

Table S1. The XCR1 sequence identities between grass carp and other species.

Species	Protein	GenBank Accession Number	Identity
<i>Ctenopharyngodon idellus</i>	chemokine C motif receptor	AHK09953	
<i>Lepisosteus oculatus</i>	chemokine XC receptor 1-like	XP_006634615	53%
<i>Astyanax mexicanus</i>	chemokine XC receptor 1-like	XP_007242656	63%
<i>Haplochromis burtoni</i>	chemokine XC receptor 1-like	XP_005951465	49%
<i>Danio rerio</i>	chemokine XC receptor 1-like	XP_002667429	77%
<i>Oreochromis niloticus</i>	chemokine XC receptor 1-like	XP_005476551	49%
<i>Microtus ochrogaster</i>	chemokine XC receptor 1	XP_005348228	44%
<i>Lipotes vexillifer</i>	chemokine XC receptor 1	XP_007470304	46%
<i>Bos taurus</i>	chemokine XC receptor 1	NP_001181894	45%
<i>Erinaceus europaeus</i>	chemokine XC receptor 1	XP_007531515	47%
<i>Felis catus</i>	chemokine XC receptor 1	XP_006928739	44%