

Untargeted proteomics  
LC-MS  
1024 proteins detected

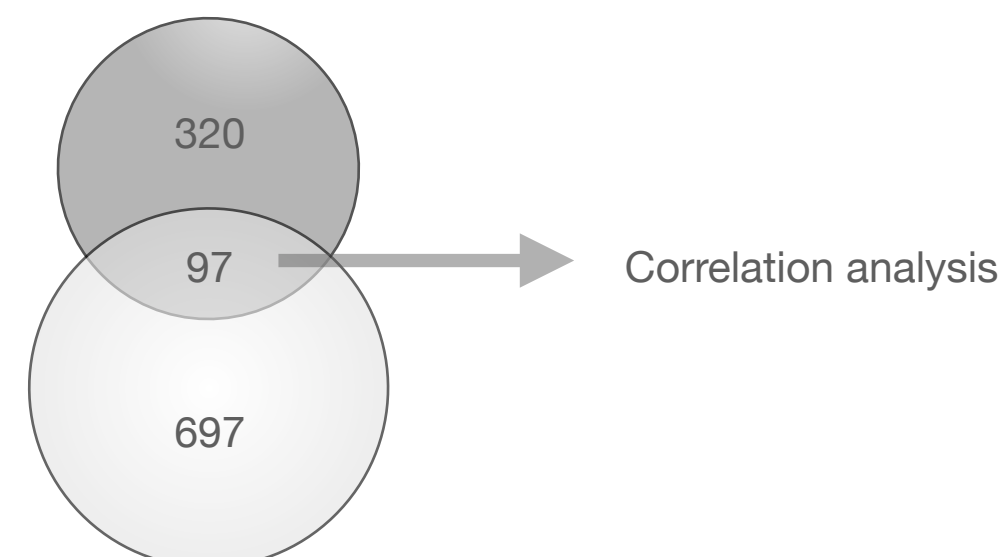
Targeted proteomics  
Olink PEA  
460 proteins detected



0 missing values in one group and  
< 3 missing in the other

0 proteins quantified  
Below LOD in one group  
And < 3 in the other

Proteins of both datasets where  
normalised to the sample total and  
Distributions where median centered



