

Harvard Forest Data Archive HF459-12

Data File:

Name = hf459-12-au-cdom-w.csv

Description = Arthur Brook Upper CDOM absorption coefficients
(weekly)

Rows = 32 Columns = 552

MD5 checksum = 530351d1d31a85fde333127207c6cbdf

Variables:

date = date of sample

ag_250 = absorption coefficient at 250 nanometers (inverseMeter)
ag_251 = absorption coefficient at 251 nanometers (inverseMeter)
ag_252 = absorption coefficient at 252 nanometers (inverseMeter)
ag_253 = absorption coefficient at 253 nanometers (inverseMeter)
ag_254 = absorption coefficient at 254 nanometers (inverseMeter)
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ag_799 = absorption coefficient at 799 nanometers (inverseMeter)
ag_800 = absorption coefficient at 800 nanometers (inverseMeter)

Variable	Min	Median	Mean	Max	NAs
date	2023-08-01	2024-04-24	2024-06-02	2025-07-16	0
ag_250	10.863	21.206	25.645	99.790	0
ag_251	10.771	21.029	25.434	98.915	0
ag_252	10.679	20.864	25.232	98.040	0
ag_253	10.586	20.703	25.033	97.281	0
ag_254	10.471	20.544	24.835	96.544	0
ag_255	10.402	20.365	24.636	95.761	0
ag_256	10.333	20.217	24.448	95.047	0
ag_257	10.241	20.056	24.257	94.310	0
ag_258	10.126	19.871	24.049	93.550	0
ag_259	10.057	19.710	23.849	92.814	0
ag_260	9.965	19.535	23.639	92.100	0
ag_261	9.873	19.358	23.422	91.340	0
ag_262	9.781	19.167	23.200	90.534	0
ag_263	9.688	18.973	22.977	89.705	0
ag_264	9.573	18.787	22.744	88.853	0
ag_265	9.458	18.591	22.506	88.024	0
ag_266	9.297	18.376	22.249	87.149	0
ag_267	9.228	18.174	22.001	86.274	0
ag_268	9.136	17.956	21.742	85.376	0
ag_269	8.998	17.739	21.489	84.478	0
ag_270	8.883	17.522	21.227	83.580	0
ag_271	8.790	17.314	20.971	82.659	0
ag_272	8.698	17.095	20.704	81.738	0
ag_273	8.560	16.876	20.441	80.817	0
ag_274	8.445	16.656	20.178	79.919	0
ag_275	8.330	16.439	19.915	78.998	0
ag_276	8.192	16.220	19.661	78.077	0
ag_277	8.077	16.016	19.401	77.179	0
ag_278	7.985	15.802	19.152	76.258	0
ag_279	7.869	15.601	18.904	75.360	0
ag_280	7.754	15.390	18.654	74.462	0
ag_281	7.662	15.211	18.416	73.610	0
ag_282	7.570	15.000	18.175	72.735	0
ag_283	7.455	14.799	17.935	71.837	0
ag_284	7.363	14.613	17.697	70.939	0
ag_285	7.271	14.416	17.464	70.041	0
ag_286	7.179	14.229	17.234	69.143	0
ag_287	7.064	14.057	17.001	68.268	0
ag_288	6.948	13.850	16.768	67.324	0
ag_289	6.856	13.677	16.540	66.472	0
ag_290	6.764	13.474	16.313	65.597	0
ag_291	6.695	13.320	16.102	64.745	0
ag_292	6.603	13.153	15.889	63.824	0
ag_293	6.511	12.965	15.683	62.995	0
ag_294	6.396	12.800	15.474	62.212	0
ag_295	6.327	12.650	15.266	61.383	0
ag_296	6.258	12.489	15.062	60.577	0
ag_297	6.120	12.317	14.861	59.864	0

Variable	Min	Median	Mean	Max	NAs
ag_298	6.050	12.157	14.672	59.058	0
ag_299	5.981	12.011	14.483	58.321	0
ag_300	5.935	11.842	14.298	57.584	0
ag_301	5.843	11.712	14.116	56.847	0
ag_302	5.797	11.579	13.937	56.110	0
ag_303	5.682	11.405	13.748	55.374	0
ag_304	5.613	11.255	13.563	54.637	0
ag_305	5.567	11.131	13.397	53.946	0
ag_306	5.498	10.967	13.216	53.278	0
ag_307	5.429	10.806	13.035	52.587	0
ag_308	5.314	10.691	12.860	51.920	0
ag_309	5.290	10.530	12.695	51.183	0
ag_310	5.198	10.392	12.532	50.584	0
ag_311	5.152	10.277	12.362	49.870	0
ag_312	5.083	10.150	12.199	49.226	0
ag_313	4.968	9.977	12.034	48.604	0
ag_314	4.899	9.851	11.866	47.959	0
ag_315	4.830	9.724	11.703	47.315	0
ag_316	4.784	9.597	11.540	46.647	0
ag_317	4.715	9.448	11.377	46.025	0
ag_318	4.692	9.321	11.224	45.450	0
ag_319	4.485	9.252	11.062	44.759	0
ag_320	4.485	9.102	10.900	44.160	0
ag_321	4.277	8.918	10.745	43.515	0
ag_322	4.231	8.837	10.600	42.940	0
ag_323	4.254	8.722	10.447	42.272	0
ag_324	4.185	8.550	10.305	41.604	0
ag_325	4.185	8.423	10.146	41.098	0
ag_326	4.116	8.361	10.016	40.476	0
ag_327	3.955	8.217	9.830	39.969	0
ag_328	3.955	8.066	9.698	39.417	0
ag_329	3.863	7.882	9.550	38.818	0
ag_330	3.909	7.836	9.406	38.196	0
ag_331	3.748	7.755	9.269	37.690	0
ag_332	3.725	7.537	9.128	37.091	0
ag_333	3.633	7.467	8.967	36.584	0
ag_334	3.541	7.341	8.837	35.940	0
ag_335	3.564	7.331	8.724	35.479	0
ag_336	3.471	7.134	8.598	34.973	0
ag_337	3.402	7.030	8.461	34.420	0
ag_338	3.333	6.984	8.313	33.844	0
ag_339	3.333	6.880	8.184	33.269	0
ag_340	3.310	6.754	8.074	32.762	0
ag_341	3.241	6.581	7.951	32.417	0
ag_342	3.172	6.535	7.820	31.910	0
ag_343	3.149	6.408	7.688	31.358	0
ag_344	3.103	6.328	7.562	30.920	0
ag_345	3.011	6.213	7.432	30.437	0
ag_346	2.988	6.030	7.310	29.930	0
ag_347	2.942	6.005	7.198	29.516	0
ag_348	2.804	5.973	7.077	28.986	0

Variable	Min	Median	Mean	Max	NAs
ag_349	2.896	5.821	6.966	28.502	0
ag_350	2.758	5.708	6.846	28.042	0
ag_351	2.712	5.694	6.738	27.627	0
ag_352	2.712	5.621	6.637	27.144	0
ag_353	2.666	5.478	6.525	26.729	0
ag_354	2.574	5.407	6.421	26.361	0
ag_355	2.527	5.299	6.304	25.970	0
ag_356	2.593	5.218	6.202	25.463	0
ag_357	2.550	5.167	6.104	25.026	0
ag_358	2.435	5.082	5.978	24.703	0
ag_359	2.389	4.942	5.875	24.243	0
ag_360	2.297	4.838	5.787	23.920	0
ag_361	2.320	4.835	5.687	23.460	0
ag_362	2.297	4.729	5.592	23.045	0
ag_363	2.274	4.660	5.496	22.746	0
ag_364	2.205	4.571	5.397	22.378	0
ag_365	2.156	4.458	5.305	21.986	0
ag_366	2.156	4.447	5.218	21.618	0
ag_367	2.110	4.373	5.126	21.272	0
ag_368	2.044	4.282	5.031	20.858	0
ag_369	1.975	4.184	4.925	20.581	0
ag_370	1.925	4.115	4.836	20.167	0
ag_371	1.929	4.040	4.749	19.868	0
ag_372	1.952	3.963	4.688	19.499	0
ag_373	1.860	3.917	4.607	19.131	0
ag_374	1.929	3.869	4.513	18.924	0
ag_375	1.741	3.809	4.431	18.555	0
ag_376	1.833	3.772	4.356	18.233	0
ag_377	1.768	3.699	4.287	18.026	0
ag_378	1.652	3.597	4.209	17.772	0
ag_379	1.722	3.579	4.128	17.358	0
ag_380	1.629	3.469	4.052	16.989	0
ag_381	1.626	3.392	3.979	16.690	0
ag_382	1.629	3.388	3.916	16.391	0
ag_383	1.560	3.337	3.846	16.184	0
ag_384	1.514	3.255	3.772	15.930	0
ag_385	1.560	3.201	3.707	15.585	0
ag_386	1.514	3.161	3.646	15.332	0
ag_387	1.468	3.090	3.580	15.055	0
ag_388	1.422	2.993	3.511	14.871	0
ag_389	1.422	2.965	3.443	14.549	0
ag_390	1.422	2.943	3.395	14.319	0
ag_391	1.396	2.872	3.327	14.065	0
ag_392	1.376	2.825	3.267	13.835	0
ag_393	1.284	2.801	3.210	13.582	0
ag_394	1.304	2.719	3.155	13.374	0
ag_395	1.304	2.684	3.095	13.144	0
ag_396	1.258	2.639	3.050	12.983	0
ag_397	1.215	2.583	2.992	12.730	0
ag_398	1.192	2.559	2.930	12.499	0
ag_399	1.192	2.506	2.885	12.315	0

Variable	Min	Median	Mean	Max	NAs
ag_400	1.189	2.459	2.832	12.131	0
ag_401	1.169	2.416	2.785	11.878	0
ag_402	1.123	2.372	2.732	11.694	0
ag_403	1.123	2.342	2.684	11.509	0
ag_404	1.097	2.311	2.636	11.302	0
ag_405	1.097	2.270	2.593	11.118	0
ag_406	1.097	2.216	2.553	10.934	0
ag_407	1.050	2.198	2.505	10.726	0
ag_408	1.008	2.144	2.463	10.565	0
ag_409	1.027	2.114	2.412	10.404	0
ag_410	1.008	2.088	2.378	10.220	0
ag_411	0.981	2.068	2.334	10.036	0
ag_412	0.962	2.028	2.296	9.874	0
ag_413	0.939	1.990	2.260	9.713	0
ag_414	0.935	1.952	2.206	9.552	0
ag_415	0.870	1.922	2.173	9.368	0
ag_416	0.889	1.897	2.139	9.230	0
ag_417	0.889	1.847	2.100	9.046	0
ag_418	0.824	1.831	2.063	8.931	0
ag_419	0.847	1.772	2.023	8.769	0
ag_420	0.820	1.769	1.996	8.654	0
ag_421	0.820	1.729	1.966	8.516	0
ag_422	0.820	1.707	1.937	8.378	0
ag_423	0.824	1.681	1.894	8.217	0
ag_424	0.797	1.656	1.872	8.079	0
ag_425	0.797	1.613	1.835	7.940	0
ag_426	0.751	1.601	1.800	7.825	0
ag_427	0.754	1.584	1.777	7.687	0
ag_428	0.754	1.559	1.746	7.595	0
ag_429	0.708	1.538	1.714	7.457	0
ag_430	0.682	1.489	1.689	7.319	0
ag_431	0.705	1.490	1.661	7.250	0
ag_432	0.682	1.475	1.628	7.134	0
ag_433	0.682	1.418	1.600	7.042	0
ag_434	0.662	1.417	1.580	6.927	0
ag_435	0.636	1.383	1.553	6.812	0
ag_436	0.636	1.360	1.523	6.697	0
ag_437	0.662	1.337	1.506	6.536	0
ag_438	0.616	1.320	1.483	6.513	0
ag_439	0.613	1.302	1.456	6.421	0
ag_440	0.613	1.257	1.425	6.282	0
ag_441	0.570	1.234	1.405	6.190	0
ag_442	0.616	1.221	1.388	6.075	0
ag_443	0.590	1.233	1.365	5.960	0
ag_444	0.590	1.194	1.352	5.891	0
ag_445	0.613	1.194	1.332	5.822	0
ag_446	0.547	1.165	1.306	5.753	0
ag_447	0.570	1.148	1.287	5.661	0
ag_448	0.544	1.141	1.269	5.592	0
ag_449	0.524	1.095	1.248	5.500	0
ag_450	0.544	1.095	1.231	5.407	0

Variable	Min	Median	Mean	Max	NAs
ag_451	0.521	1.079	1.212	5.338	0
ag_452	0.524	1.053	1.199	5.269	0
ag_453	0.521	1.056	1.179	5.200	0
ag_454	0.478	1.053	1.157	5.131	0
ag_455	0.498	1.014	1.138	5.039	0
ag_456	0.475	1.003	1.123	4.993	0
ag_457	0.455	0.980	1.101	4.878	0
ag_458	0.498	0.957	1.092	4.809	0
ag_459	0.455	0.947	1.074	4.786	0
ag_460	0.475	0.938	1.060	4.694	0
ag_461	0.455	0.934	1.046	4.625	0
ag_462	0.478	0.915	1.028	4.579	0
ag_463	0.432	0.892	1.013	4.487	0
ag_464	0.432	0.877	1.001	4.440	0
ag_465	0.452	0.877	0.988	4.394	0
ag_466	0.432	0.875	0.974	4.325	0
ag_467	0.409	0.869	0.965	4.256	0
ag_468	0.429	0.837	0.955	4.210	0
ag_469	0.406	0.836	0.940	4.118	0
ag_470	0.406	0.813	0.923	4.095	0
ag_471	0.406	0.809	0.914	4.049	0
ag_472	0.386	0.797	0.899	4.003	0
ag_473	0.386	0.779	0.885	3.957	0
ag_474	0.406	0.768	0.874	3.888	0
ag_475	0.386	0.760	0.863	3.819	0
ag_476	0.383	0.754	0.852	3.773	0
ag_477	0.383	0.738	0.842	3.727	0
ag_478	0.360	0.733	0.826	3.658	0
ag_479	0.360	0.717	0.813	3.635	0
ag_480	0.360	0.704	0.804	3.588	0
ag_481	0.360	0.691	0.790	3.519	0
ag_482	0.337	0.679	0.781	3.496	0
ag_483	0.360	0.673	0.771	3.450	0
ag_484	0.340	0.668	0.761	3.381	0
ag_485	0.337	0.676	0.758	3.358	0
ag_486	0.314	0.646	0.747	3.289	0
ag_487	0.314	0.635	0.736	3.266	0
ag_488	0.314	0.635	0.723	3.220	0
ag_489	0.314	0.619	0.718	3.220	0
ag_490	0.291	0.623	0.703	3.082	0
ag_491	0.294	0.616	0.695	3.082	0
ag_492	0.268	0.599	0.690	3.059	0
ag_493	0.294	0.596	0.681	3.036	0
ag_494	0.315	0.565	0.674	2.990	0
ag_495	0.294	0.584	0.662	2.944	0
ag_496	0.271	0.550	0.652	2.898	0
ag_497	0.271	0.550	0.642	2.875	0
ag_498	0.271	0.538	0.629	2.806	0
ag_499	0.268	0.543	0.624	2.806	0
ag_500	0.291	0.551	0.616	2.736	0
ag_501	0.245	0.515	0.606	2.713	0

Variable	Min	Median	Mean	Max	NAs
ag_502	0.248	0.507	0.600	2.691	0
ag_503	0.271	0.501	0.591	2.644	0
ag_504	0.271	0.509	0.585	2.598	0
ag_505	0.268	0.492	0.584	2.575	0
ag_506	0.248	0.503	0.573	2.552	0
ag_507	0.245	0.481	0.564	2.529	0
ag_508	0.225	0.501	0.554	2.483	0
ag_509	0.245	0.457	0.545	2.437	0
ag_510	0.245	0.464	0.542	2.391	0
ag_511	0.245	0.464	0.538	2.345	0
ag_512	0.245	0.459	0.527	2.322	0
ag_513	0.225	0.435	0.520	2.322	0
ag_514	0.225	0.435	0.516	2.299	0
ag_515	0.222	0.435	0.509	2.276	0
ag_516	0.222	0.423	0.504	2.230	0
ag_517	0.199	0.406	0.496	2.184	0
ag_518	0.222	0.420	0.490	2.161	0
ag_519	0.222	0.412	0.487	2.161	0
ag_520	0.222	0.411	0.477	2.115	0
ag_521	0.222	0.394	0.468	2.069	0
ag_522	0.222	0.383	0.465	2.069	0
ag_523	0.222	0.385	0.456	2.023	0
ag_524	0.199	0.383	0.452	2.023	0
ag_525	0.199	0.374	0.447	2.000	0
ag_526	0.199	0.385	0.443	1.977	0
ag_527	0.199	0.362	0.434	1.931	0
ag_528	0.222	0.351	0.428	1.885	0
ag_529	0.199	0.371	0.425	1.885	0
ag_530	0.175	0.351	0.417	1.839	0
ag_531	0.175	0.333	0.412	1.815	0
ag_532	0.175	0.336	0.406	1.792	0
ag_533	0.175	0.325	0.400	1.769	0
ag_534	0.175	0.328	0.394	1.746	0
ag_535	0.175	0.325	0.395	1.723	0
ag_536	0.175	0.325	0.387	1.723	0
ag_537	0.175	0.316	0.380	1.677	0
ag_538	0.175	0.310	0.380	1.677	0
ag_539	0.175	0.314	0.377	1.654	0
ag_540	0.153	0.305	0.369	1.631	0
ag_541	0.175	0.319	0.369	1.608	0
ag_542	0.176	0.296	0.362	1.608	0
ag_543	0.175	0.302	0.359	1.539	0
ag_544	0.129	0.282	0.352	1.539	0
ag_545	0.152	0.282	0.354	1.539	0
ag_546	0.152	0.293	0.348	1.516	0
ag_547	0.152	0.279	0.338	1.493	0
ag_548	0.168	0.264	0.334	1.470	0
ag_549	0.168	0.279	0.335	1.447	0
ag_550	0.153	0.273	0.328	1.424	0
ag_551	0.129	0.263	0.328	1.424	0
ag_552	0.129	0.272	0.321	1.401	0

