



Fig. S1. Specificity of *Vegfa* isoform PCR reagents and perseverance of the dorsolateral fascicles in *Nrp1*-null mutants.

(A) The specificity of oligonucleotide primers for *Vegfa* isoform expression analysis was validated by RT-PCR using cDNA derived from *Vegfa*^{120/120}, *Vegfa*^{164/164} or wildtype E12.5 mouse embryo trunks, respectively. Note that a molecular weight standard confirmed the predicted sizes of each isoform as 179, 159 and 215 bp, respectively.

(B) Wholemout staining of E12.5 wildtype hindbrains for NRP1 and TUJ1; the single NRP1 and TUJ1 channels are shown in grey scale adjacent to each panel. Scale bar: 200 μ m.