Significantly different  $p < 0.05$

n=76, 9.6 %

n=57, 13.7 %

Significantly different  $p < 0.05$

0 modules clinically significant

1 module clinically significant  
1 pathway enriched

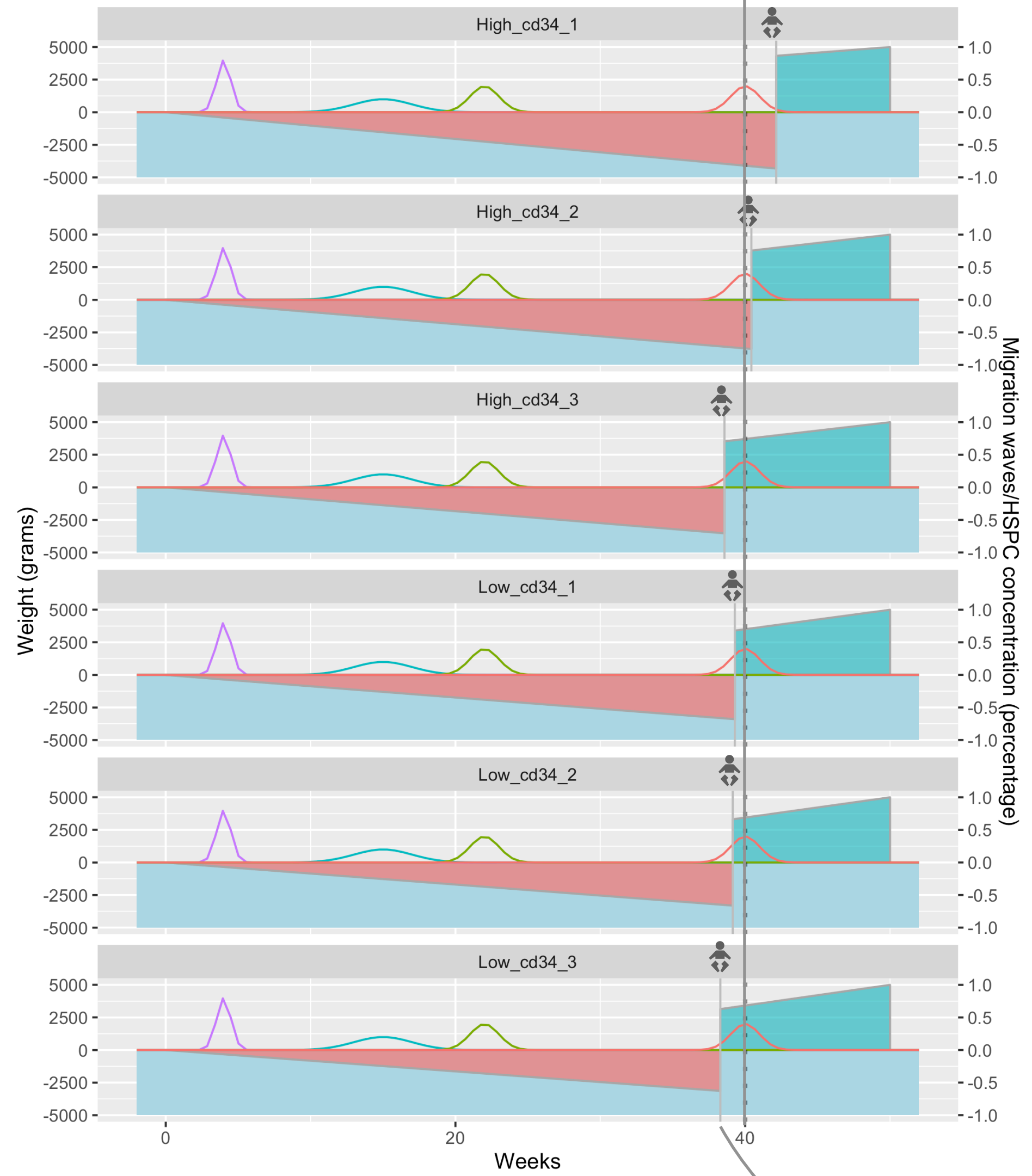
Significantly different  $FDR < 0.05$

n=24

n=0

CD34+ sampling  
from neonatal cord blood

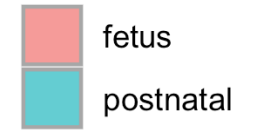
Term



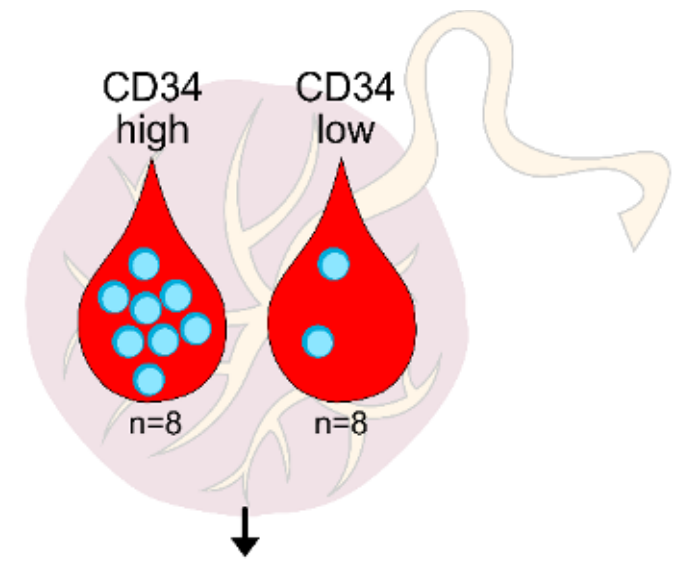
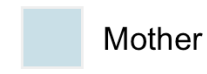
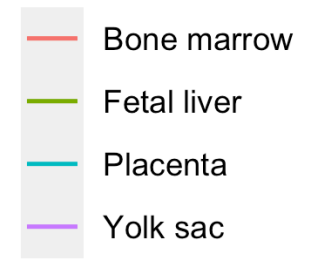
Dotted grey line indicates term, grey line indicates time of birth and time of sampling

- Birth
  - hypoxia , tissue damage
  - Transition to self sustained breathing
- Cord blood sampling

