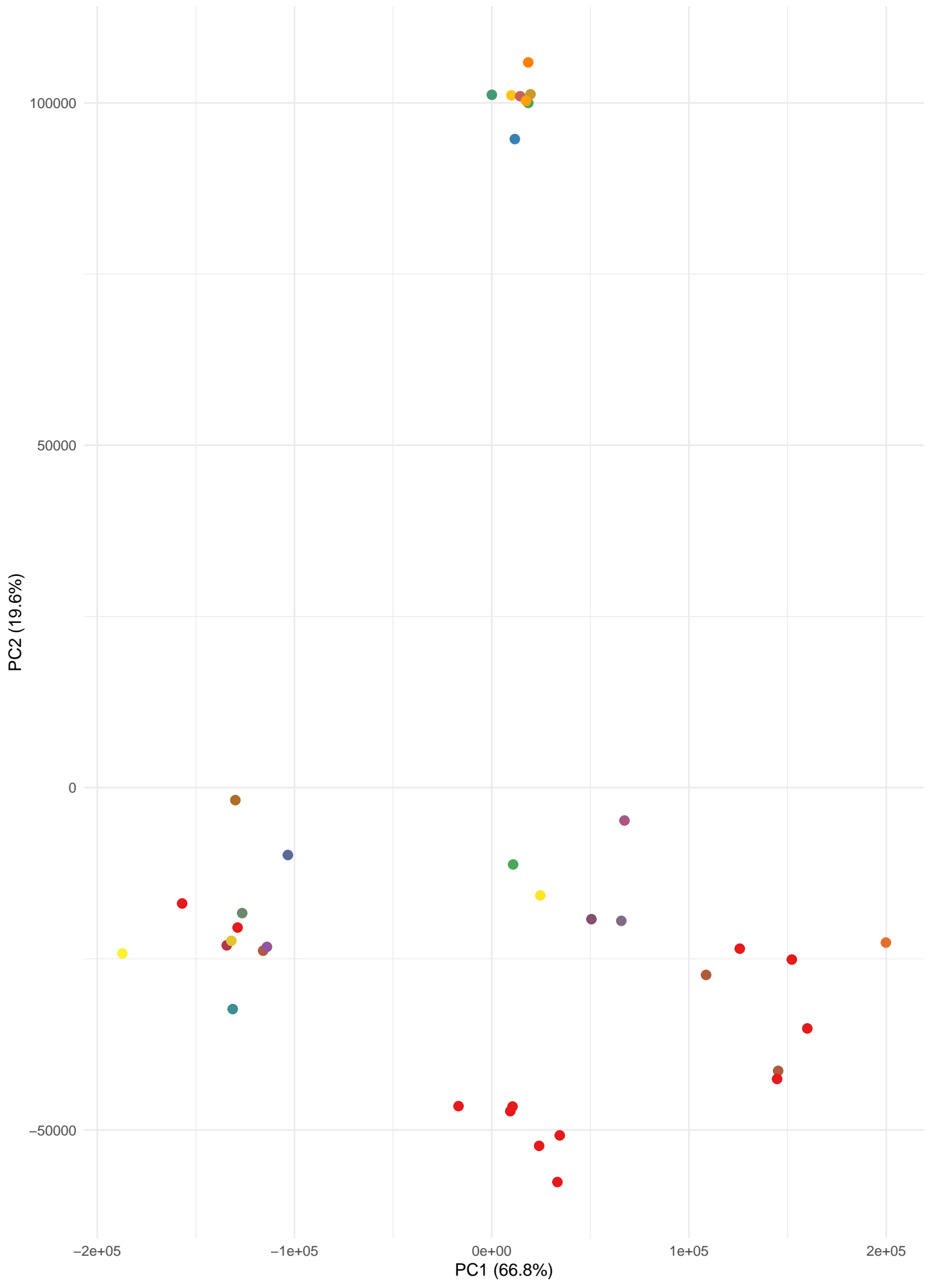
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ChIP.Seq H3K9me3 automated experiments WGBS standard

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s ChIP.Seq H3K9me3 automated experiments WGBS PBAT

