**Supplemental Figure 1** Analysis of expression of fibroblast specific genes (*Cdhl1, Cd248*) and absence of marker genes for osteoblasts, macrophages, osteoclasts and myogenic cells (*Bglap, Cd68, Itga7, MyoD1, Des*) in primary cell cultures of knee synovial tissue explants (a) as well as TMJ-dissected synovial tissue (b)

**Ergänzende Abbildung 1** Analyse der Expression von Fibroblasten-spezifischen Genen (Cdhl1, Cd248) und Abwesenheit von Markergenen für Osteoblasten, Makrophagen, Osteoklasten und myogene Zellen (Bglap, Cd68, Itga7, MyoD1, Des) in primären Zellkulturen von Knie-(a) sowie von TMJ-synovialem Gewebe (b)
### Supplemental Table 1 Primers used for semiquantitative PCR analysis in murine synovial fibroblasts

**Ergänzende Tabelle 1 Verwendete Primer für die semiquantitative PCR-Analyse in murinen synovialen Fibroblasten**

| Gene symbol | Gene name | 5'-forward primer-3' | 5'-reverse primer-3' | Gene bank accession number | Amplicon size, Tm, GC% |
|-------------|-----------|-----------------------|----------------------|----------------------------|------------------------|
| Cdh11       | cadherin 11 [54] | AGGACGACACAGCCAATGGAC | AAGTCCTGCTTCTGCGACTG | NM_009866.5 | 148 bp, 62°C, 57 |
| Cd248       | CD248 antigen, endosialin [26] | GCCAGCAGATGTGTGTCGG | GTAGGTGCCAGCCCATAGGAT | NM_054042.2 | 238 bp, 58°C, 52-55 |
| Bglap       | bone gamma-carboxyglutamate protein [26] | GTCTGTCTCTCTGACCTACA | TAGATCGCTTTGTAGGGG | NM_007541.3 | 231 bp, 61°C, 54-52 |
| Cd68        | CD68 antigen [26] | GCTTCTGCTGAGAAATGC |GGTAGGTTGATTGTCGTCTGC | NM_001291058.1 | 234 bp, 59°C, 52 |
| Itga7       | integrin alpha 7 | TTTGGGTTCTCTGTACGAGG | AGCTGTCAGGGGTCTGAGCATC | NM_008398.2 | 137 bp, 63°C, 57-56 |
| MyoD1       | myogenic differentiation 1 | ACTACAGTGGCACTGACATG | GTGTCGTAACCTCGCCCG | NM_010866.2 | 109 bp, 62°C, 54-60 |
| Des         | desmin | AACTCCGAGAAACCCAGGCC | GTTGCTGTGACGCTGCGTG | NM_010043.2 | 118 bp, 62°C, 57-60 |