Variable	Min	Median	Mean	Max	NAs
ag_553	0.152	0.261	0.317	1.378	0
ag_554	0.153	0.250	0.314	1.378	0
ag_555	0.145	0.250	0.308	1.332	0
ag_556	0.145	0.252	0.303	1.332	0
ag_557	0.126	0.245	0.297	1.332	0
ag_558	0.145	0.238	0.295	1.309	0
ag_559	0.135	0.247	0.293	1.263	0
ag_560	0.122	0.236	0.291	1.240	0
ag_561	0.122	0.232	0.286	1.263	0
ag_562	0.129	0.233	0.284	1.240	0
ag_563	0.106	0.215	0.278	1.217	0
ag_564	0.129	0.215	0.277	1.194	0
ag_565	0.126	0.226	0.275	1.194	0
ag_566	0.112	0.233	0.274	1.148	0
ag_567	0.112	0.215	0.268	1.148	0
ag_568	0.135	0.213	0.271	1.171	0
ag_569	0.122	0.203	0.261	1.125	0
ag_570	0.103	0.198	0.255	1.102	0
ag_571	0.107	0.214	0.257	1.056	0
ag_572	0.103	0.204	0.256	1.079	0
ag_573	0.099	0.213	0.251	1.079	0
ag_574	0.109	0.215	0.252	1.056	0
ag_575	0.106	0.211	0.250	1.079	0
ag_576	0.109	0.211	0.249	1.056	0
ag_577	0.103	0.198	0.244	1.010	0
ag_578	0.103	0.190	0.238	0.987	0
ag_579	0.107	0.195	0.235	0.987	0
ag_580	0.089	0.188	0.233	0.964	0
ag_581	0.089	0.188	0.230	0.964	0
ag_582	0.106	0.187	0.229	1.010	0
ag_583	0.103	0.187	0.225	0.964	0
ag_584	0.099	0.165	0.219	0.940	0
ag_585	0.076	0.169	0.219	0.917	0
ag_586	0.076	0.186	0.217	0.917	0
ag_587	0.080	0.179	0.214	0.894	0
ag_588	0.087	0.169	0.213	0.894	0
ag_589	0.064	0.163	0.211	0.894	0
ag_590	0.087	0.174	0.209	0.871	0
ag_591	0.080	0.164	0.201	0.871	0
ag_592	0.056	0.158	0.195	0.848	0
ag_593	0.053	0.150	0.196	0.848	0
ag_594	0.063	0.151	0.194	0.871	0
ag_595	0.061	0.156	0.193	0.848	0
ag_596	0.066	0.163	0.195	0.825	0
ag_597	0.076	0.143	0.187	0.802	0
ag_598	0.063	0.148	0.185	0.802	0
ag_599	0.066	0.150	0.187	0.802	0
ag_600	0.063	0.134	0.181	0.802	0
ag_601	0.063	0.141	0.181	0.779	0
ag_602	0.066	0.140	0.176	0.756	0
ag_603	0.061	0.140	0.176	0.756	0

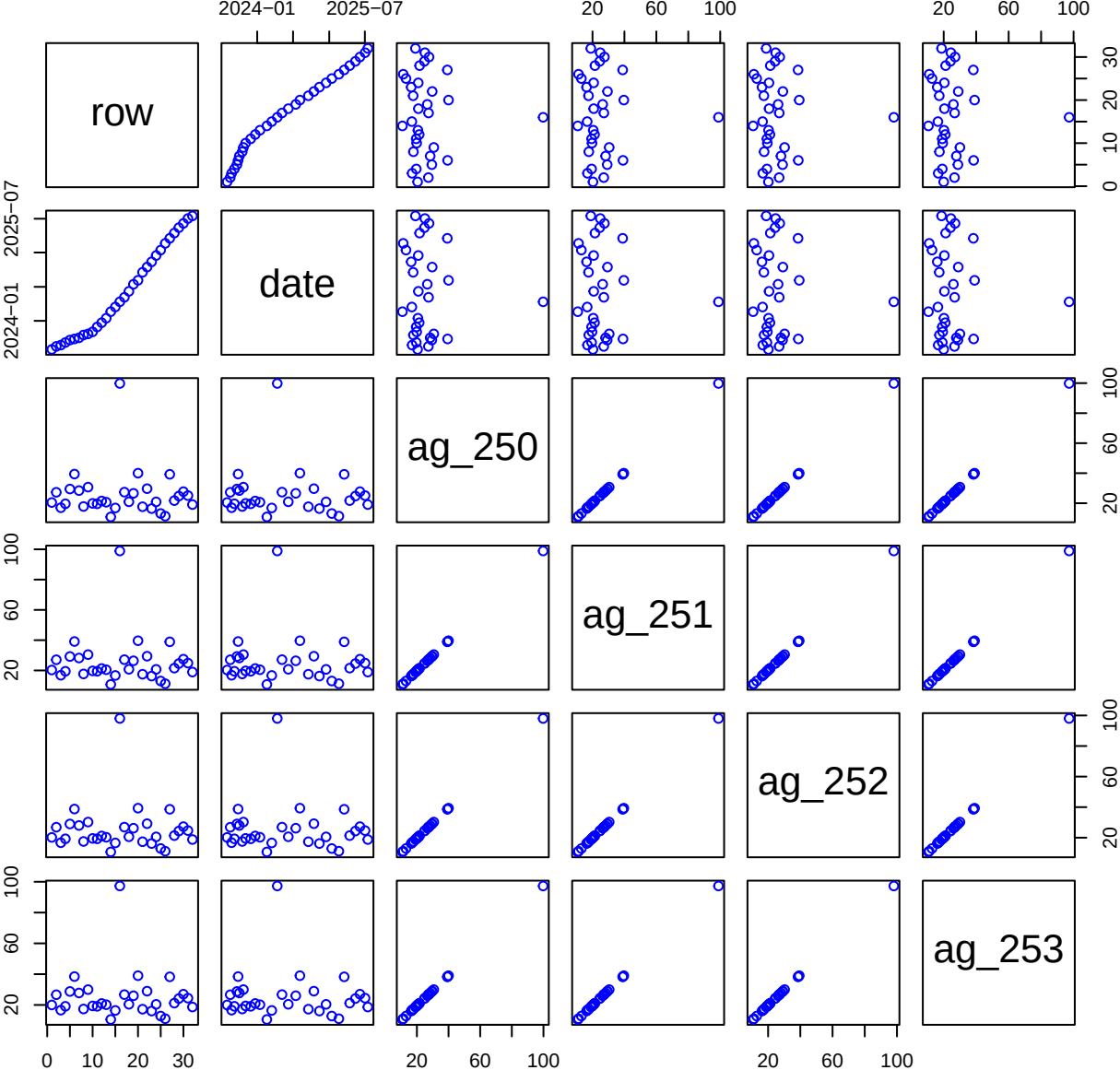
Variable	Min	Median	Mean	Max	NAs
ag_604	0.060	0.135	0.173	0.733	0
ag_605	0.076	0.135	0.175	0.733	0
ag_606	0.040	0.129	0.173	0.710	0
ag_607	0.064	0.128	0.174	0.687	0
ag_608	0.053	0.134	0.169	0.687	0
ag_609	0.053	0.119	0.166	0.687	0
ag_610	0.056	0.127	0.166	0.687	0
ag_611	0.053	0.119	0.161	0.687	0
ag_612	0.040	0.122	0.157	0.664	0
ag_613	0.030	0.112	0.154	0.664	0
ag_614	0.033	0.119	0.156	0.687	0
ag_615	0.033	0.115	0.153	0.664	0
ag_616	0.043	0.117	0.155	0.687	0
ag_617	0.040	0.114	0.150	0.641	0
ag_618	0.056	0.101	0.150	0.641	0
ag_619	0.053	0.109	0.150	0.618	0
ag_620	0.030	0.111	0.147	0.618	0
ag_621	0.040	0.109	0.148	0.595	0
ag_622	0.033	0.114	0.139	0.595	0
ag_623	0.033	0.116	0.144	0.595	0
ag_624	0.033	0.109	0.140	0.595	0
ag_625	0.037	0.105	0.136	0.595	0
ag_626	0.038	0.092	0.135	0.549	0
ag_627	0.040	0.089	0.135	0.572	0
ag_628	0.037	0.094	0.129	0.549	0
ag_629	0.015	0.085	0.121	0.526	0
ag_630	-0.010	0.088	0.120	0.526	0
ag_631	0.025	0.085	0.122	0.549	0
ag_632	0.025	0.091	0.123	0.526	0
ag_633	0.020	0.098	0.124	0.526	0
ag_634	0.014	0.085	0.122	0.523	0
ag_635	0.030	0.081	0.119	0.500	0
ag_636	0.033	0.084	0.118	0.480	0
ag_637	0.038	0.082	0.118	0.480	0
ag_638	0.040	0.092	0.119	0.480	0
ag_639	0.010	0.083	0.114	0.477	0
ag_640	0.017	0.082	0.112	0.480	0
ag_641	0.015	0.079	0.104	0.457	0
ag_642	0.010	0.082	0.102	0.434	0
ag_643	-0.003	0.081	0.109	0.457	0
ag_644	0.014	0.070	0.104	0.457	0
ag_645	-0.003	0.062	0.099	0.434	0
ag_646	-0.003	0.077	0.103	0.434	0
ag_647	0.017	0.082	0.104	0.434	0
ag_648	-0.006	0.074	0.105	0.434	0
ag_649	0.020	0.072	0.103	0.431	0
ag_650	0.015	0.069	0.101	0.454	0
ag_651	0.007	0.073	0.100	0.411	0
ag_652	0.037	0.075	0.103	0.431	0
ag_653	0.018	0.070	0.095	0.431	0
ag_654	0.010	0.071	0.096	0.431	0

Variable	Min	Median	Mean	Max	NAs
ag_655	0.030	0.071	0.097	0.431	0
ag_656	0.017	0.077	0.096	0.408	0
ag_657	0.007	0.058	0.085	0.408	0
ag_658	0.030	0.070	0.094	0.384	0
ag_659	-0.009	0.070	0.091	0.361	0
ag_660	-0.006	0.051	0.083	0.342	0
ag_661	-0.009	0.060	0.085	0.388	0
ag_662	0.007	0.063	0.087	0.408	0
ag_663	0.013	0.059	0.084	0.384	0
ag_664	0.002	0.053	0.078	0.408	0
ag_665	0.002	0.059	0.080	0.384	0
ag_666	-0.003	0.052	0.080	0.408	0
ag_667	0.014	0.052	0.081	0.384	0
ag_668	-0.002	0.054	0.078	0.384	0
ag_669	0.010	0.049	0.081	0.384	0
ag_670	0.007	0.059	0.081	0.384	0
ag_671	-0.008	0.055	0.075	0.408	0
ag_672	-0.008	0.059	0.075	0.384	0
ag_673	-0.009	0.059	0.080	0.384	0
ag_674	-0.009	0.058	0.081	0.408	0
ag_675	0.015	0.054	0.079	0.361	0
ag_676	-0.031	0.052	0.073	0.384	0
ag_677	-0.016	0.037	0.068	0.361	0
ag_678	-0.008	0.057	0.070	0.338	0
ag_679	-0.026	0.059	0.070	0.361	0
ag_680	0.002	0.059	0.073	0.361	0
ag_681	-0.010	0.043	0.069	0.361	0
ag_682	0.008	0.045	0.069	0.361	0
ag_683	-0.016	0.042	0.064	0.384	0
ag_684	-0.009	0.056	0.073	0.384	0
ag_685	-0.008	0.046	0.071	0.361	0
ag_686	-0.009	0.046	0.066	0.292	0
ag_687	0.012	0.049	0.069	0.315	0
ag_688	-0.015	0.055	0.068	0.338	0
ag_689	-0.016	0.055	0.069	0.338	0
ag_690	-0.016	0.040	0.062	0.338	0
ag_691	-0.002	0.053	0.070	0.338	0
ag_692	-0.003	0.049	0.066	0.338	0
ag_693	-0.016	0.050	0.066	0.315	0
ag_694	-0.016	0.055	0.063	0.269	0
ag_695	-0.002	0.052	0.067	0.292	0
ag_696	-0.025	0.039	0.055	0.292	0
ag_697	-0.016	0.037	0.057	0.315	0
ag_698	-0.010	0.048	0.057	0.315	0
ag_699	-0.033	0.047	0.057	0.315	0
ag_700	-0.003	0.049	0.062	0.361	0
ag_701	-0.016	0.046	0.063	0.361	0
ag_702	-0.032	0.047	0.053	0.315	0
ag_703	-0.003	0.035	0.056	0.292	0
ag_704	-0.022	0.042	0.058	0.315	0
ag_705	-0.016	0.047	0.062	0.315	0

