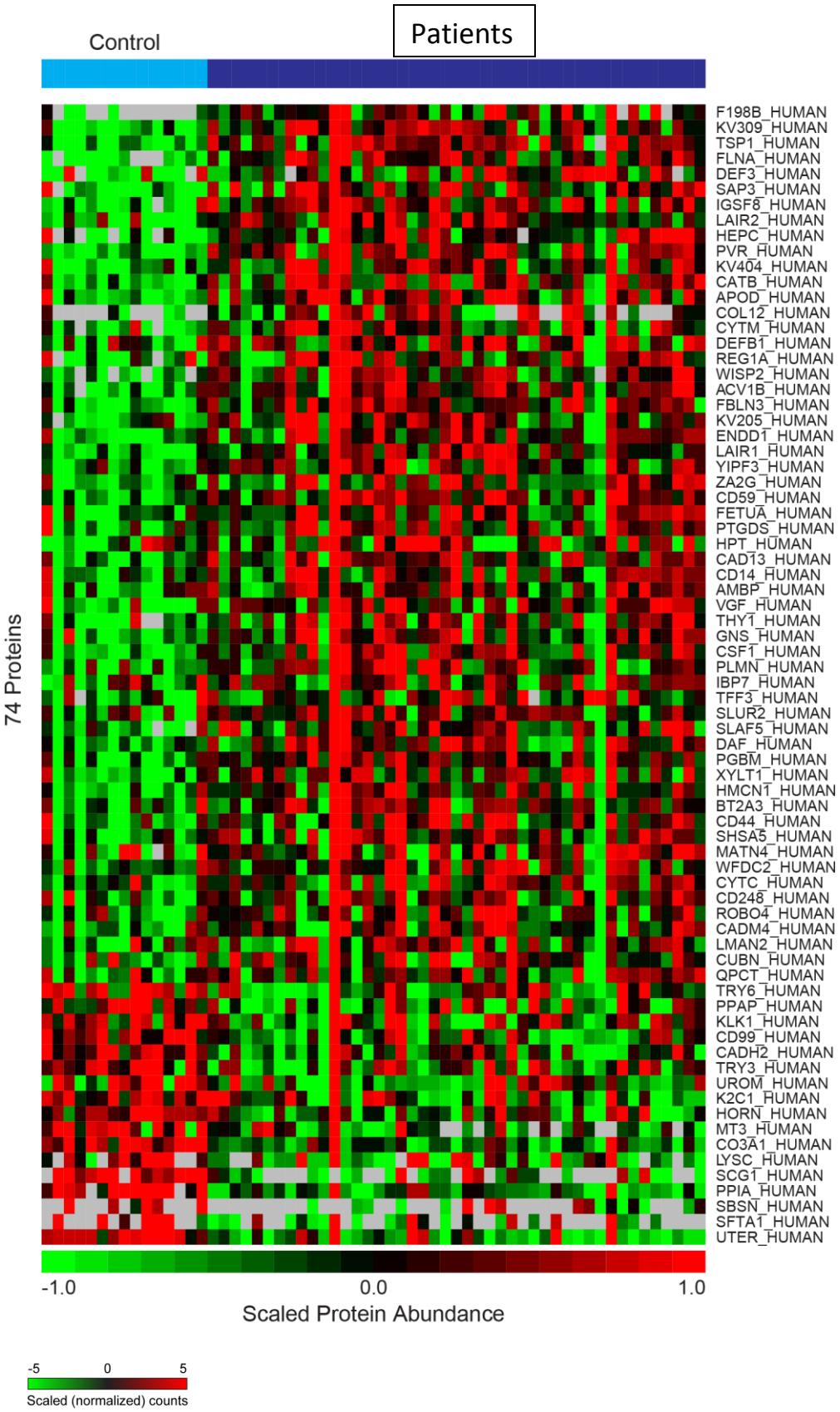Additional file 9.