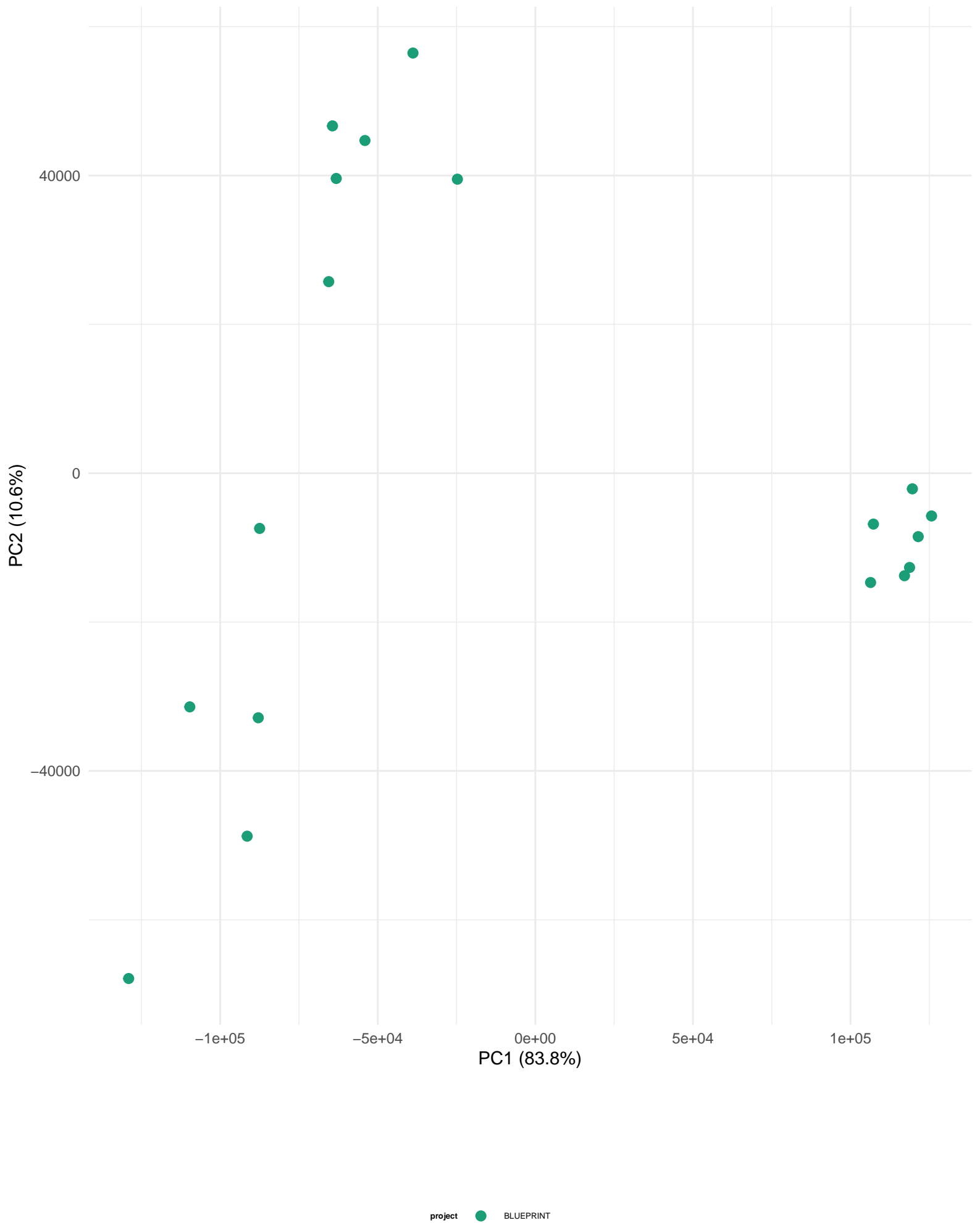
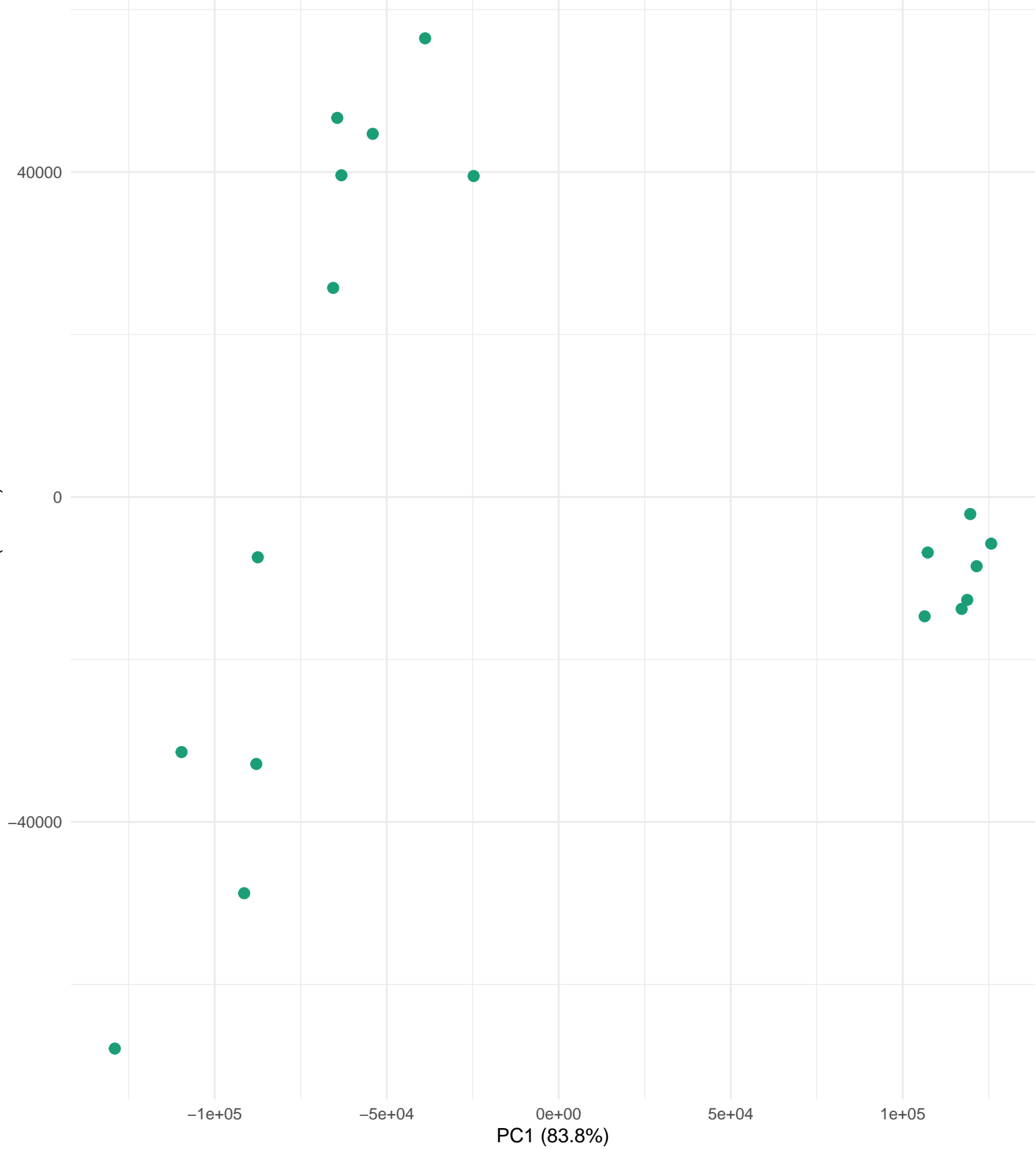


PCA por project



PCA por harmonized biomaterial type

PC2 (10.6%)

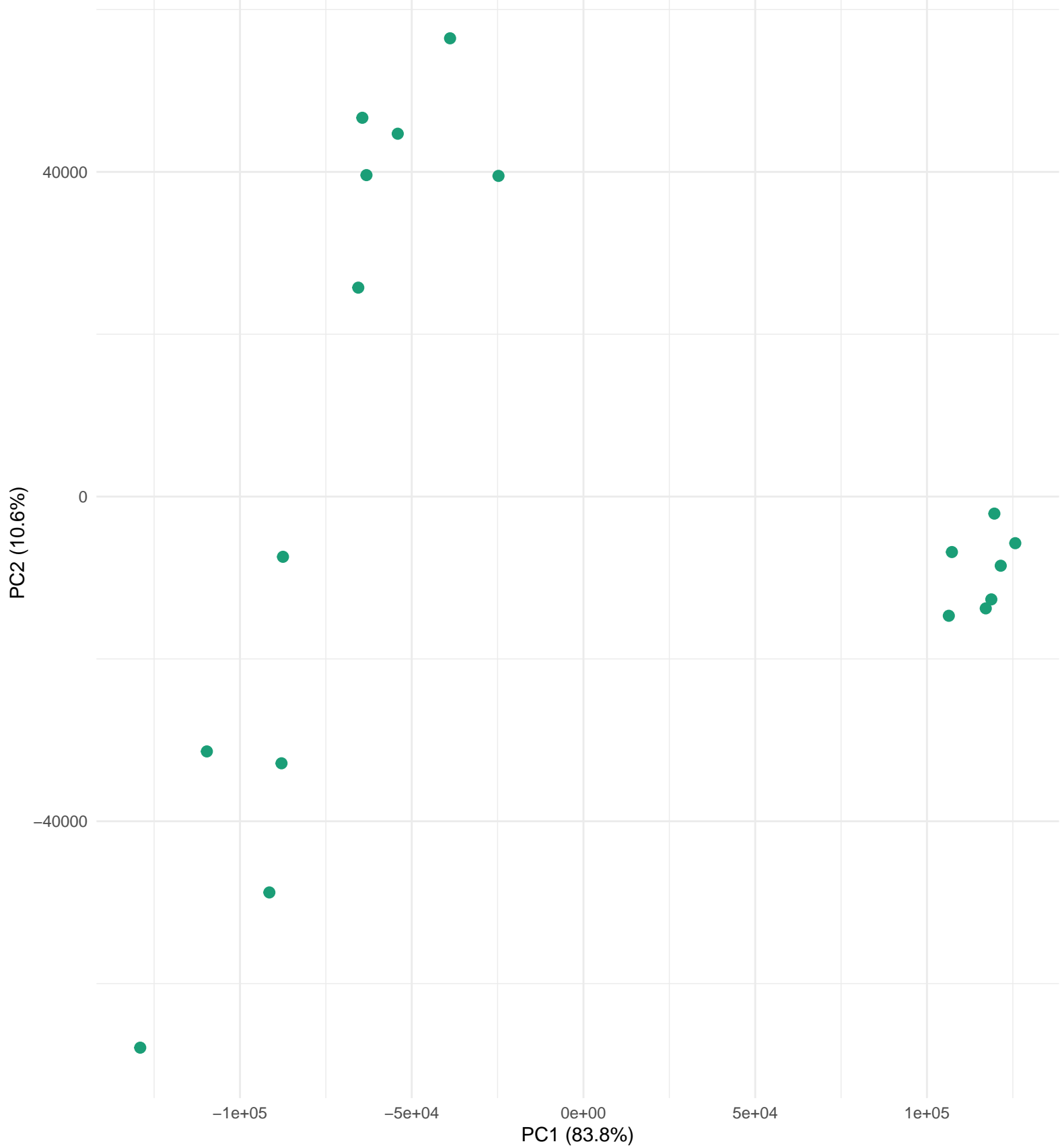


harmonized biomaterial type



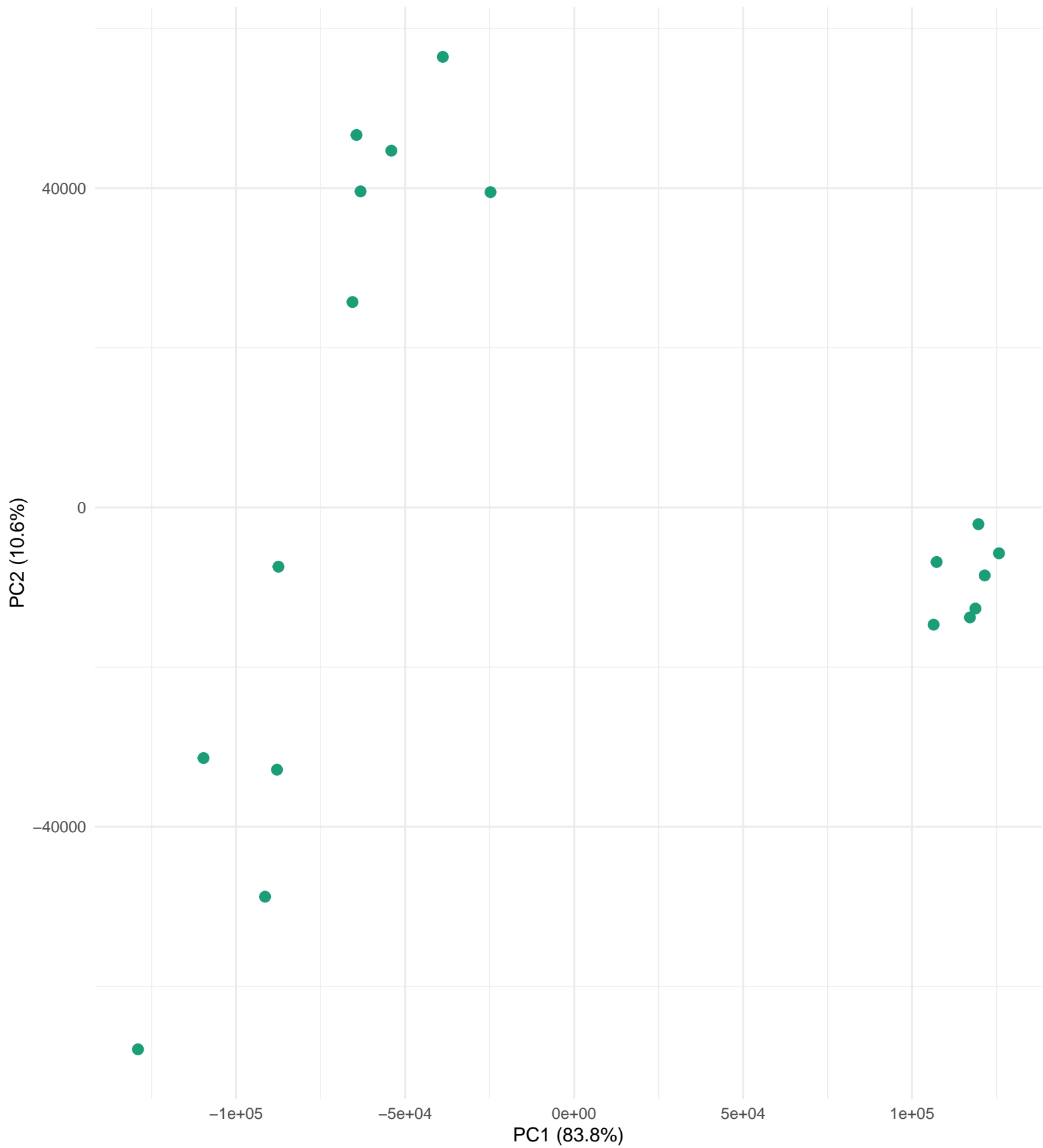
primary cell culture

PCA por harmonized sample ontology intermediate



harmonized sample ontology intermediate ● macrophage

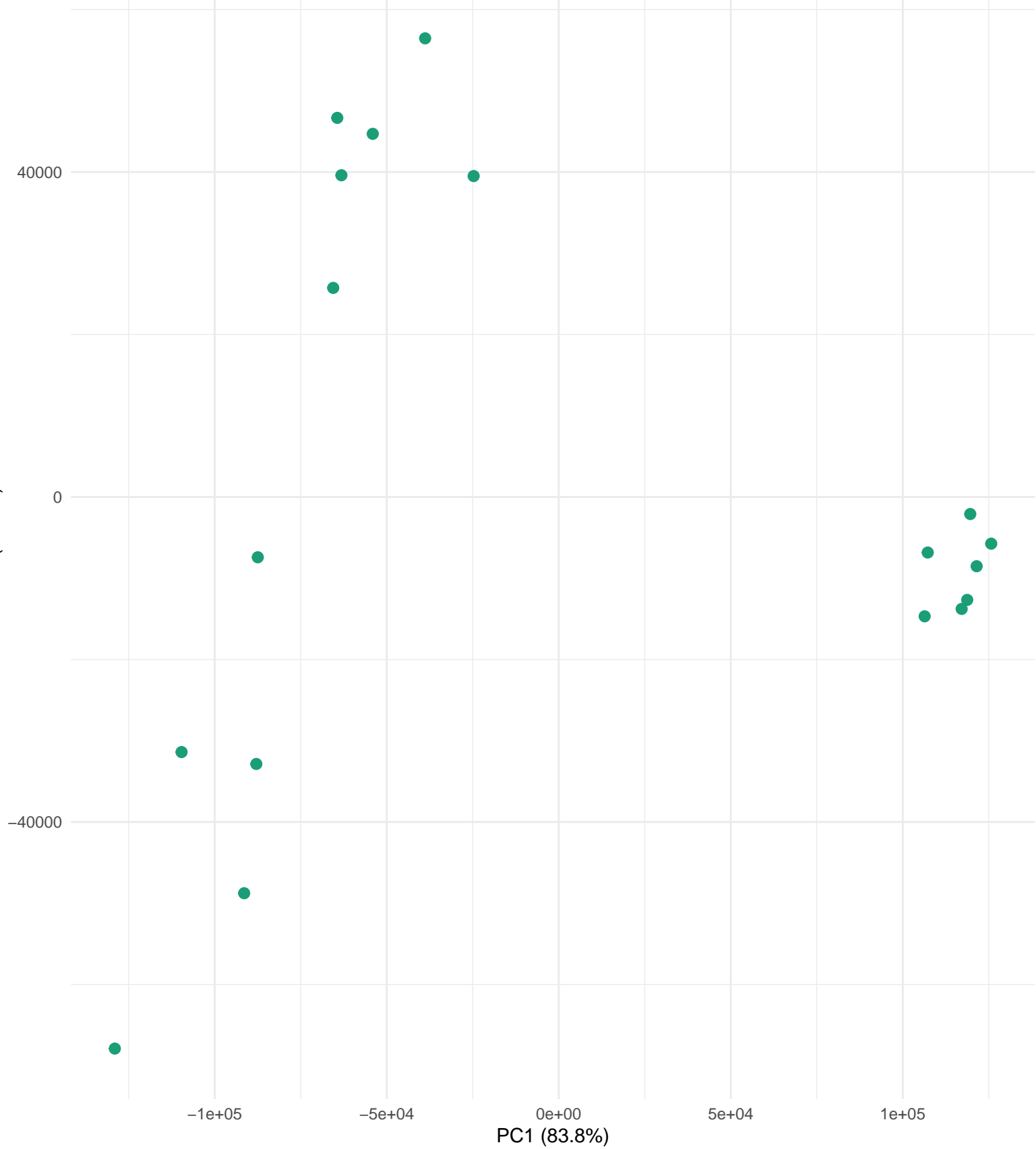
PCA por harmonized sample ontology intermediate color



harmonized sample ontology intermediate color 191,134,235

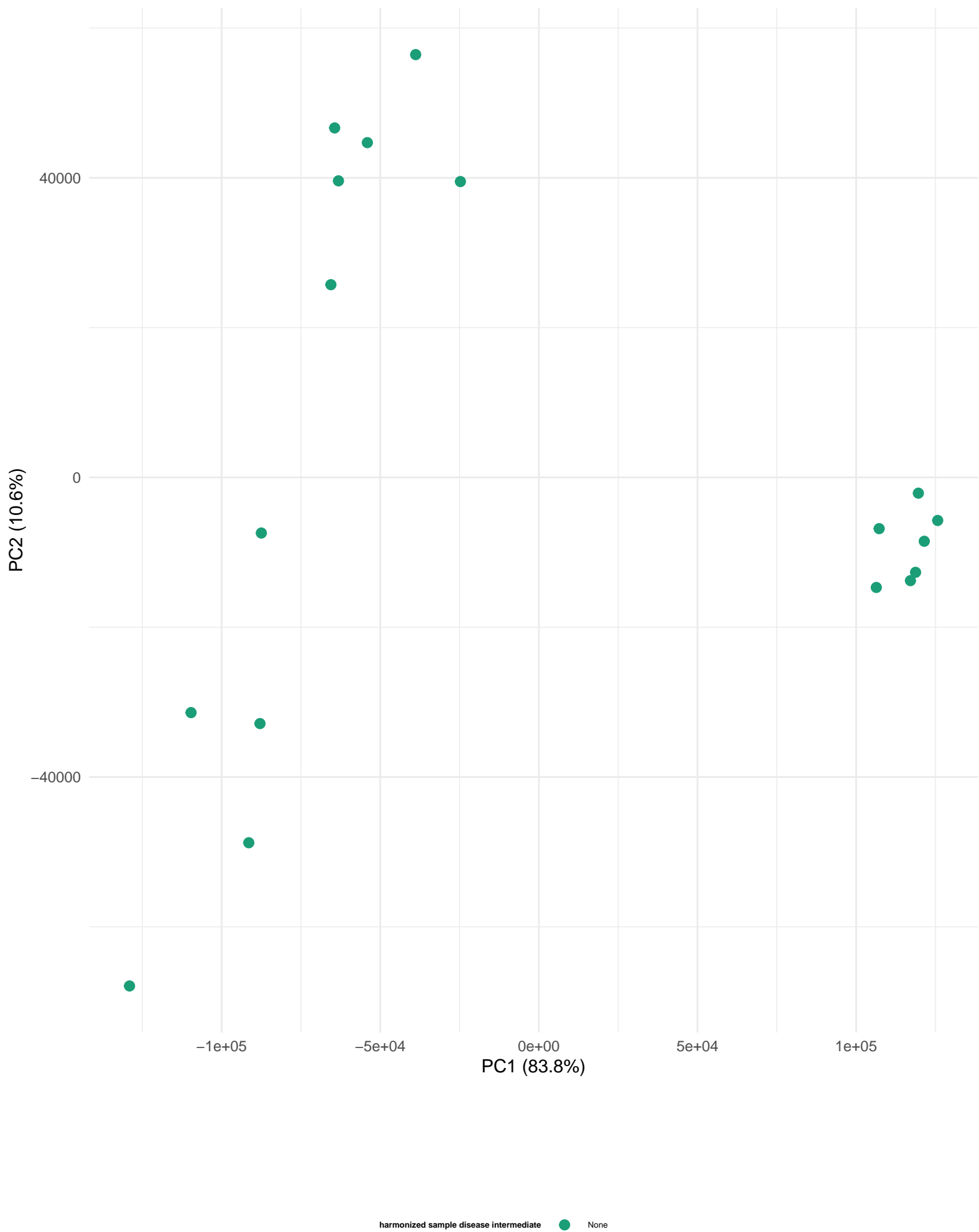
PCA por harmonized sample disease high

PC2 (10.6%)



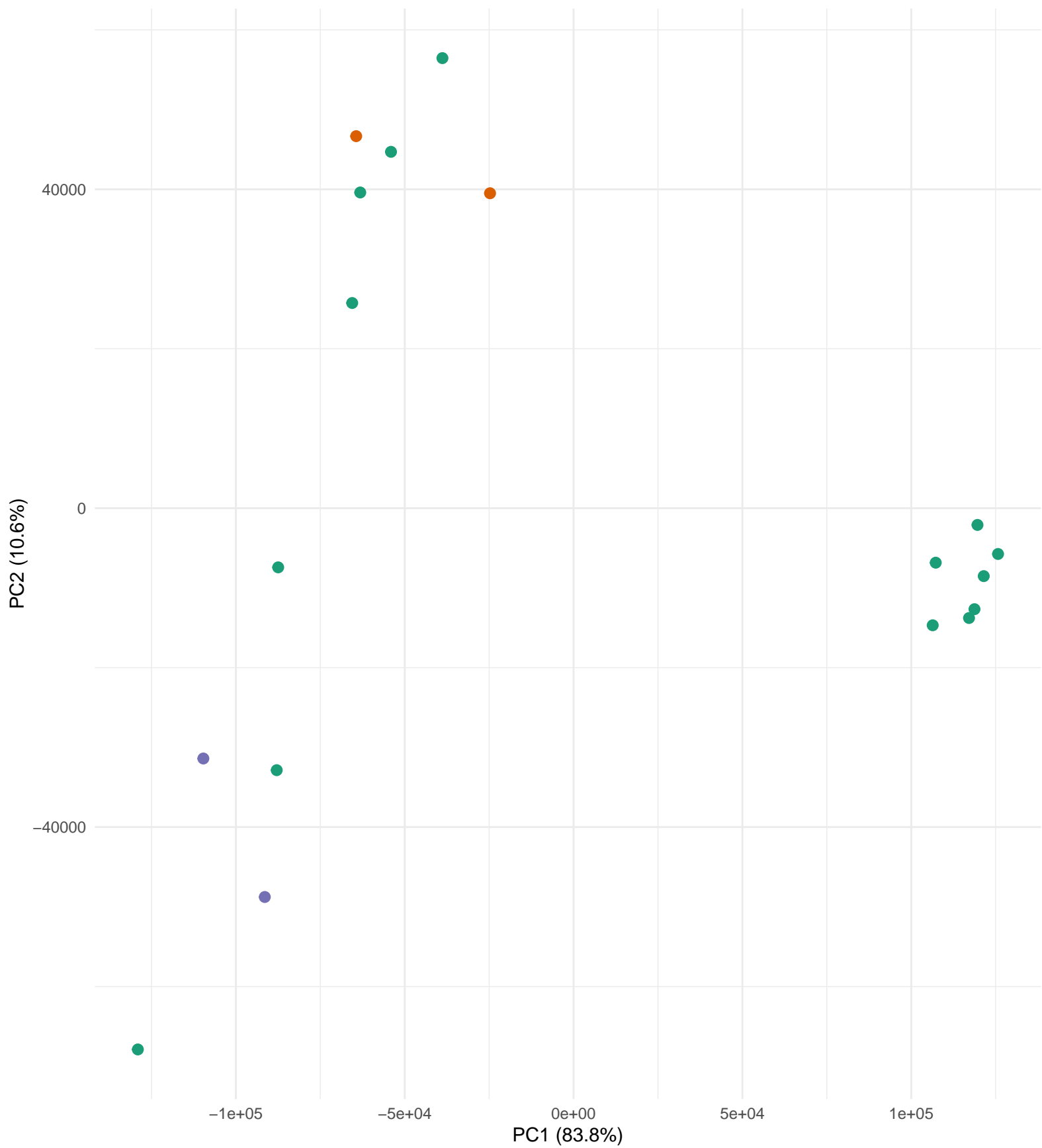
harmonized sample disease high ● Healthy/None

