Evaluation of leukocytes, B and T lymphocytes and CD200 and CD23 expression in atopic dermatitis patients on dupilumab therapy – pilot study

¹Jarmila Čelakovská, ²Eva Čermákova, ³Petra Boudková, ³Ctirad Andrýs, ³Jan Krejsek

¹Department of Dermatology and Venereology Faculty Hospital and Medical Faculty of Charles University, Hradec Králové, 50002, Czech Republic

²Department of Medical Biophysics, Medical Faculty of Charles University, Hradec Králové, 50002, Czech republic

³Department of Clinical Immunology and Allergy, Faculty Hospital and Medical Faculty of Charles University, Hradec Králové, 50002, Czech Republic

The first author and corresponding author

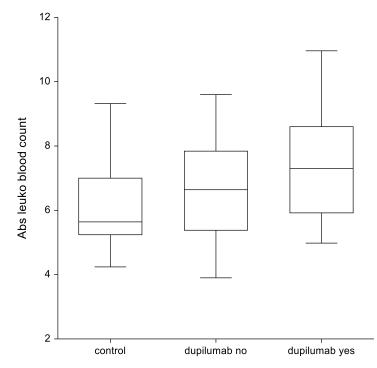
Assoc. Prof. Jarmila Čelakovská, MD, Ph.D

Department of Dermatology and Venereology, Faculty Hospital and Medical Faculty of Charles University, Hradec Králové, Czech Republic

CelakovskaJ@lfhk.cuni.cz

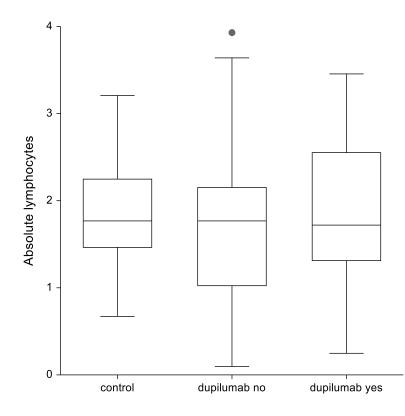
GRAPHS TO TABLES 2-6

GRAPHS TO TABLE 2. LEUKOCYTES

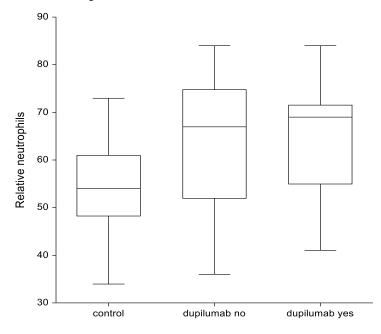


Absolute leukocytes (10^9/l)

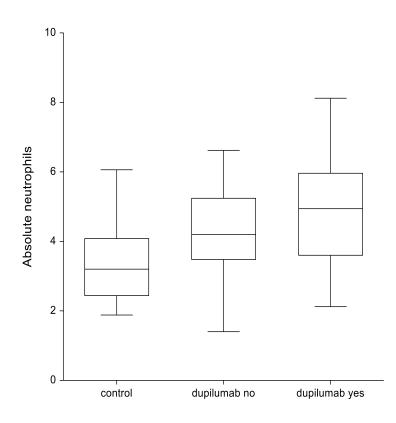
Absolute lymphocytes (10^9/l)



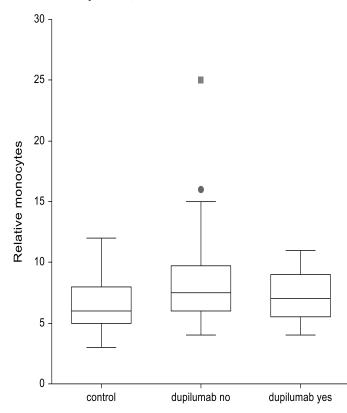
Relative neutrophils (%)

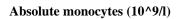


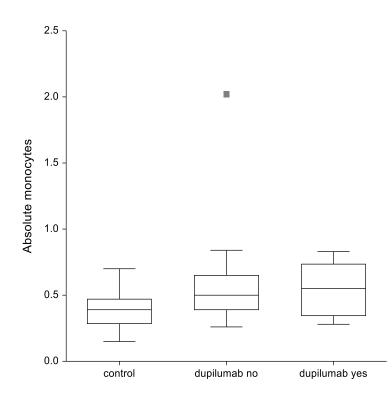
Absolute neutrophils (10^9/l)