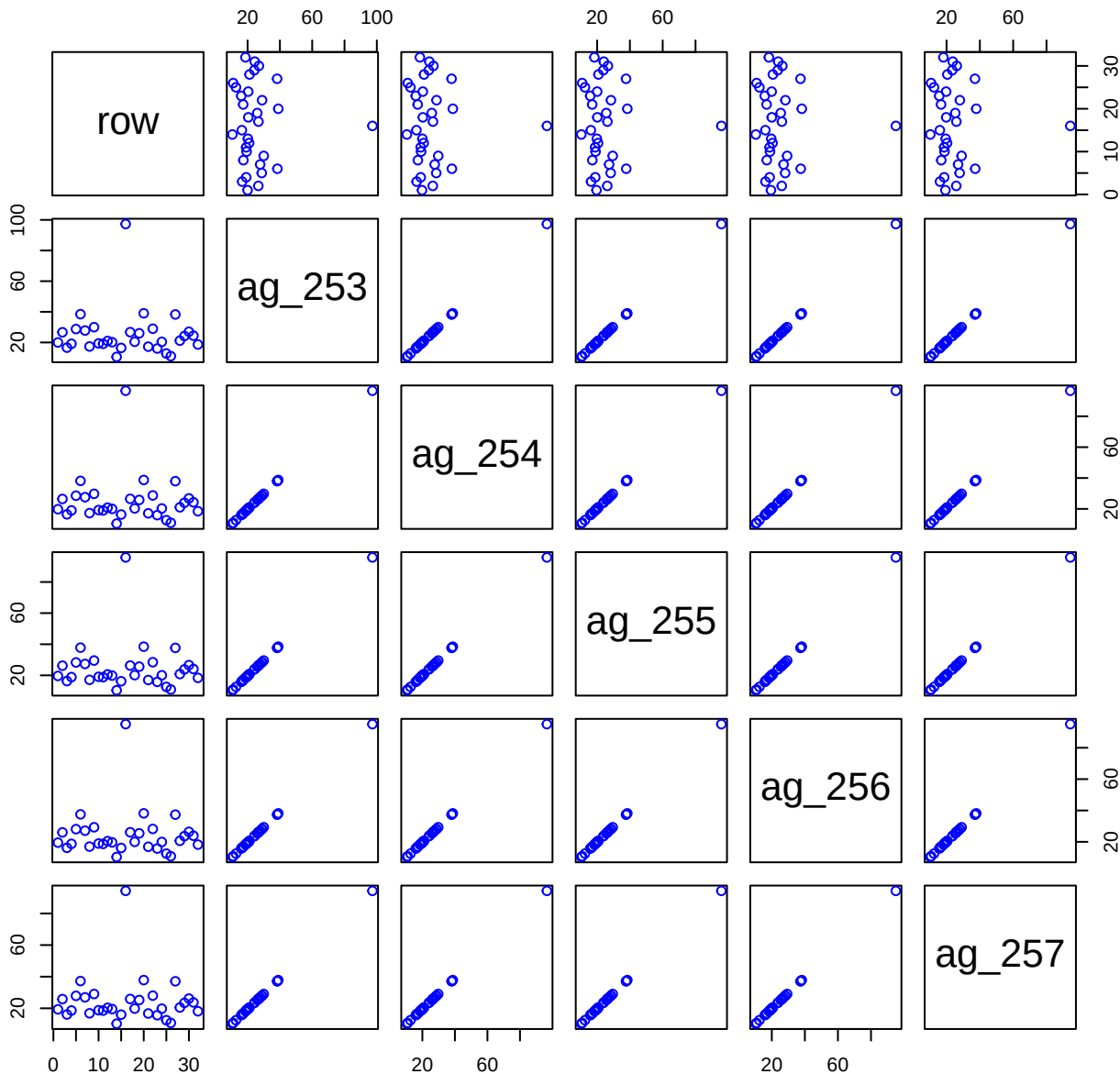
Variable	Min	Median	Mean	Max	NAs
ag_706	-0.013	0.040	0.058	0.315	0
ag_707	-0.036	0.048	0.053	0.292	0
ag_708	-0.024	0.054	0.059	0.292	0
ag_709	-0.009	0.051	0.058	0.292	0
ag_710	-0.029	0.030	0.047	0.338	0
ag_711	-0.026	0.030	0.049	0.315	0
ag_712	-0.047	0.036	0.053	0.315	0
ag_713	-0.052	0.030	0.052	0.384	0
ag_714	-0.085	0.027	0.041	0.292	0
ag_715	-0.026	0.033	0.045	0.315	0
ag_716	-0.032	0.019	0.038	0.338	0
ag_717	-0.016	0.019	0.038	0.292	0
ag_718	-0.039	0.035	0.040	0.292	0
ag_719	-0.055	0.032	0.041	0.338	0
ag_720	-0.059	0.035	0.043	0.338	0
ag_721	-0.039	0.044	0.046	0.269	0
ag_722	-0.052	0.020	0.040	0.315	0
ag_723	-0.054	0.032	0.042	0.269	0
ag_724	-0.062	0.031	0.031	0.200	0
ag_725	-0.062	0.032	0.038	0.269	0
ag_726	-0.055	0.042	0.045	0.315	0
ag_727	-0.054	0.031	0.037	0.292	0
ag_728	-0.055	0.016	0.039	0.344	0
ag_729	-0.082	0.030	0.051	0.413	0
ag_730	-0.082	0.027	0.041	0.413	0
ag_731	-0.062	0.026	0.040	0.390	0
ag_732	-0.062	0.028	0.050	0.505	0
ag_733	-0.085	0.020	0.043	0.436	0
ag_734	-0.085	0.019	0.036	0.413	0
ag_735	-0.089	0.025	0.037	0.390	0
ag_736	-0.059	0.011	0.035	0.344	0
ag_737	-0.084	0.016	0.031	0.367	0
ag_738	-0.062	0.011	0.024	0.436	0
ag_739	-0.128	0.015	0.033	0.390	0
ag_740	-0.085	0.034	0.042	0.367	0
ag_741	-0.128	0.015	0.037	0.413	0
ag_742	-0.101	0.034	0.036	0.367	0
ag_743	-0.101	0.022	0.039	0.436	0
ag_744	-0.105	0.030	0.049	0.436	0
ag_745	-0.101	0.008	0.022	0.390	0
ag_746	-0.062	0.019	0.026	0.321	0
ag_747	-0.105	0.010	0.033	0.413	0
ag_748	-0.098	0.008	0.028	0.390	0
ag_749	-0.098	0.009	0.033	0.459	0
ag_750	-0.078	0.013	0.034	0.321	0
ag_751	-0.059	0.029	0.040	0.367	0
ag_752	-0.085	0.028	0.032	0.275	0
ag_753	-0.098	0.034	0.042	0.298	0
ag_754	-0.082	0.001	0.028	0.367	0
ag_755	-0.084	0.031	0.041	0.390	0
ag_756	-0.055	0.029	0.043	0.436	0

Variable	Min	Median	Mean	Max	NAS
ag_757	-0.101	0.018	0.034	0.390	0
ag_758	-0.059	0.010	0.027	0.390	0
ag_759	-0.079	0.015	0.034	0.269	0
ag_760	-0.174	0.027	0.029	0.344	0
ag_761	-0.082	0.007	0.031	0.413	0
ag_762	-0.147	0.019	0.028	0.367	0
ag_763	-0.039	0.016	0.034	0.344	0
ag_764	-0.102	0.004	0.028	0.367	0
ag_765	-0.079	0.018	0.041	0.413	0
ag_766	-0.128	0.030	0.038	0.367	0
ag_767	-0.055	0.028	0.046	0.367	0
ag_768	-0.098	0.009	0.030	0.390	0
ag_769	-0.147	0.033	0.038	0.390	0
ag_770	-0.079	0.004	0.025	0.298	0
ag_771	-0.059	0.013	0.038	0.344	0
ag_772	-0.078	0.021	0.038	0.344	0
ag_773	-0.056	0.015	0.025	0.367	0
ag_774	-0.062	0.017	0.042	0.367	0
ag_775	-0.039	0.016	0.047	0.367	0
ag_776	-0.066	0.035	0.047	0.298	0
ag_777	-0.101	0.031	0.039	0.390	0
ag_778	-0.078	0.022	0.037	0.321	0
ag_779	-0.059	0.030	0.041	0.436	0
ag_780	-0.101	0.004	0.014	0.321	0
ag_781	-0.054	0.025	0.040	0.367	0
ag_782	-0.094	0.010	0.025	0.367	0
ag_783	-0.114	0.016	0.028	0.275	0
ag_784	-0.101	0.018	0.042	0.390	0
ag_785	-0.085	0.041	0.039	0.344	0
ag_786	-0.147	0.013	0.037	0.390	0
ag_787	-0.102	0.023	0.033	0.344	0
ag_788	-0.078	0.014	0.039	0.436	0
ag_789	-0.091	0.025	0.027	0.252	0
ag_790	-0.082	0.037	0.045	0.344	0
ag_791	-0.079	0.025	0.036	0.390	0
ag_792	-0.078	0.025	0.039	0.390	0
ag_793	-0.129	0.016	0.020	0.367	0
ag_794	-0.125	0.008	0.022	0.344	0
ag_795	-0.079	0.023	0.035	0.367	0
ag_796	-0.065	0.035	0.050	0.390	0
ag_797	-0.062	0.013	0.038	0.390	0
ag_798	-0.077	0.027	0.048	0.505	0
ag_799	-0.079	0.030	0.033	0.206	0
ag_800	-0.125	0.019	0.037	0.275	0