PCA por harmonized sample disease intermediate



### PCA por harmonized EpiRR status

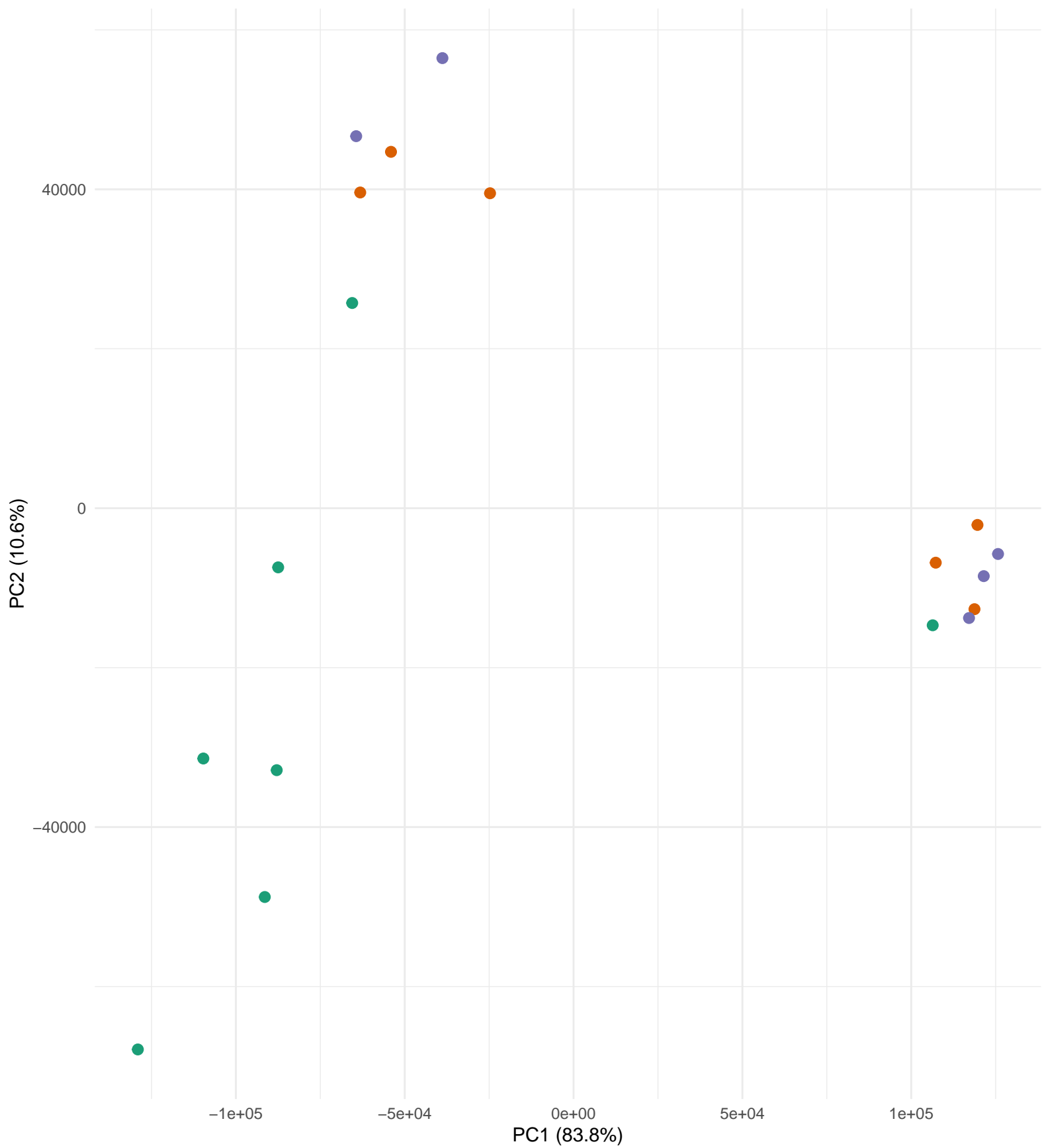
PCA por epiATLAS status



epiATLAS status Complete Complete\_imputed Partial

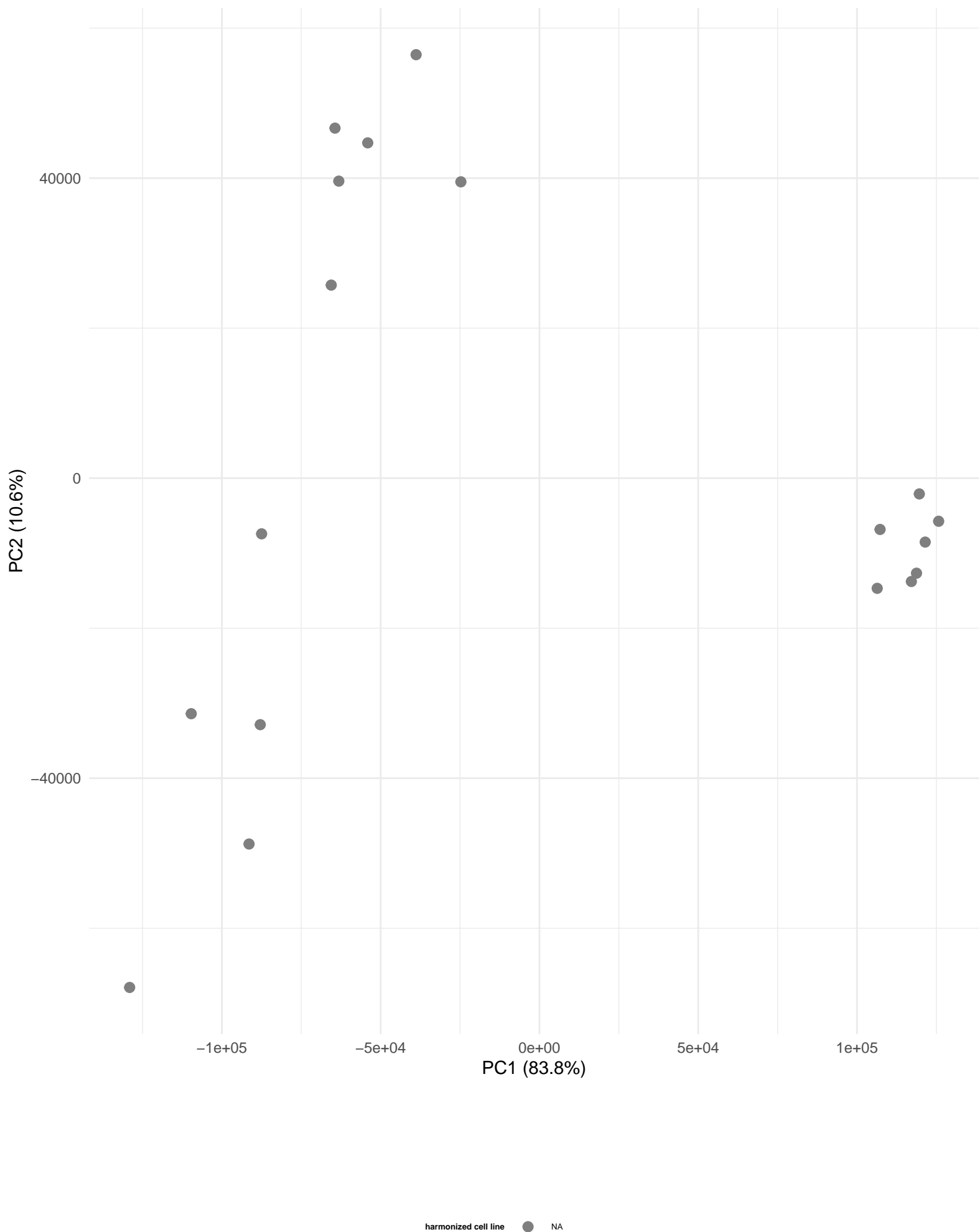


PCA por harmonized cell type

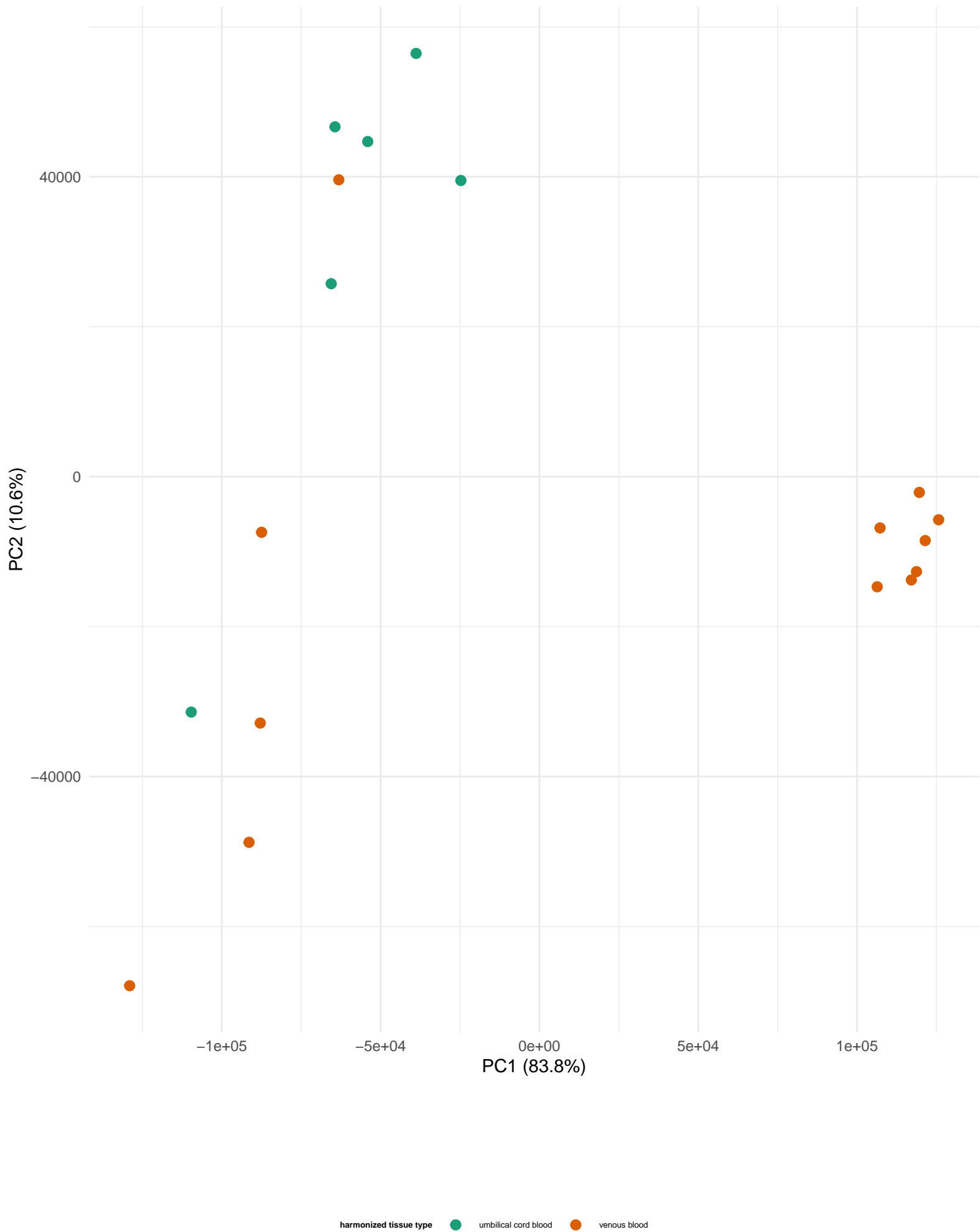


harmonized cell type ● alternatively activated macrophage ● inflammatory macrophage ● macrophage

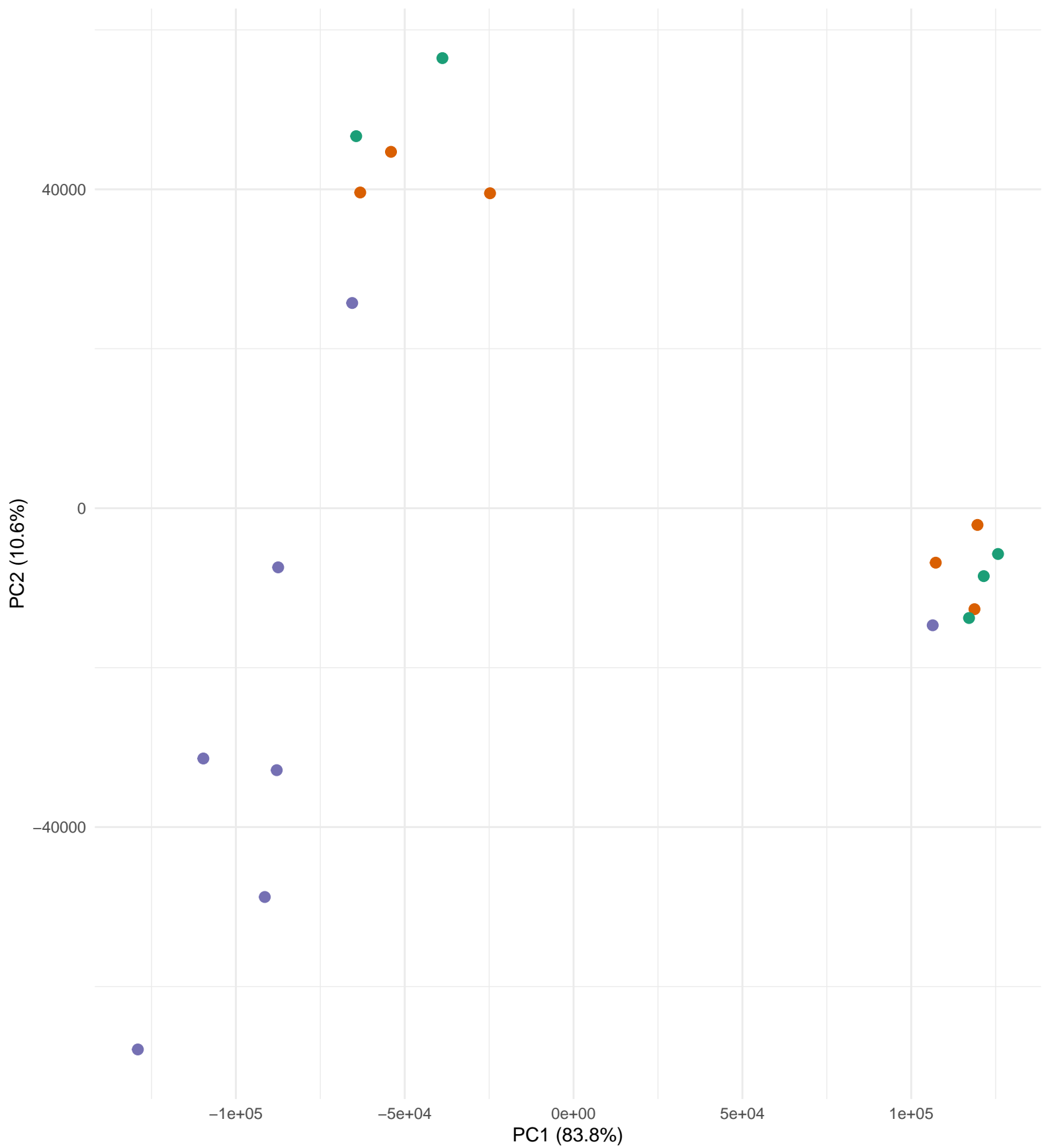
PCA por harmonized cell line



PCA por harmonized tissue type

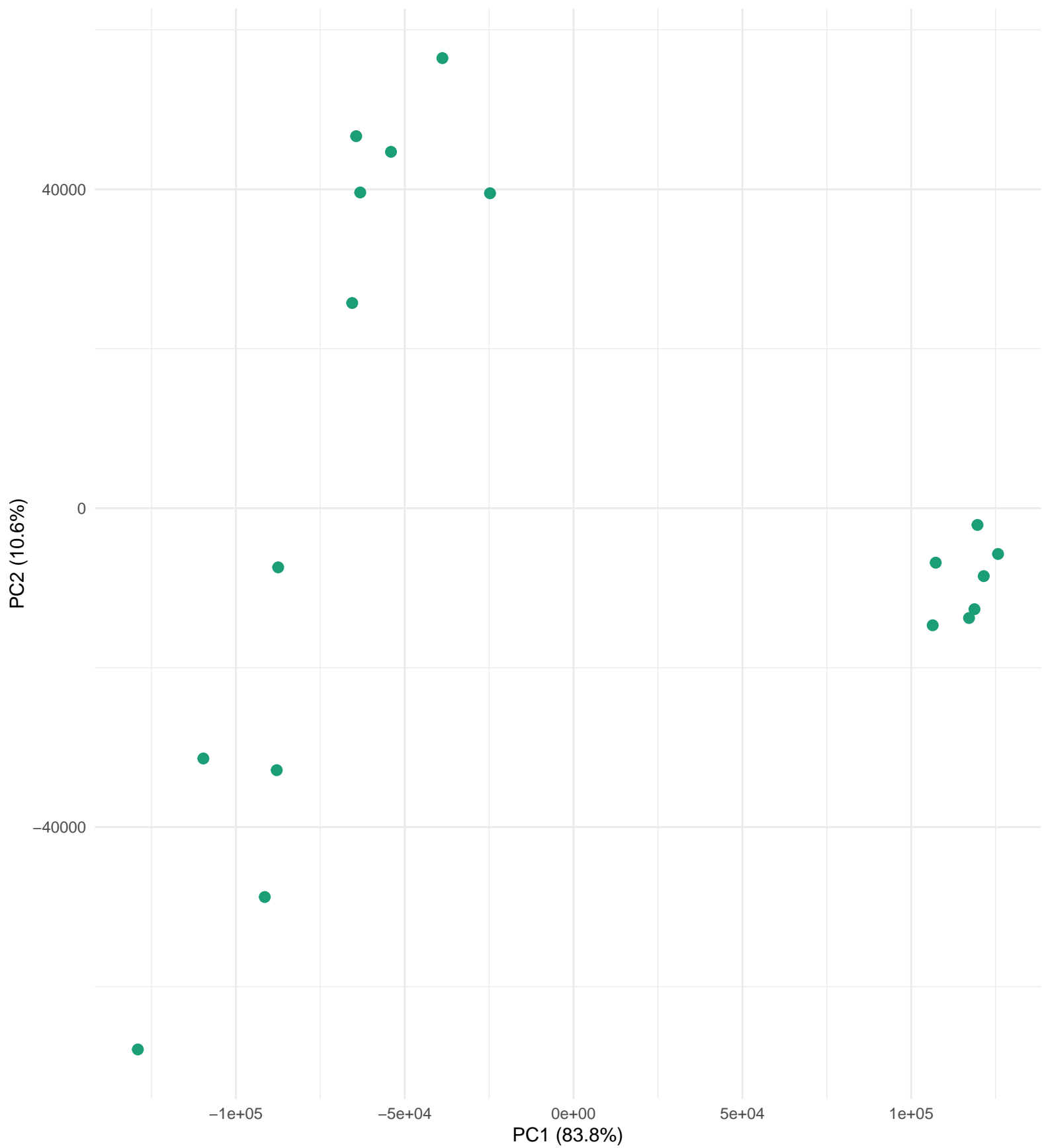


PCA por harmonized sample ontology curie



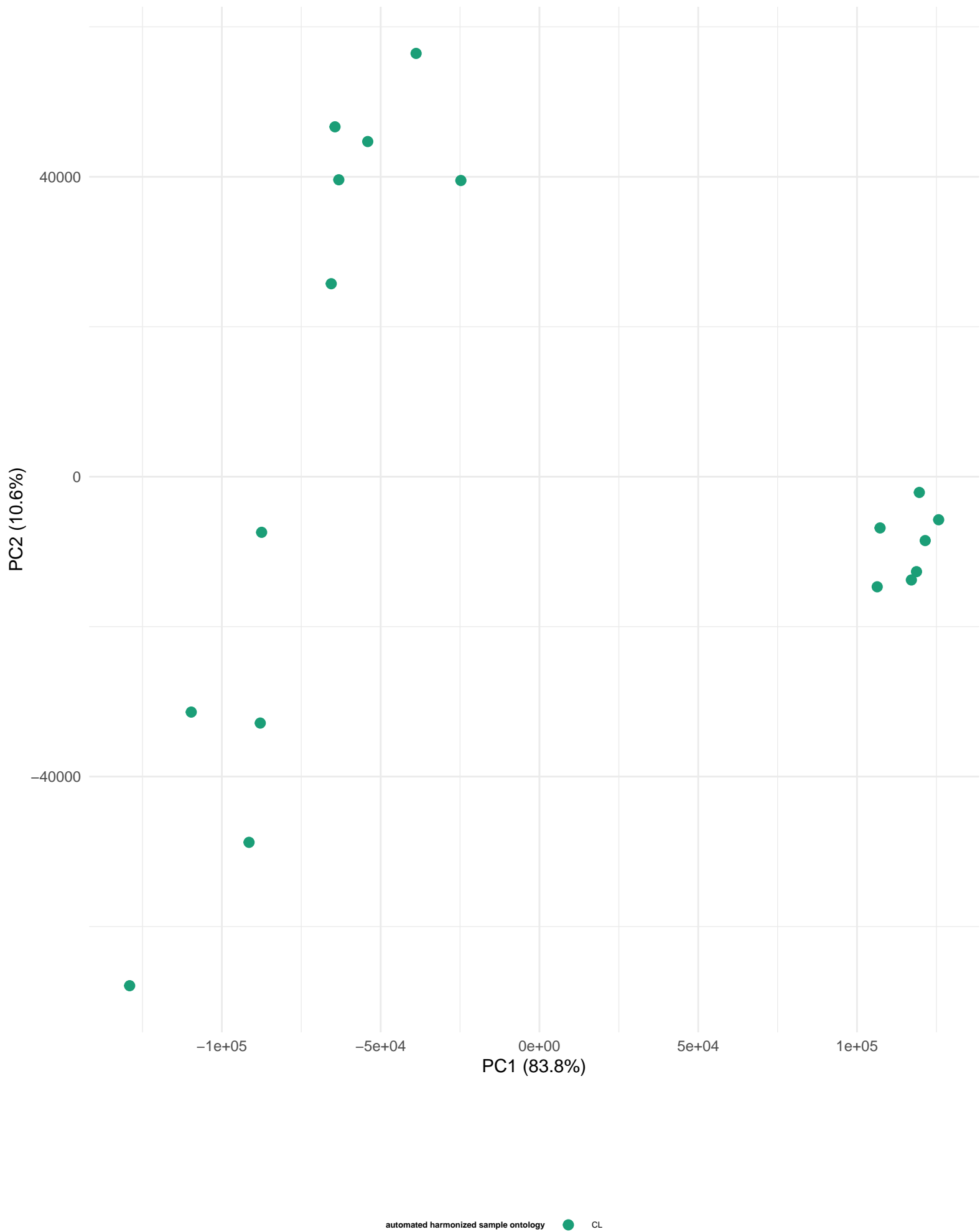
harmonized sample ontology curie CL:0000235 CL:0000863 CL:0000890