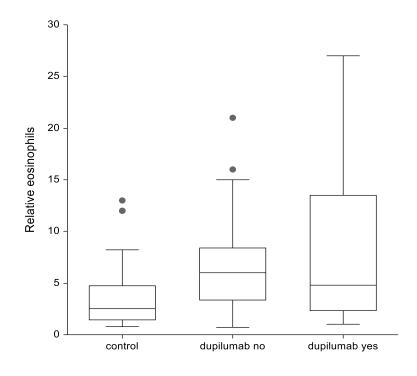
Relative monocytes (%)

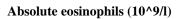


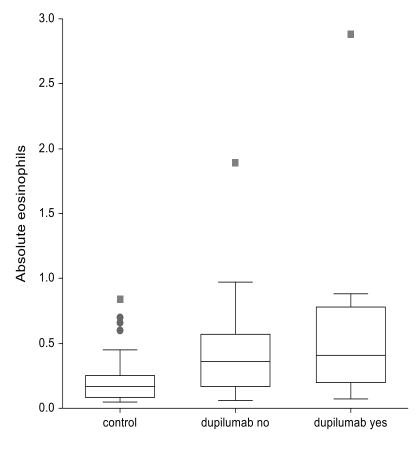




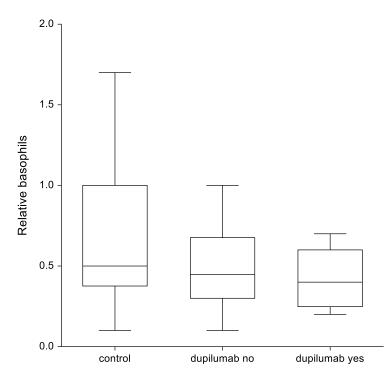
Relative eosinophils (%)

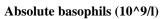


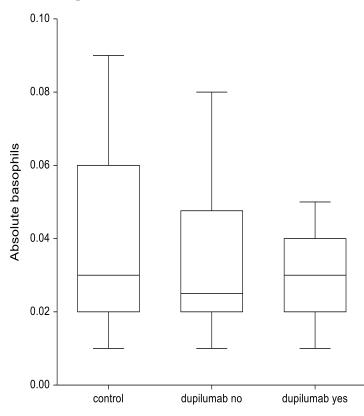




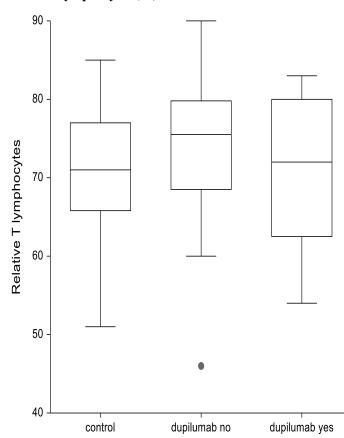
Relative basophils (%)





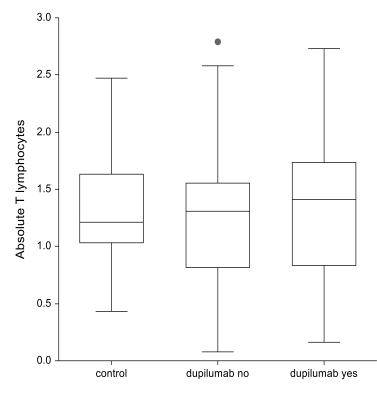


GRAPHS TO TABLE 3. T LYMPHOCYTES

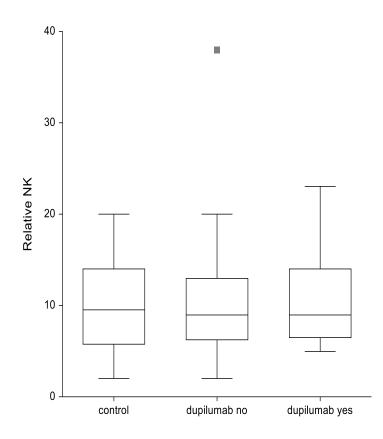


Relative T lymphocytes (%)

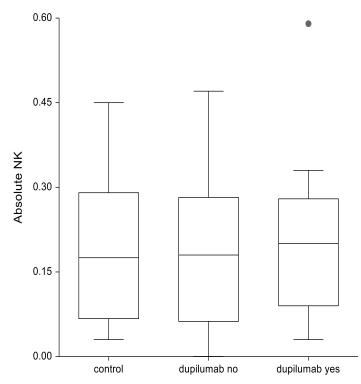
Absolute T lymphocytes (10^9/l)