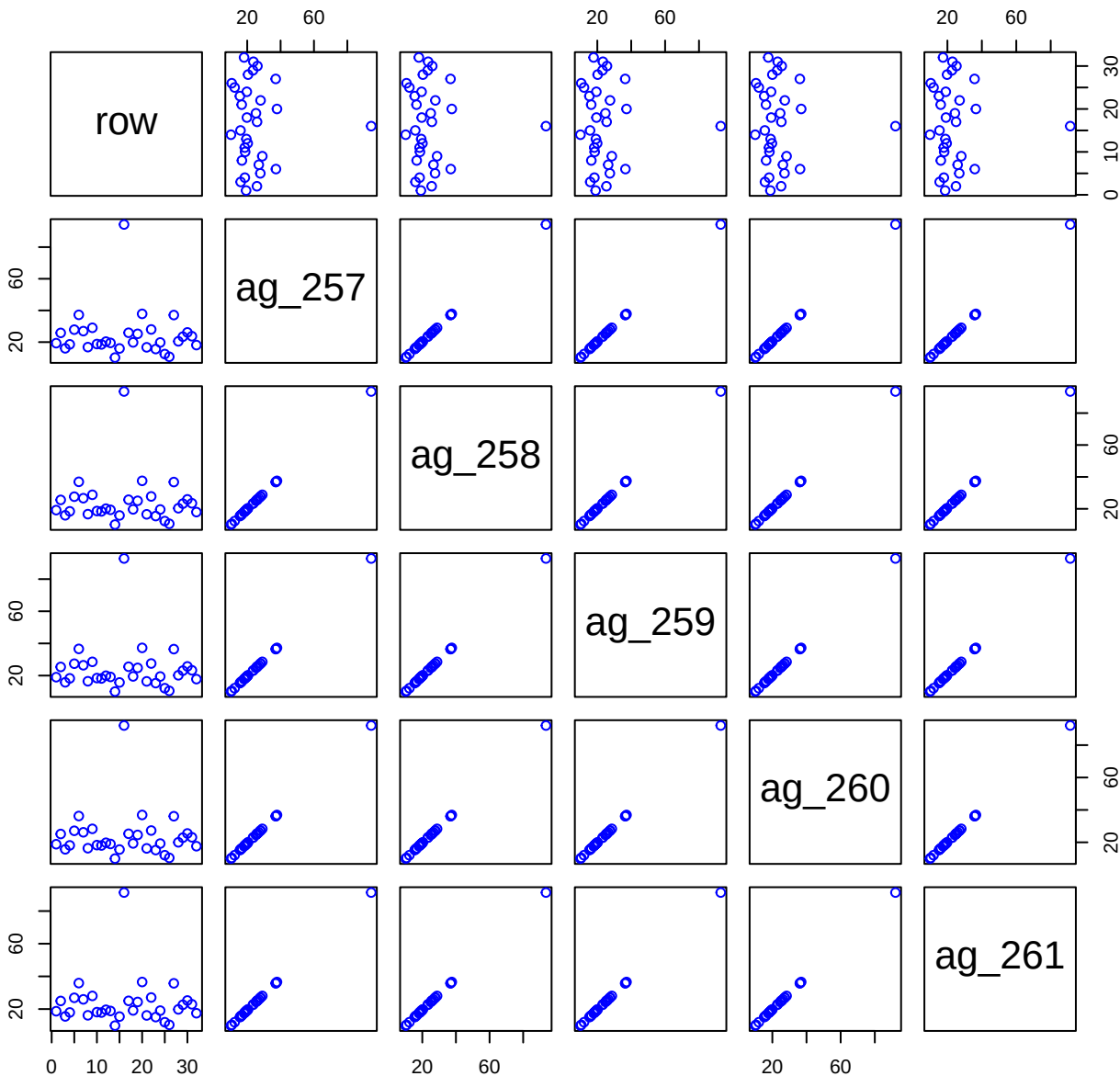
HF459-12 Plot 1



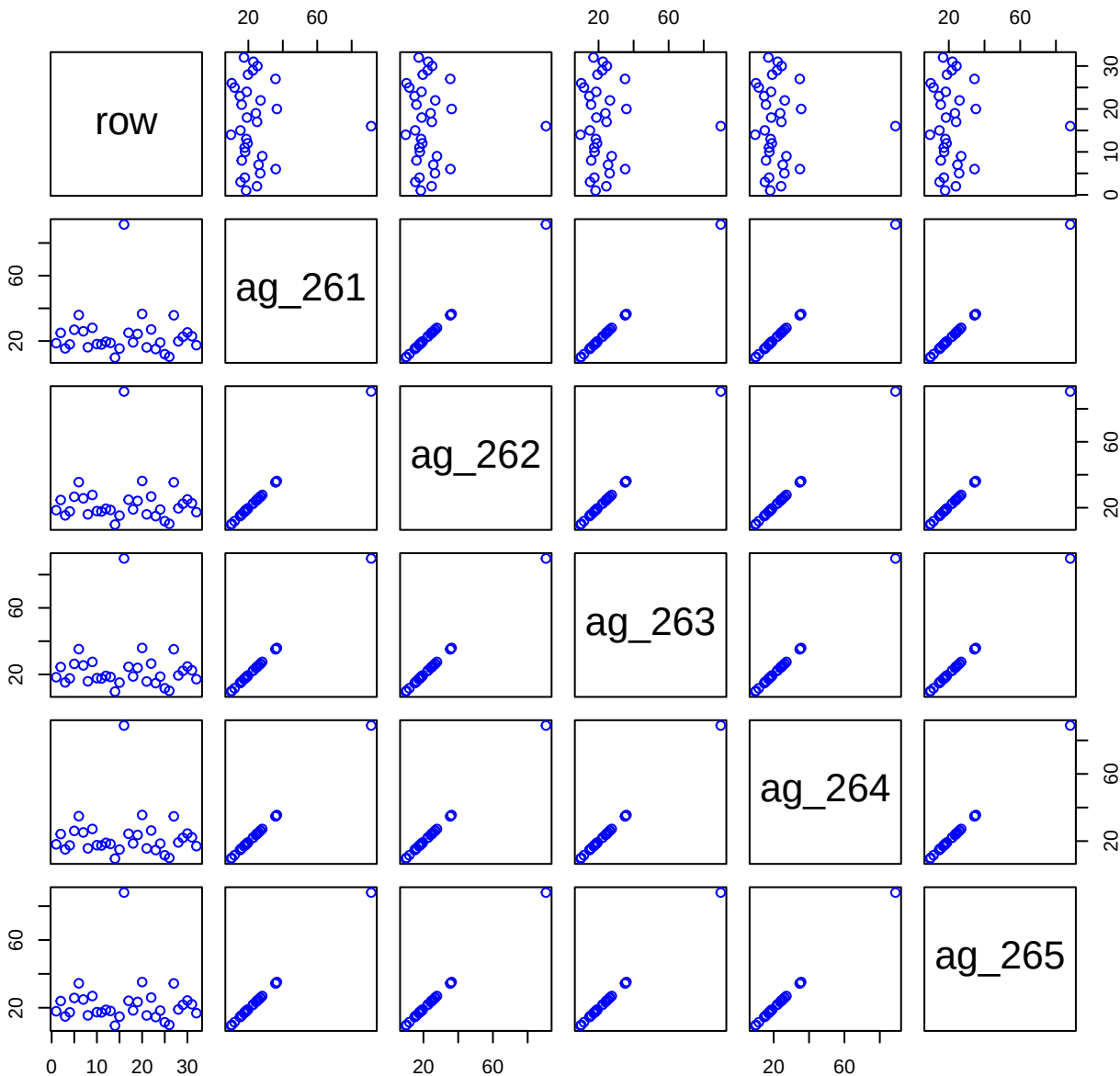
HF459-12 Plot 2



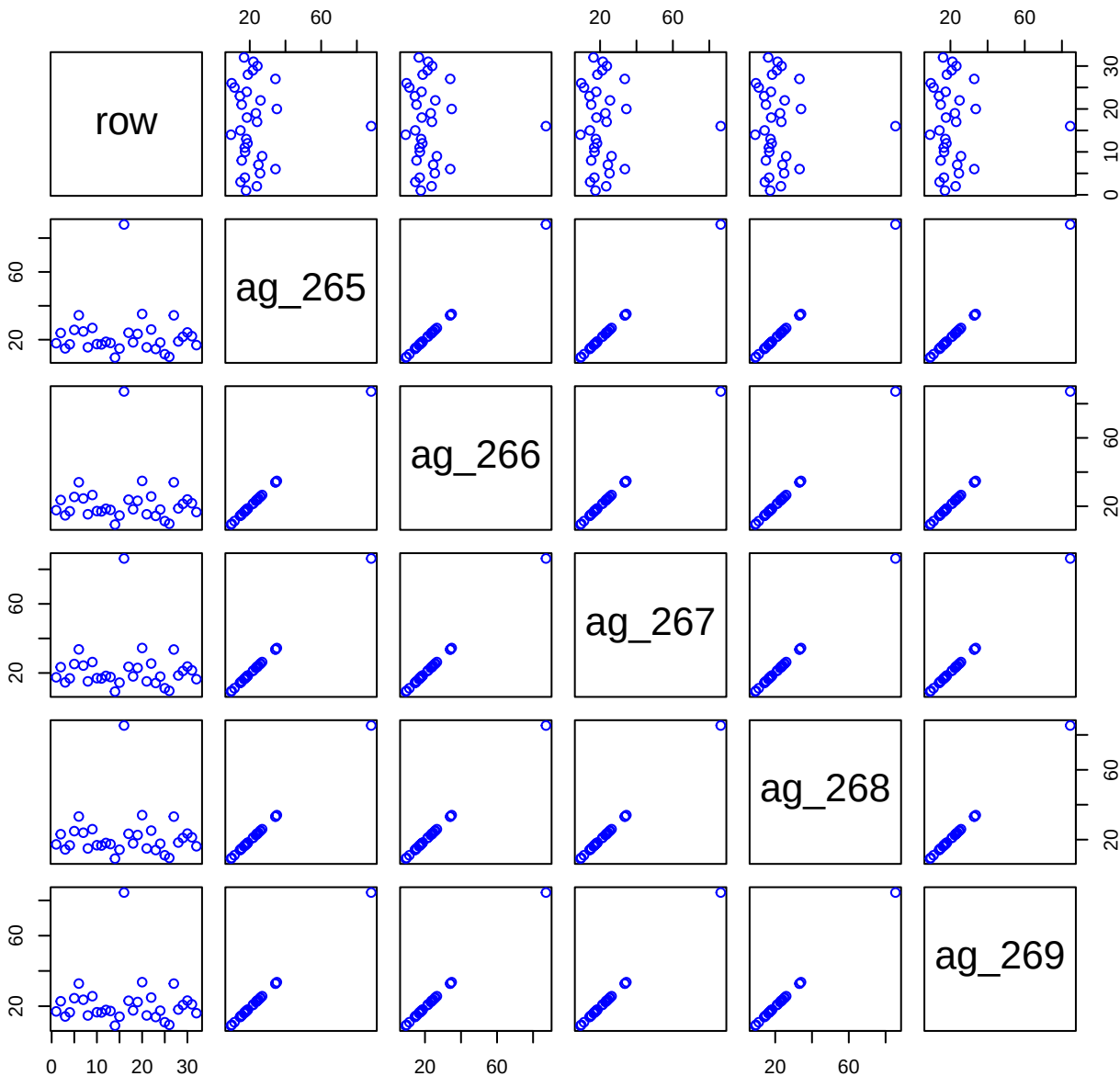
HF459-12 Plot 3



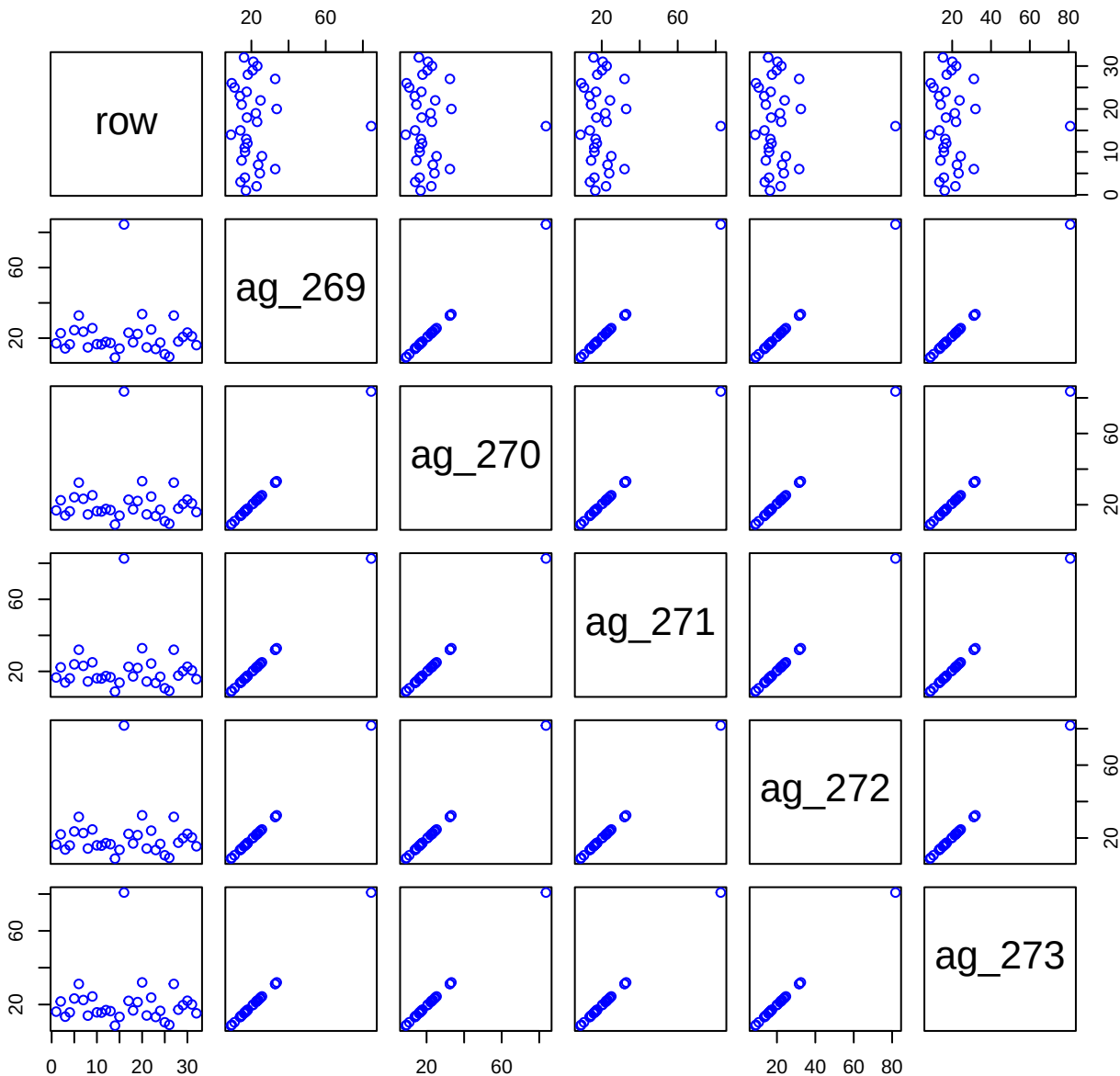
HF459-12 Plot 4



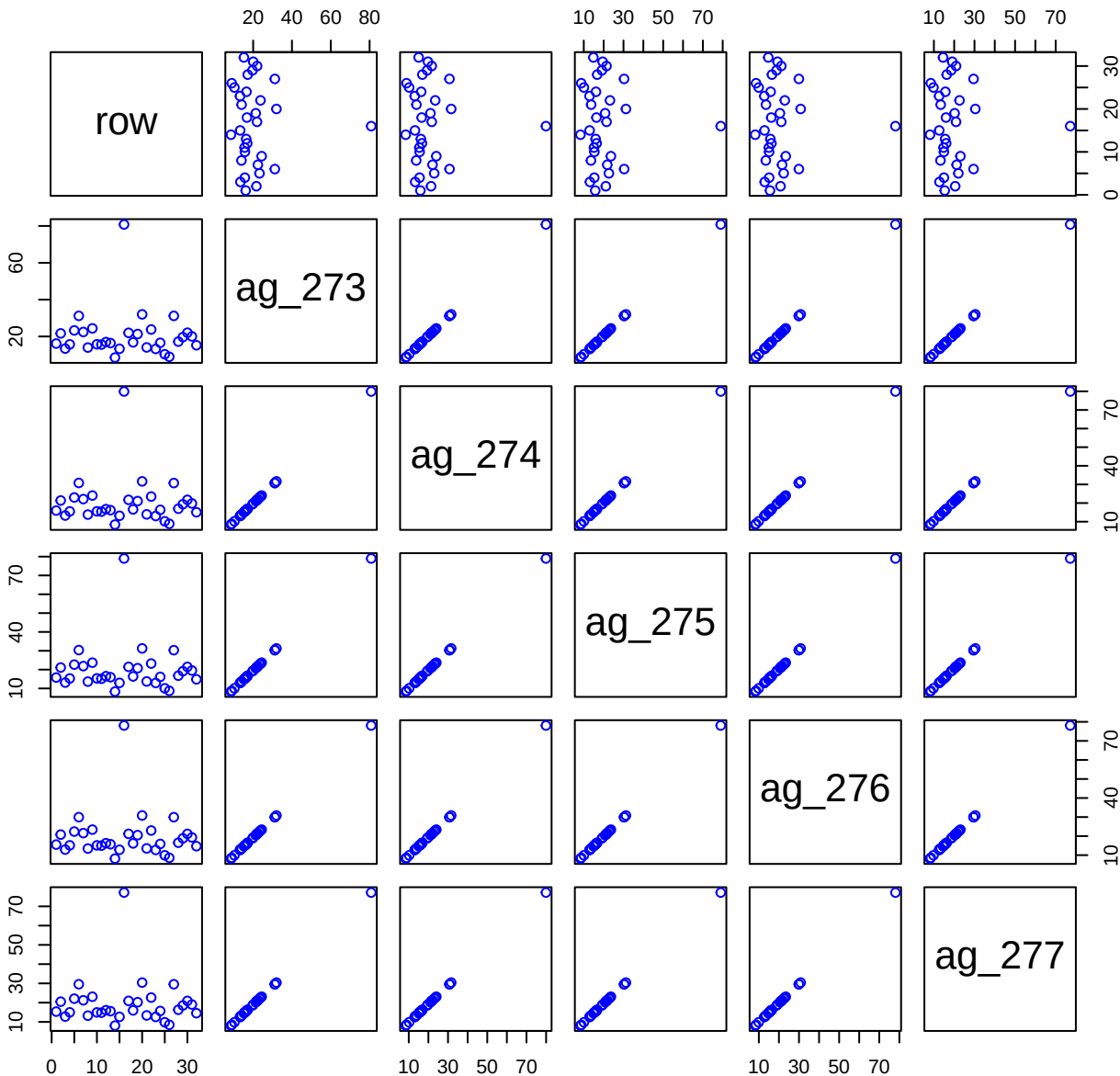
HF459-12 Plot 5