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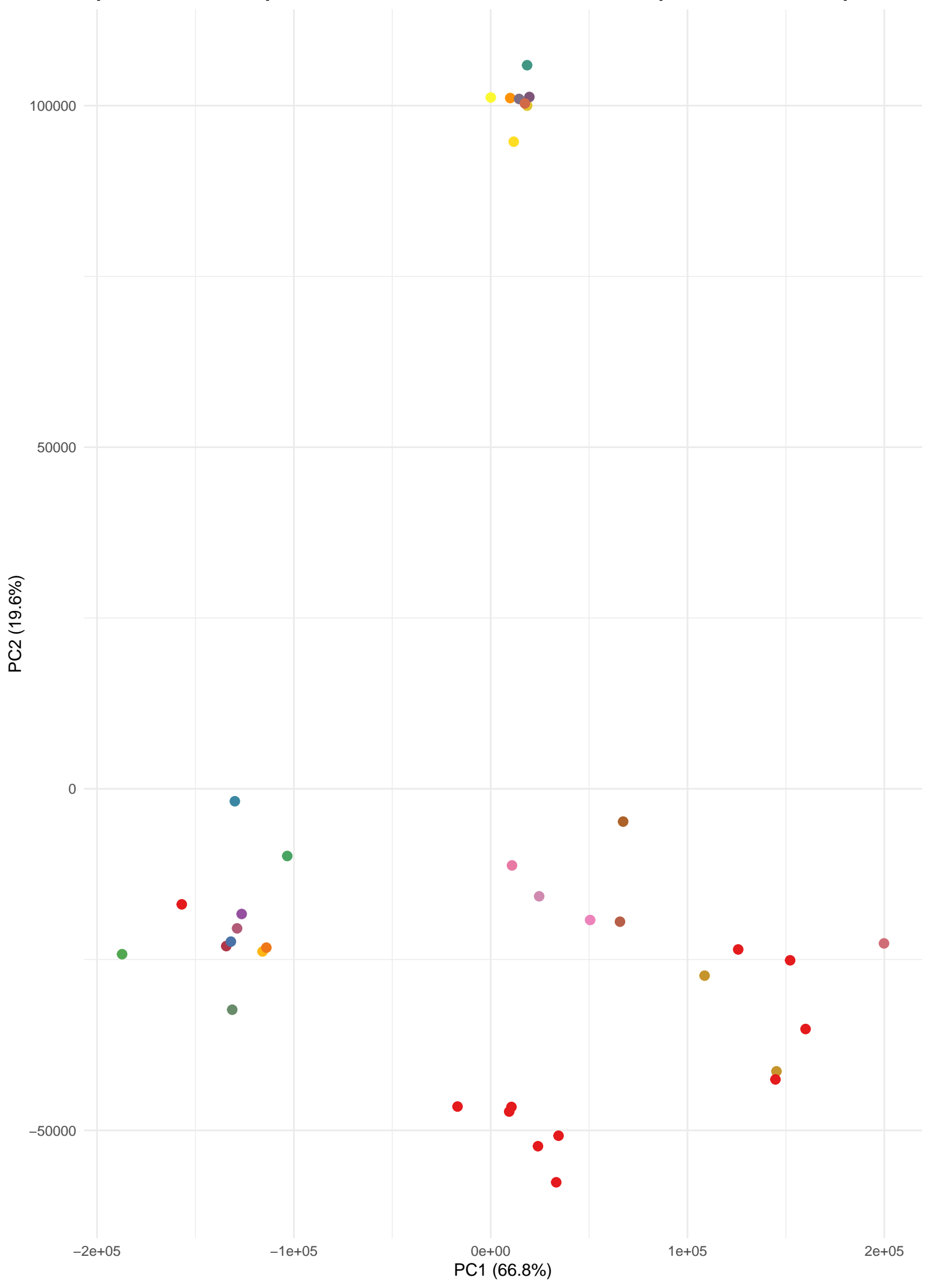
PCA por automated experiments ChIP.Seq H3K9me3 automated experiments RNA.Seq mRNA

