//// Measure\_ttal intensity per channel

run("Clear Results"); roiManager("reset");run("Close All");

dir1 = getDirectory("Choose Source C1");

dir2 = getDirectory("Choose Source C2");

dir3 = getDirectory("Choose Source C3");

list1 = getFileList(dir1);

list2 = getFileList(dir2);

list3 = getFileList(dir3);

//setBatchMode;

for (i=0; i <list1.length; i++) {

open(dir1+list1[i]);

name1= getTitle();

run("Select All");

run("Set Measurements...", "area mean integrated display redirect=None decimal=5");

run("Measure");

run("Close All");

open(dir2+list2[i]);

name1= getTitle();

run("Select All");

run("Set Measurements...", "area mean integrated display redirect=None decimal=5");

run("Measure");

run("Close All");

open(dir3+list3[i]);

name1= getTitle();

run("Select All");

run("Set Measurements...", "area mean integrated display redirect=None decimal=5");

run("Measure");

run("Close All");

}