

**Table S3. FISH results with specific CFA centromeric fosmids (in parenthesis the number of chromosomes according to Breen et al. 1999 (Chromosome Research 7: 401;406, 1999))**

| CLONE NAME                | FISH RESULTS                                                           |
|---------------------------|------------------------------------------------------------------------|
| G630P88580D11 BI1-3897G21 | chr 37                                                                 |
| G630P816490E11 BI1-411I22 | all except chr 1 (strong signals on chrs: 29; 32; 34; 35; 36; 37; 38)  |
| G630P89020G11 BI1-3524M21 | all except chr 1 (strong signals on chrs: 21, 31, 36, 37)              |
| G630P84226G11 BI1-1356M22 | all except chr 1 (strong signals on chrs: 21, 31, 34, 36)              |
| G630P88303G10 BI1-3749N20 | chrs 36; 37; 38                                                        |
| G630P8903H12 BI1-1850P24  | chr 36; 37; 38                                                         |
| G630P8139H12 BI1-1903P24  | all except chr 1 (strong signals on chrs: 21, 31, 34, 35, 36, 37)      |
| G630P8317C12 BI1-1922F23  | chr1 centromeric heterochromatic block+ others heterochromatic regions |