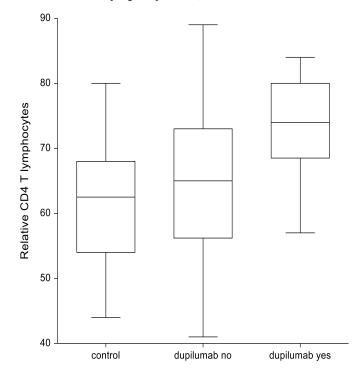
Relative natural killers (NK) cells (%)



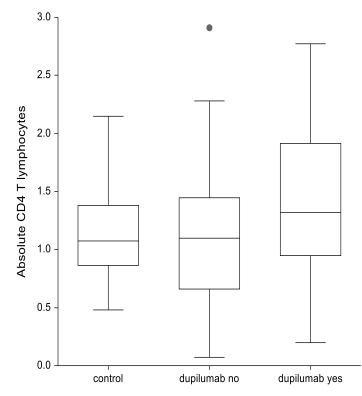
Absolute natural killers (NK) cells (10^9/l)



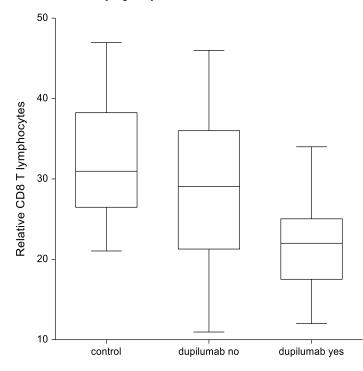
Relative CD4+ T lymphocytes (%)



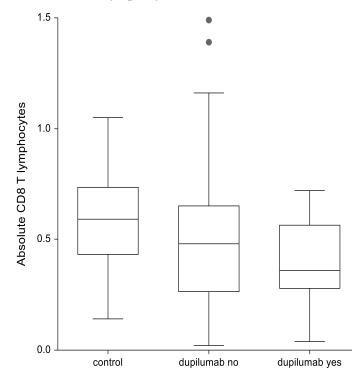
Absolute CD4+ T lymphocytes (10^9/l)



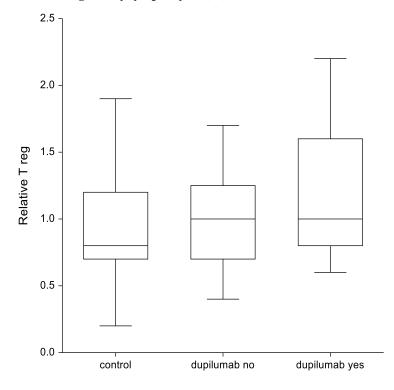
Relative CD8+ T lymphocytes (%)



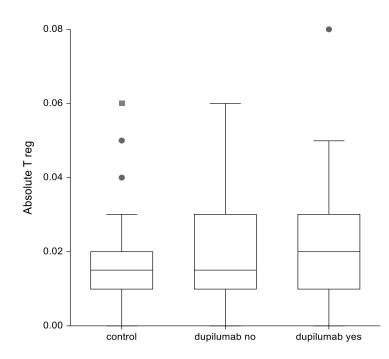
Absolute CD8+ T lymphocytes (10^9/l)



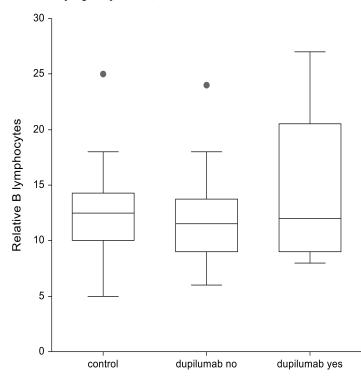
Relative T regulatory lymphocytes (%)

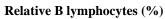


Absolute T regulatory lymphocytes (10^9/l)