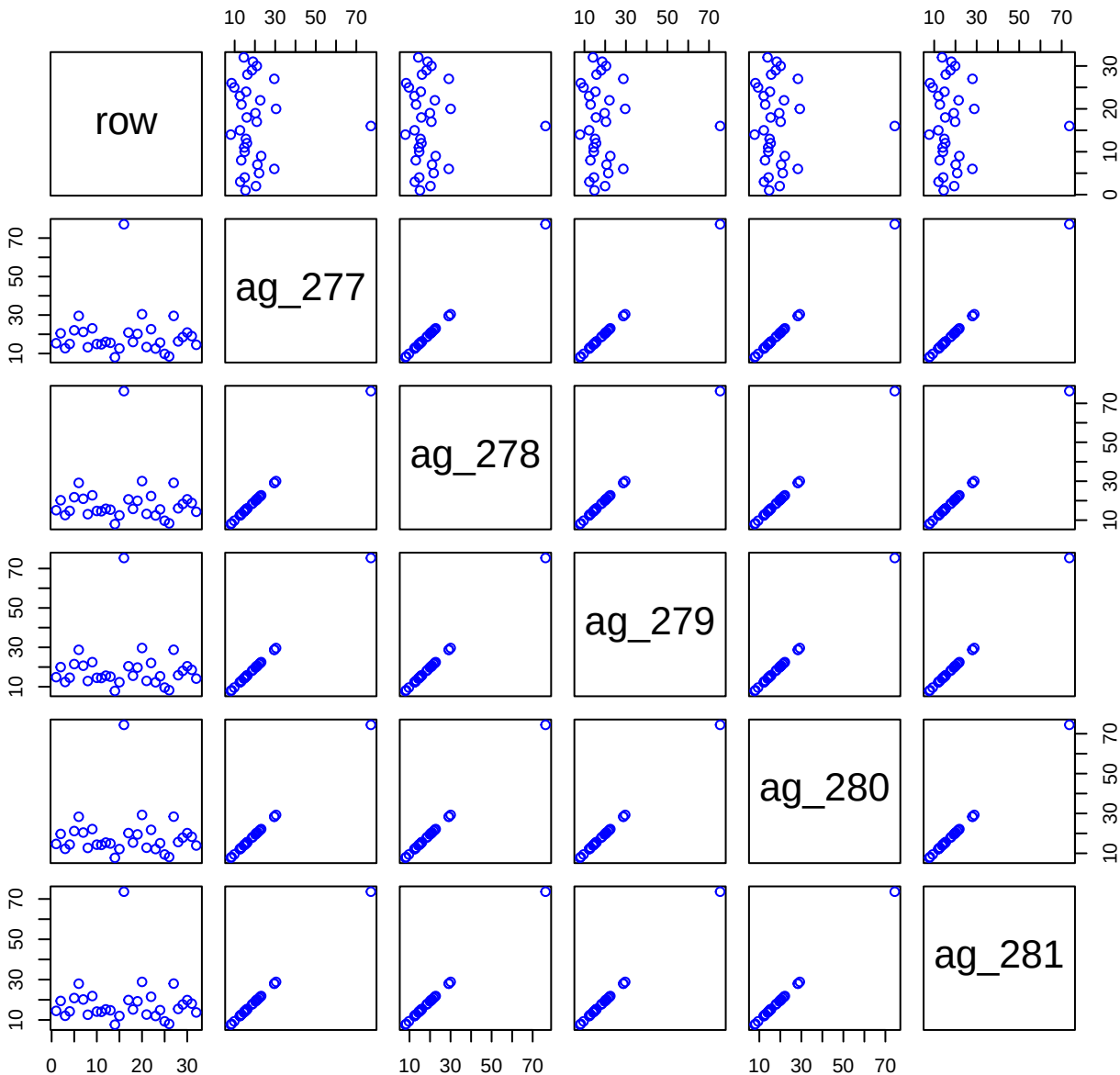
HF459-12 Plot 6



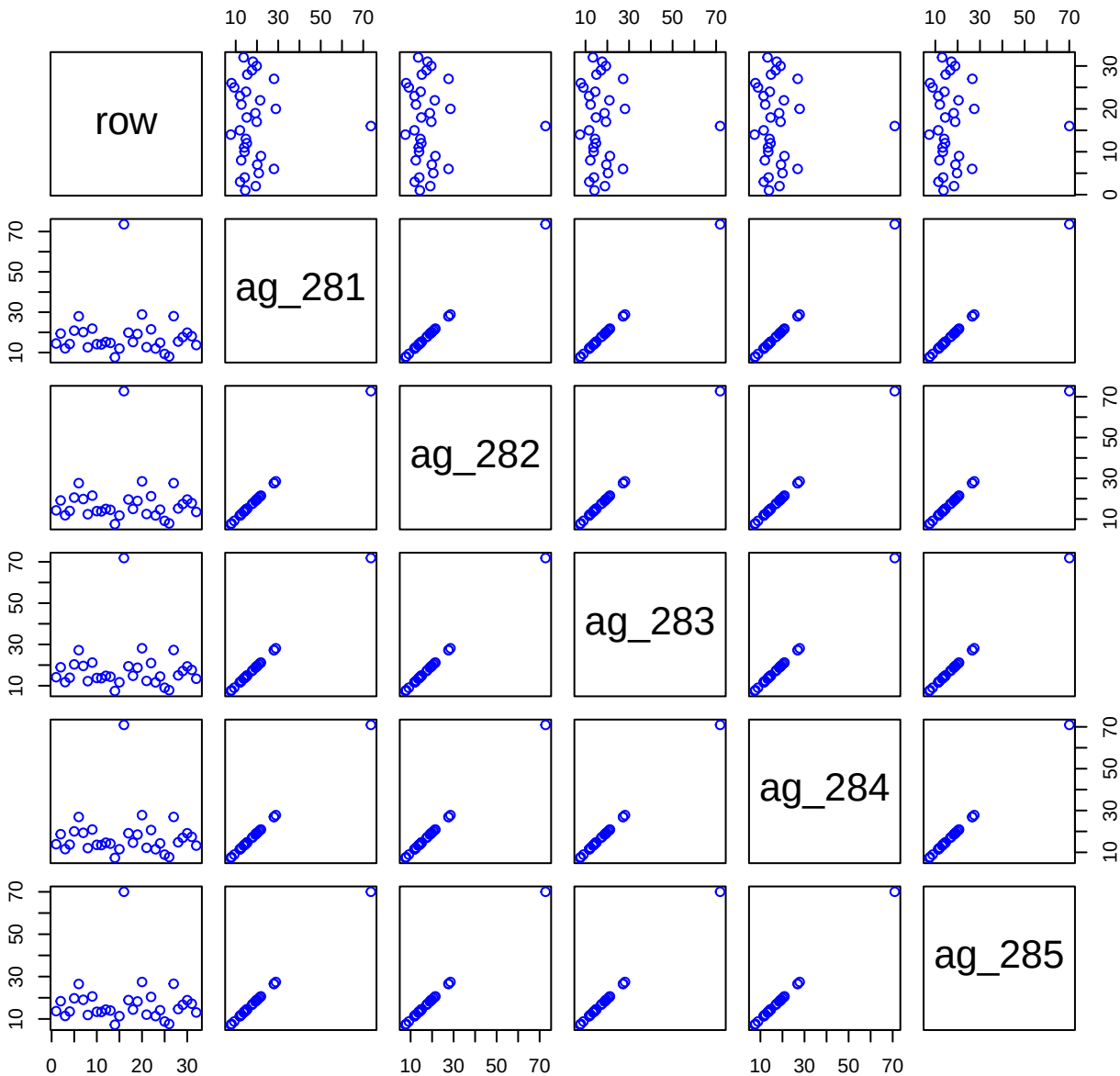
HF459-12 Plot 7



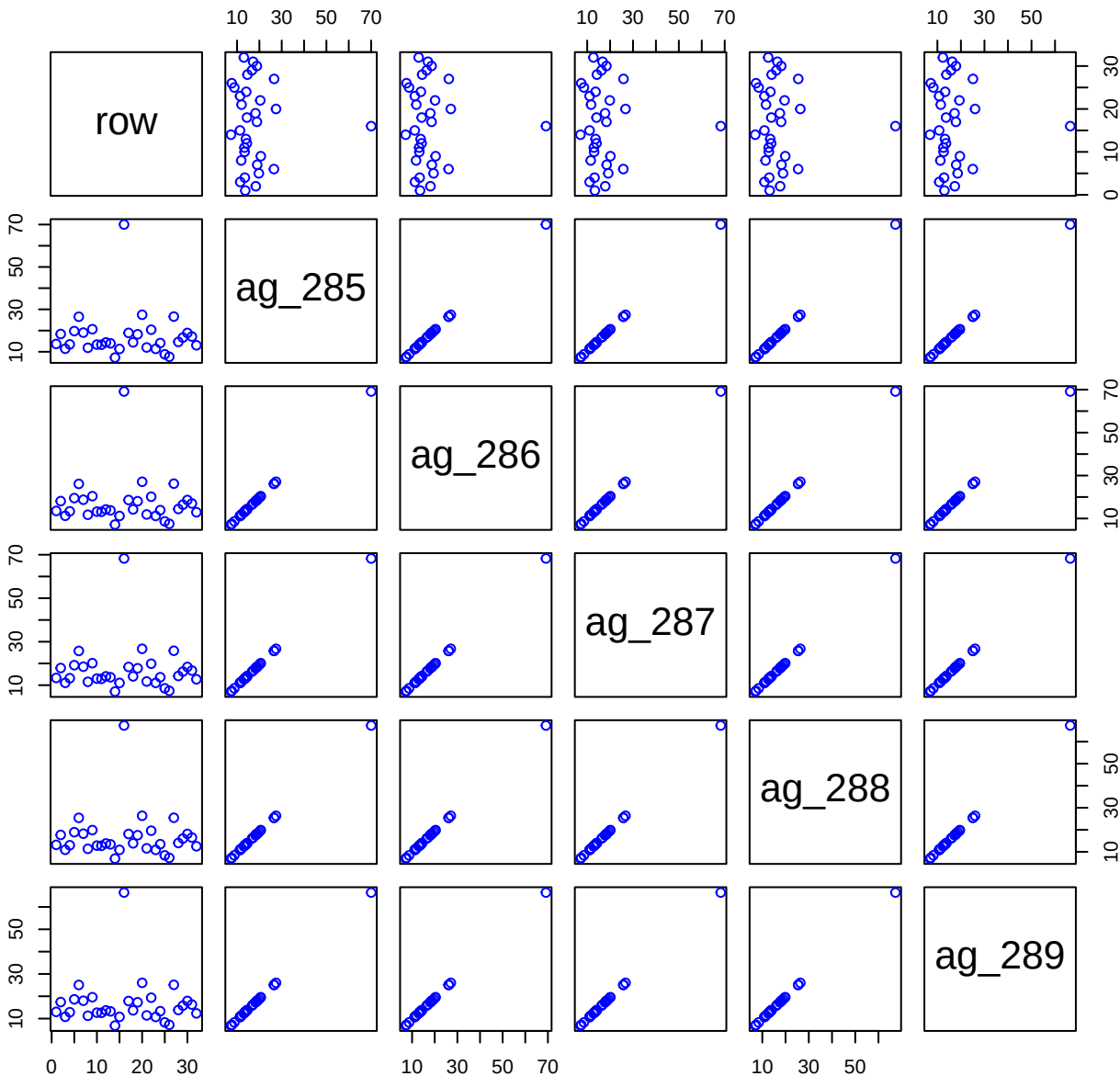
HF459-12 Plot 8



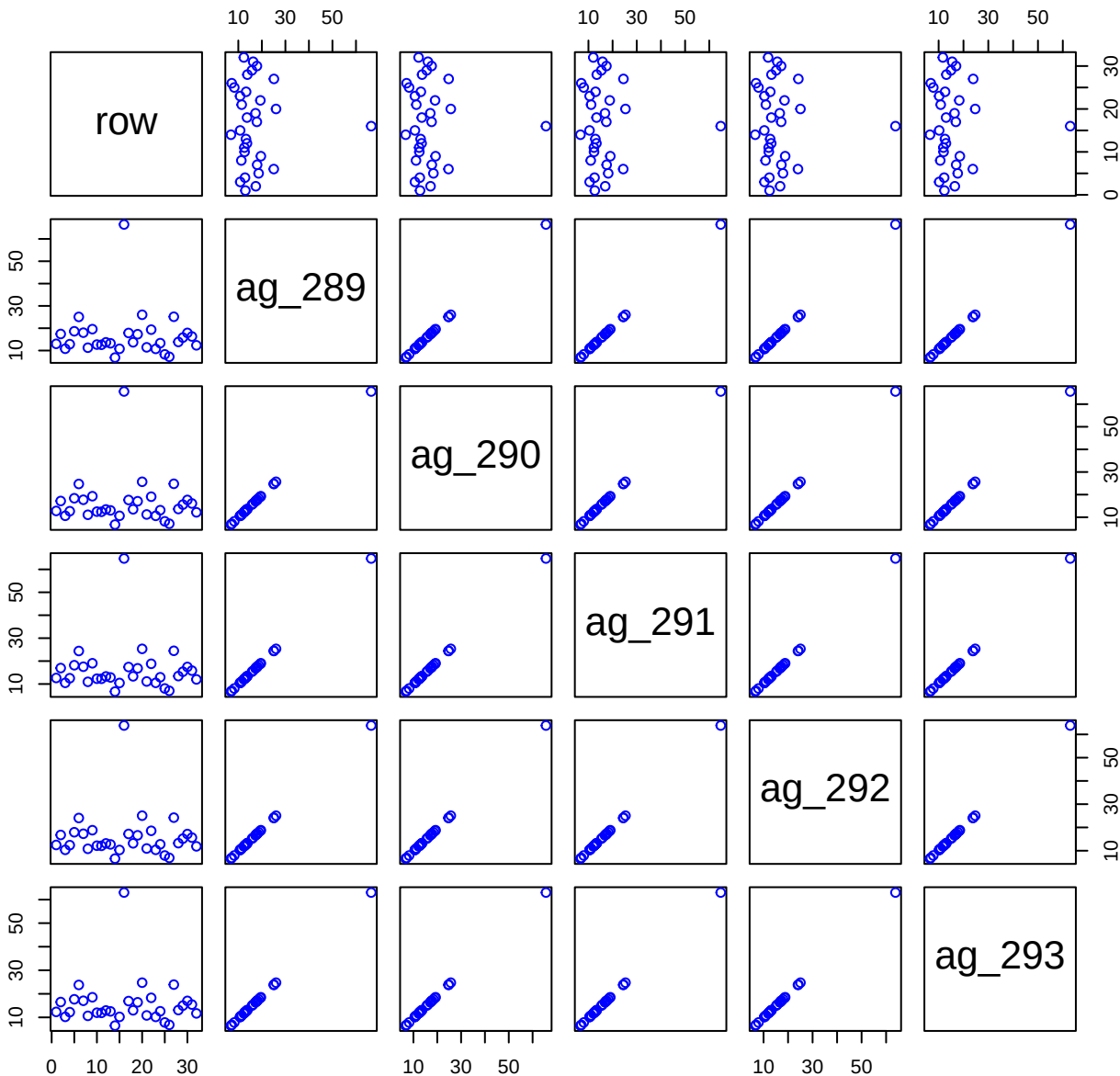
HF459-12 Plot 9



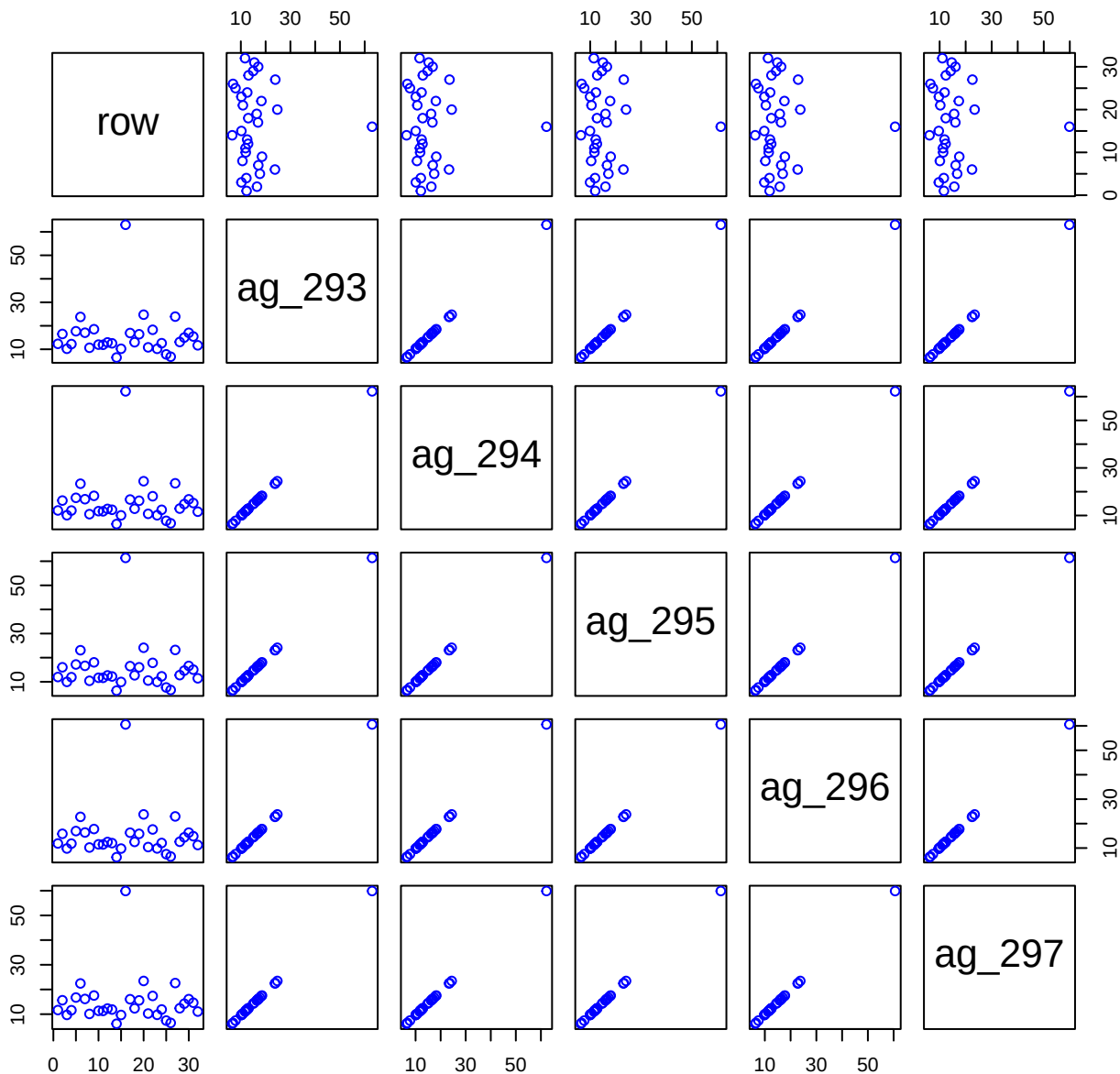
HF459-12 Plot 10