PCA por harmonized cell markers

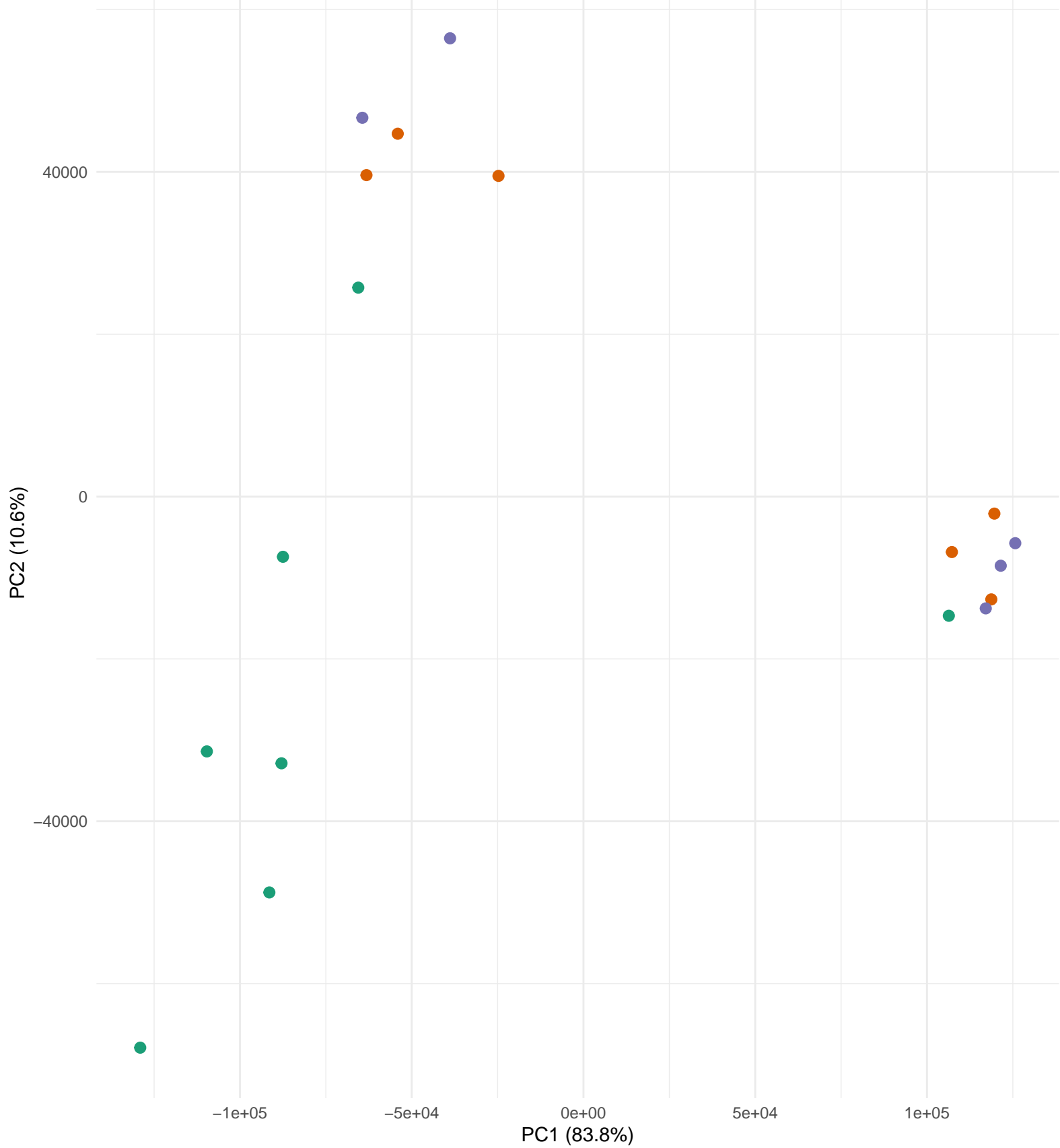


harmonized cell markers ● CCR7+ CD25+ CD14+ CD40+ CD206+ CD36+ CD45+

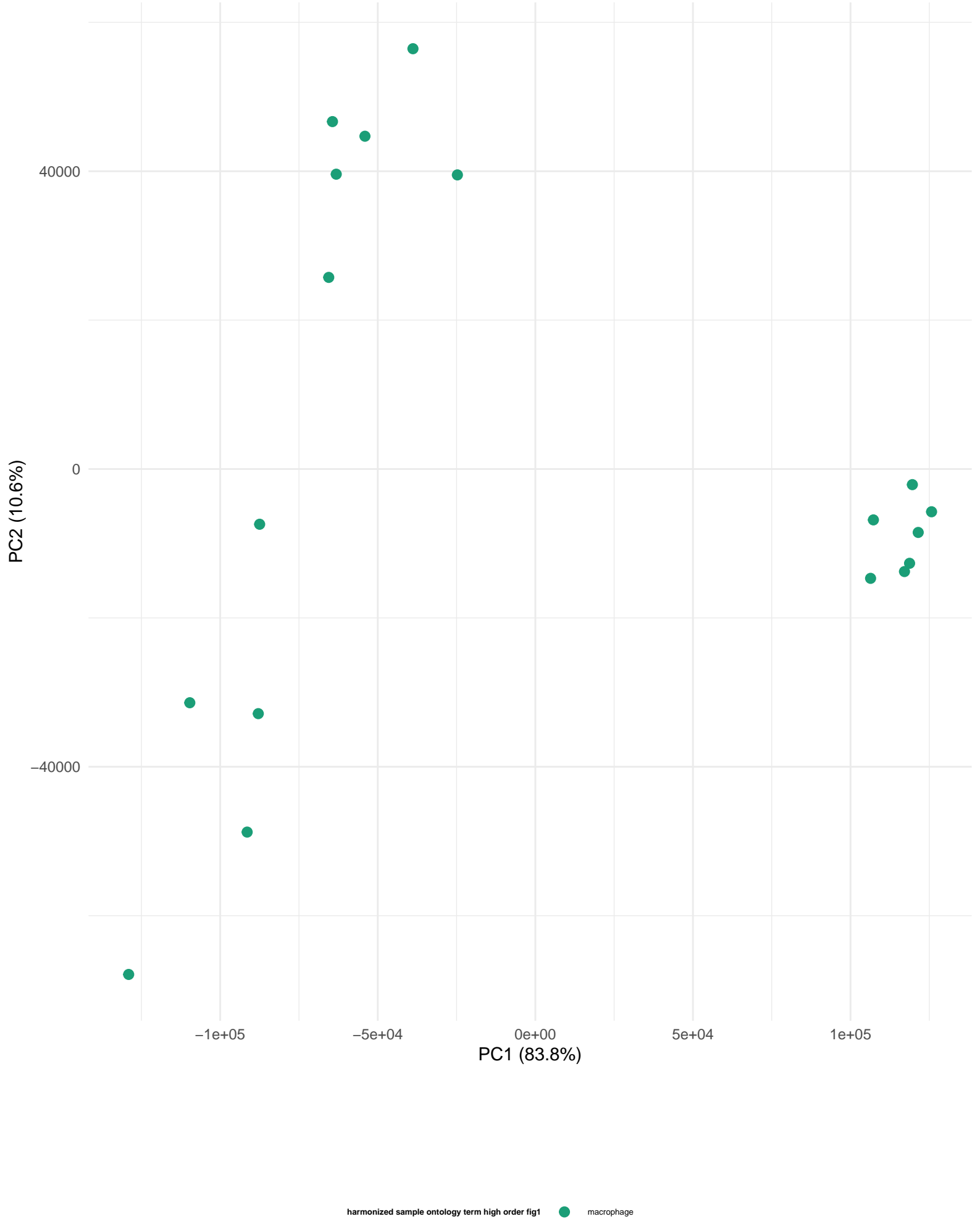
PCA por automated harmonized sample ontology



PCA por automated harmonized sample ontology term

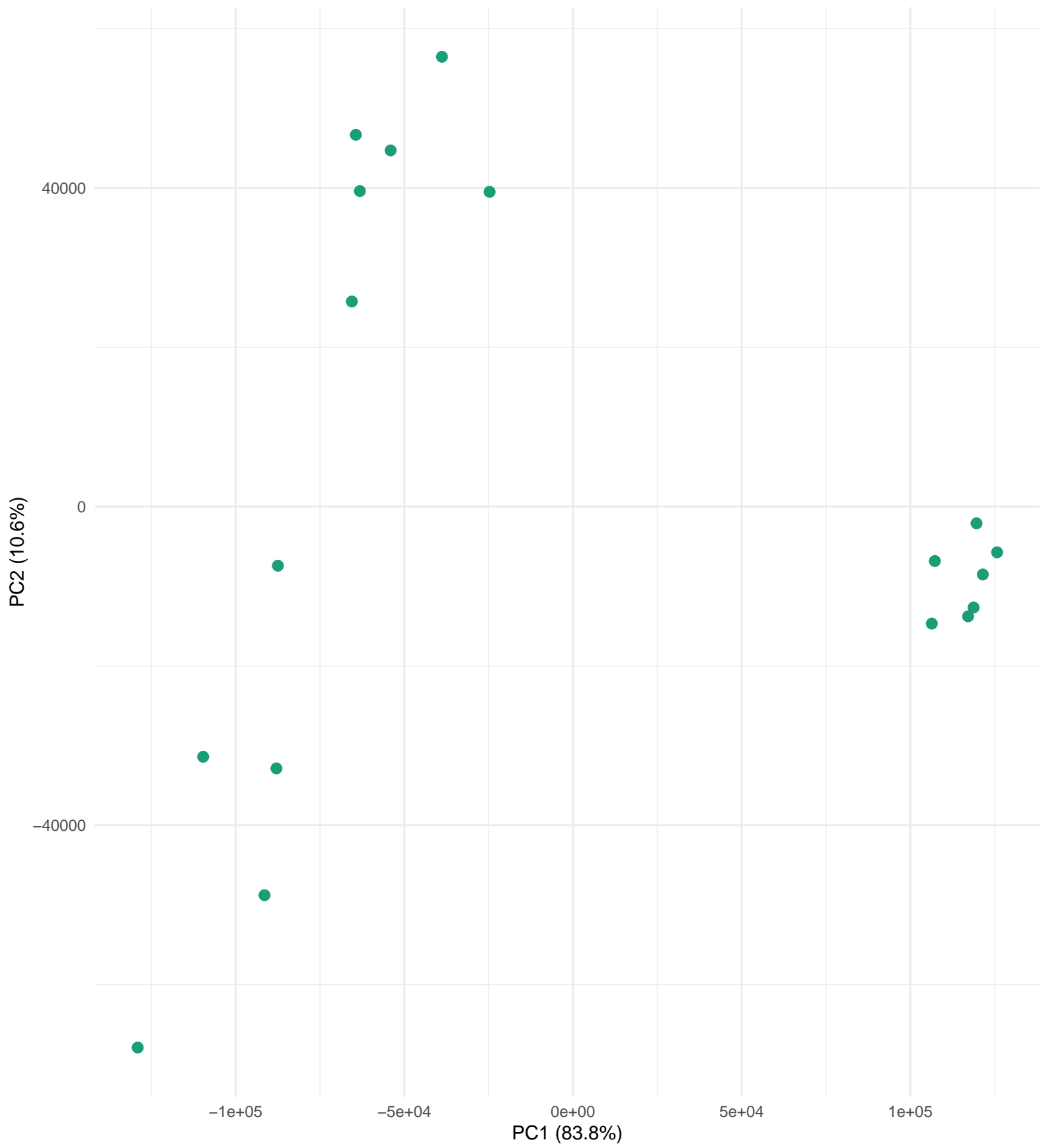


PCA por harmonized sample ontology term high order fig1



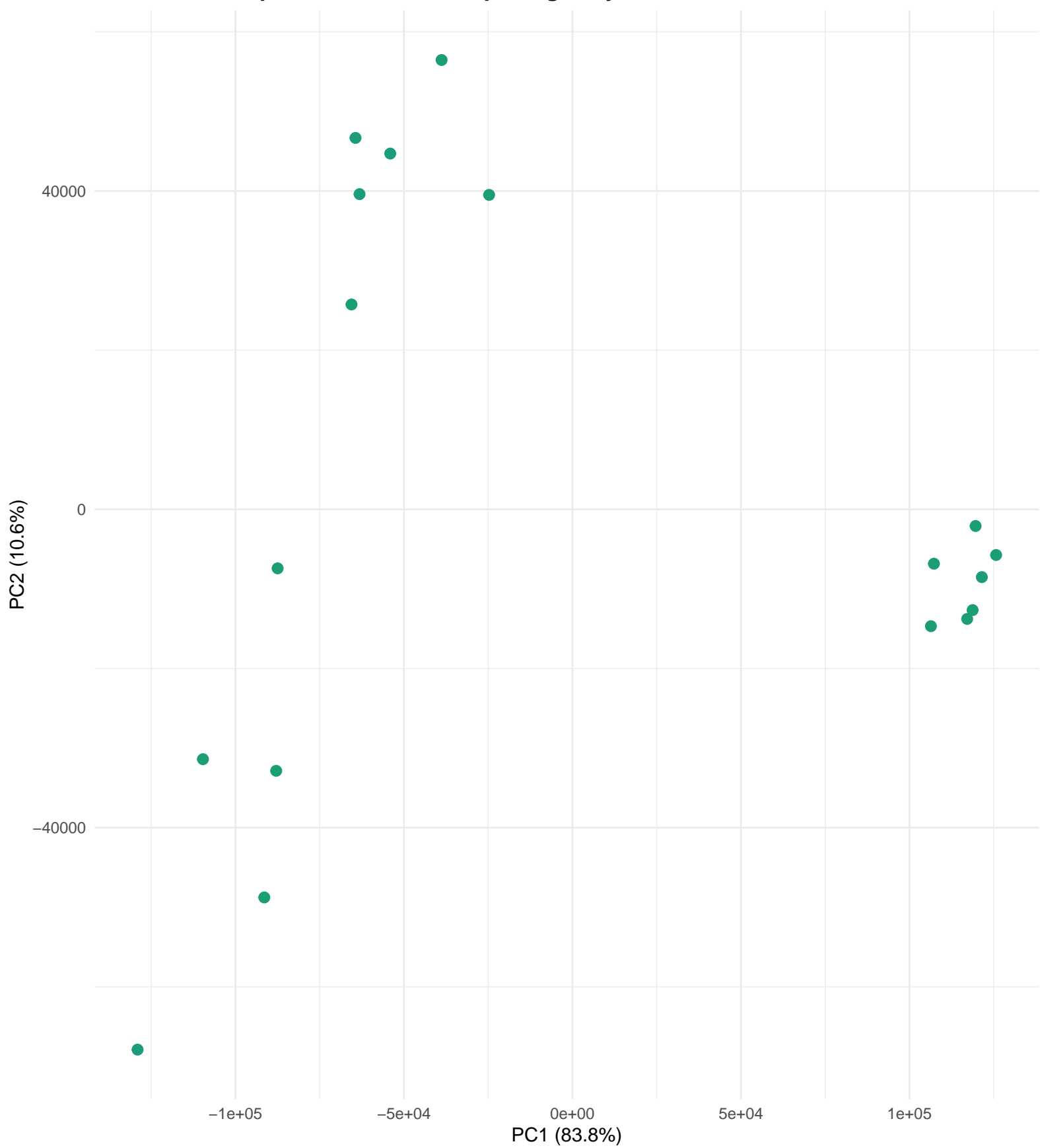


PCA por harmonized sample ontology term high order fig1 color



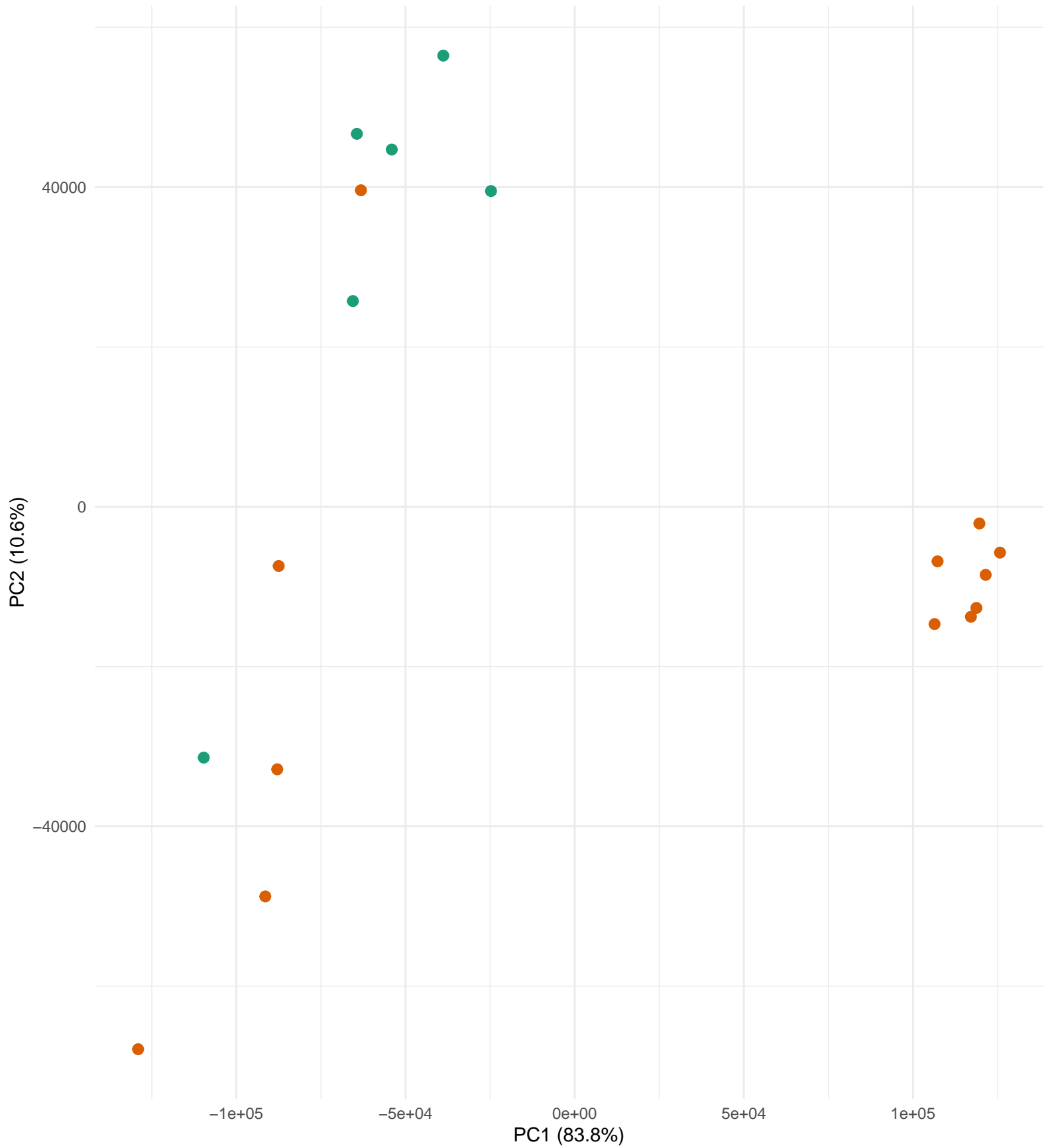
harmonized sample ontology term high order fig1 color 191,134,235

PCA por harmonized sample organ system order AnetaMikulasova



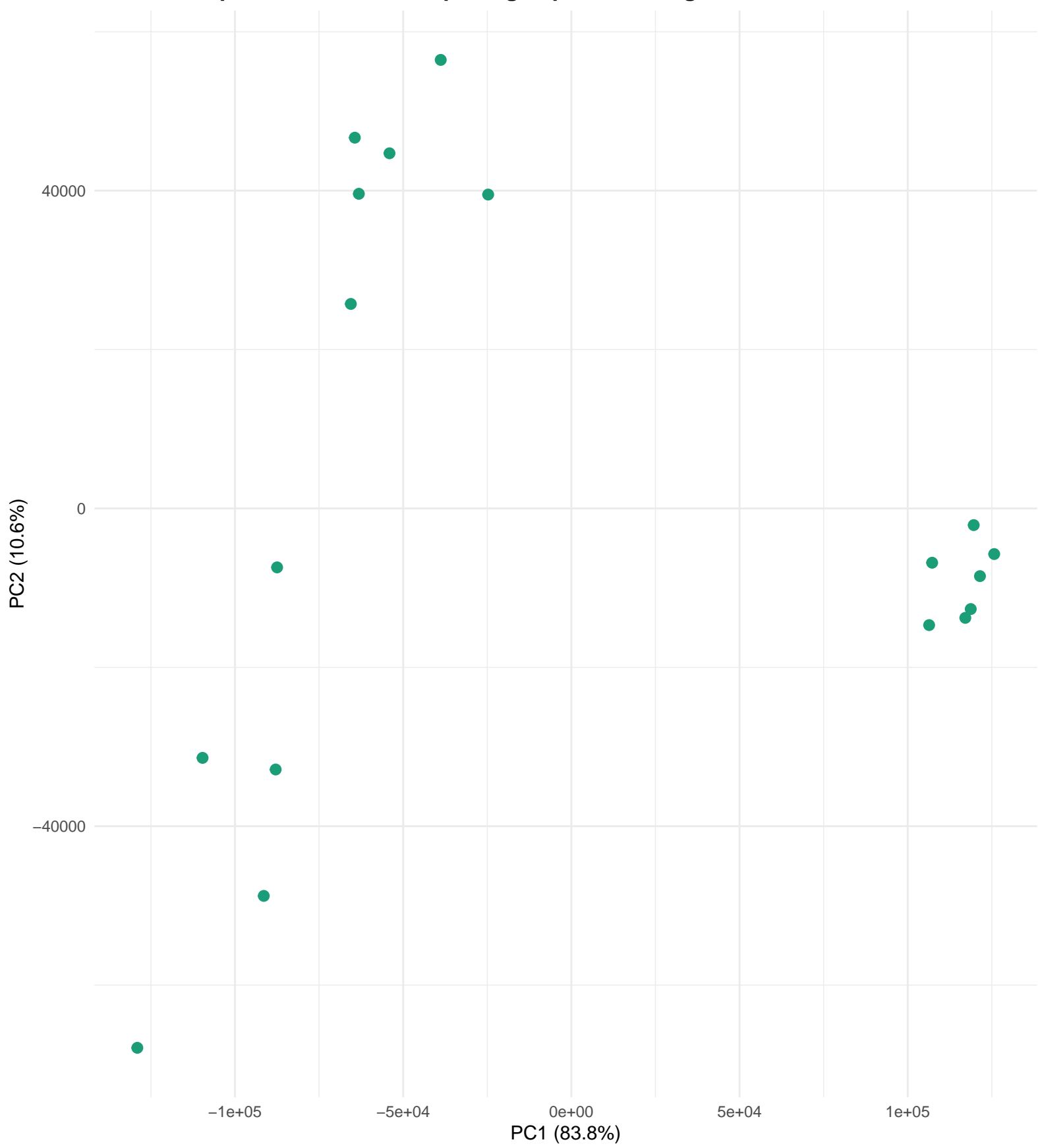
harmonized sample organ system order AnetaMikulasova Immune System

PCA por harmonized sample organ order AnetaMikulasova



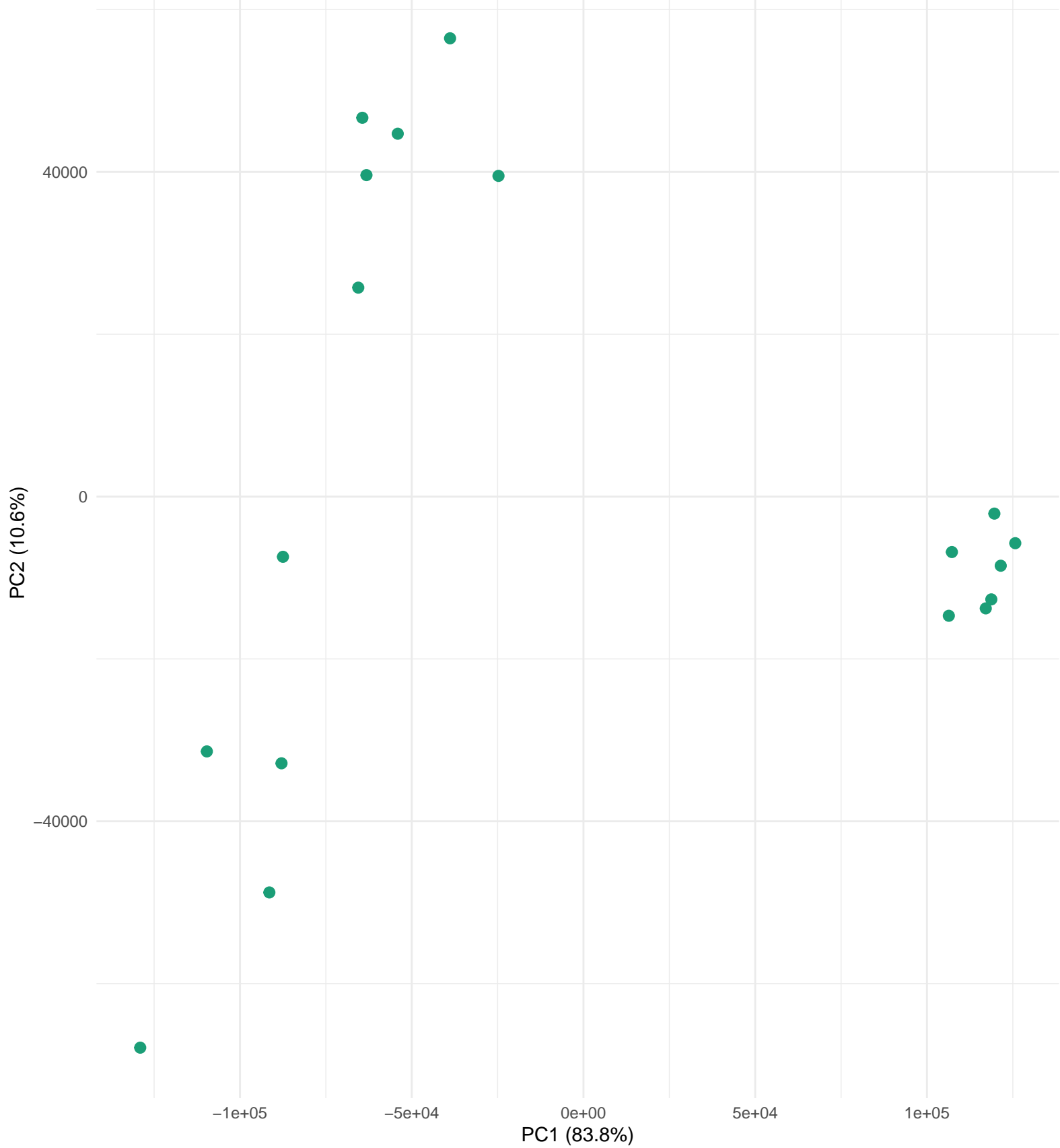
harmonized sample organ order AnetaMikulasova    ● blood-umbilical-cord    ● blood-venous