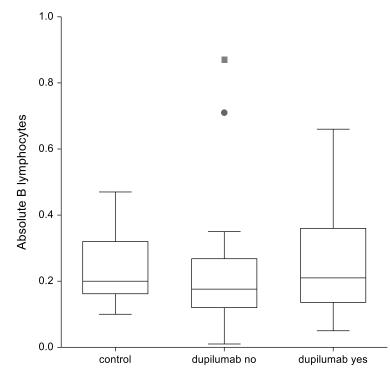


GRAPHS TO TABLE 4. B LYMPHOCYTES

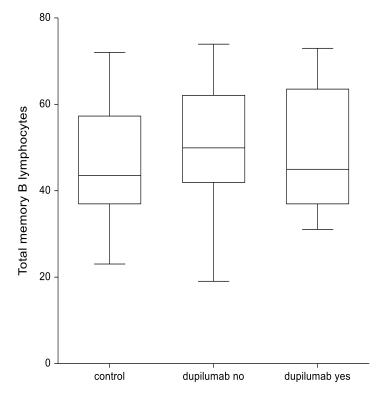




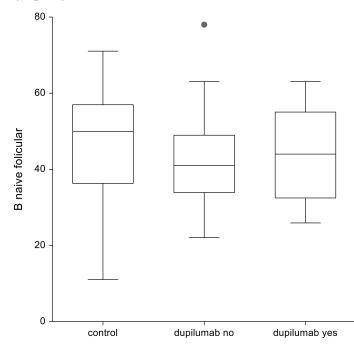
Absolute B lymphocytes (10^9/l)



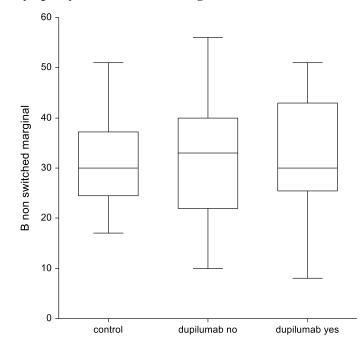
Total memory B lymphocytes (%)



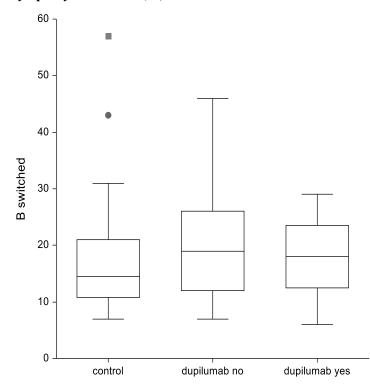
B lymphocytes naive (%)

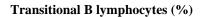


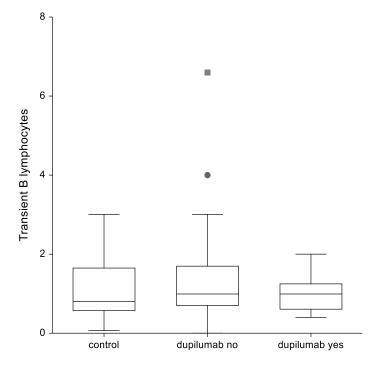
B lymphocytes non-switched marginal (%)



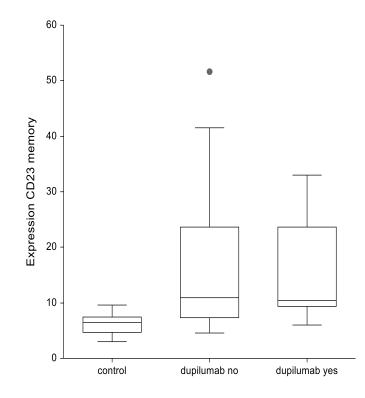
B lymphocytes switched (%)

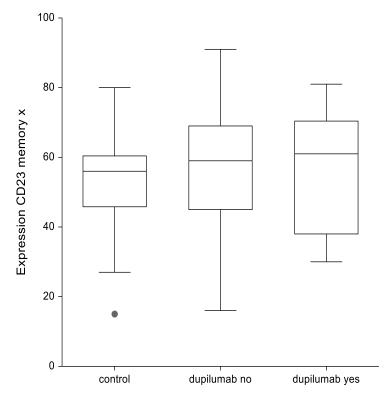






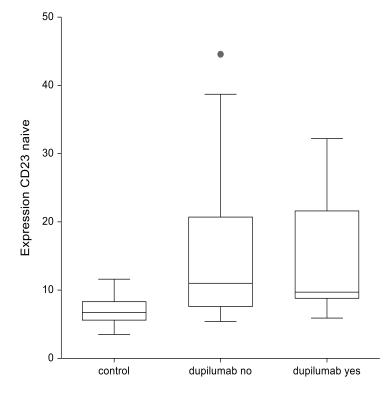
GRAPHS TO TABLE 5. EXPRESSION OF CD23 ON B LYMPHOCYTES SUBSETS Expression of CD23 on memory B lymphocytes (MFI)

