Table S1 Summary of genetic polymorphic parameters in the six yellow catfish populations using ten microsatellite markers

Populations		AG12	AG128	CT81	PF01	PF03	PF05	PF08	PF130	PF448	PF532B	Mean
WSLR	N_a	13	14	4	6	4	3	15	13	7	11	9.000
n=20	N_e	5.970	4.938	1.229	1.452	2.640	1.164	6.154	5.369	1.940	6.780	3.764
	H_o	0.900	0.900	0.200	0.350	0.750	0.150	0.900	0.800	0.294	0.900	0.614
	H_e	0.833	0.798	0.186	0.311	0.621	0.141	0.838	0.814	0.484	0.853	0.588
	PIC	0.815	0.783	0.180	0.300	0.559	0.136	0.822	0.793	0.467	0.836	0.569
	I	2.124	2.090	0.429	0.722	1.099	0.314	2.215	2.050	1.105	2.100	1.425
PYHL	N_a	17	15	4	6	4	3	17	15	10	16	10.700
n=21	N_e	9.797	11.111	1.416	3.063	3.514	1.135	12.033	6.299	7.018	11.765	6.715
	H_o	9.797	11.111	1.416	3.063	3.514	1.135	12.033	6.299	7.018	11.765	0.622
	H_e	2.573	2.530	0.610	1.321	1.314	0.277	2.650	2.222	2.094	2.589	0.714
	PIC	0.891	0.903	0.277	0.617	0.664	0.116	0.911	0.826	0.842	0.909	0.696
	I	2.573	2.530	0.610	1.321	1.314	0.277	2.650	2.222	2.094	2.589	1.818
GHL	N_a	21	13	5	5	4	3	13	11	8	18	10.100
n=21	N_e	16.333	9.093	1.575	2.485	2.066	1.407	10.627	4.546	3.010	9.383	6.052
	H_o	0.952	0.952	0.381	0.571	0.619	0.286	0.857	0.810	0.235	0.952	0.662
	H_e	0.939	0.890	0.365	0.598	0.516	0.289	0.906	0.780	0.668	0.893	0.684
	PIC	0.935	0.881	0.343	0.562	0.480	0.266	0.898	0.760	0.637	0.886	0.665
	I	2.908	2.379	0.766	1.198	0.990	0.550	2.454	1.897	1.476	2.550	1.717
HHL	N_a	15	13	5	10	5	3	20	13	10	18	11.200
n=21	N_e	11.940	8.640	1.500	3.835	3.865	1.164	14.700	7.339	4.940	12.042	6.997
	H_o	0.950	0.889	0.381	0.714	0.750	0.100	0.857	0.850	0.176	0.941	0.661
	H_e	0.916	0.884	0.333	0.739	0.741	0.141	0.932	0.864	0.798	0.917	0.727
	PIC	0.910	0.874	0.318	0.702	0.696	0.136	0.928	0.852	0.774	0.911	0.710
	I	2.576	2.344	0.726	1.663	1.425	0.314	2.838	2.258	1.890	2.690	1.872
HZHL	N_a	16	15	5	5	4	4	18	13	18	17	11.500
n=20	N_e	11.594	13.115	1.372	1.918	2.674	1.176	9.639	7.143	13.623	10.667	7.292
	H_o	2.587	2.631	0.622	0.971	1.173	0.363	2.602	2.214	2.734	2.595	0.632
	H_e	0.950	0.900	0.300	0.350	0.789	0.105	0.800	0.900	0.421	0.800	0.695
	PIC	0.907	0.918	0.262	0.448	0.581	0.146	0.890	0.846	0.922	0.900	0.682
	I	2.587	2.631	0.622	0.971	1.173	0.363	2.602	2.214	2.734	2.595	1.849
DTHL	N_a	24	11	5	6	4	1	17	11	9	15	10.300
n=21	N_e	17.640	6.837	1.757	4.261	2.748	1.000	10.756	4.046	7.127	10.023	6.619
	H_o	3.026	2.102	0.879	1.559	1.119	0.000	2.569	1.853	2.055	2.487	0.667
	H_e	0.952	0.857	0.429	0.714	0.810	0.000	0.905	0.857	0.429	0.714	0.705
	PIC	0.940	0.838	0.404	0.727	0.573	0.000	0.900	0.734	0.844	0.892	0.685
	I	3.026	2.102	0.879	1.559	1.119	0.000	2.569	1.853	2.055	2.487	1.765