Developmental\_stage

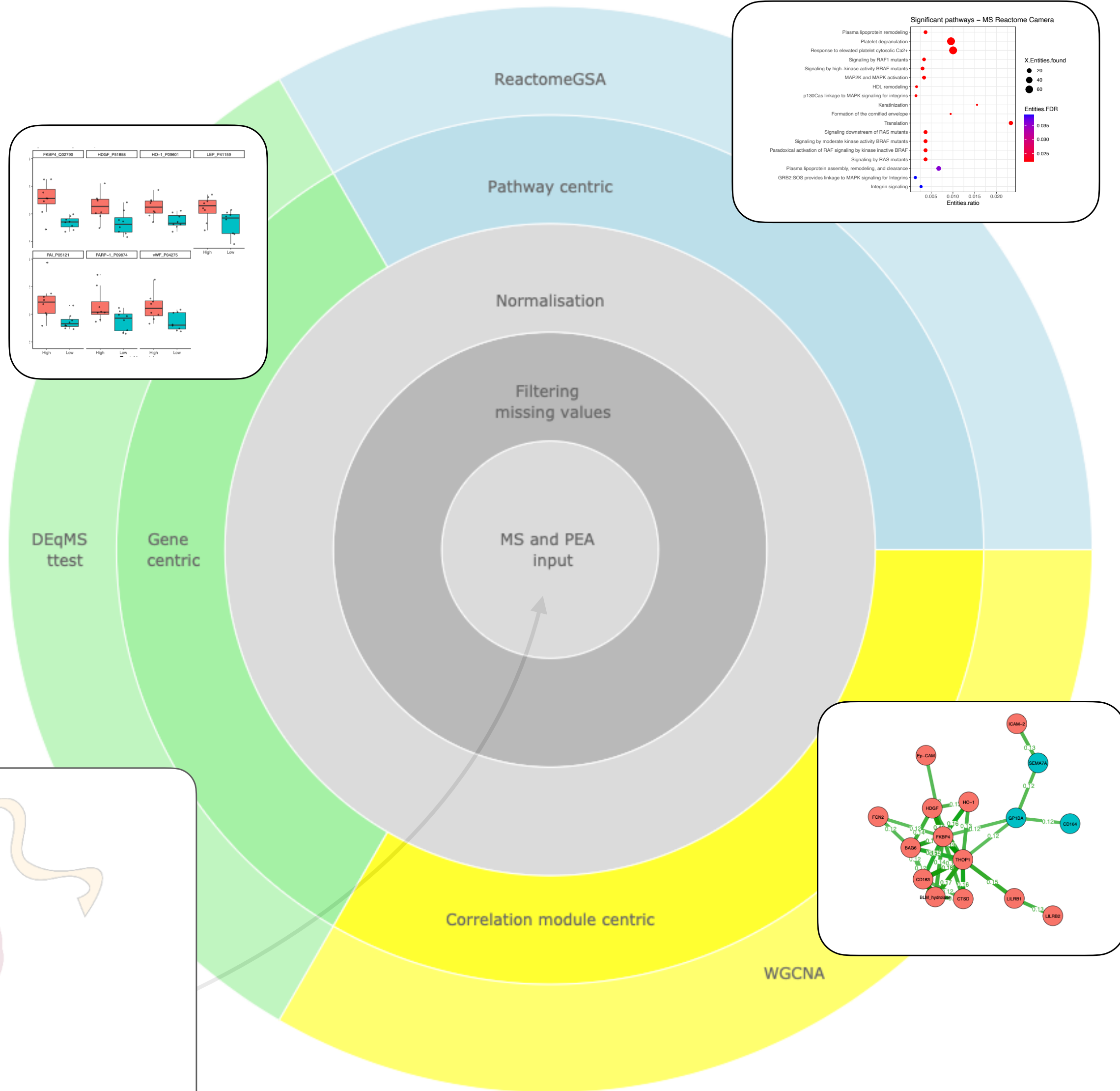
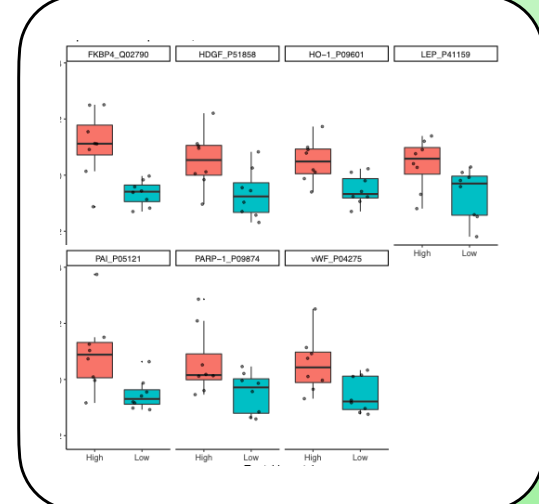


