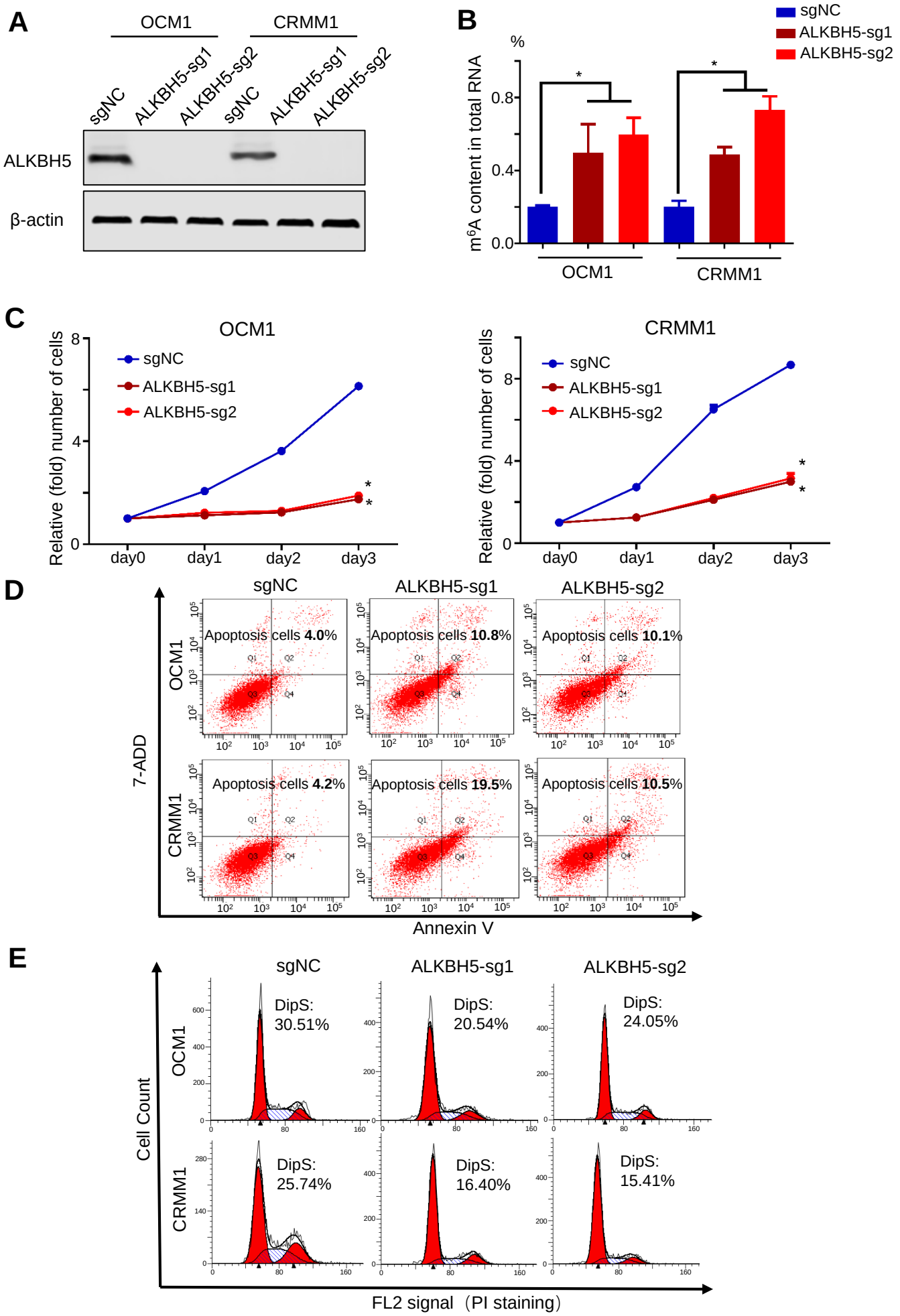Additional file 6: **Figure S3.**