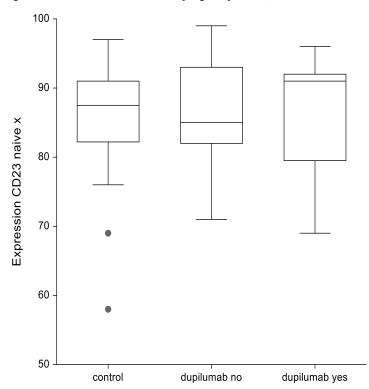




Expression of CD23 on memory B lymphocytes (%)

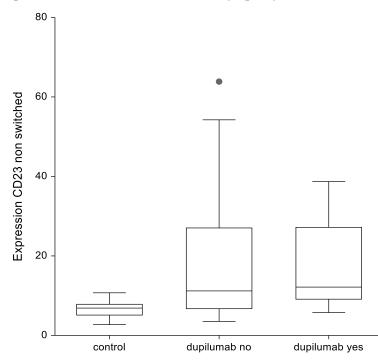
Expression of CD23 on naive B lymphocytes (MFI)



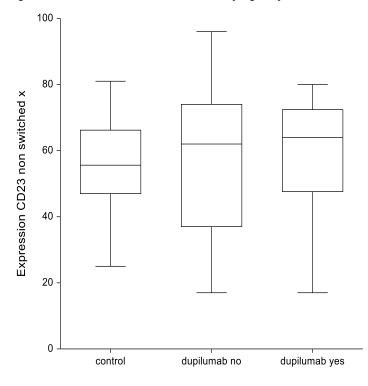


Expression of CD23 on naive B lymphocytes (%)

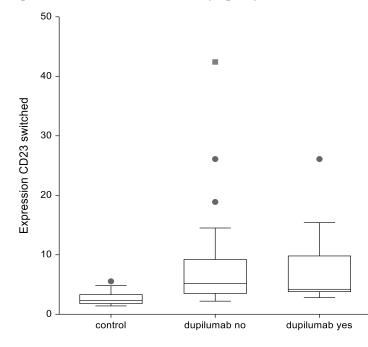
Expression of CD23 on non-switched B lymphocytes (MFI)



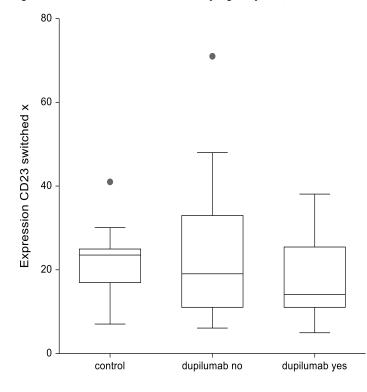
Expression of CD23 on non-switched B lymphocytes (%)



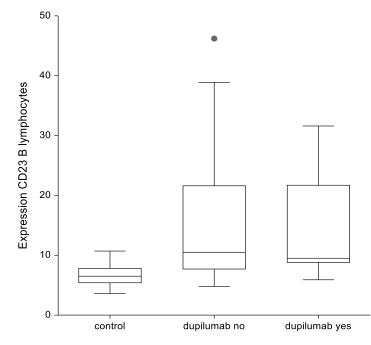
Expression of CD23 on switched B lymphocytes (MFI)

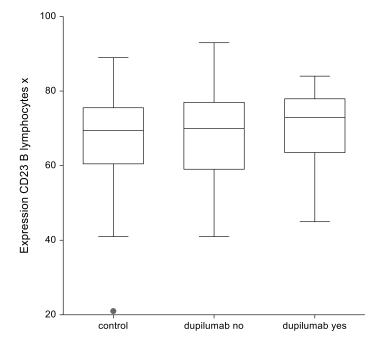


Expression of CD23 on switched B lymphocytes (%)



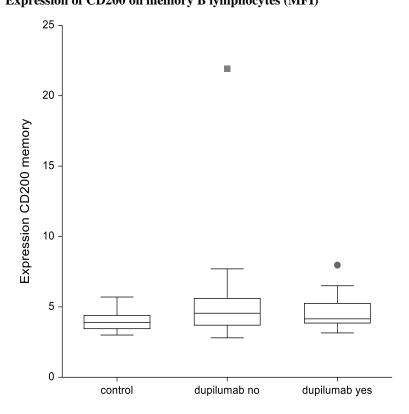
Expression of CD23 on total B lymphocytes (MFI)