ChIP.Seq H3K9me3 automated experiments RNA.Seq mRNA.Seq

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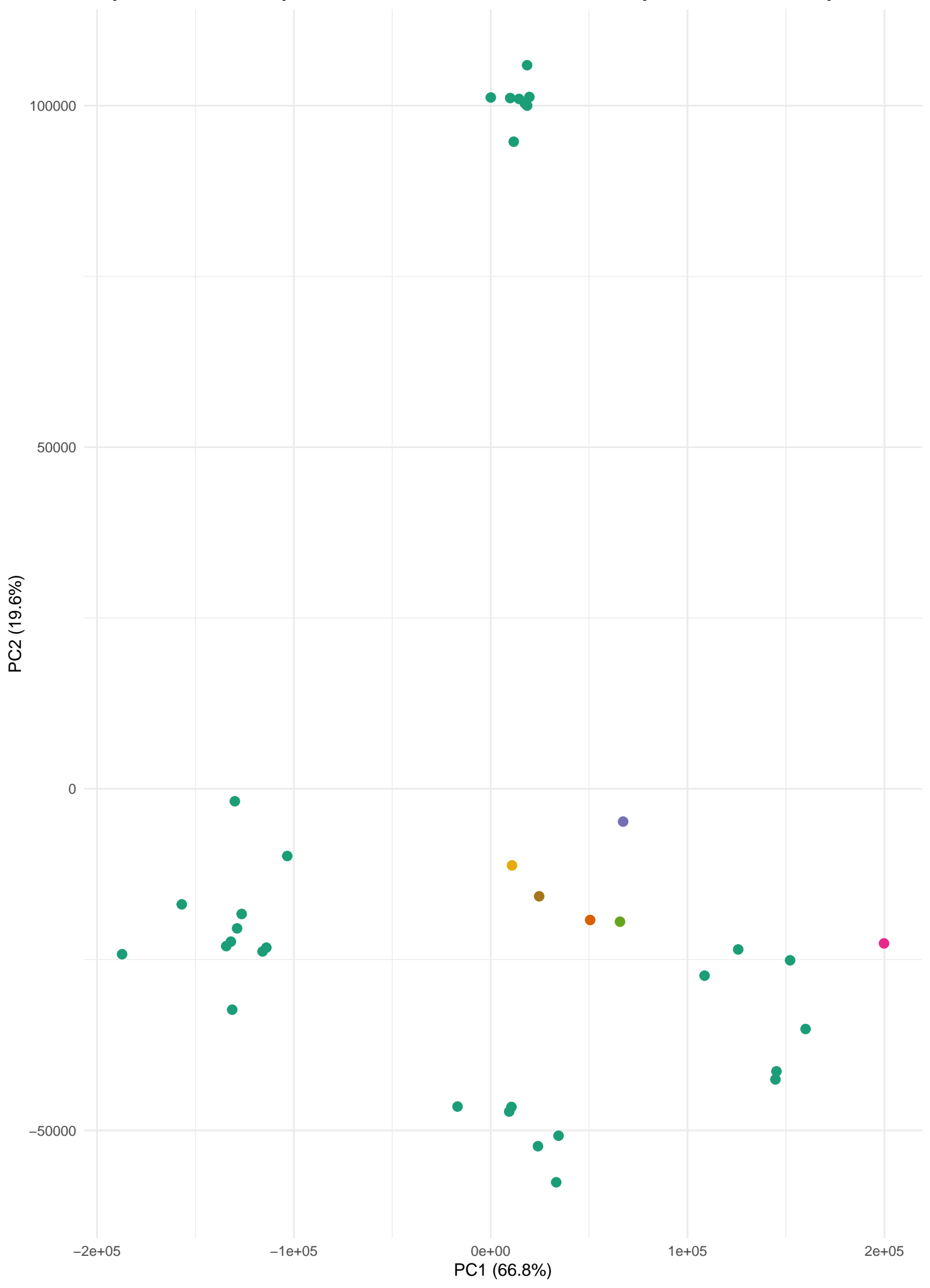
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automated experiments WGBS standard automated experiments RNA.Seq mRNA.Seq

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