PCA por harmonized sample organ part or lineage order AnetaMikulasova



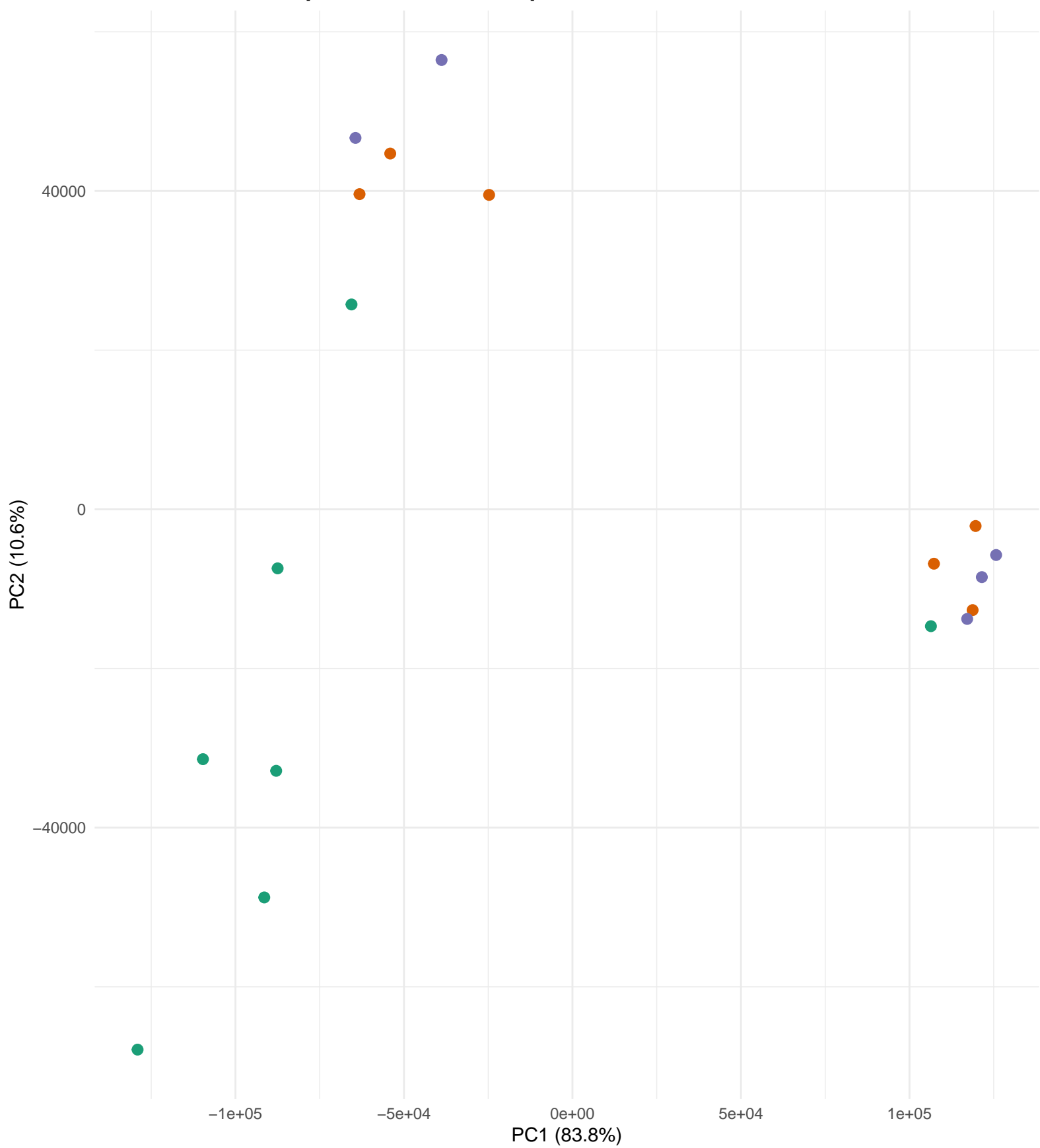
harmonized sample organ part or lineage order AnetaMikulasova ● myeloid

PCA por harmonized sample cell order AnetaMikulasova



harmonized sample cell order AnetaMikulasova    ●    macrophage

PCA por harmonized sample cell 2 order AnetaMikulasova



harmonized sample cell 2 order AnetaMikulasova



alternatively-activated

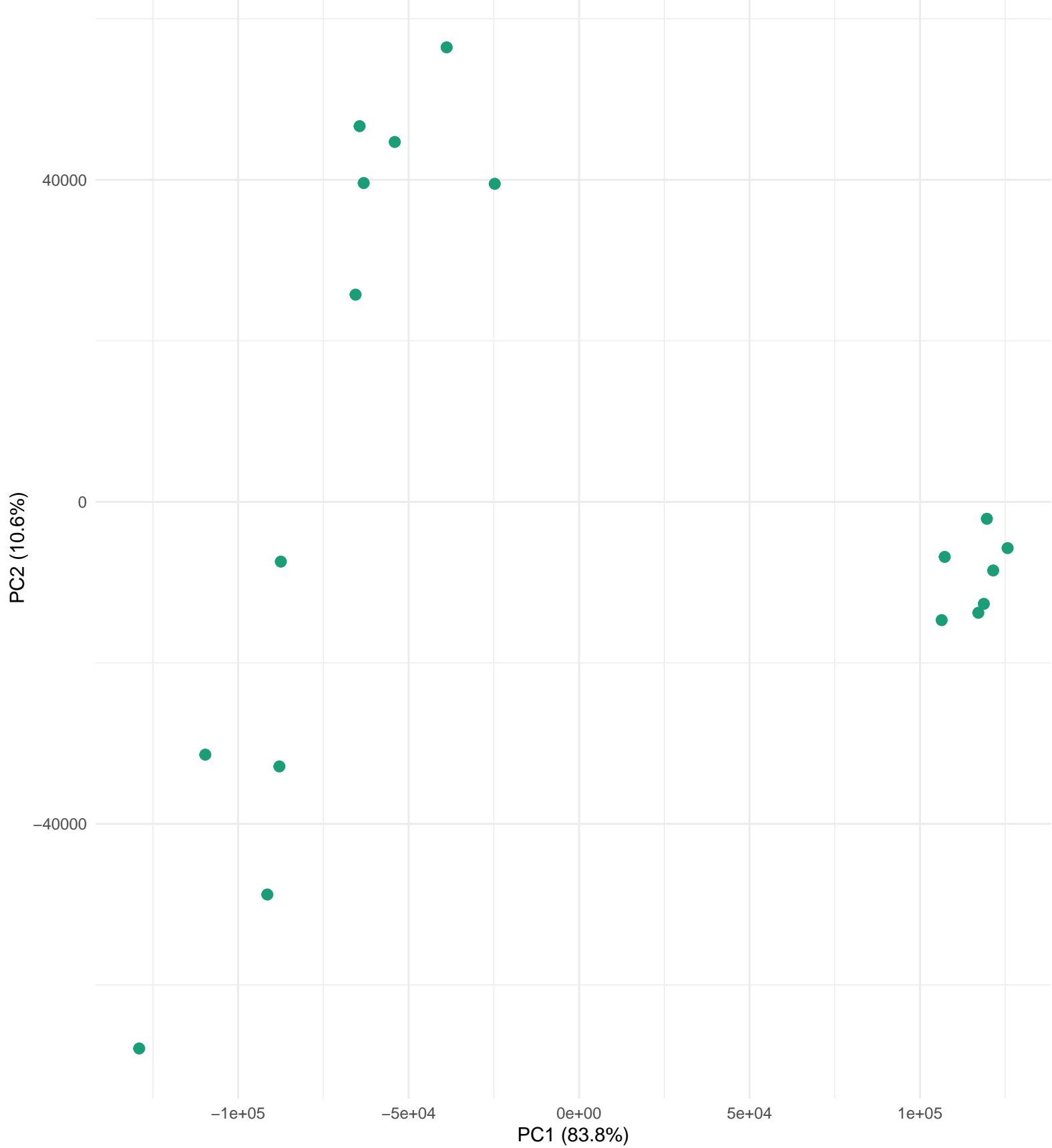


inflammatory



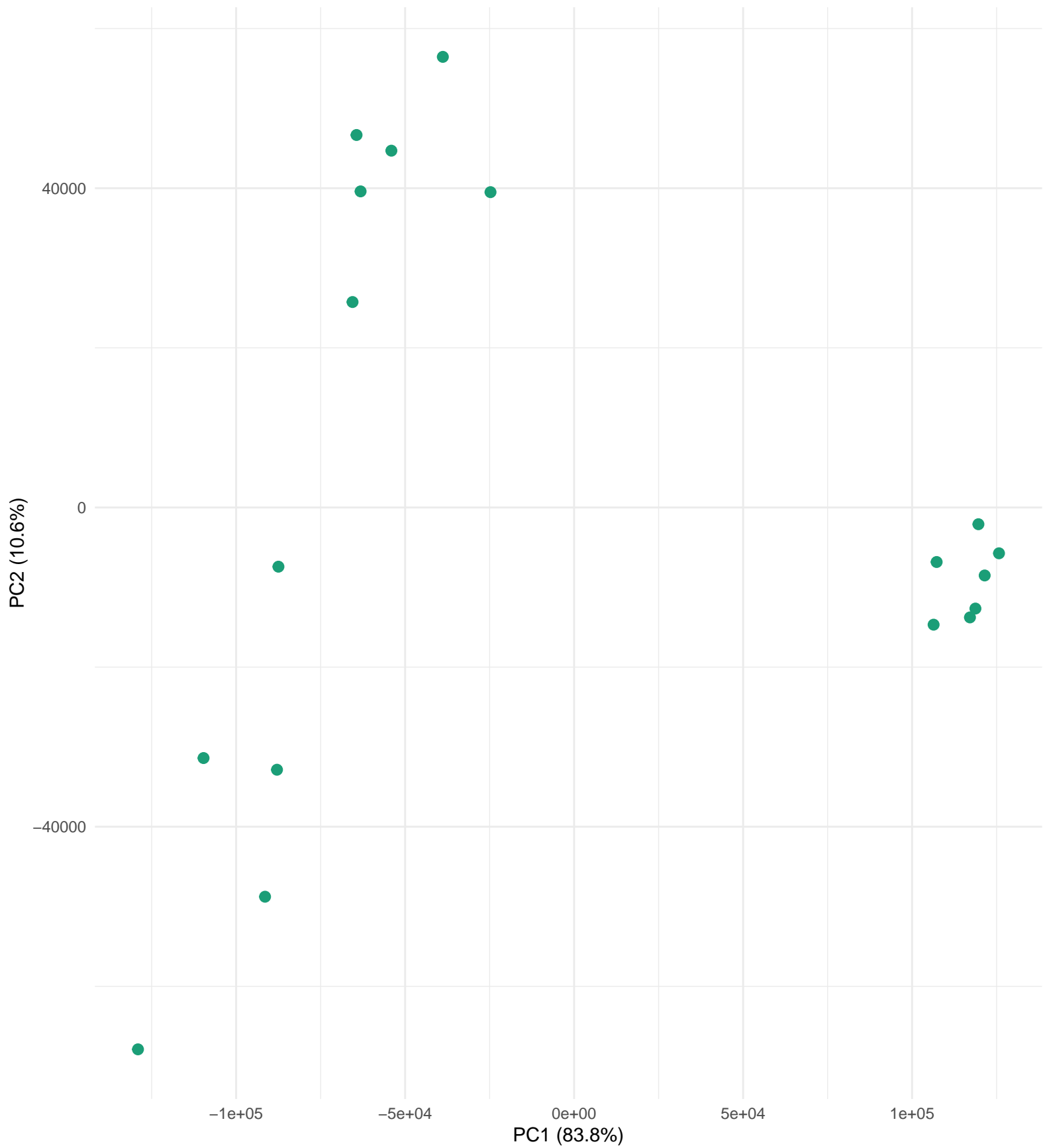
x

PCA por harmonized sample cell 3 order AnetaMikulasova



harmonized sample cell 3 order AnetaMikulasova ● x

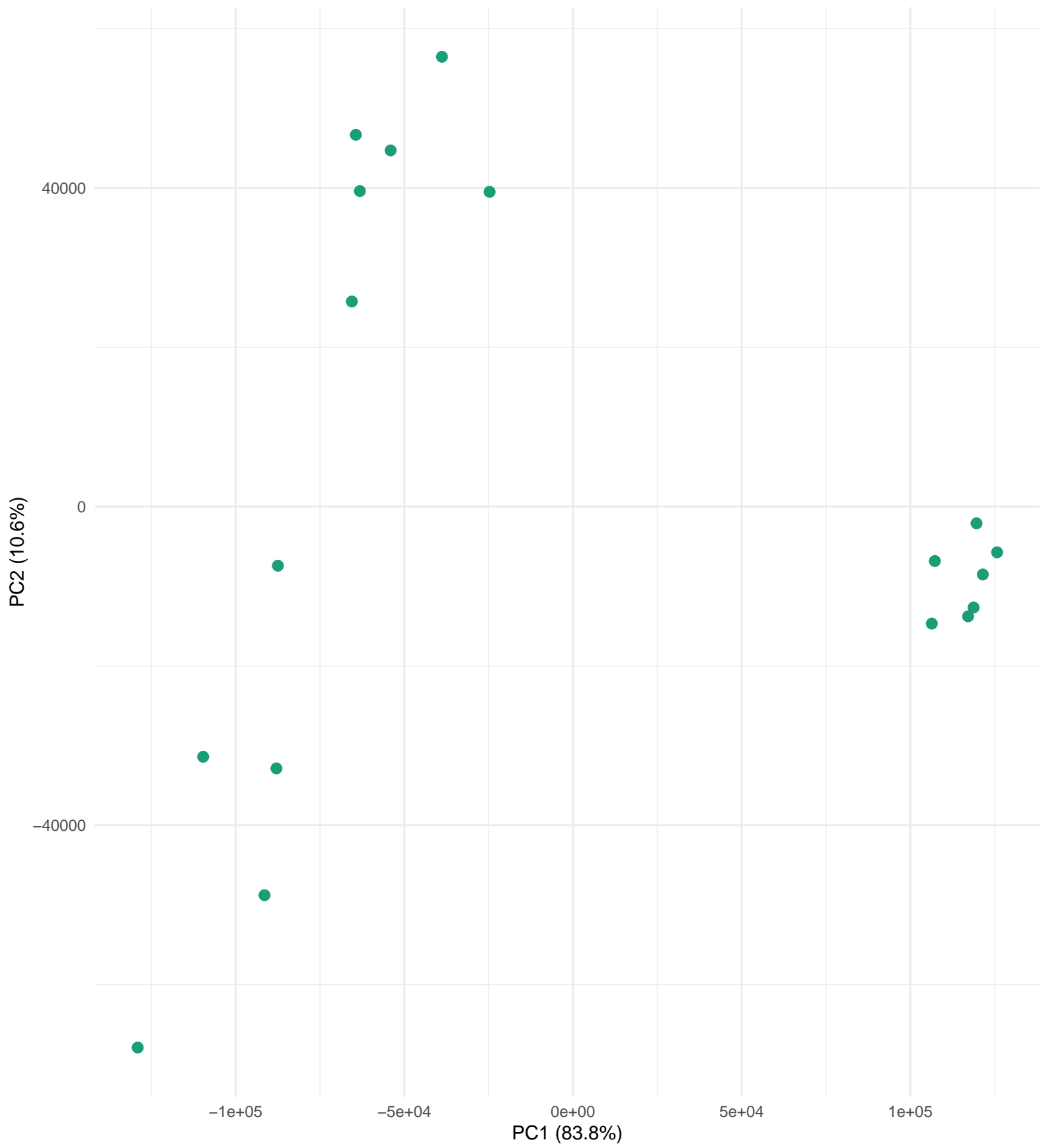
PCA por harmonized sample cancer type order AnetaMikulasova



harmonized sample cancer type order AnetaMikulasova x



PCA por harmonized sample cancer subtype order AnetaMikulasova



harmonized sample cancer subtype order AnetaMikulasova

x

PCA por harmonized sample disease

PC2 (10.6%)

40000

0

-40000

-1e+05

-5e+04

0e+00

5e+04

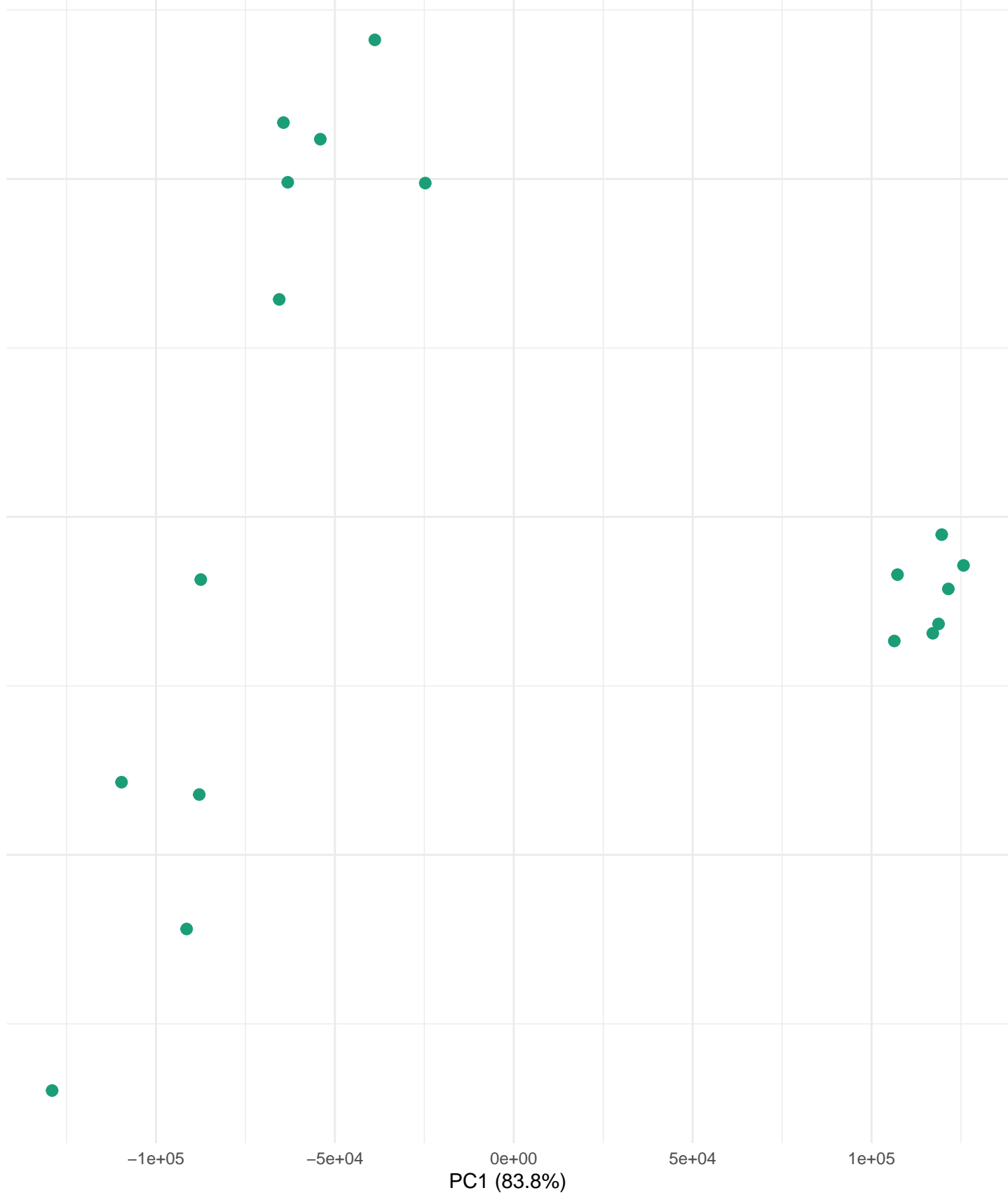
1e+05

PC1 (83.8%)