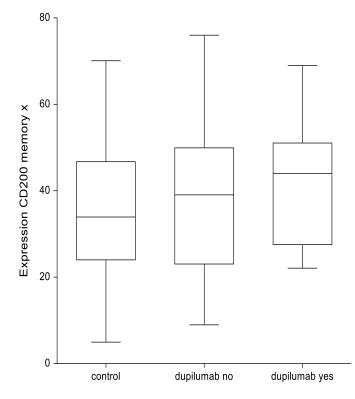


Expression of CD23 on total B lymphocytes (%)

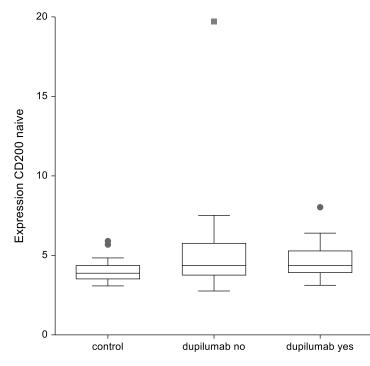
GRAPHS TO TABLE 6. EXPRESSION OF CD200 ON B LYMPHOCYTES SUBSETS Expression of CD200 on memory B lymphocytes (MFI)



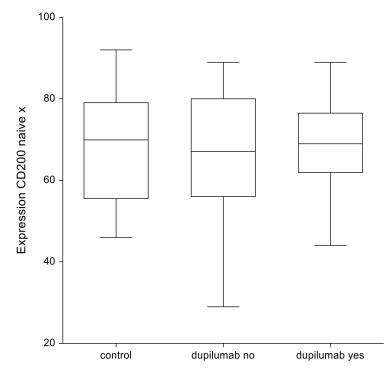
Expression of CD200 on memory B lymphocytes (%)



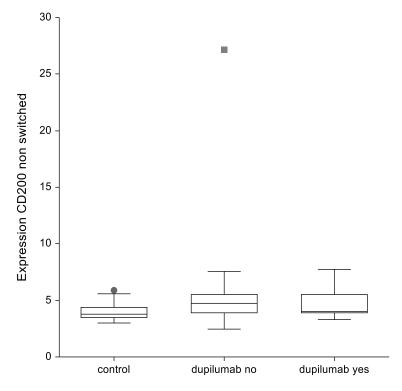
Expression of CD200 on naive B lymphocytes (MFI)



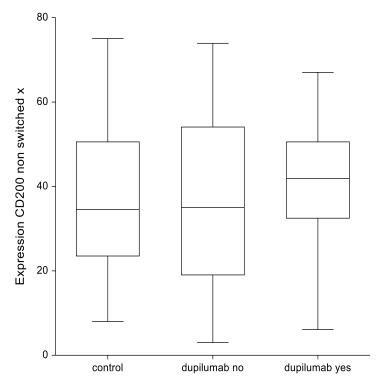
Expression of CD200 on naive B lymphocytes (%)



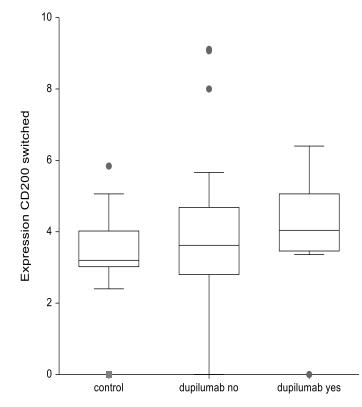
Expression of CD200 on non-switched B lymphocytes (MFI)



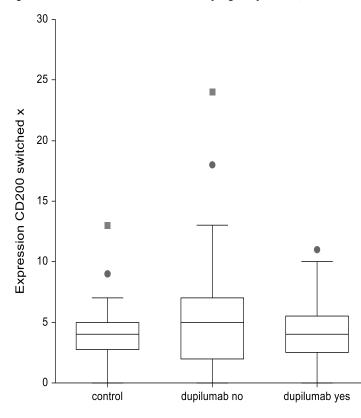
Expression of CD200 on non-switched B lymphocytes (%)



Expression of CD200 on switched B lymhocytes (MFI)



Expression of CD200 on switched B lymphocytes (%)



Expression of CD200 on total B lymphocytes (MFI)