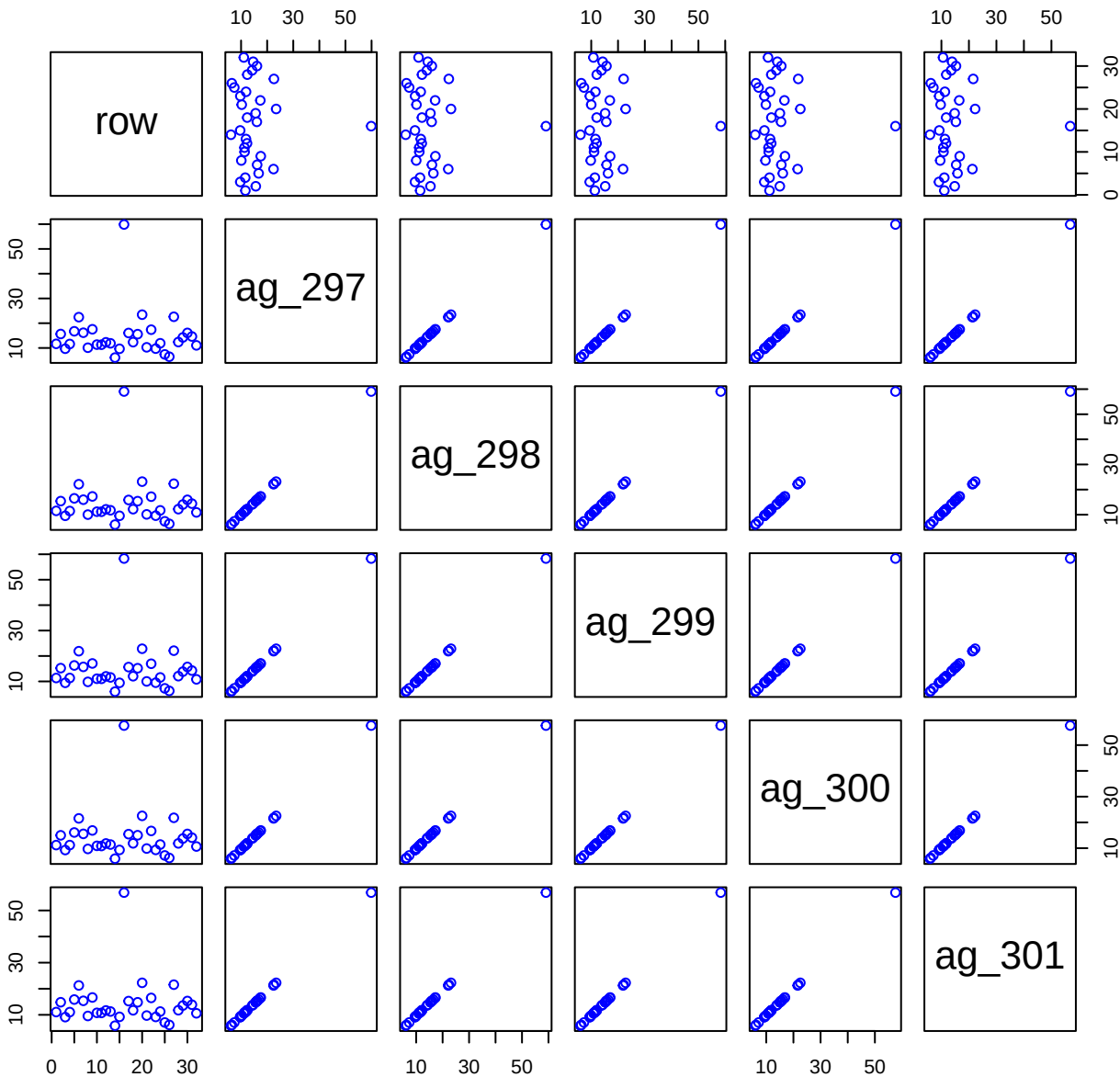
HF459-12 Plot 11



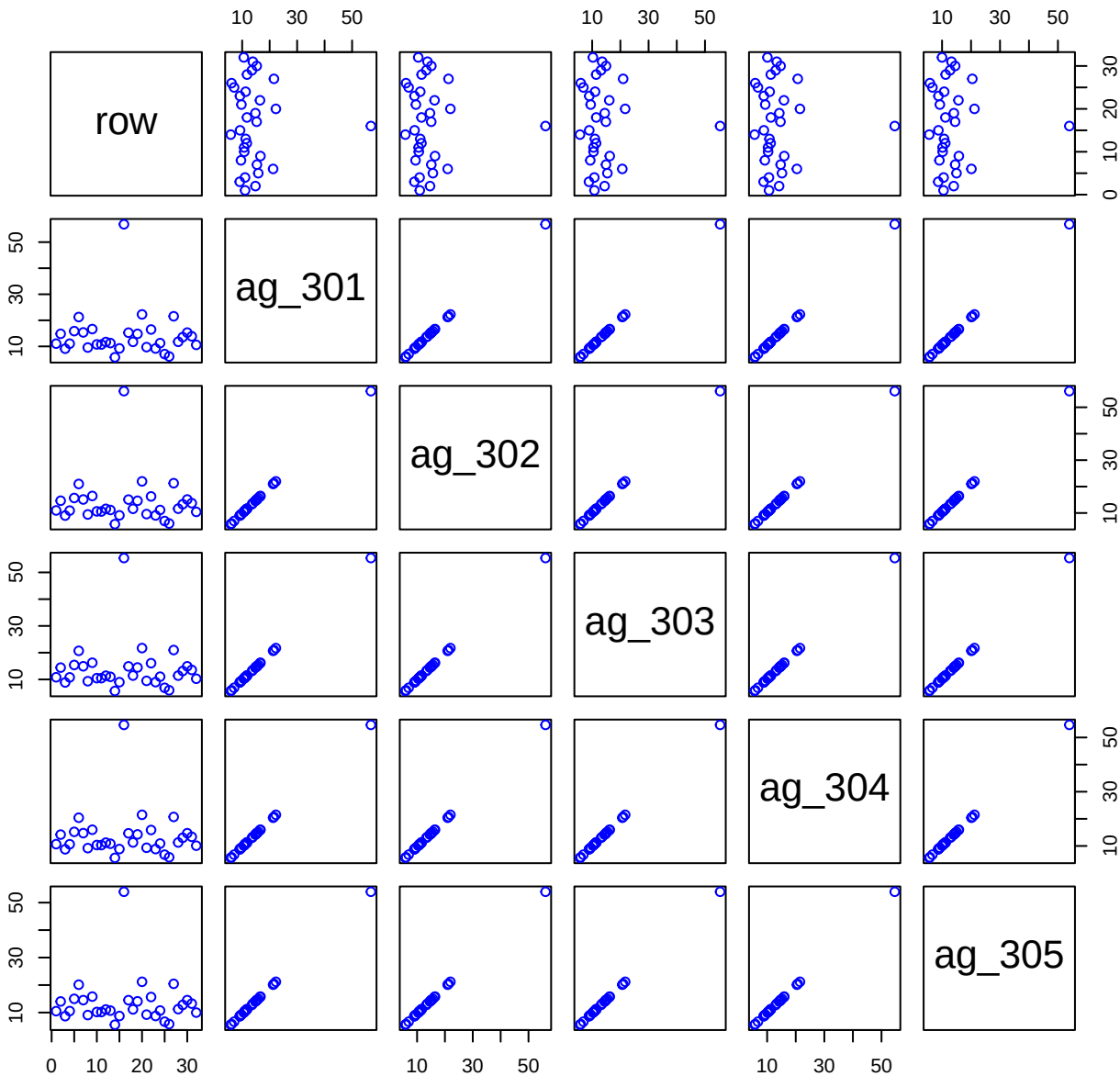
HF459-12 Plot 12



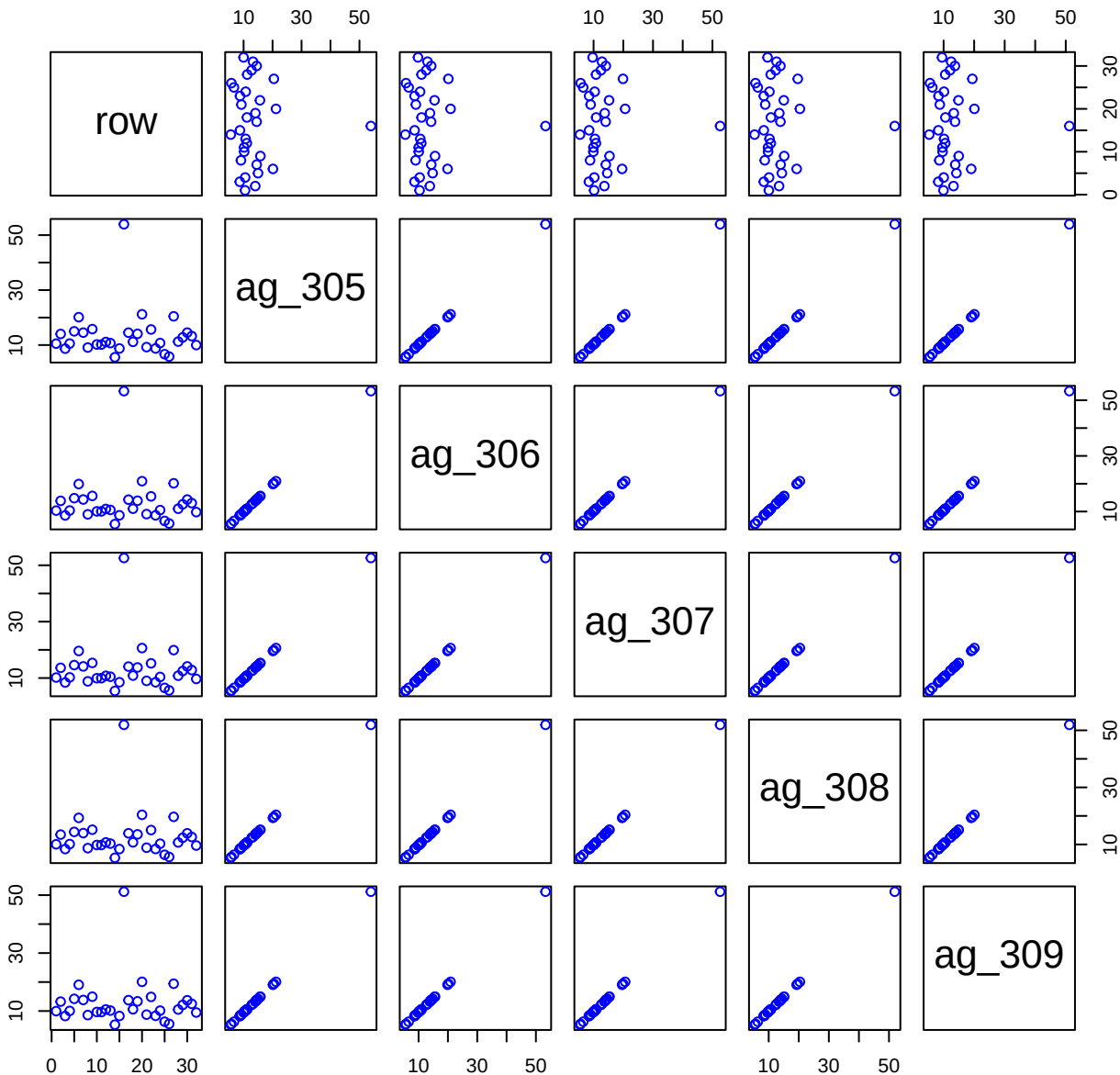
HF459-12 Plot 13



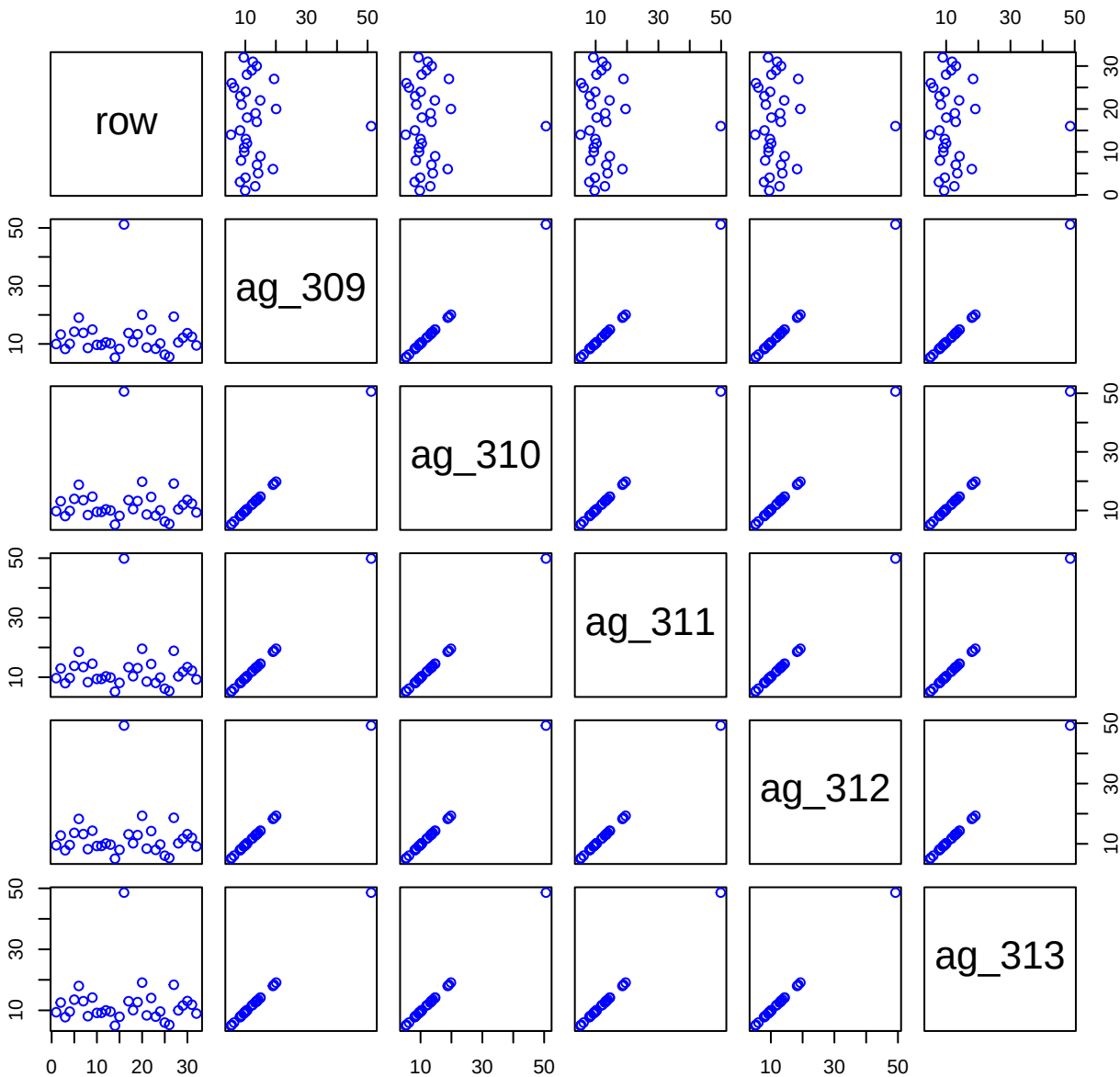
HF459-12 Plot 14



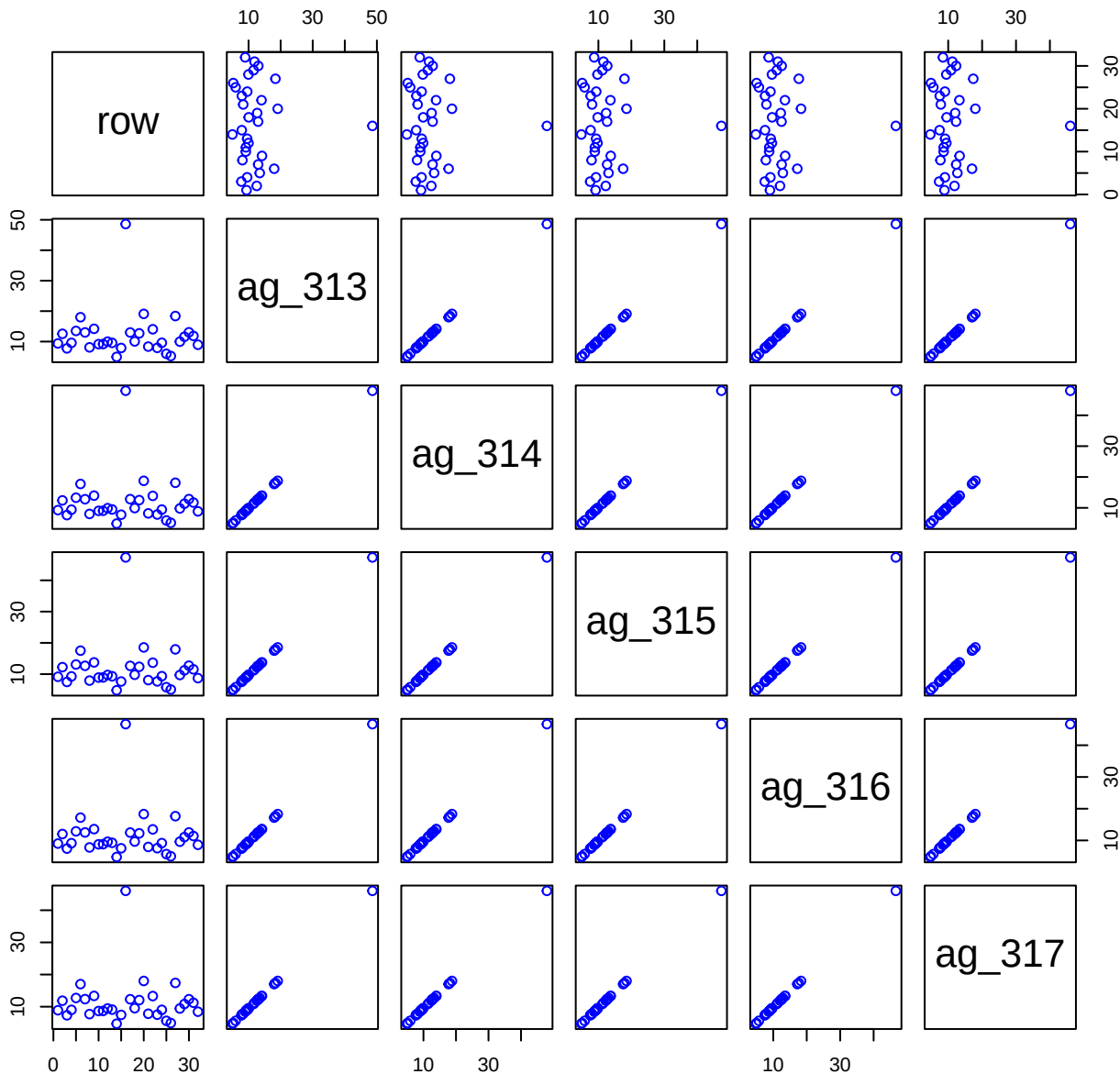
HF459-12 Plot 15