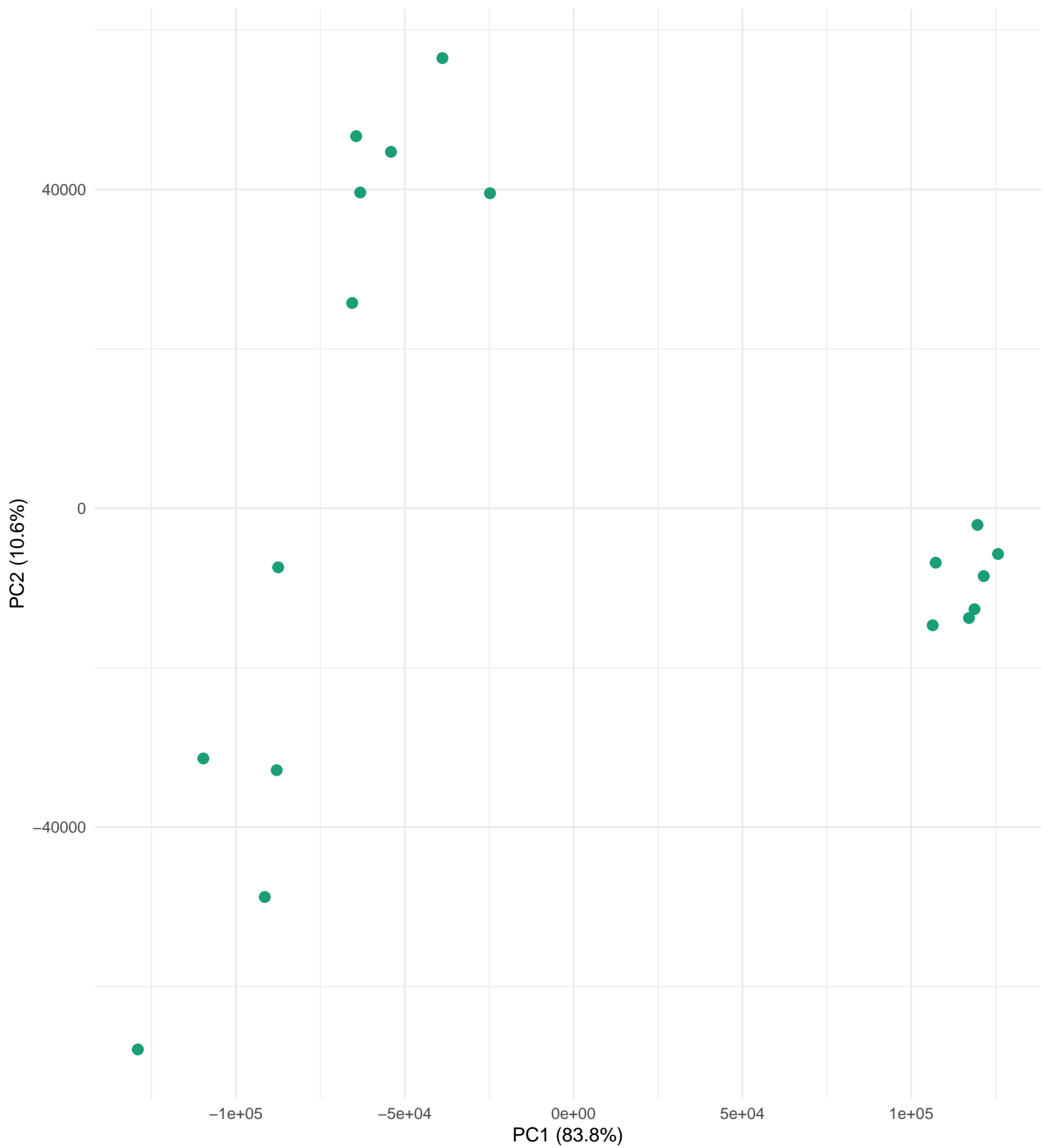
harmonized sample disease



None

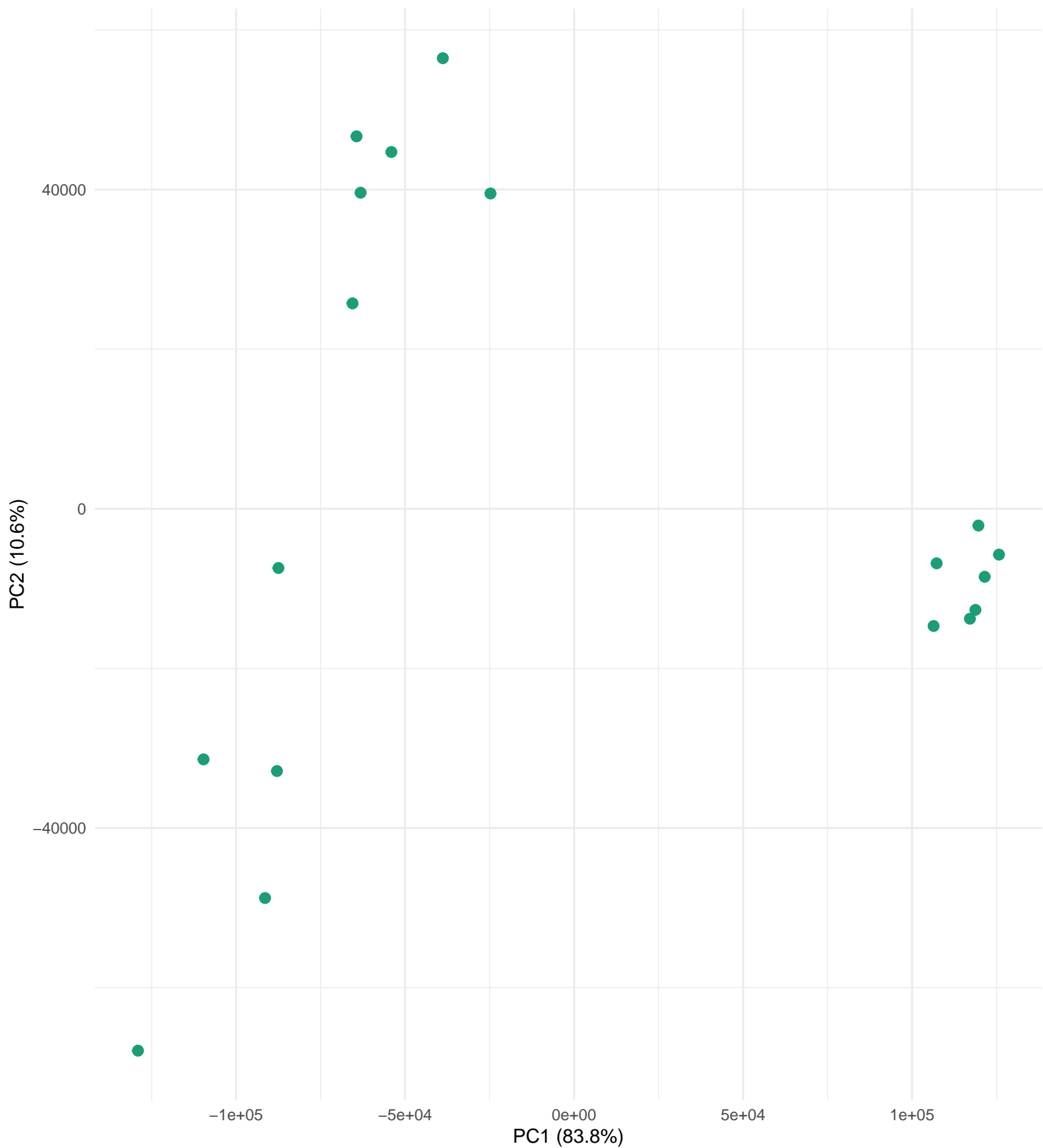


PCA por harmonized sample disease ontology curie



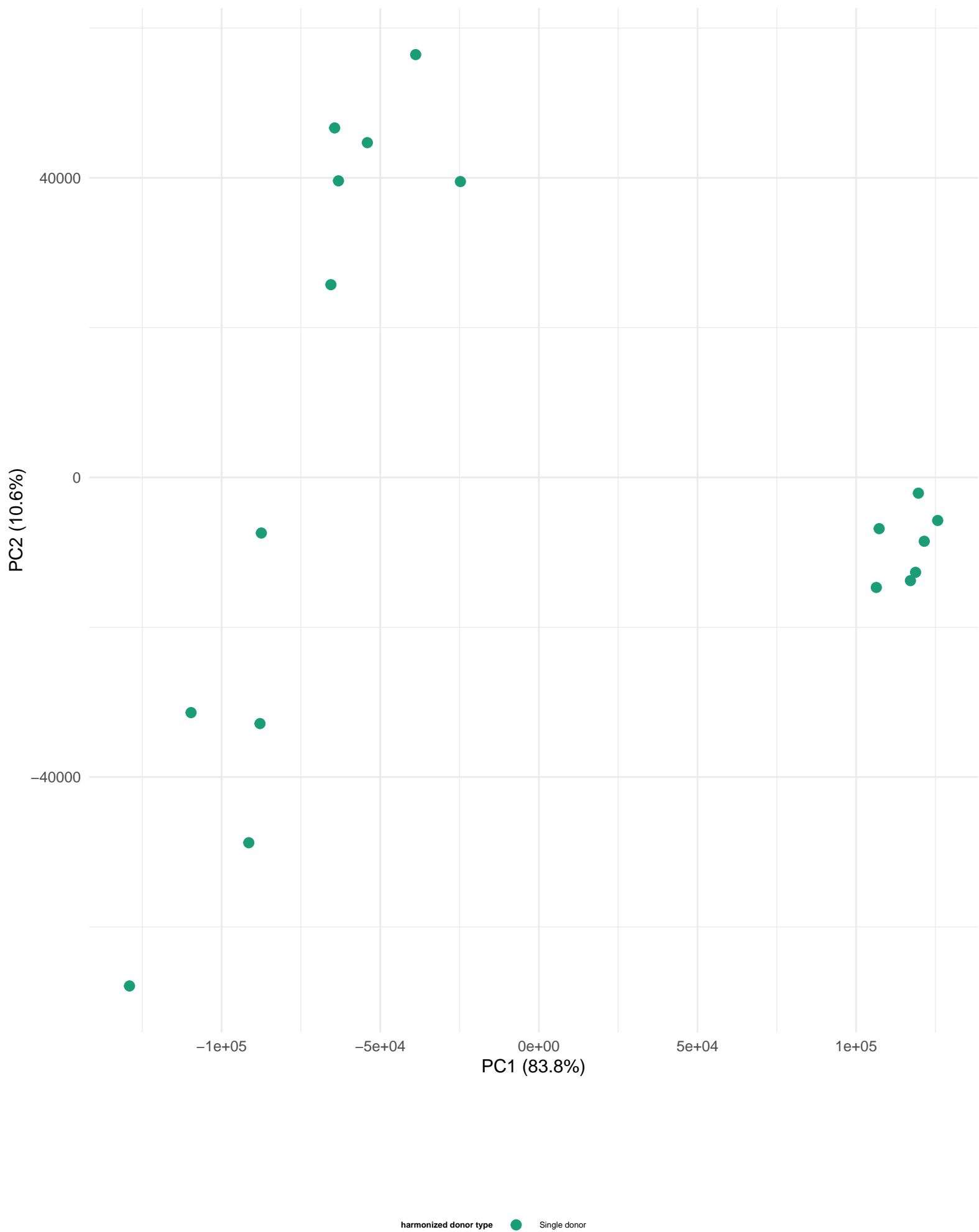
harmonized sample disease ontology curie ● NCIM:C0549184

PCA por automated harmonized sample disease ontology curie ncit

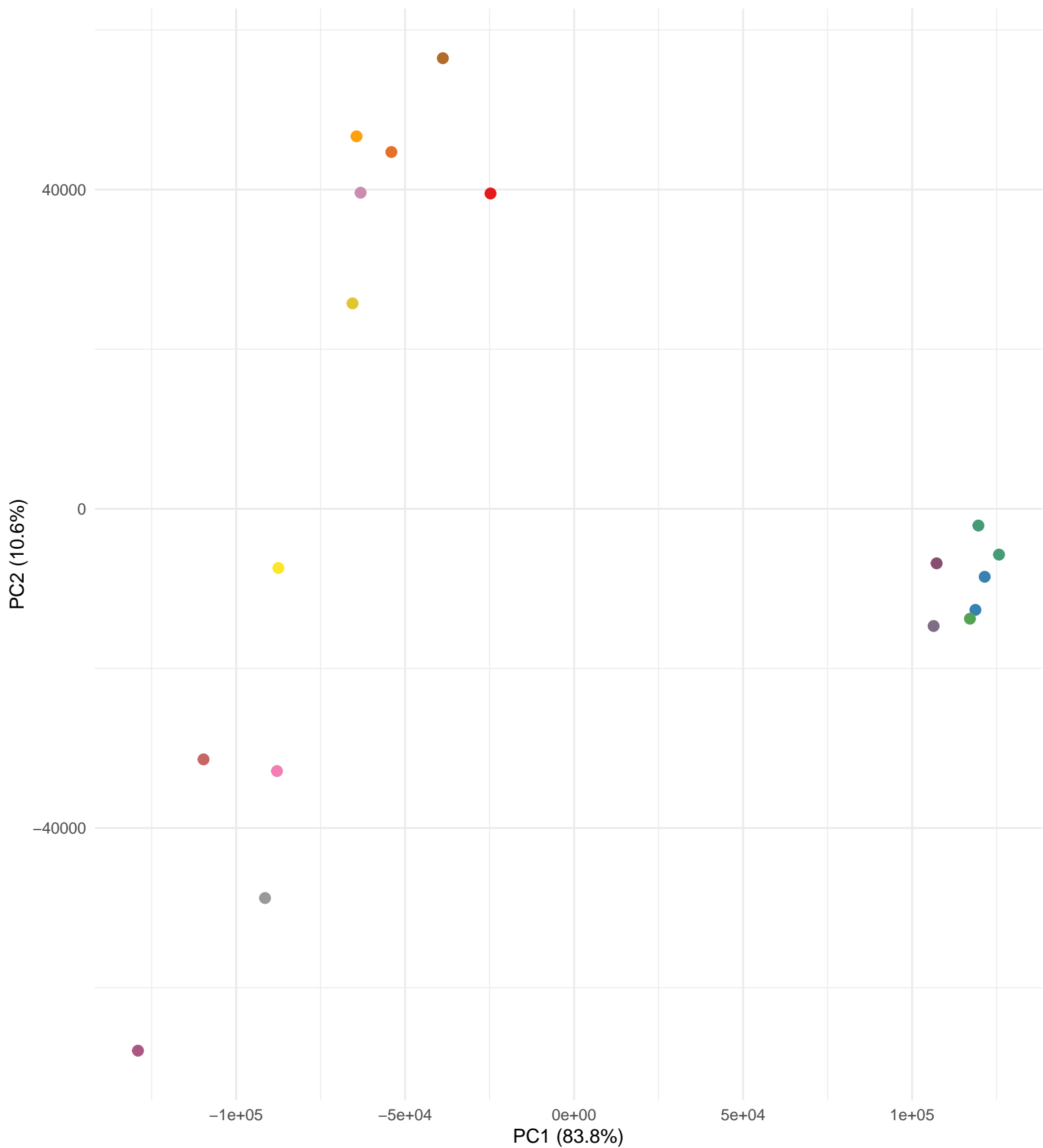


automated harmonized sample disease ontology curie ncit ● NCIT:C41132

PCA por harmonized donor type



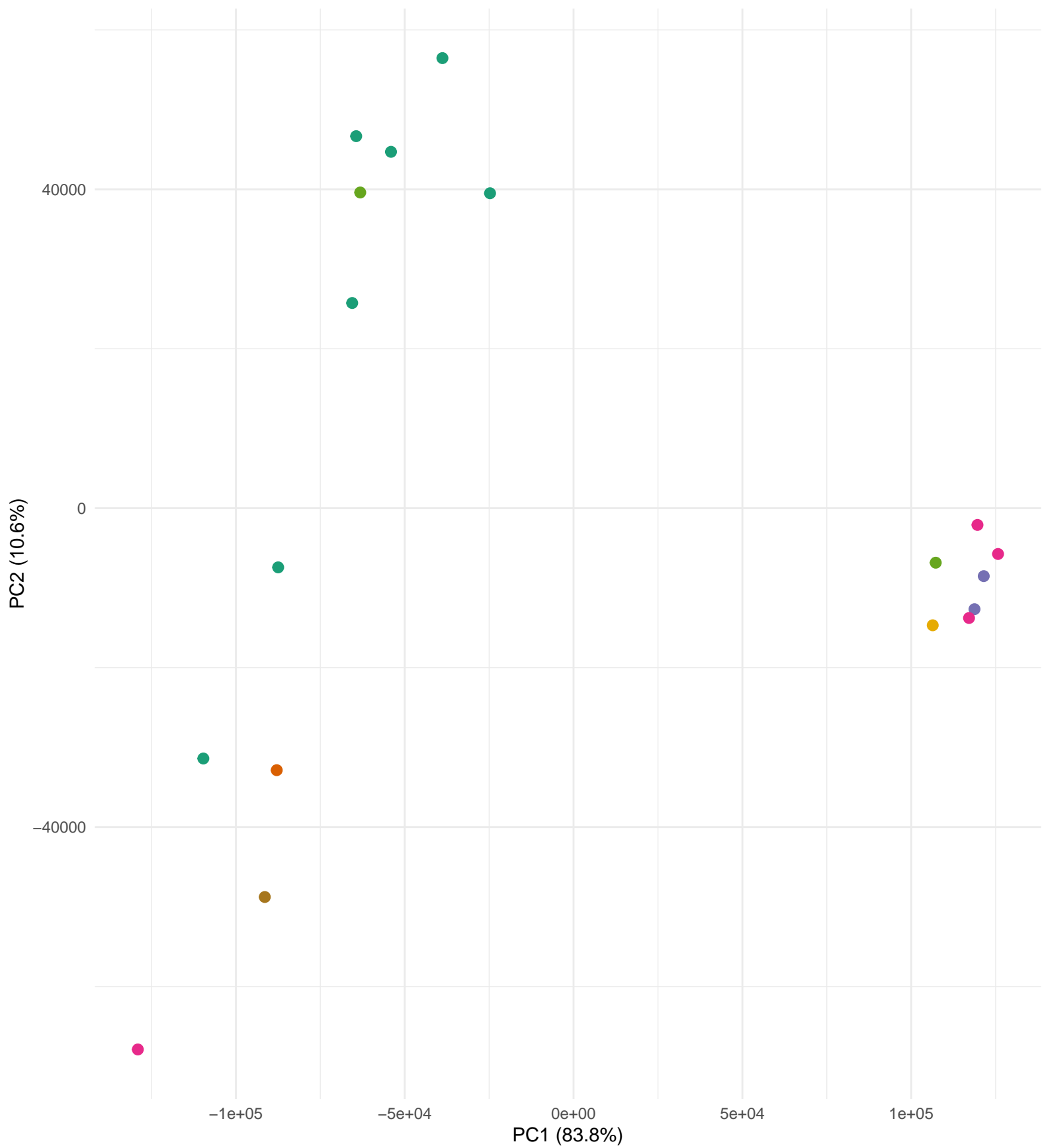
PCA por harmonized donor id



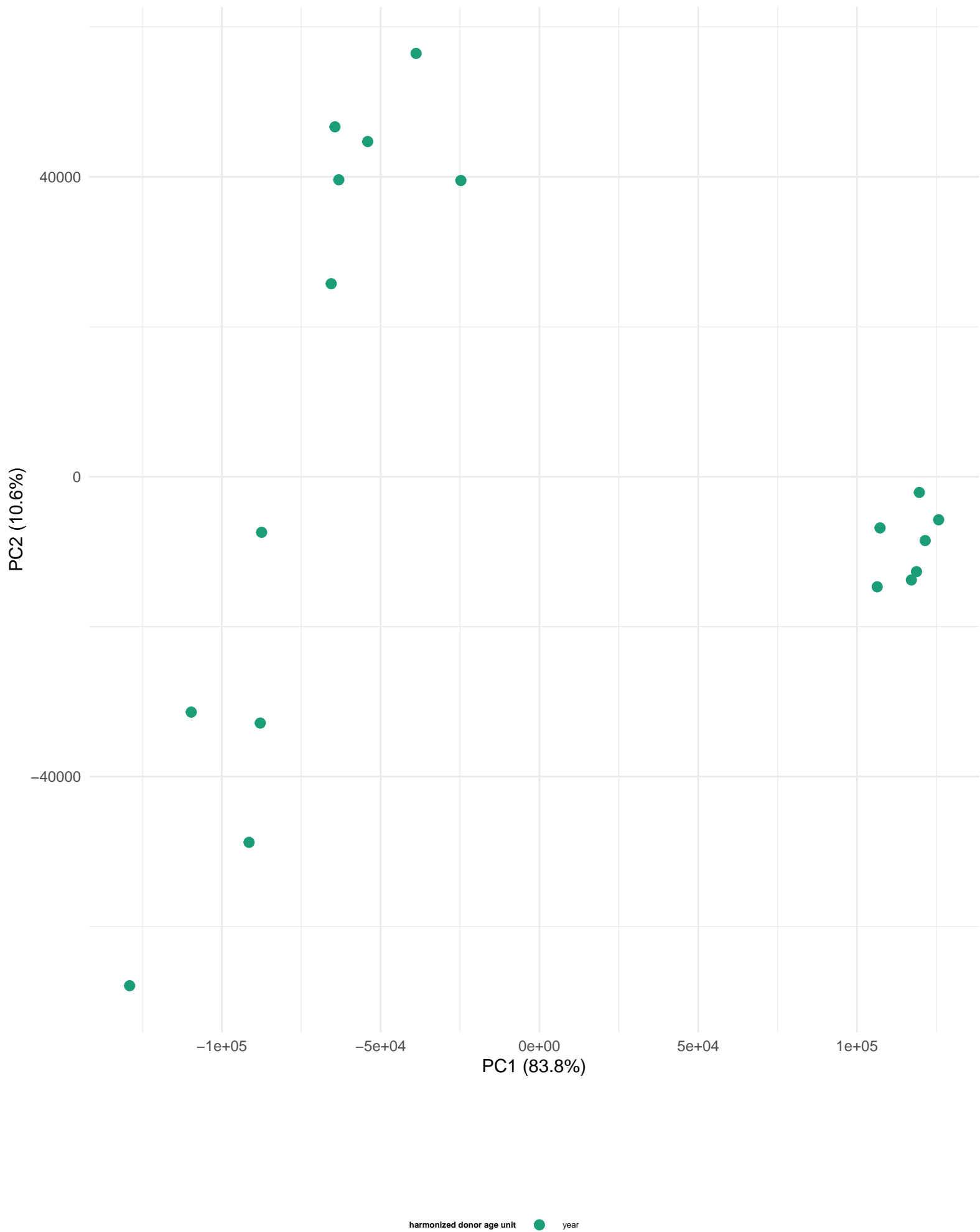
harmonized donor id



PCA por harmonized donor age

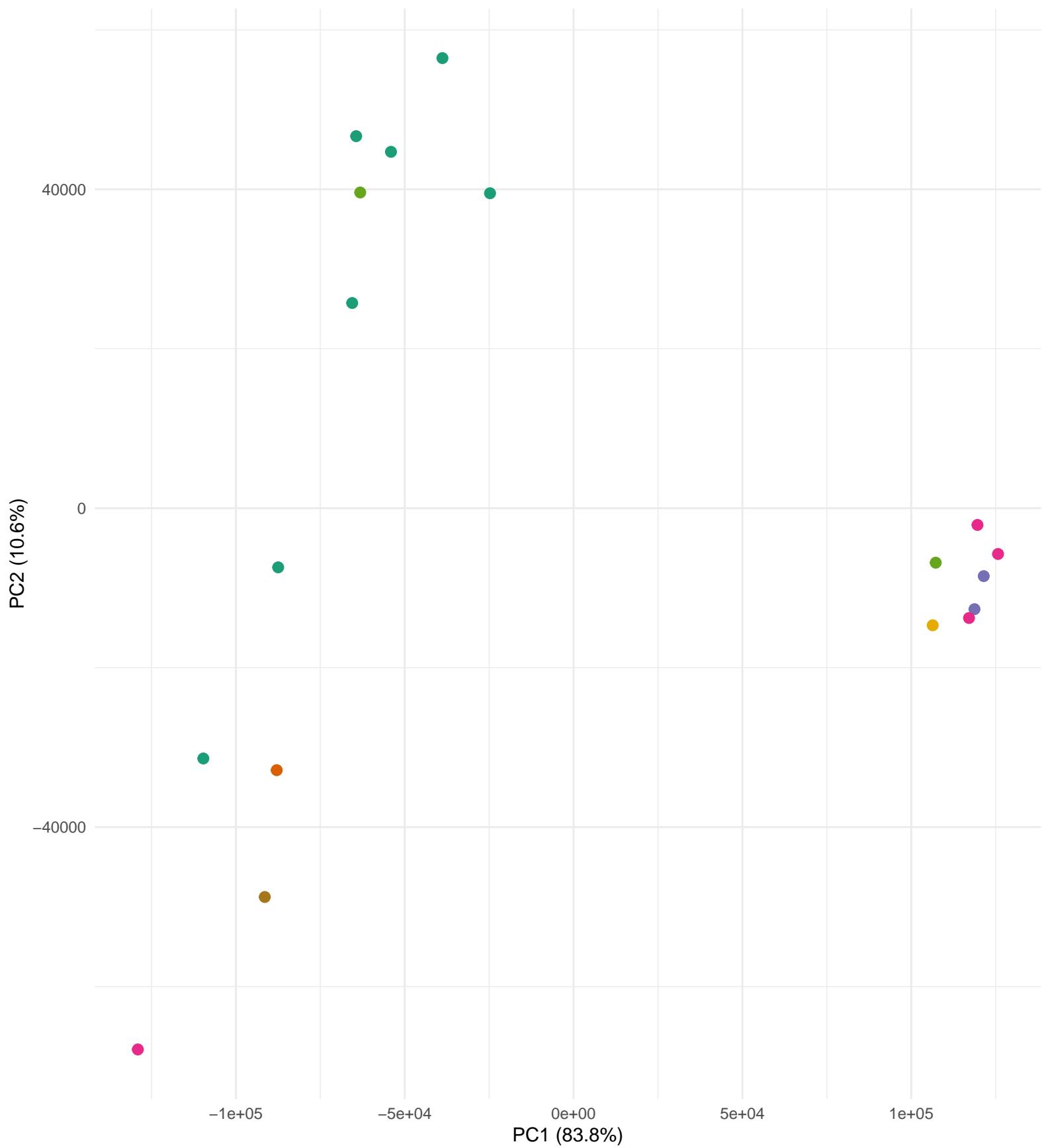


PCA por harmonized donor age unit

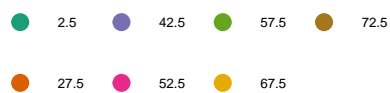




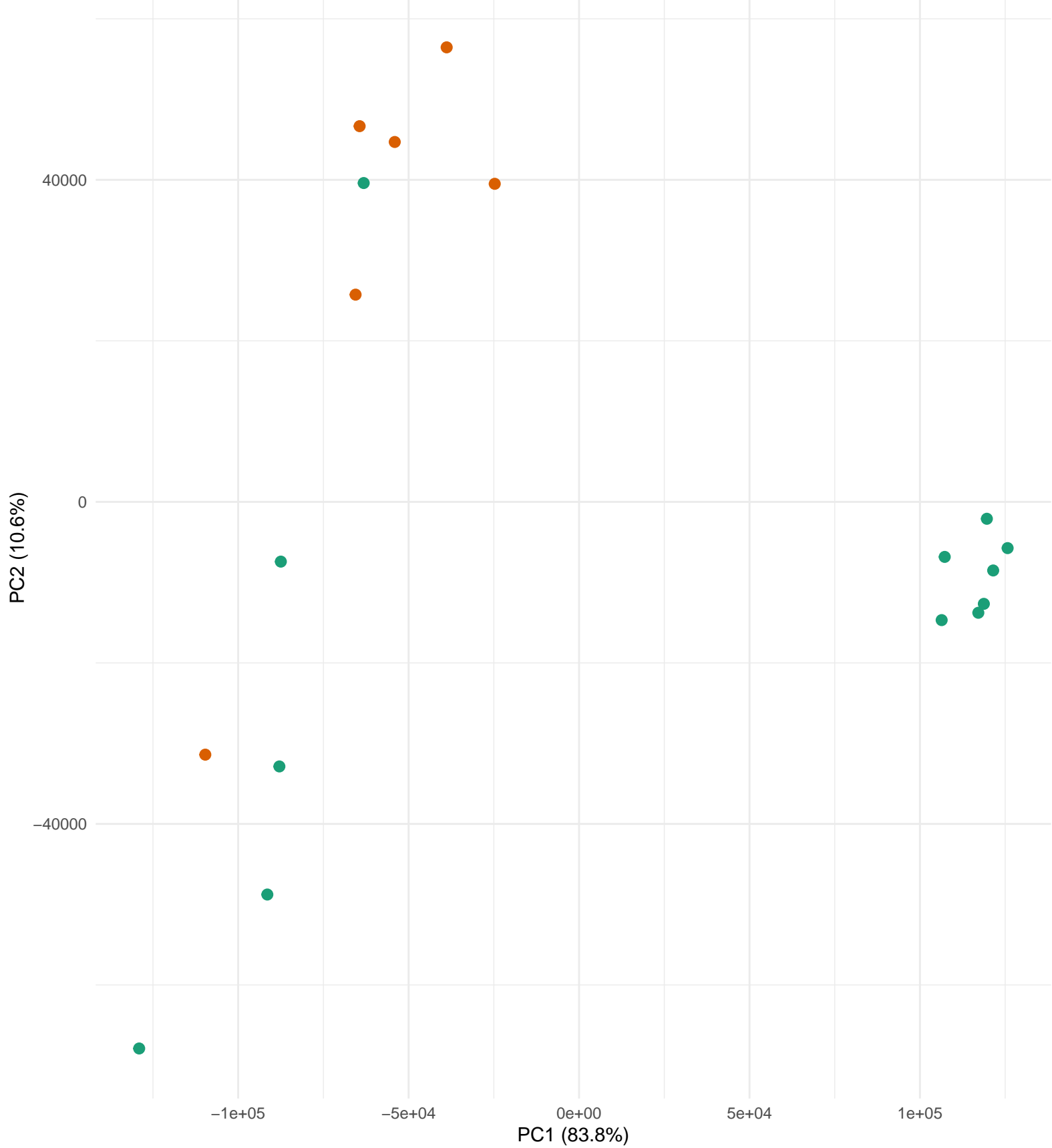
PCA por automated harmonized donor age in years