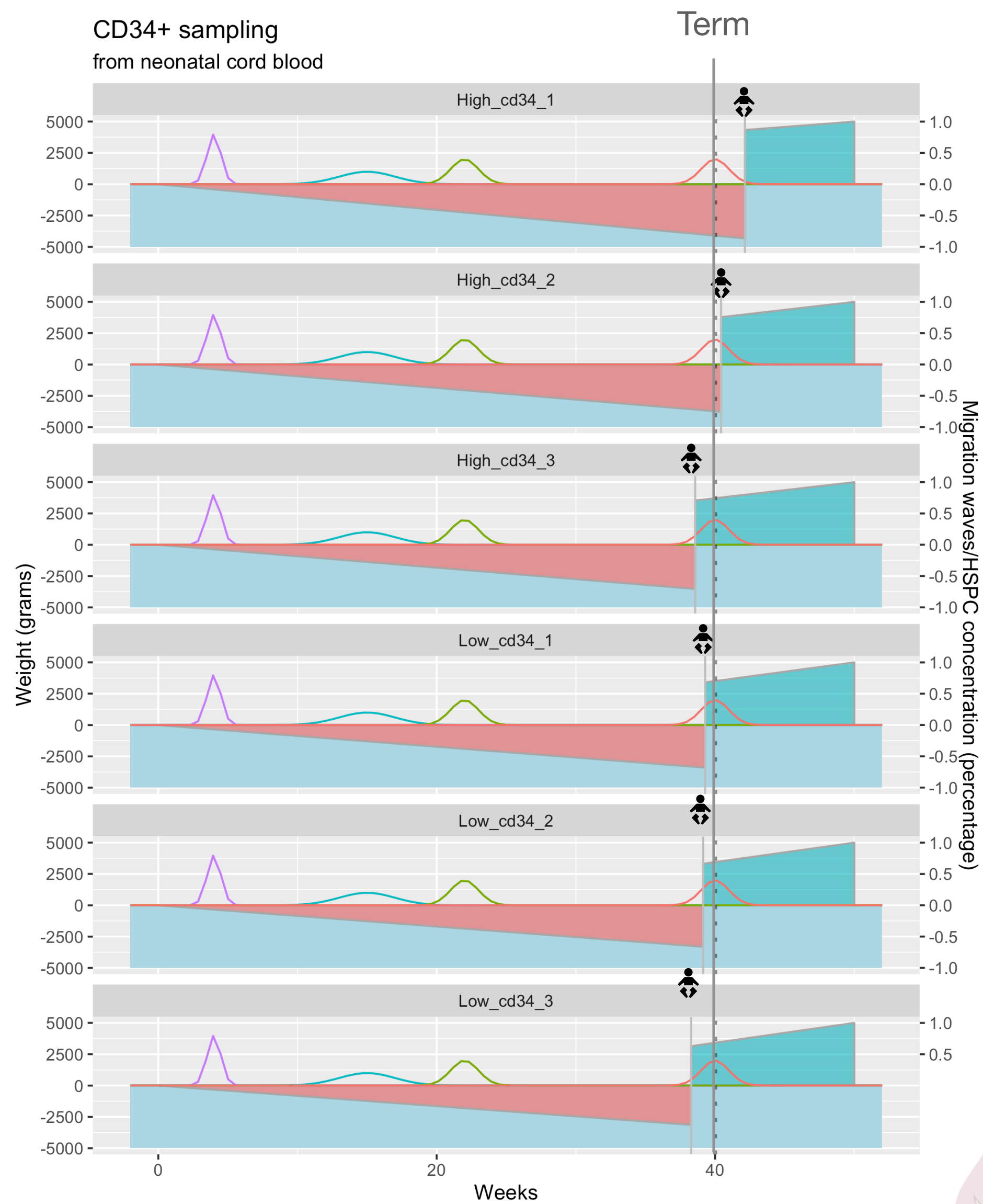
Migration wave



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Developmental\_stage

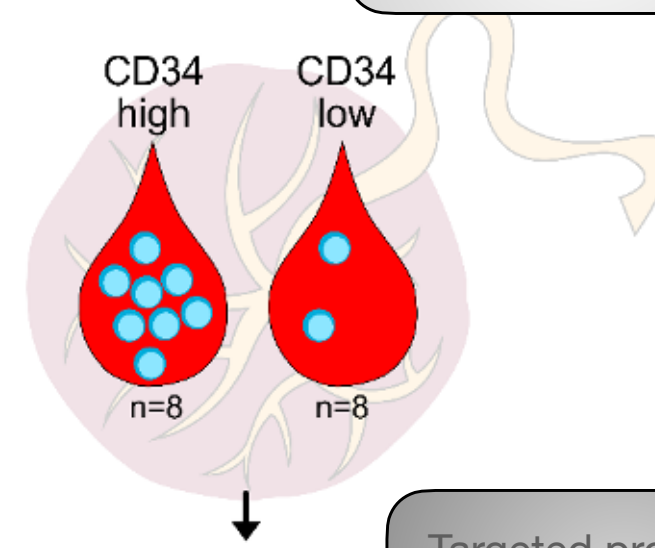
fetus  
postnatal

colour

Bone marrow  
Fetal liver  
Placenta  
Yolk sac

linetype

Mother



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