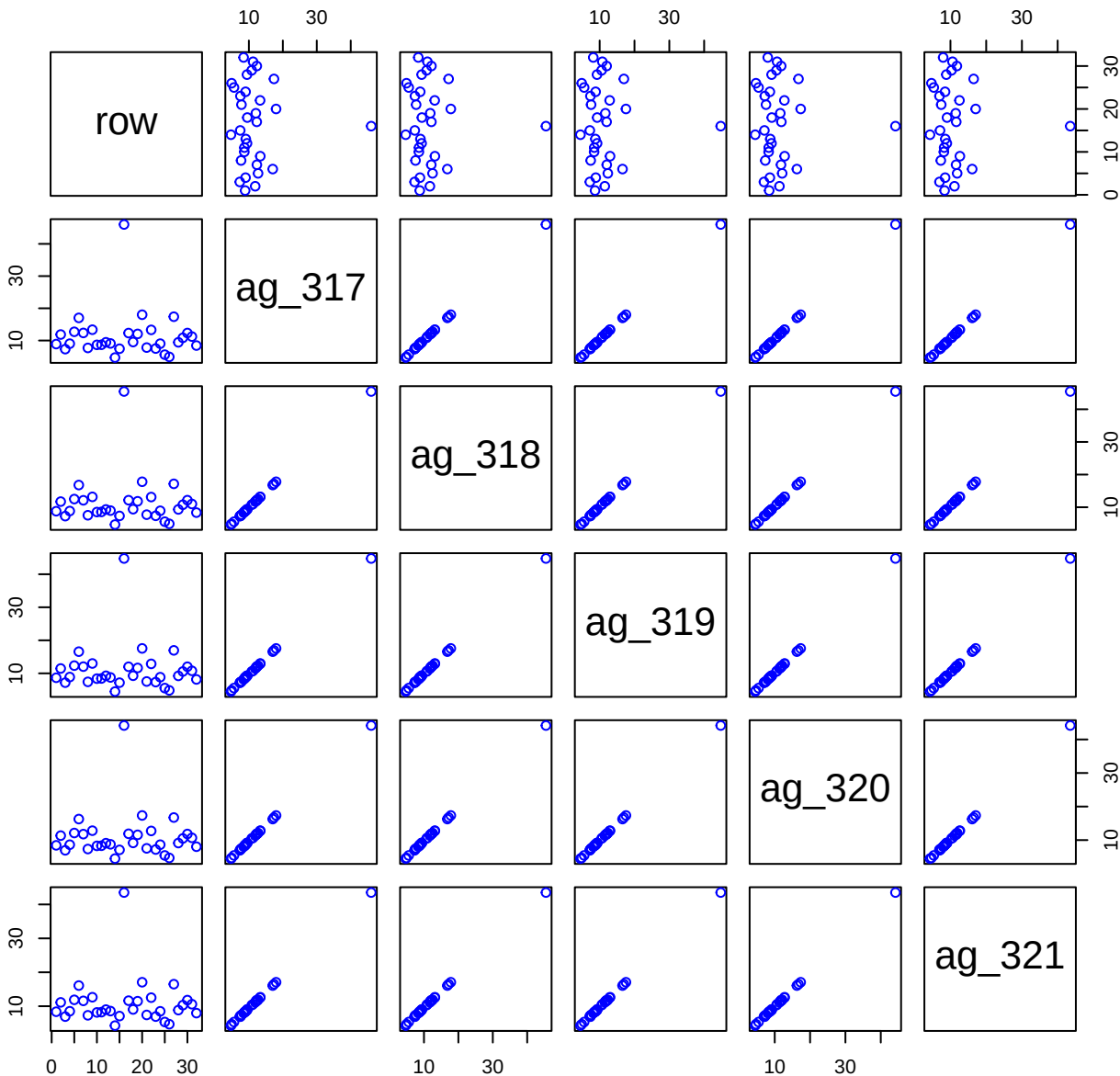
HF459-12 Plot 16



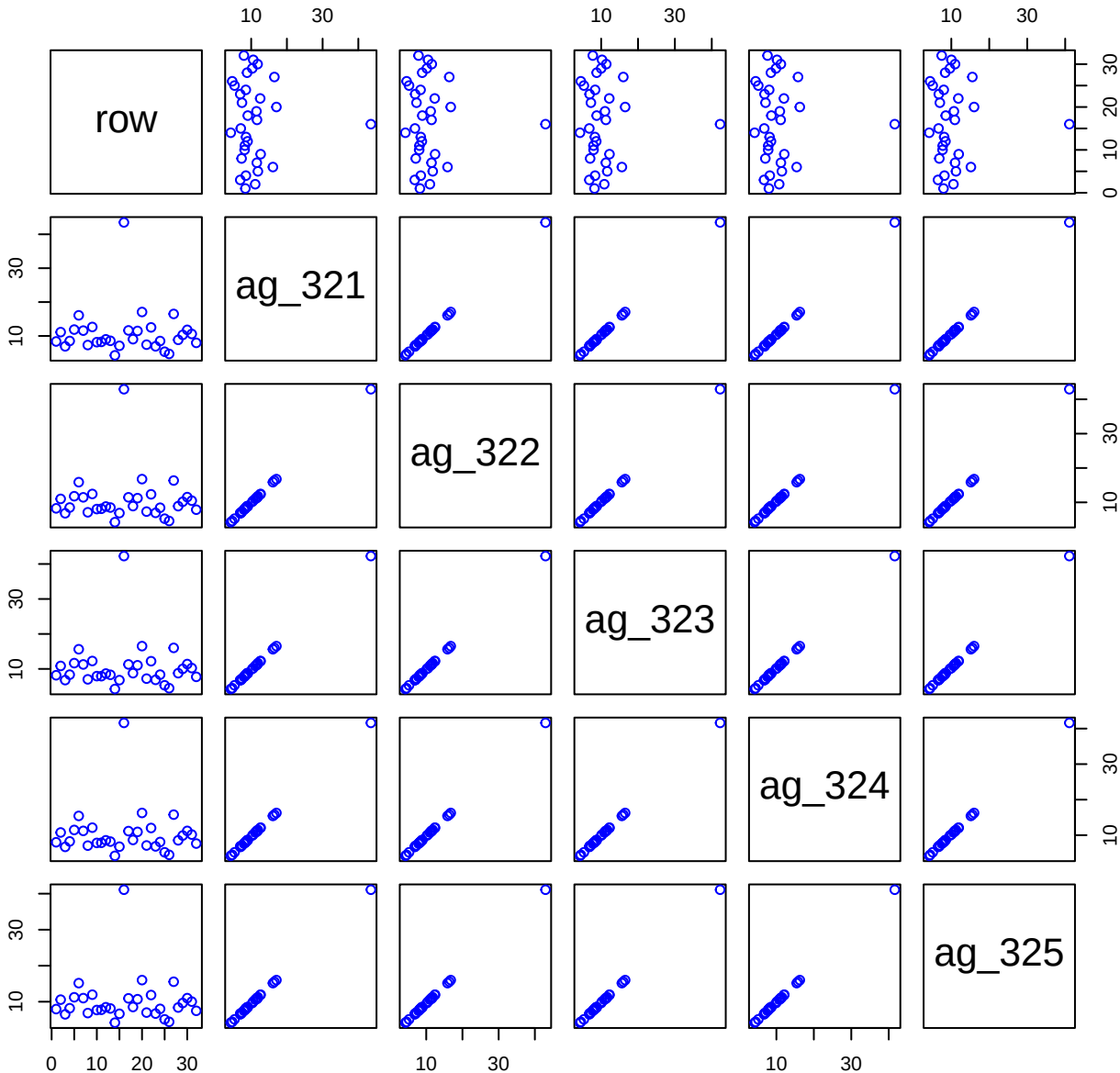
HF459-12 Plot 17



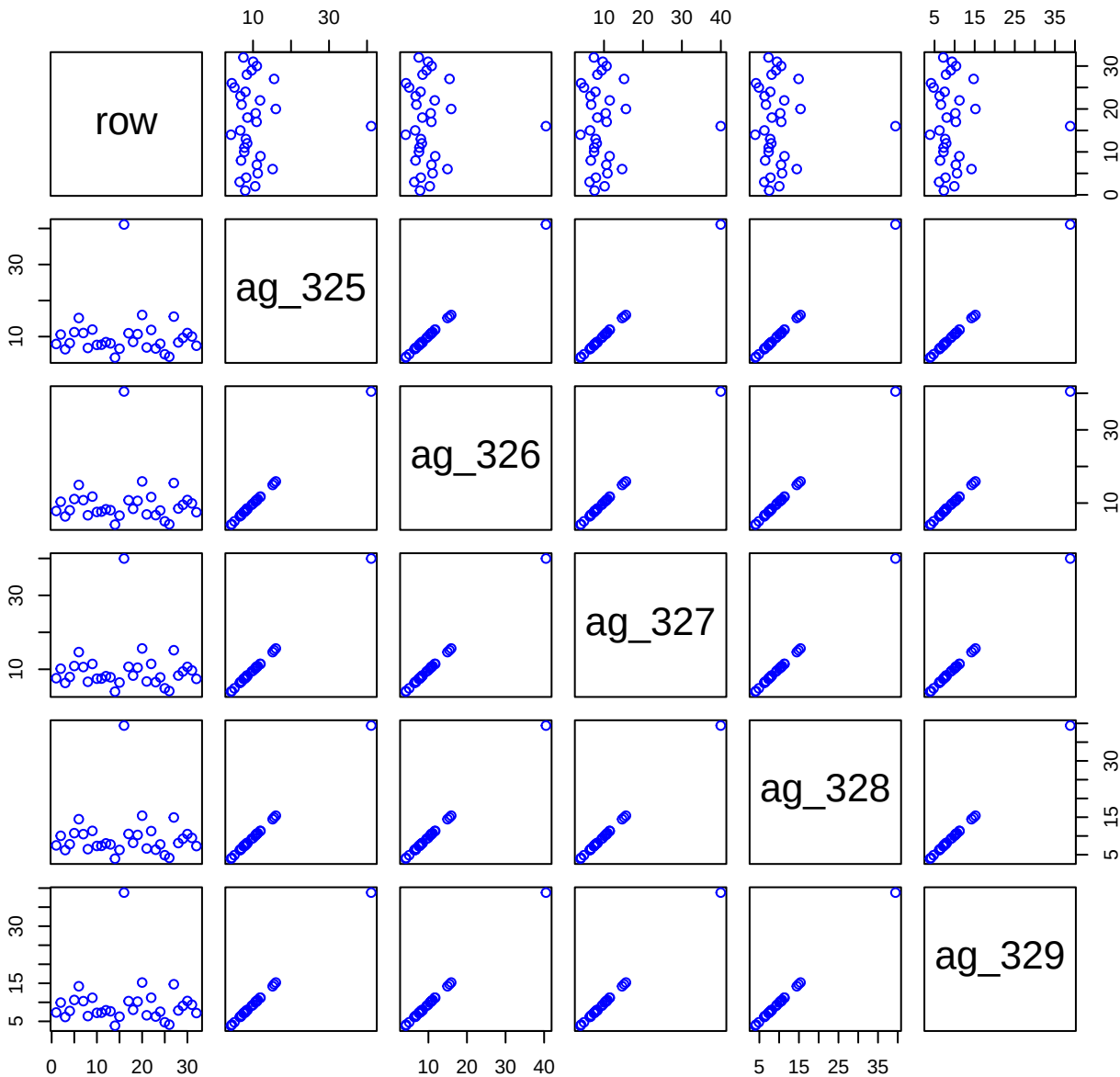
HF459-12 Plot 18



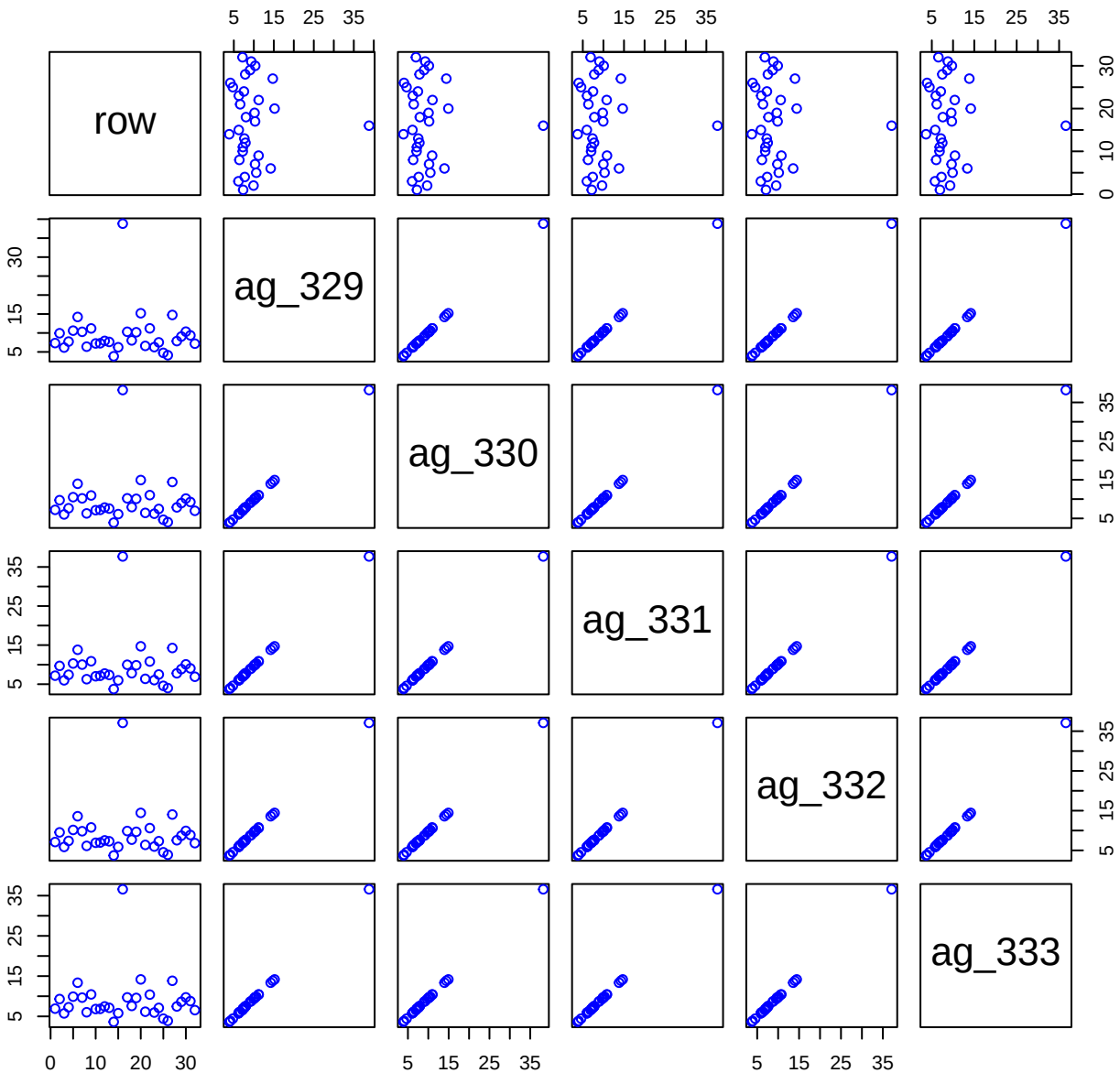
HF459-12 Plot 19



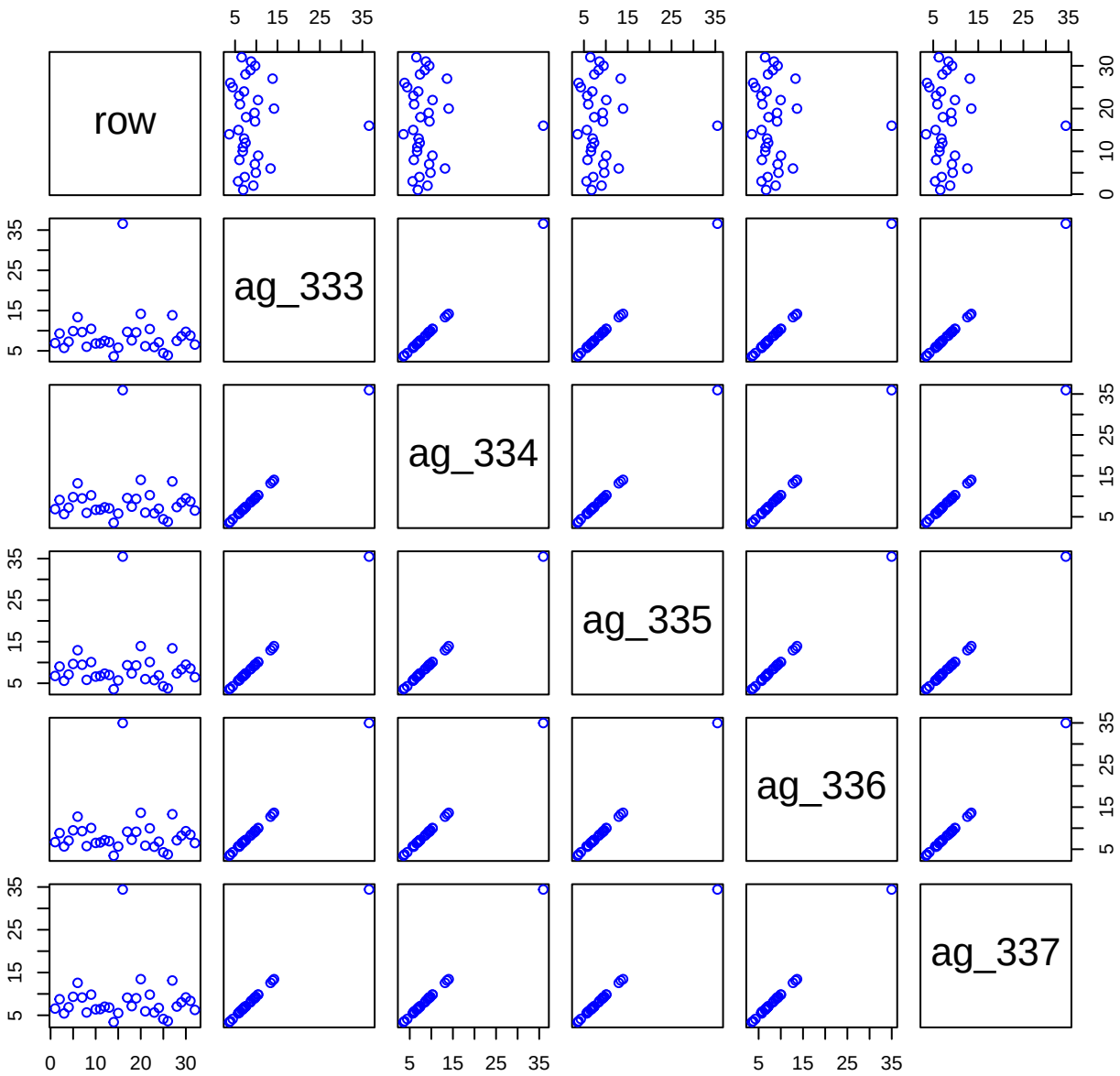
HF459-12 Plot 20