automated harmonized donor age in years



PCA por harmonized donor life stage

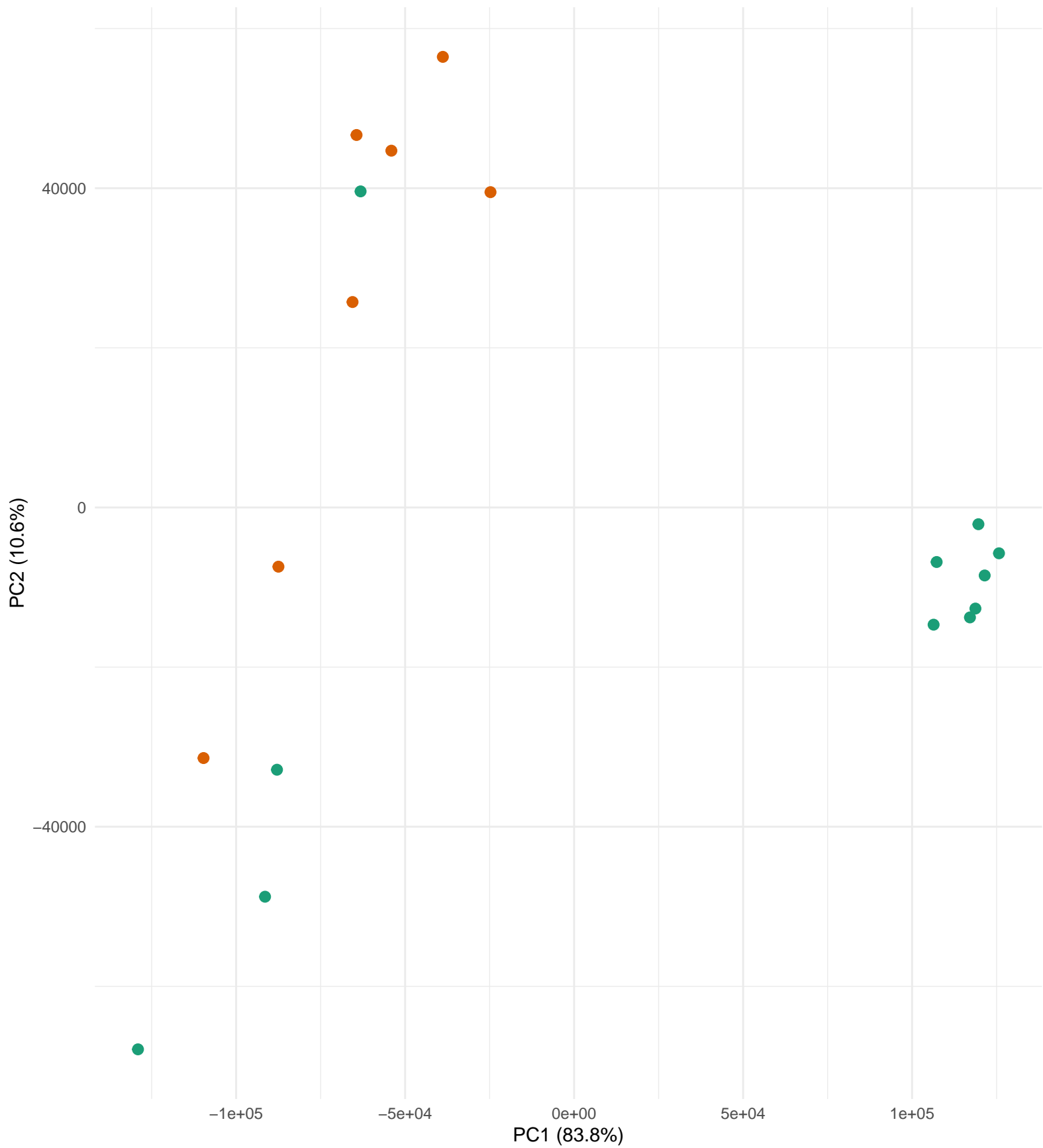


harmonized donor life stage

adult

child

PCA por harmonized donor life stage uncorrected



harmonized donor life stage uncorrected

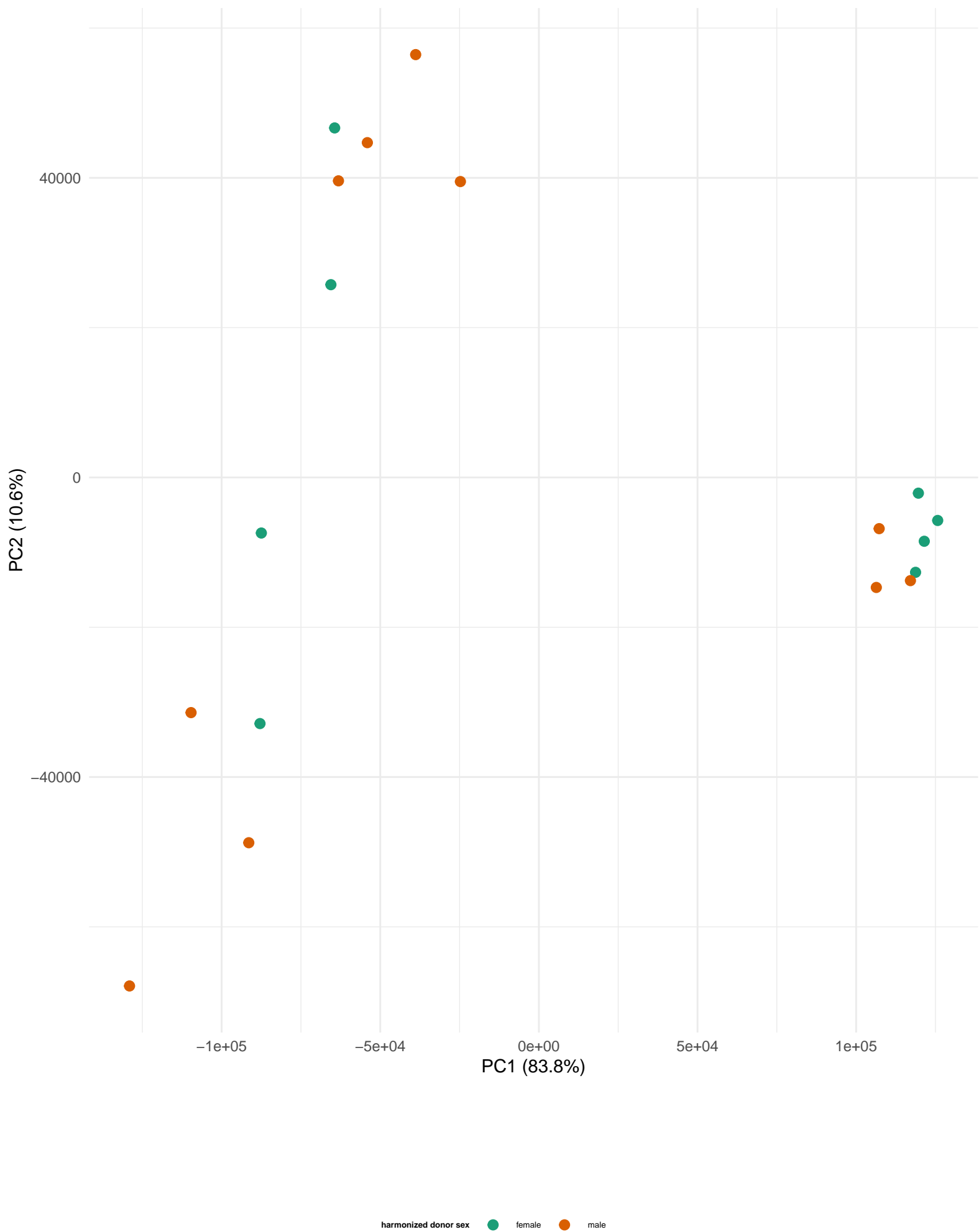


adult



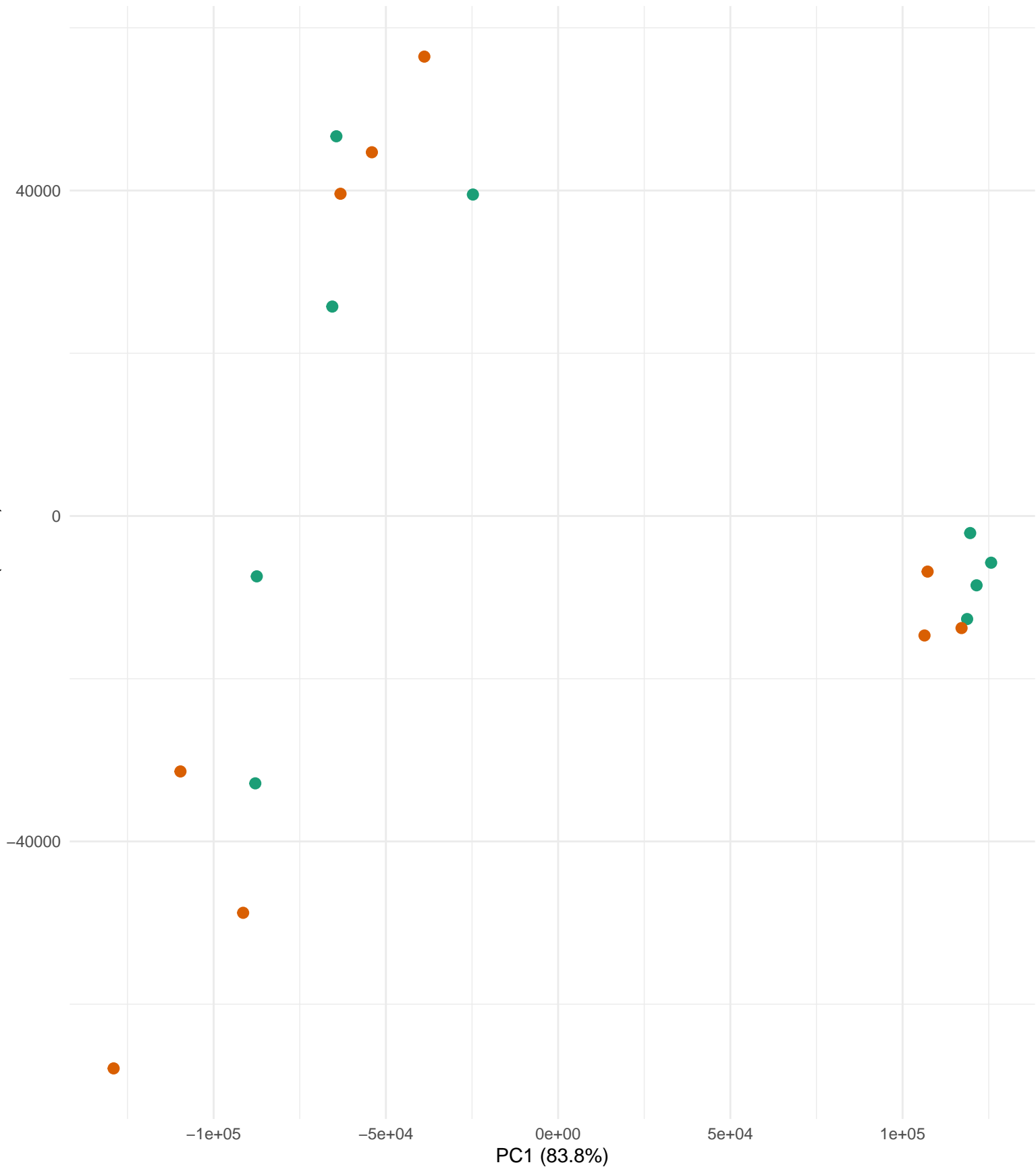
child

PCA por harmonized donor sex



PCA por harmonized donor sex uncorrected

PC2 (10.6%)



harmonized donor sex uncorrected

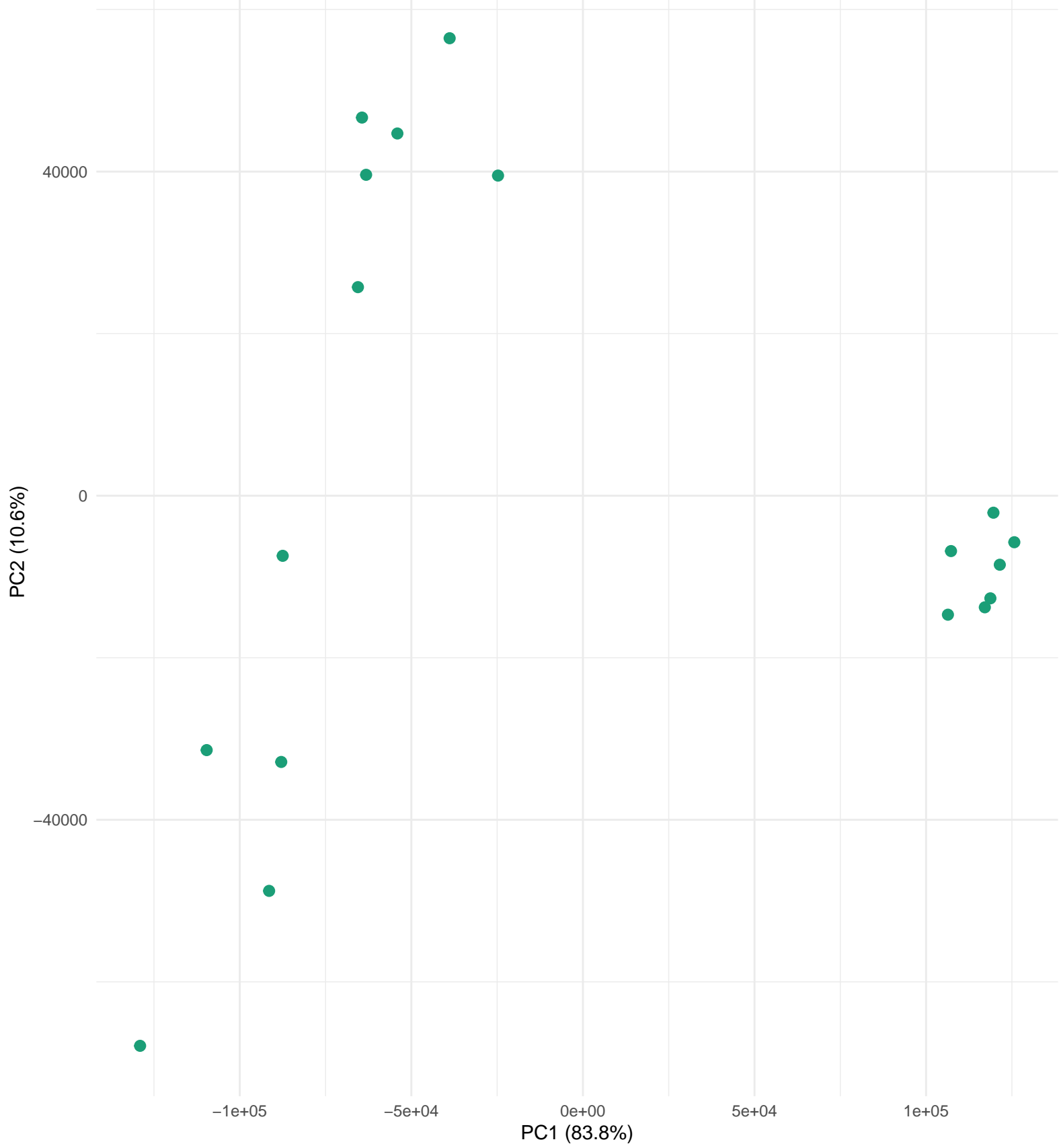


female



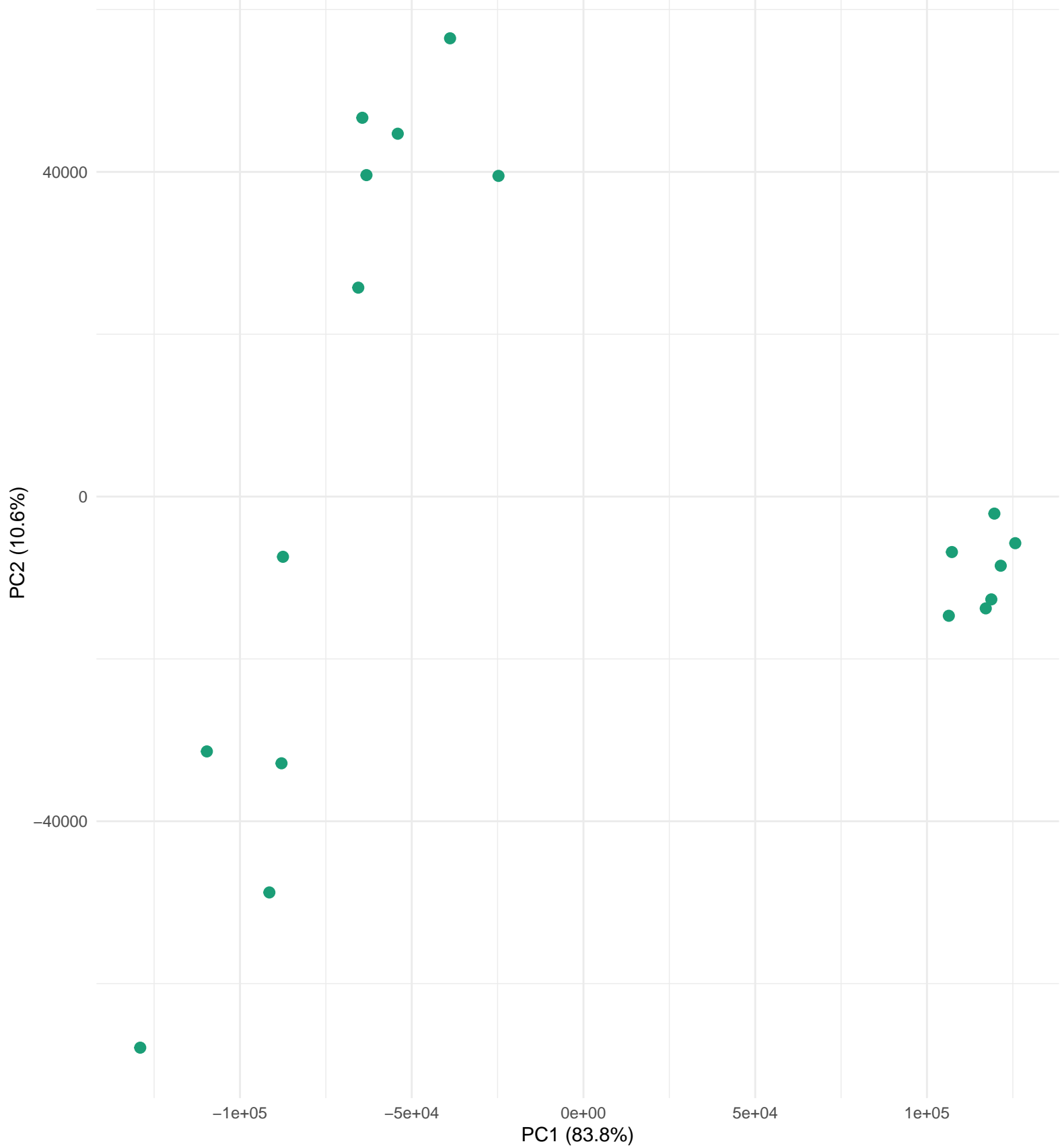
male

PCA por harmonized donor health status



harmonized donor health status

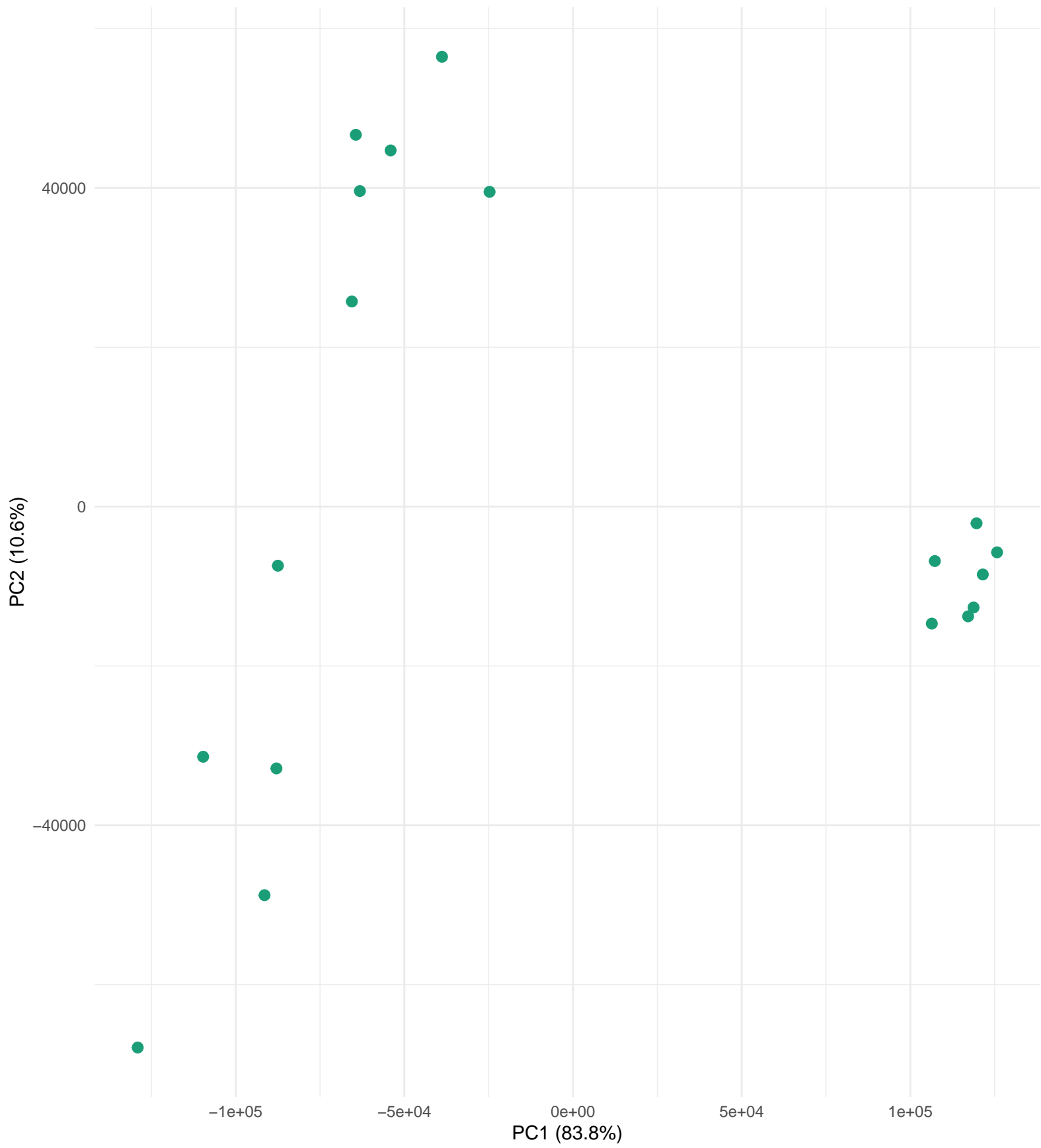
PCA por harmonized donor health status ontology curie



