//// Min\_slip-Proj\_3-channels

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

dir1 = getDirectory("Choose Source Directory for Channel1 ");

dir2 = getDirectory("Choose Destination");

dir3 = getDirectory("Choose Destination");

dir4 = getDirectory("Choose Destination");

dir5 = getDirectory("Choose Destination");

list1 = getFileList(dir1);

//setBatchMode;

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

open(dir1+list1[i]);

name1= getTitle();

rename("channel1");

run("Z Project...", "projection=[Max Intensity]");

run("Enhance Contrast", "saturated=0.35");

close("channel1");

saveAs("Tiff", dir2+list1[i]);

rename("channel1");

run("Stack to Images");

run("Red");

saveAs("Tiff", dir3+list1[i]);

close();

run("Grays");

saveAs("Tiff", dir4+list1[i]);

close();

run("Yellow");

saveAs("Tiff", dir5+list1[i]);

close();

run("Close All");

}