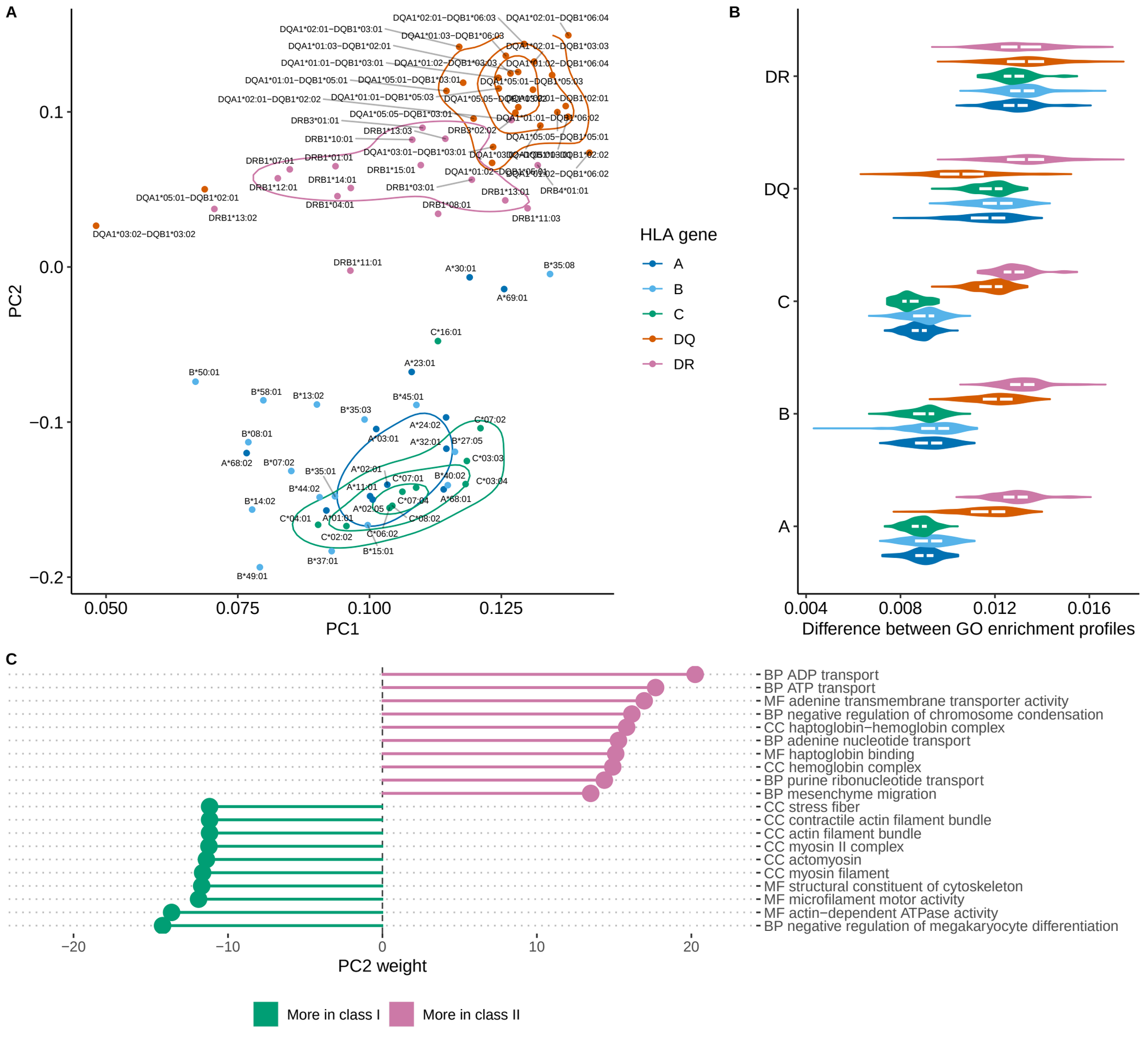
A
PC2
PC1
0.1
0.0
−0.1
−0.2
0.050
0.075
0.100
0.125
DQA1*02:01−DQB1*06:03
DQA1*02:01−DQB1*06:04
DQA1*02:01−DQB1*03:01
DQA1*01:03−DQB1*06:03
DQA1*01:03−DQB1*02:01
DQA1*02:01−DQB1*03:03
DQA1*01:01−DQB1*03:01
DQA1*01:02−DQB1*03:03
DQA1*01:02−DQB1*06:04
DQA1*01:01−DQB1*05:01
DQA1*05:01−DQB1*03:01
DQA1*05:01−DQB1*05:03
DQA1*02:01−DQB1*02:02
DQA1*01:01−DQB1*05:03
DQA1*05:05−DQB1*03:01
DQA1*01:01−DQB1*06:02
DRB3*01:01
DRB1*13:03
DRB3*02:02
DRB1*10:01
DQA1*05:05−DQB1*05:01
DQA1*03:01−DQB1*03:01
DRB1*07:01
DRB1*01:01
DRB1*15:01
DRB1*14:01
DRB1*12:01
DRB1*03:01
DRB1*13:01
DRB4*01:01
DQA1*05:01−DQB1*02:01
DRB1*04:01
DRB1*08:01
DRB1*13:02
DRB1*11:03
DQA1*03:02−DQB1*03:02
DRB1*11:01
A*30:01
B*35:08
A*69:01
C*16:01
A*23:01
B*50:01
B*58:01
B*13:02
B*45:01
B*35:03
A*24:02
C*07:02
B*08:01
A*03:01
A*32:01
B*27:05
A*68:02
B*07:02
C*03:03
B*35:01
A*02:01
C*07:01
B*40:02
C*03:04
B*44:02
A*11:01
C*07:04
A*68:01
B*14:02
A*02:05
C*04:01
A*01:01
C*08:02
C*02:02
C*06:02
B*15:01
B*37:01
B*49:01
HLA gene
A
B
C
DQ
DR
B
DR
DQ
C
B
A
0.004
0.008
0.012
0.016
Difference between GO enrichment profiles
C
BP ADP transport
BP ATP transport
MF adenine transmembrane transporter activity
BP negative regulation of chromosome condensation
CC haptoglobin−hemoglobin complex
BP adenine nucleotide transport
MF haptoglobin binding
CC hemoglobin complex
BP purine ribonucleotide transport
BP mesenchyme migration
CC stress fiber
CC contractile actin filament bundle
CC actin filament bundle
CC myosin II complex
CC actomyosin
CC myosin filament
MF structural constituent of cytoskeleton
MF microfilament motor activity
MF actin−dependent ATPase activity
BP negative regulation of megakaryocyte differentiation
−20
−10
0
10
20
PC2 weight
More in class I
More in class II