harmonized donor health status ontology curie



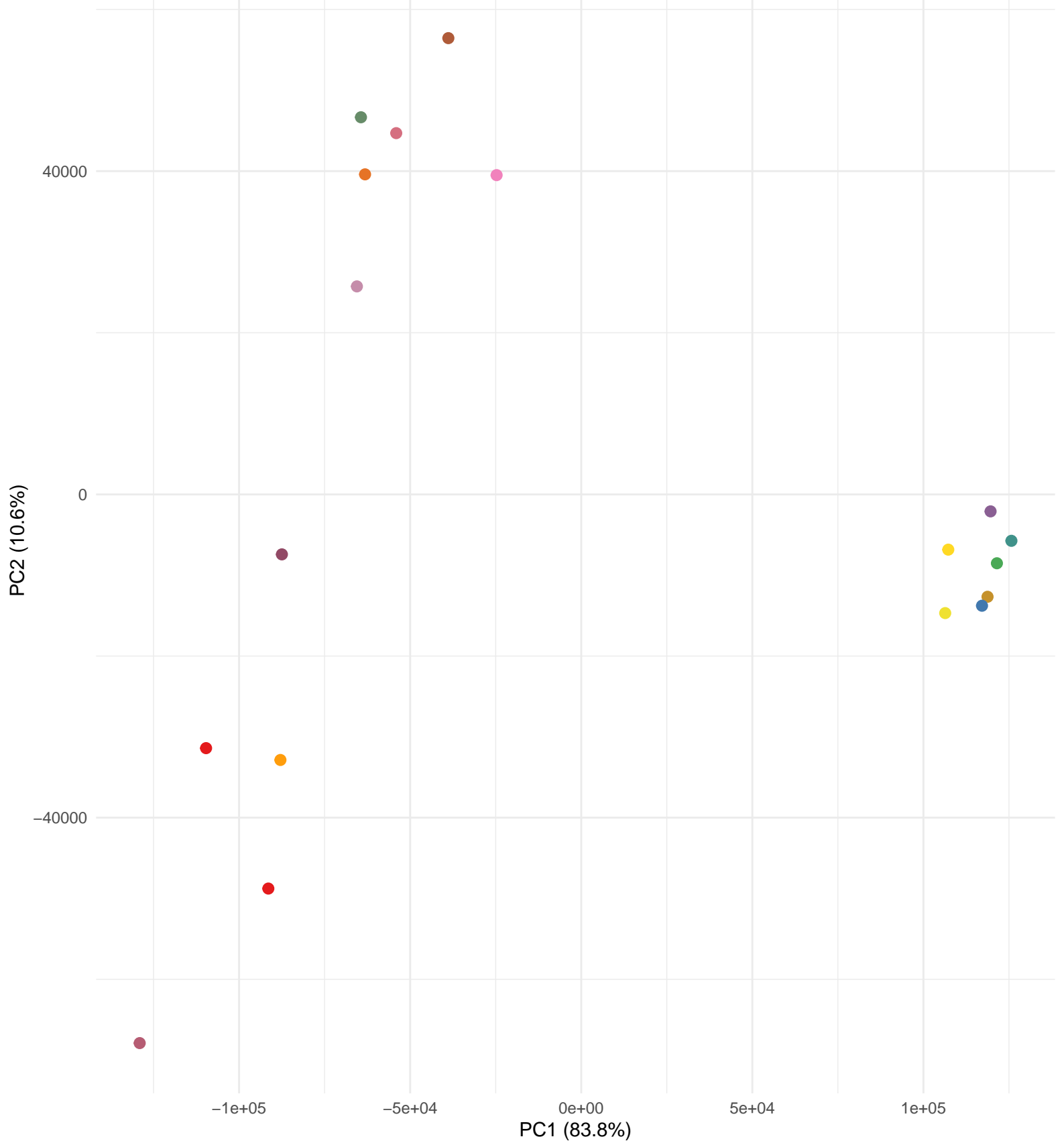
PCA por automated harmonized donor health status ontology curie ncit



automated harmonized donor health status ontology curie ncit



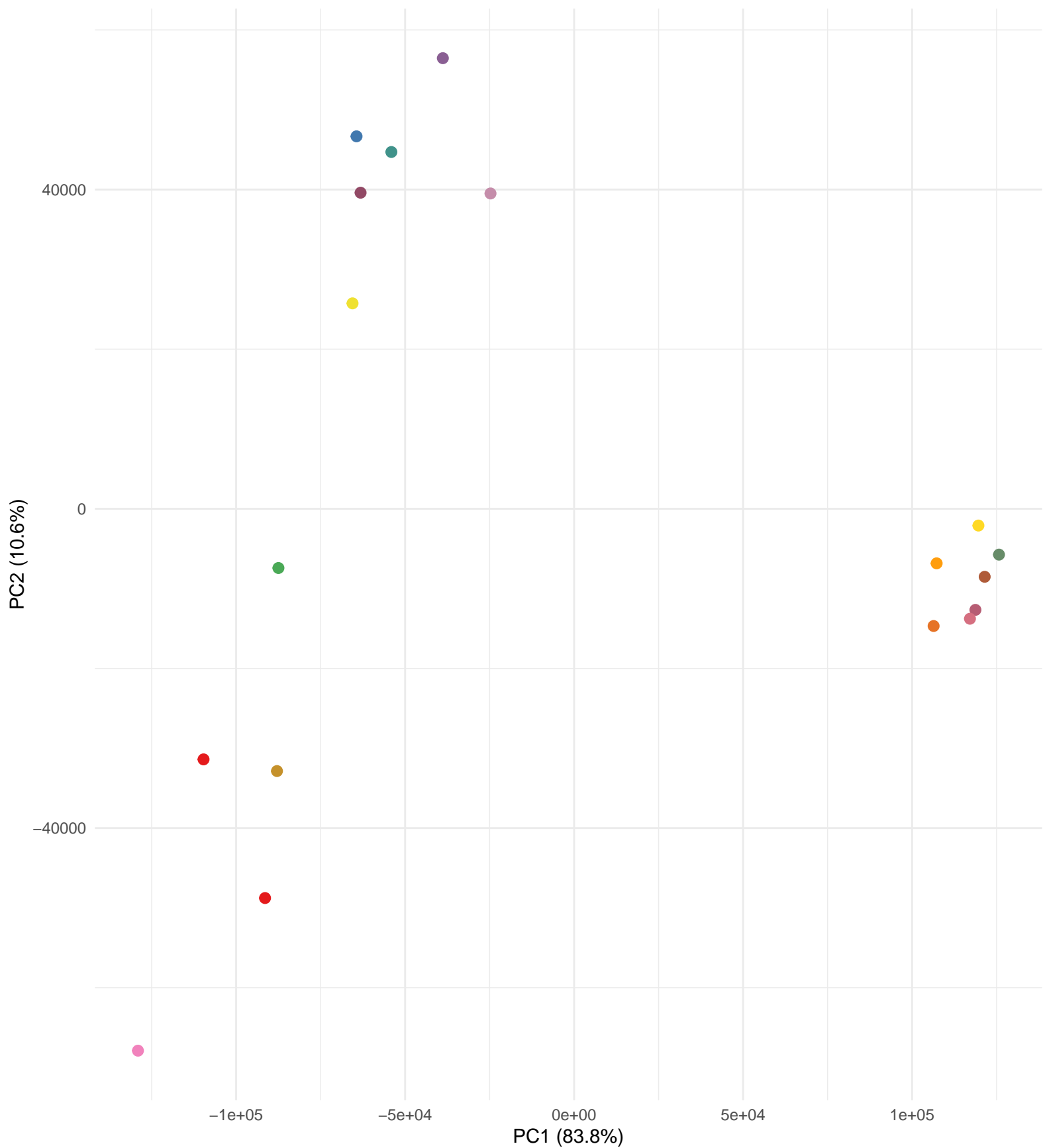
# PCA por automated experiments ChIP–Seq H3K27ac



Seq H3K27ac

- |   |  |   |   |  |
|---|--|---|---|--|
| <span style="color: red;">●</span>  | <span style="color: green;">●</span> 433bc629–750b–4674–bbb1–9759454f2728      | <span style="color: orange;">●</span> 9cc4804f–5850–46a5–b627–ca441aa97c73      | <span style="color: gold;">●</span> c7277a95–3c87–4ff4–8d24–2adf03b194fd    | <span style="color: purple;">●</span> f7f2e0ed–3 |
| <span style="color: brown;">●</span> 21204e63–5580–42b6–aaaf–3888daa8192c | <span style="color: darkgreen;">●</span> 6767ca98–deae–49f6–b4ac–75d0144cef28  | <span style="color: yellow;">●</span> a976fdae–f5dd–439a–80ce–578a0400ca86      | <span style="color: darkred;">●</span> cbf21cc3–59bc–4d31–8242–16b6ee9a92b5 |  |
| <span style="color: blue;">●</span> 2e1ab747–5c43–4469–97d5–a2e674bc3ee6  | <span style="color: darkpurple;">●</span> 6de3a207–ef97–4cbc–a25e–5966bc51a6e1 | <span style="color: lightyellow;">●</span> b164f810–2e27–4827–b5c8–f5006a5eea9e | <span style="color: pink;">●</span> d7bae694–a963–49c0–91a4–12894b97ce77    |  |
| <span style="color: teal;">●</span> 3d6a9515–43c7–44fc–85d7–9f3ee3c4083d  | <span style="color: magenta;">●</span> 7a04d905–73a0–4079–9968–67c3833836fc    | <span style="color: yellowgreen;">●</span> b3adf3d7–6c77–4bc6–a996–7aa999aefd39 | <span style="color: magenta;">●</span> e6c68a5d–37e7–47a6–8c62–20a8e3b053f3 |  |

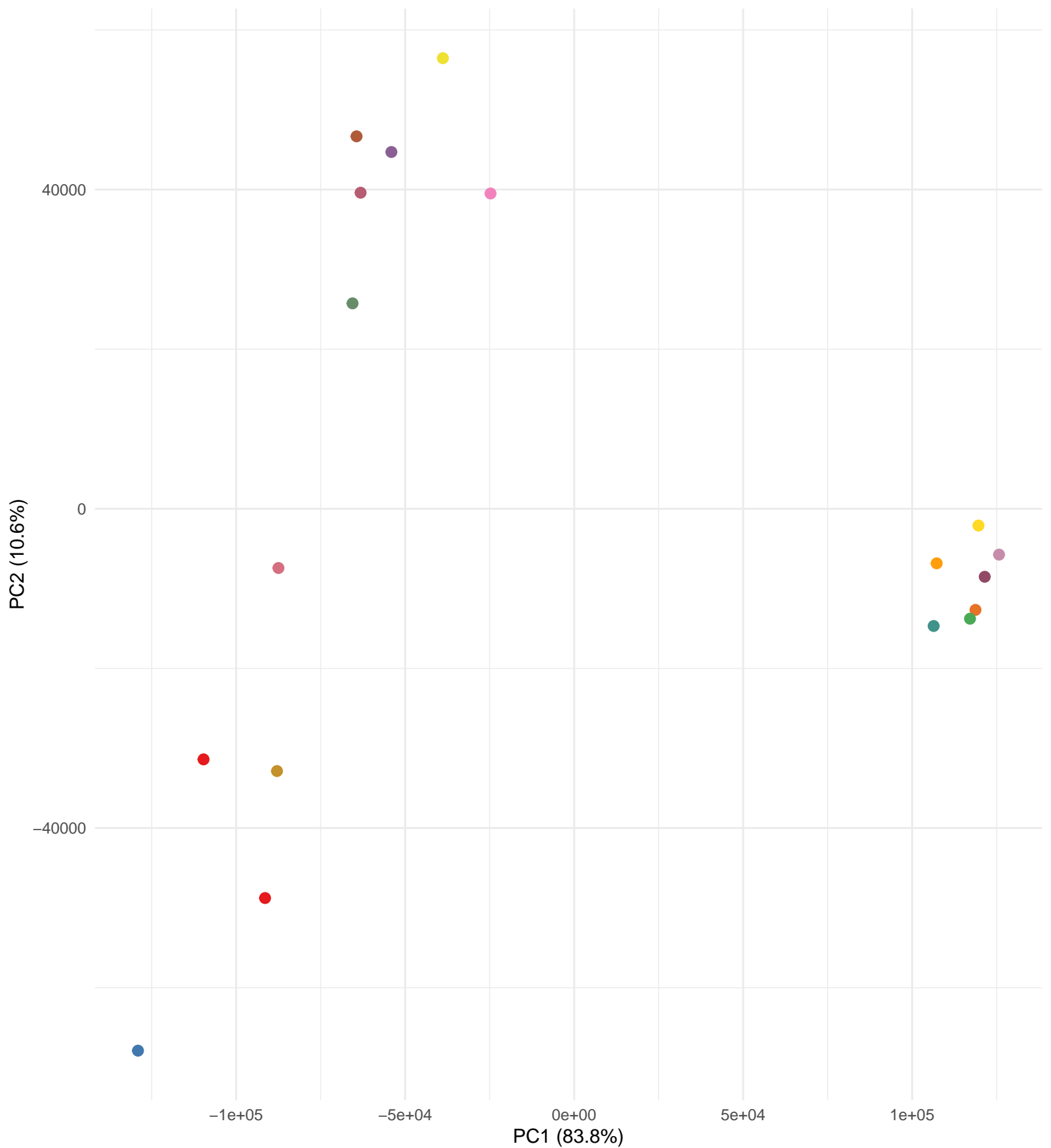
# PCA por automated experiments ChIP-Seq H3K27me3



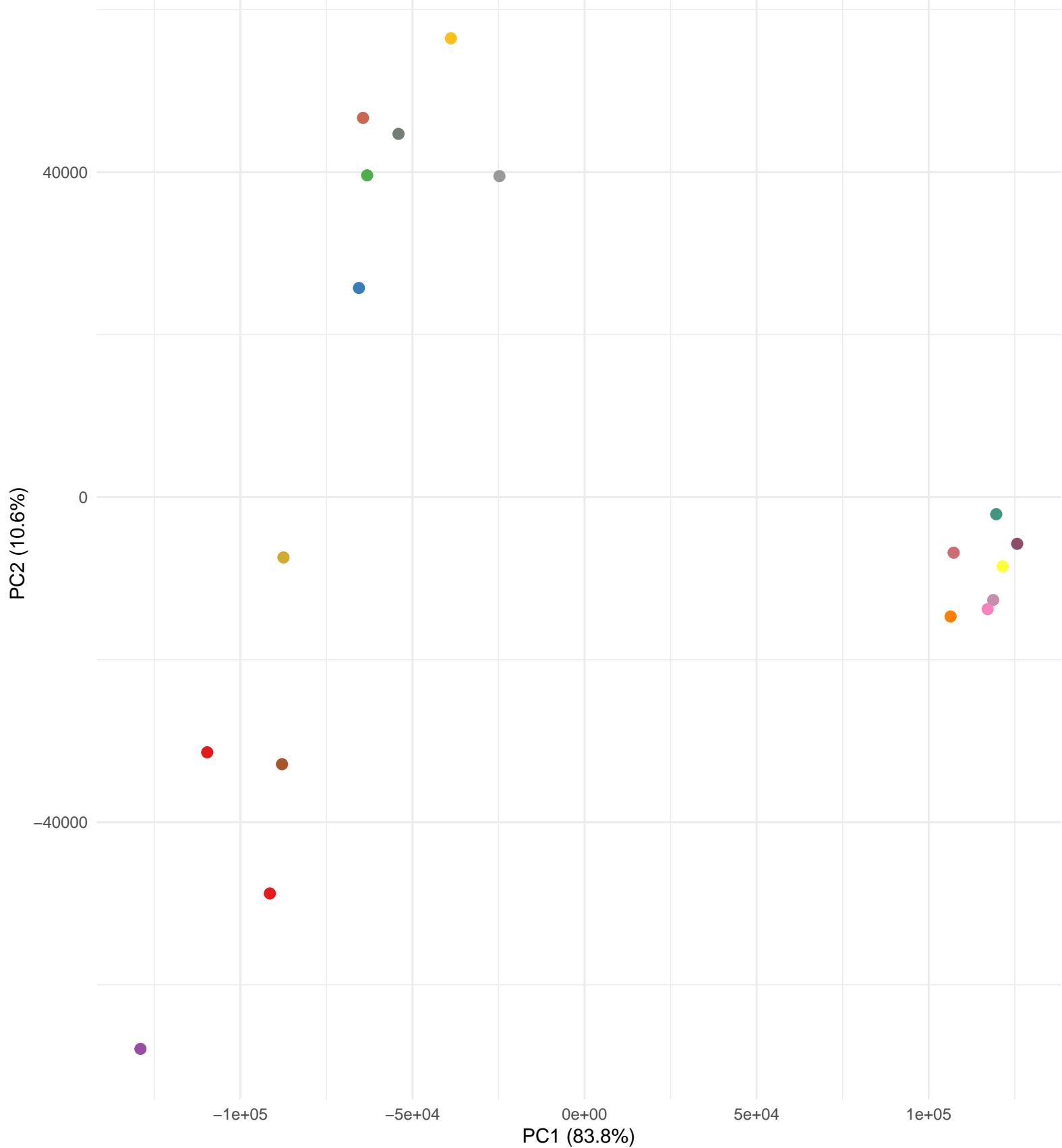
periments ChIP-Seq H3K27me3

- 7b485c8e-2ba6-4ba4-bb0c-5db4ffb286e5
- acc389c8-306d-460f-95cb-548ca498e7e9
- c8466bde-130e-4c84-b299-b3eb4c8abdc7
- 10501a10-327b-4601-8d8d-0d0bc776bb15
- 83b0b921-e0bc-4aa4-a2f0-7efee9bf544b
- ad699f10-b9f0-4846-a1ea-444cf5fe468b
- d70df12a-56c6-409a-9efd-6ac48fef39f8
- 4a5cfc14-4daf-4d77-9a82-2b790575203a
- 87d6d4cc-d709-448c-855d-51ab38c2c5f0
- b023ec65-be95-4de5-9819-d9f875a6d3d4
- f83f1262-12e2-4b8d-b11c-8637f8303ed6
- 5458814b-5fa1-4409-81d6-3110fe5029f7
- 9cf12c10-316c-45d2-aded-5ea53e80f354
- c103ff2c-a6eb-4f1b-a426-7944eb0db1a5
- fd09db81-b70e-42c7-a7a4-5b21da281b0c

# PCA por automated experiments ChIP–Seq H3K36me3

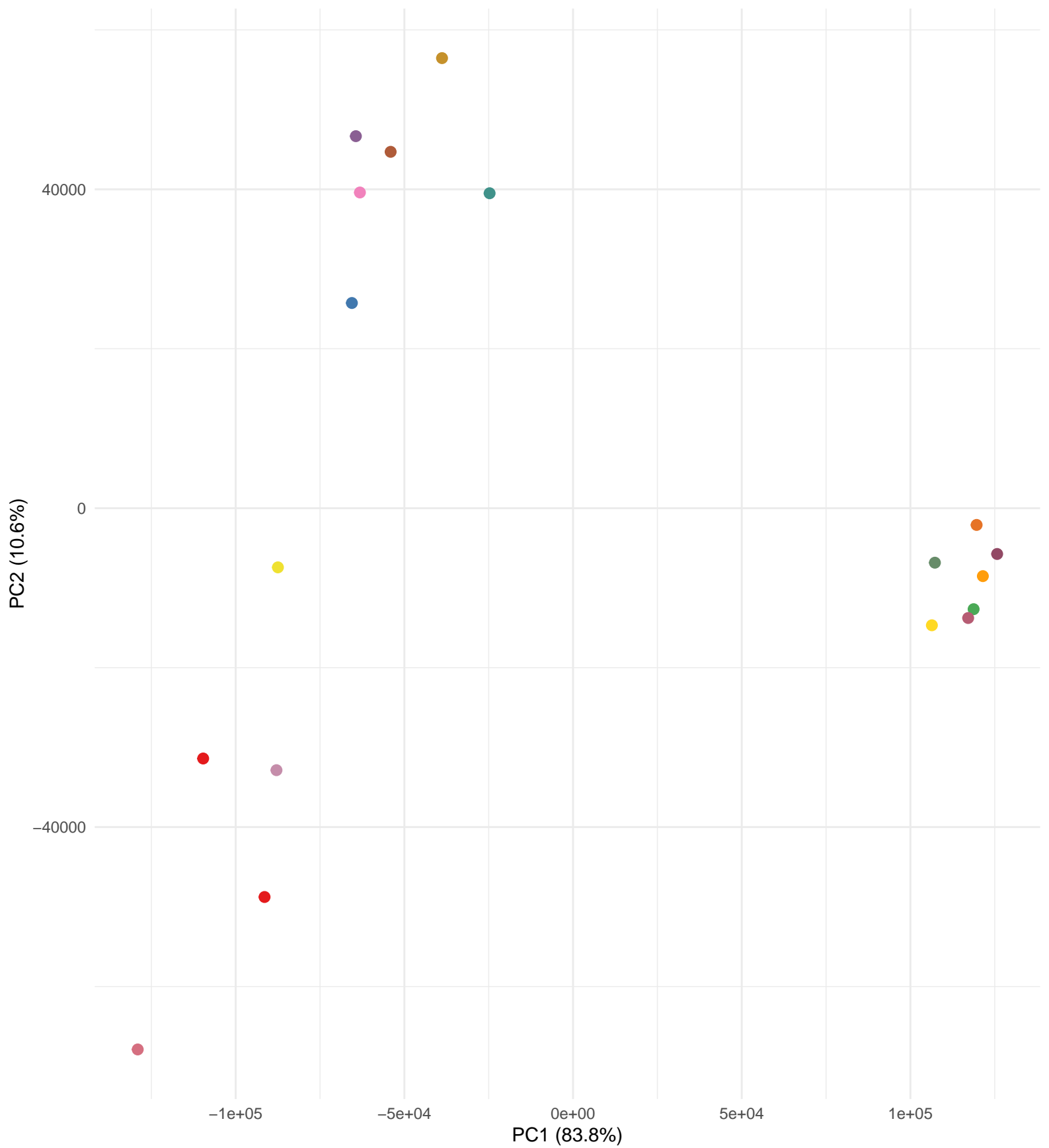


# PCA por automated experiments ChIP-Seq H3K4me1



0538648e-28a0-4873-a813-aa0eabee27b	630bb3ae-2002-42b3-97d8-83059d35c603	b55212c4-278a-46e6-a914-7321e68a657d	c58e2138-e12f-4d11-9ec1-2028a8fe702b
9f15cdcc-7468-4a84-87ee-af65c5fba10	986cff92-5d42-4625-83db-98aad85f151e	baca5345-ebfb-42c5-84f7-5edc7dd83347	cee73cdb-e806-4f6a-ad30-ab01efc5dd22
18017a46-582b-4ce3-bfb4-e75efa17aec2	9f15cdcc-7468-4a84-87ee-af65c5fba10	bbe0fcdd-1f38-4b05-9389-41cc4d505f6b	d0e9d2b8-31ed-4f18-8f4f-ade1dc88724d
39d08846-3228-45c0-bd7e-10e6a5452dea	a3c721fe-088e-4da8-972b-3d6efe322bd3	c56fb850-5356-4ade-95b8-b00dc069d5ee	ec42c011-831b-49c5-9977-34d991e095bb

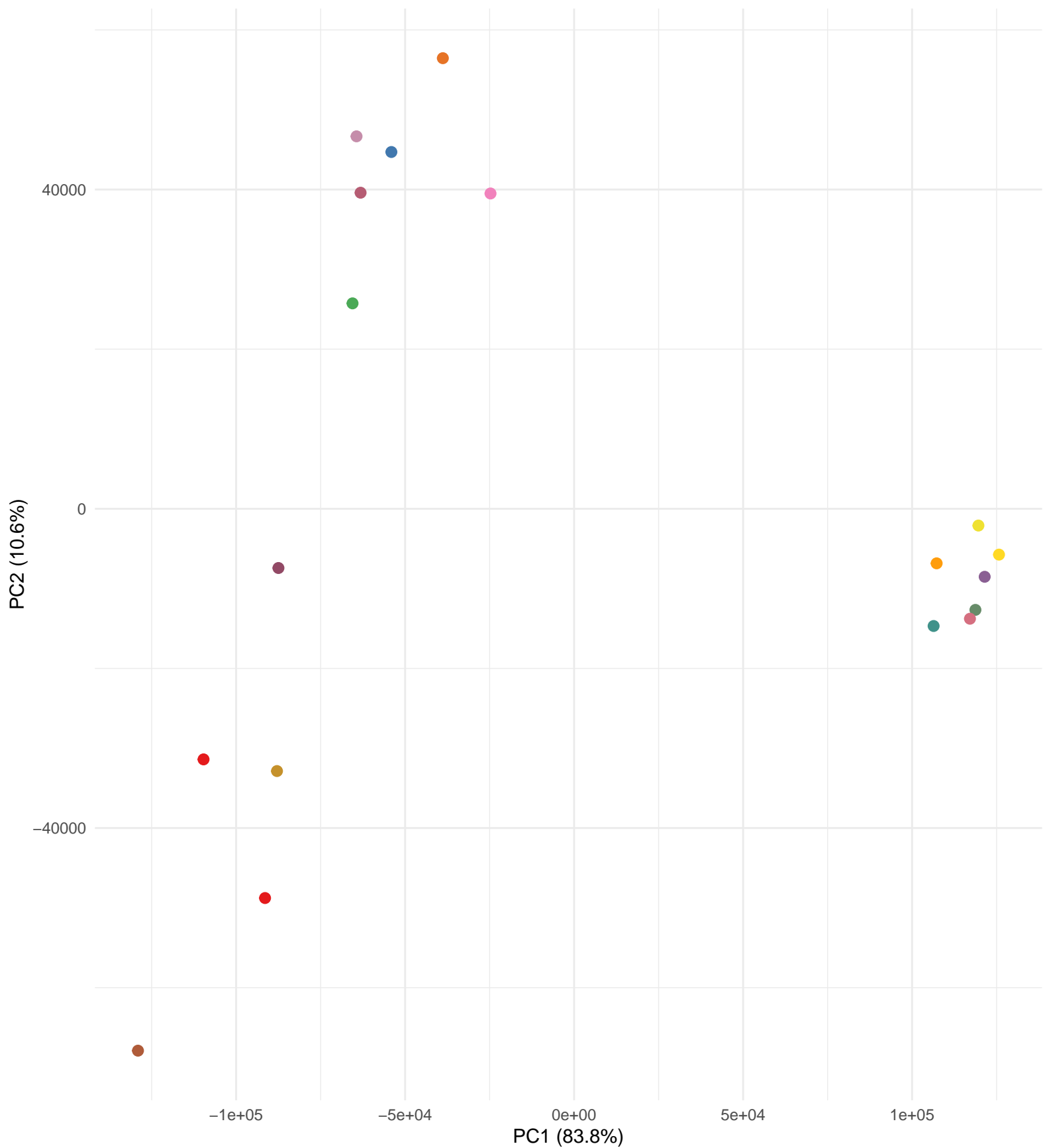
# PCA por automated experiments ChIP-Seq H3K4me3



