**Suppl Figure 1:** Interhemispheric activation-difference cVEPs for three albinotic individuals (1-3) for three check sizes (2.0°, 1.0°, and 0.5° as indicated by the icons) and 98% stimulus contrast, as obtained for the right eye (black traces) and left (gray traces). Antiparallel traces are evident for each of the three subjects and for each condition as indicated by the consistently negative r-values for the interocular correlations given next to the trace pairs.
Suppl. Figure 2: Comparison of right and left eye mfVEP responses for two representative control subjects. Conventions as for Figure 3. In the left column interhemispheric mfVEP difference traces after right (black traces) and left eye stimulation (grey traces) are depicted. mfVEPs recorded at symmetrical electrode sites on opposing hemispheres are depicted. The responses varied across the visual field, for a particular visual field location, however, similar traces were obtained from both eyes. Consequently, instead of a polarity inversion of mfVEPs from opposite sides of the horizontal meridian, as would be expected for mfVEPs recorded from central recording pairs, the traces on opposite sides of the vertical meridian tend to have inverted polarities for the interhemispheric mfVEP differences. In the right column correlations of the interhemispheric mfVEP differences to stimulation of the left and right eye are depicted. For almost all supra-threshold visual field locations positively correlated responses were obtained.
Suppl. Figure 3: Dependence of the interhemifield SNR*-differences (SNR*_left hemifield − SNR*_right hemifield) on the hemisphere recorded from controls, PCD without and with situs inversus totalis (s.i.t.) for stimulation of the left and the right eye (mean±SEM). Responses were dominant for recording sites contralateral to the stimulated hemifield in all three subject groups as detailed in Results. Details on the analysis are given in Methods. re – right eye, le – left eye