Seq H3K4me3

- 3d357458-dac4-46c8-9503-75e624ca3151
- 5bed80d6-eb1b-4fb5-93cf-fb84cc149a27
- 5faf25b7-5b6a-4afc-97ea-2be45d35d279
- 62fa2045-d9f3-4558-b7a5-d28794180b9a
- 7a0eab6c-12cc-401e-88c5-dd56ded2f99e
- 83061f51-ee60-414a-8d1a-f39f15277497
- 89836fcc-e8df-40b9-ae22-e9fdca288170
- b4c2b274-c20f-442d-8122-50773b141fdb
- bc704cb6-f394-4a6d-8baf-6481c2b4d10c
- bd23c770-d9c3-4fd2-8198-dd9ba0210881
- c463eafa-ded1-4a7b-ab31-187e5f8f0b63
- c9963a54-6a2b-4612-99dc-6250ce6e822f
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- d1f4129b-4a7b-ab31-187e5f8f0b63

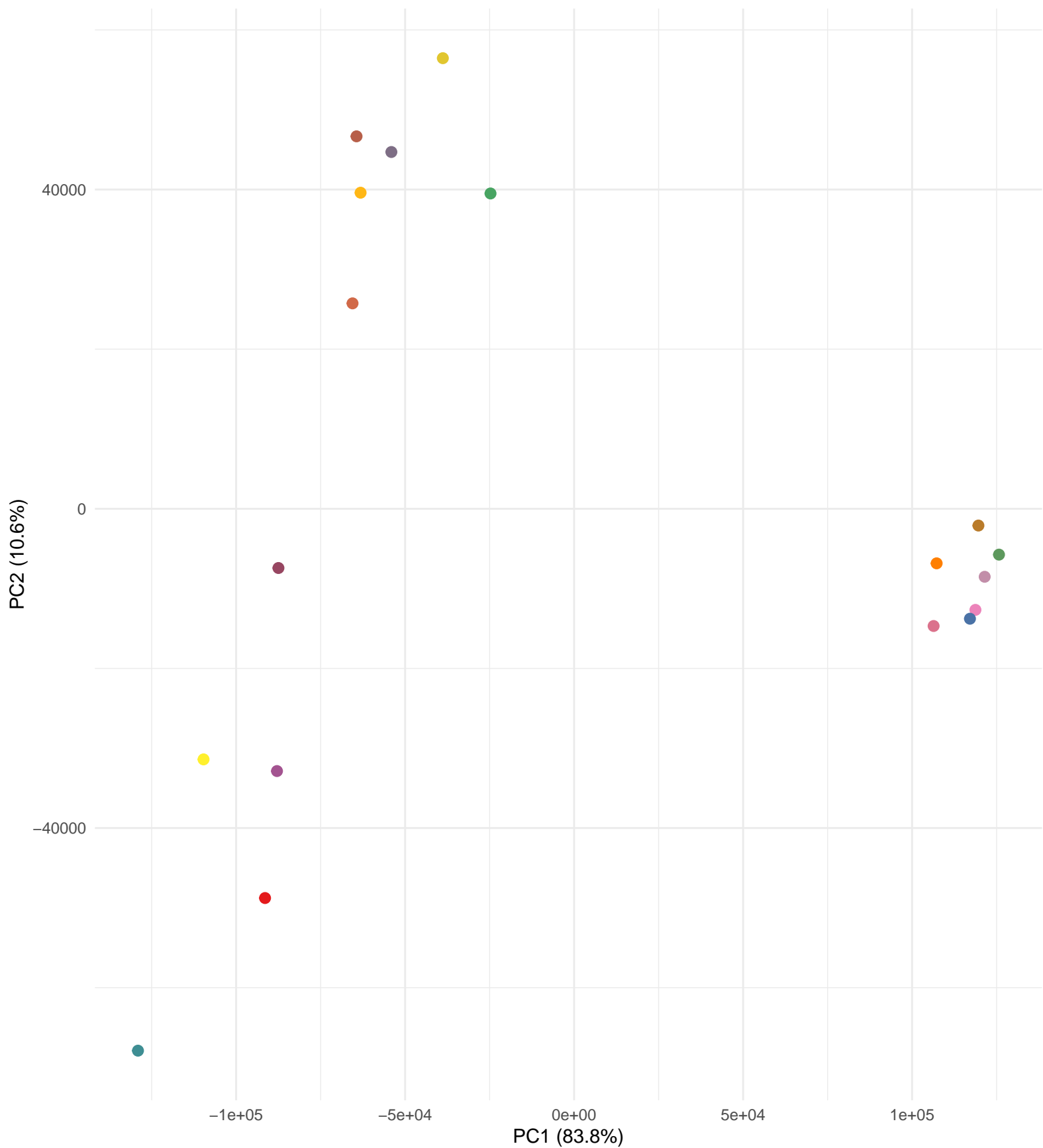
# PCA por automated experiments ChIP-Seq H3K9me3



periments ChIP-Seq H3K9me3

- 153650ef-7ef6-43cd-b5dc-cf062deb8afd
- 409fce32-3c80-4968-819f-d774f10df209
- 859b49cb-ac61-48c4-a1ad-a49ca139de17
- ad6f214b-6bc2-494d-ba70-0c0eed50632c
- 531c01db-d7ec-4377-be41-51b3cab349a9
- 916f86f3-bba4-4f2a-8dee-7255de7413cf
- b5d4a5b3-a118-48b7-a386-2e56f2330a88
- 1d49e429-7d54-40c1-a965-968c057abf12
- 6615446a-840c-42f3-8de3-7683d60a1480
- 94ad3781-f8aa-4d56-830a-df16a910858c
- b96d5c84-a138-4fe2-8971-713e73270893
- 24e1c000-860b-414c-8a5a-cb73e98c0c6a
- 6d2c1eb1-64cd-4b80-95ec-5404bd3906e9
- a62efed1-28b1-4005-b980-2a01726331e7
- f8b01218-a3f8-48dc-884c-14b62675daca

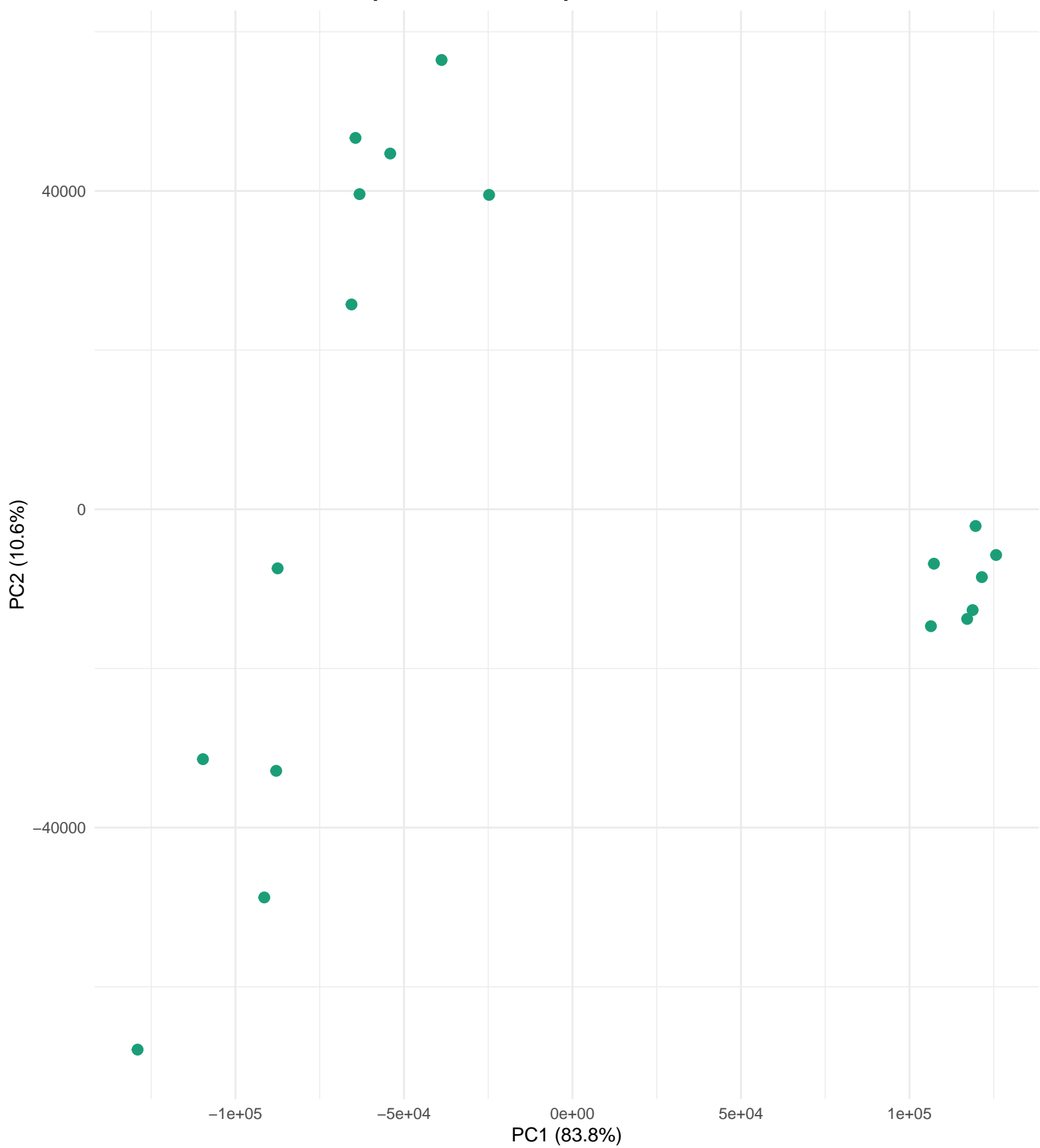
PCA por automated experiments WGBS standard



WGBS standard

		42f5ce34-deb7-4ac0-b9e4-302f2814e3a0		6bc6f0c2-79ba-4bae-bd7d-f0e99697d044		a713bee9-910c-48a7-80c9-37560c997dae		fadda90c-70e1-4b3a-b0e1-8e1e1e1e1e1e
		4a59e98c-3e26-4804-b7ba-03988d438f13		73f81a47-8c88-47c5-8e6c-3a5578301c24		ab7cb639-ecd3-42ac-8ad6-849b1c3925e0		fe8c5f2b-ec0d-4b3a-b0e1-8e1e1e1e1e1e
		5268e353-f434-412e-8299-ac0cca9ebf82		772f8c24-349d-411e-89ee-365ee8b061d3		cd60d225-f45f-4d16-98f2-5d3ec24845a6		
		5c4e62a5-7f52-4d66-a91f-b23c7611212e		8624b7b6-5098-4bc9-aba9-d1cd2aa655bd		e1c8805b-c7d8-432c-a71f-ce99c408384e		

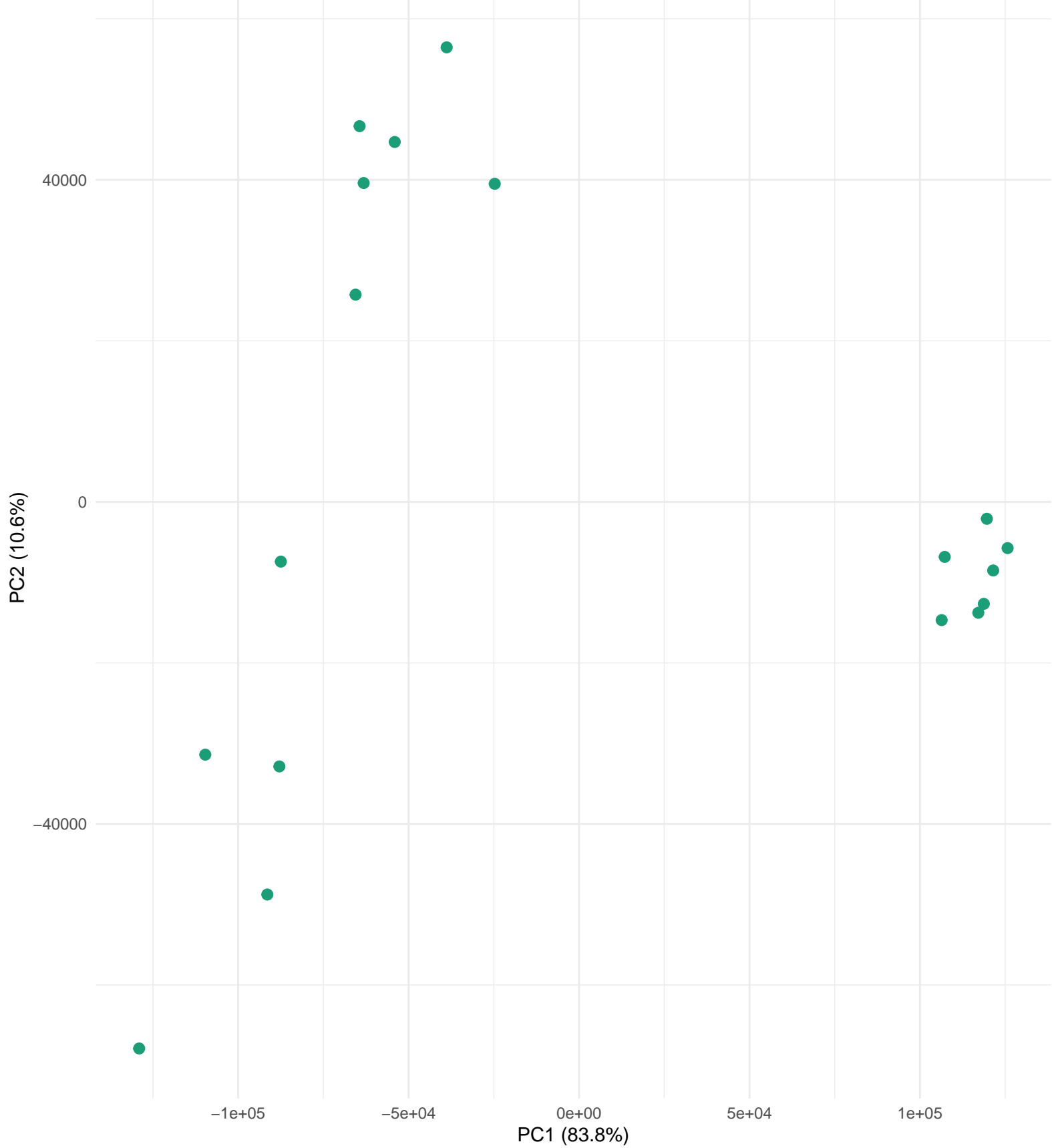
PCA por automated experiments WGBS PBAT



automated experiments WGBS PBAT



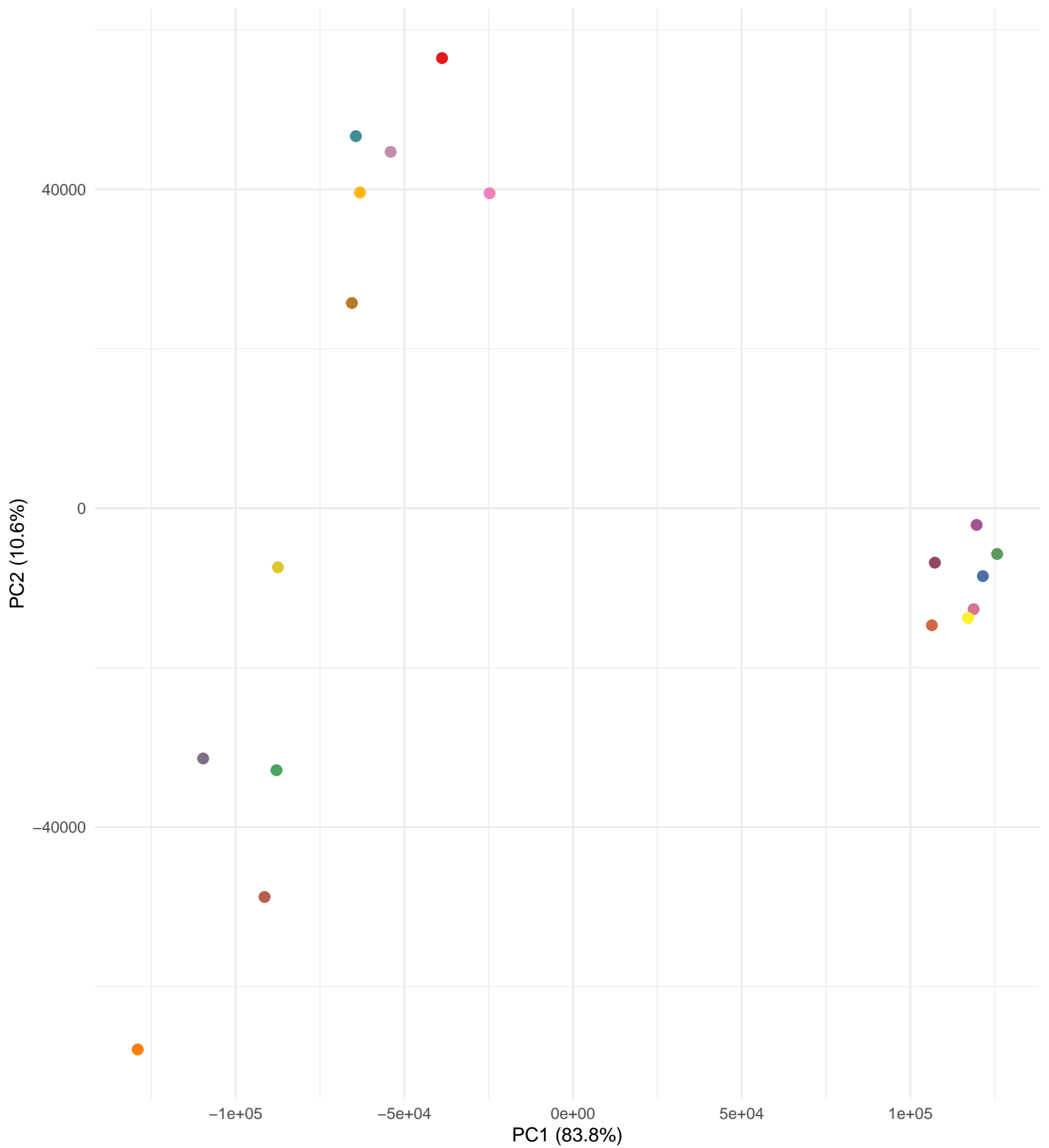
PCA por automated experiments RNA-Seq mRNA-Seq



automated experiments RNA-Seq mRNA-Seq



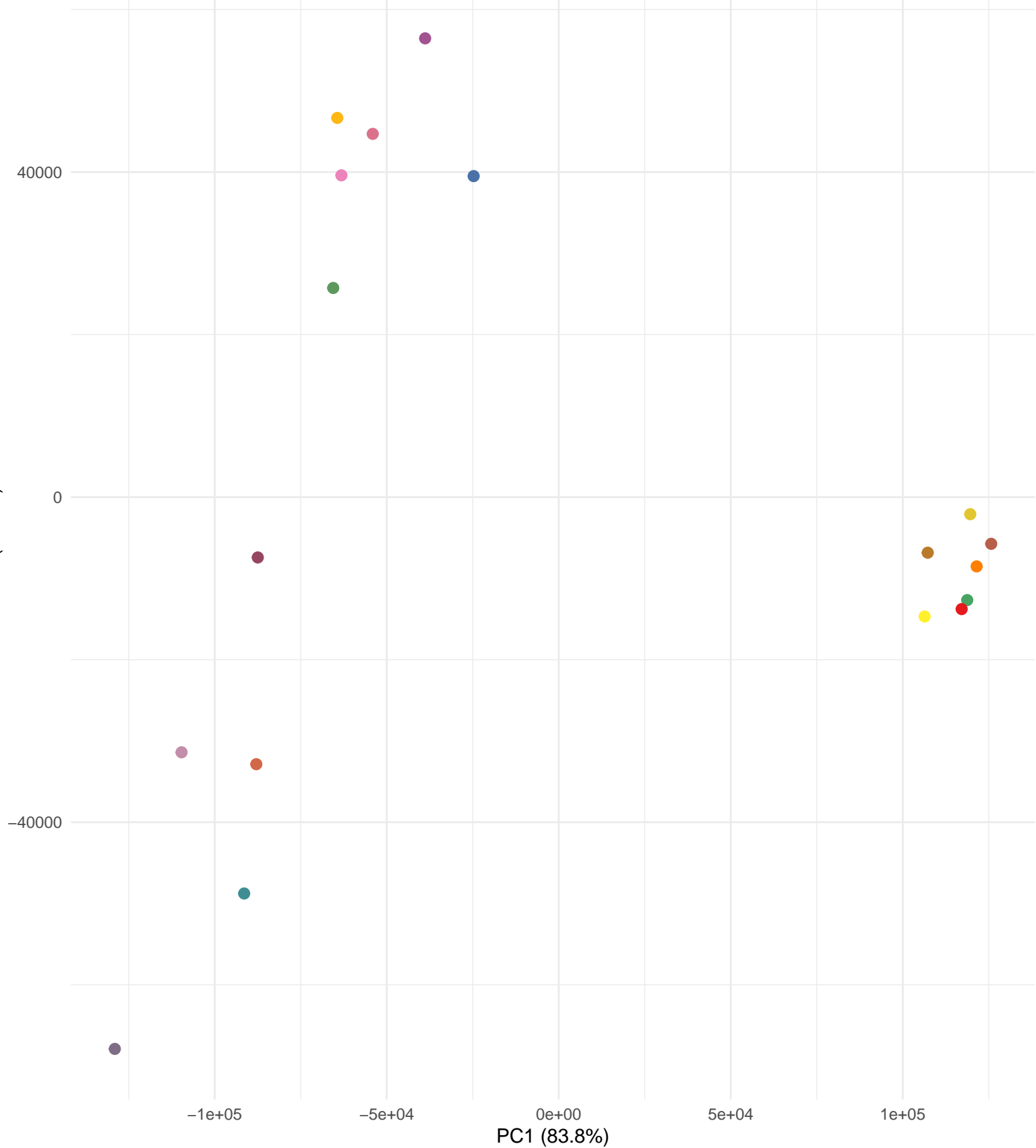
PCA por automated experiments RNA-Seq total-RNA-Seq



00b5c599-bdda-4da1-b477-4c1aaff6458f	3780ef90-dcf5-4360-8fa5-90848d508b8c	76da2630-a9bf-4056-a0c4-e038ec13ee9a	ba38aaf9-e2a4-4204-8db6-681cde95c751	e17529b3-4000-4000-8000-000000000000
1cf401c5-9b4e-4e1d-a7bf-903f412df517	4df3ea7e-fbcf-4867-ba4c-fa797b3eeebc	7b5e907a-df32-4f57-b7e6-5b62addec646	c7ff8328-d295-4e8b-bf90-ba21e5a6dbe0	f5fb0cd6-0000-0000-0000-000000000000
21215c3a-caaf-48dc-ba5b-3f81eaf7de52	51de2b76-348c-4a74-bd7e-cfa5f471b5bf	8ab5cfe7-ec06-4fcc-8632-83fe6ad66e0f	d1a7fd67-62ab-49df-a86a-0121523a1c0a	
349adc40-f684-41b1-b366-9d629beba5a	5f7c6b52-f674-4b3c-9c6f-8772401a7555	a1419edd-b37d-4c0d-815e-323bc0e6fc20	e17b4b3c-7976-49e5-8e30-609d8b7f02f5	

PCA por epirr id without version

PC2 (10.6%)



epirr id without version

- IHECRE00000008
- IHECRE00000043
- IHECRE00000071
- IHECRE00000161
- IHECRE00000318
- IHECRE00000013
- IHECRE00000055
- IHECRE00000084
- IHECRE00000174
- IHECRE000001384
- IHECRE00000019
- IHECRE00000059
- IHECRE00000121
- IHECRE00000177
- IHECRE00000039
- IHECRE00000060
- IHECRE00000129
- IHECRE00000195

PCA por EpiRR ordering

PC2 (10.6%)

40000

0

-40000

-1e+05

-5e+04

0e+00

5e+04

1e+05

PC1 (83.8%)

EpiRR ordering