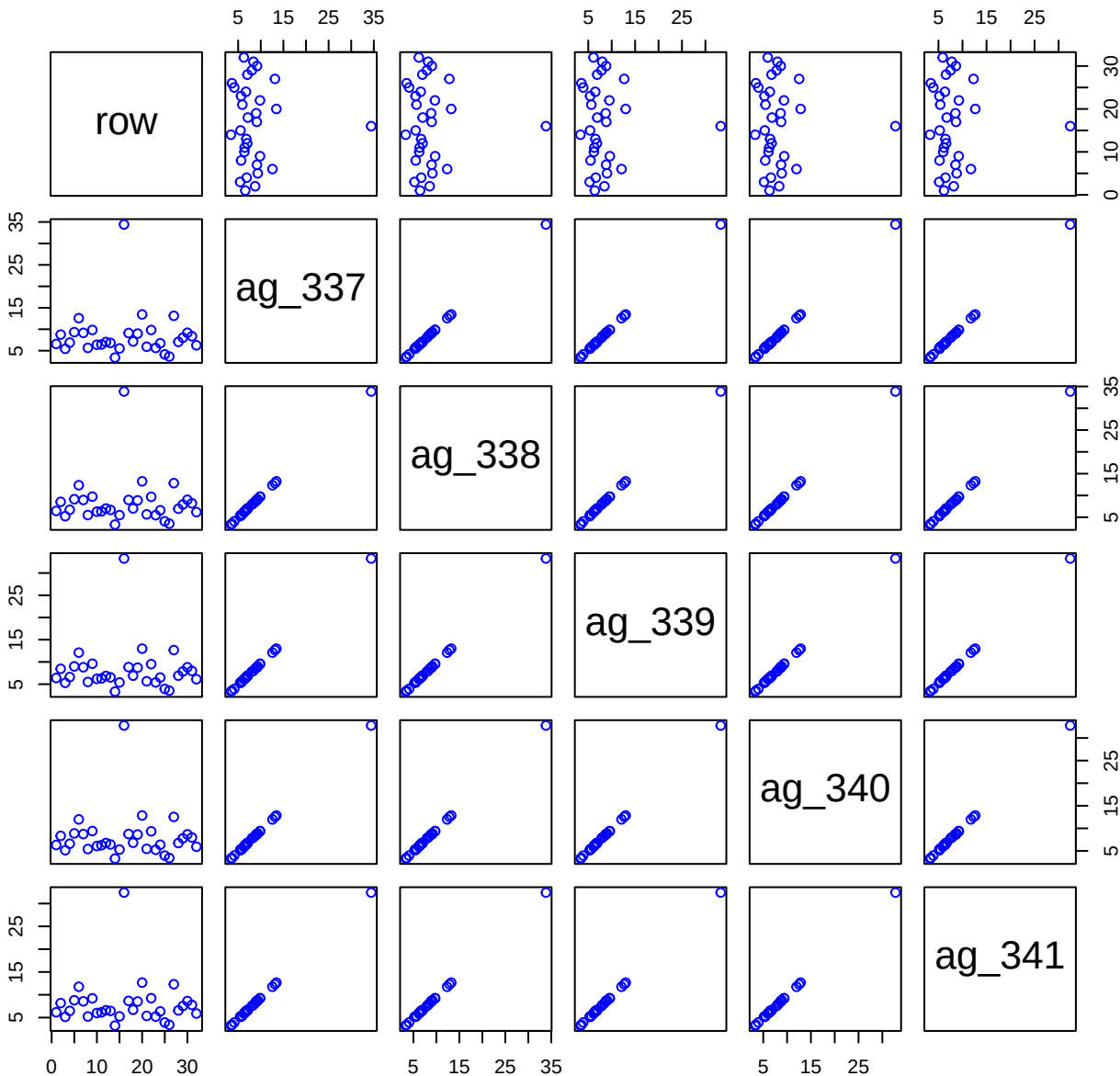
HF459-12 Plot 21



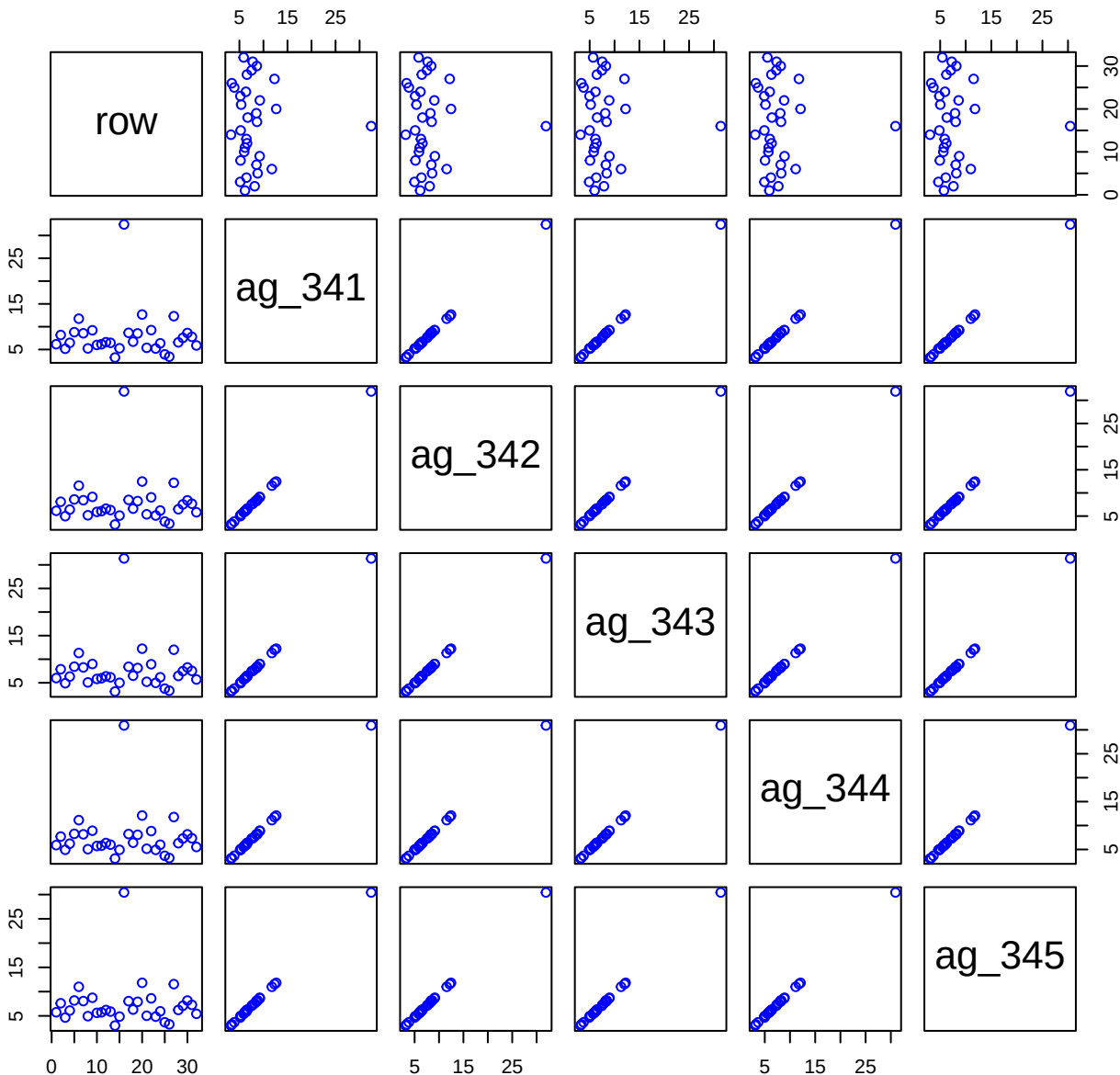
HF459-12 Plot 22



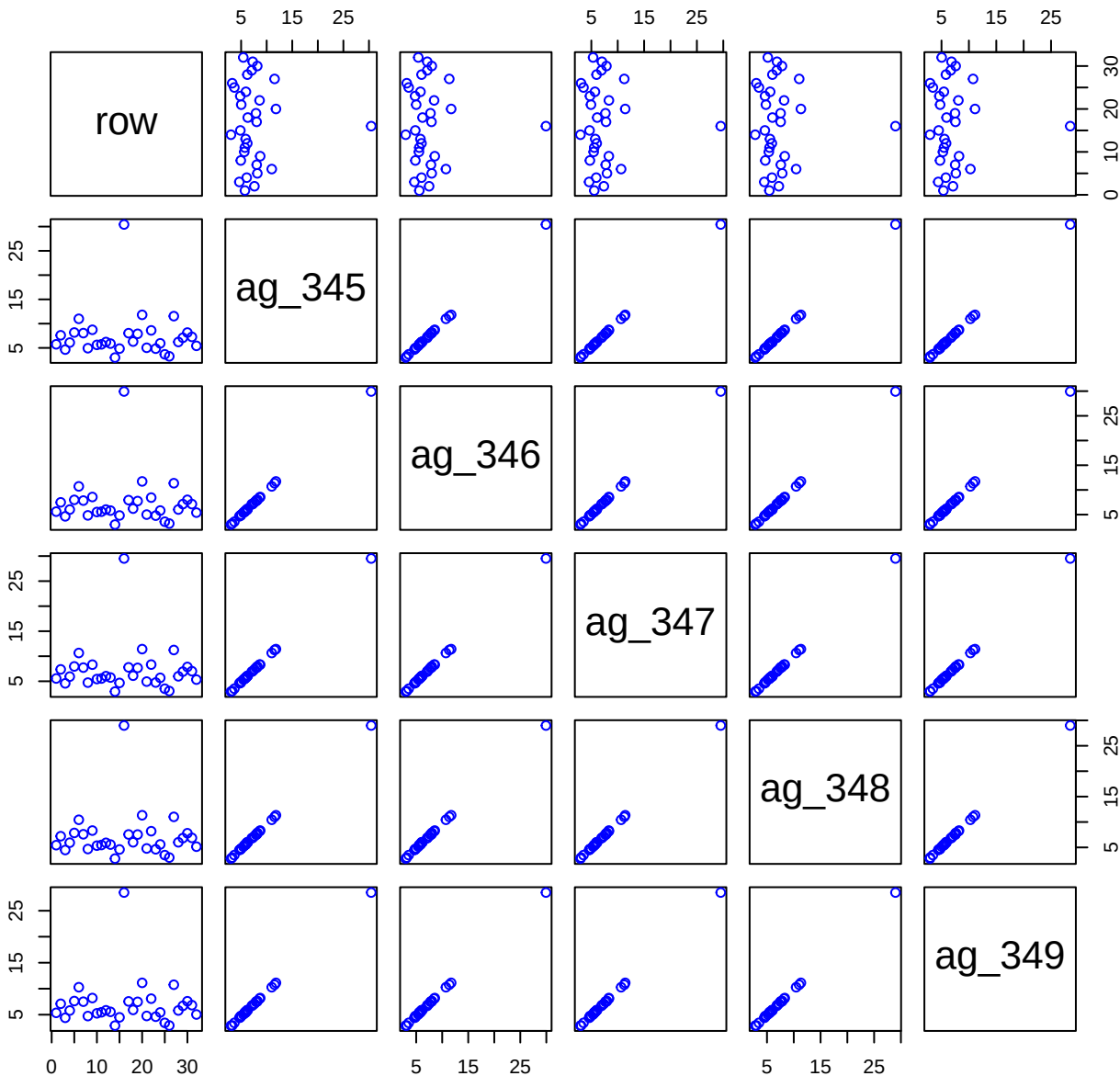
HF459-12 Plot 23



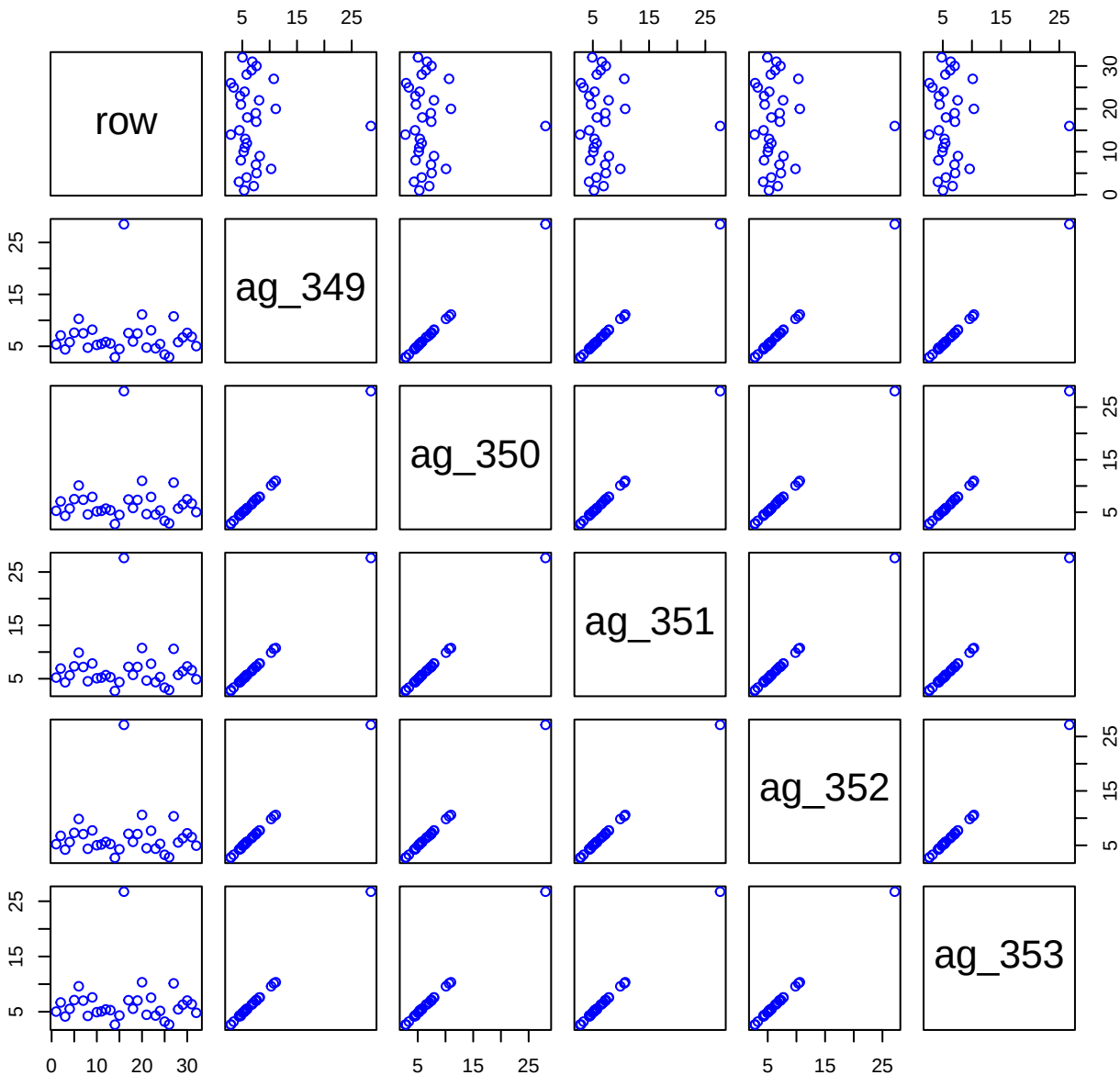
HF459-12 Plot 24



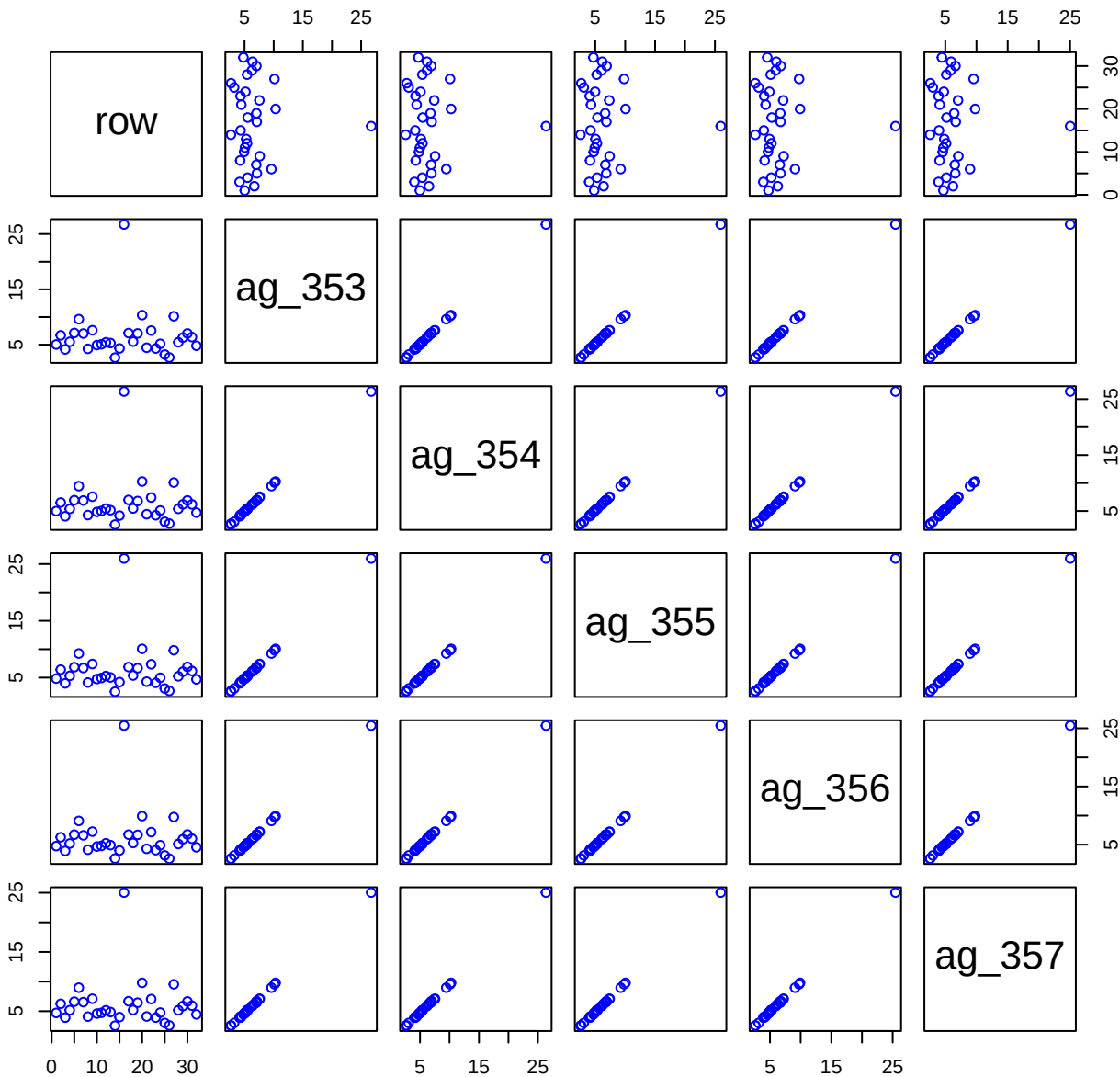
HF459-12 Plot 25



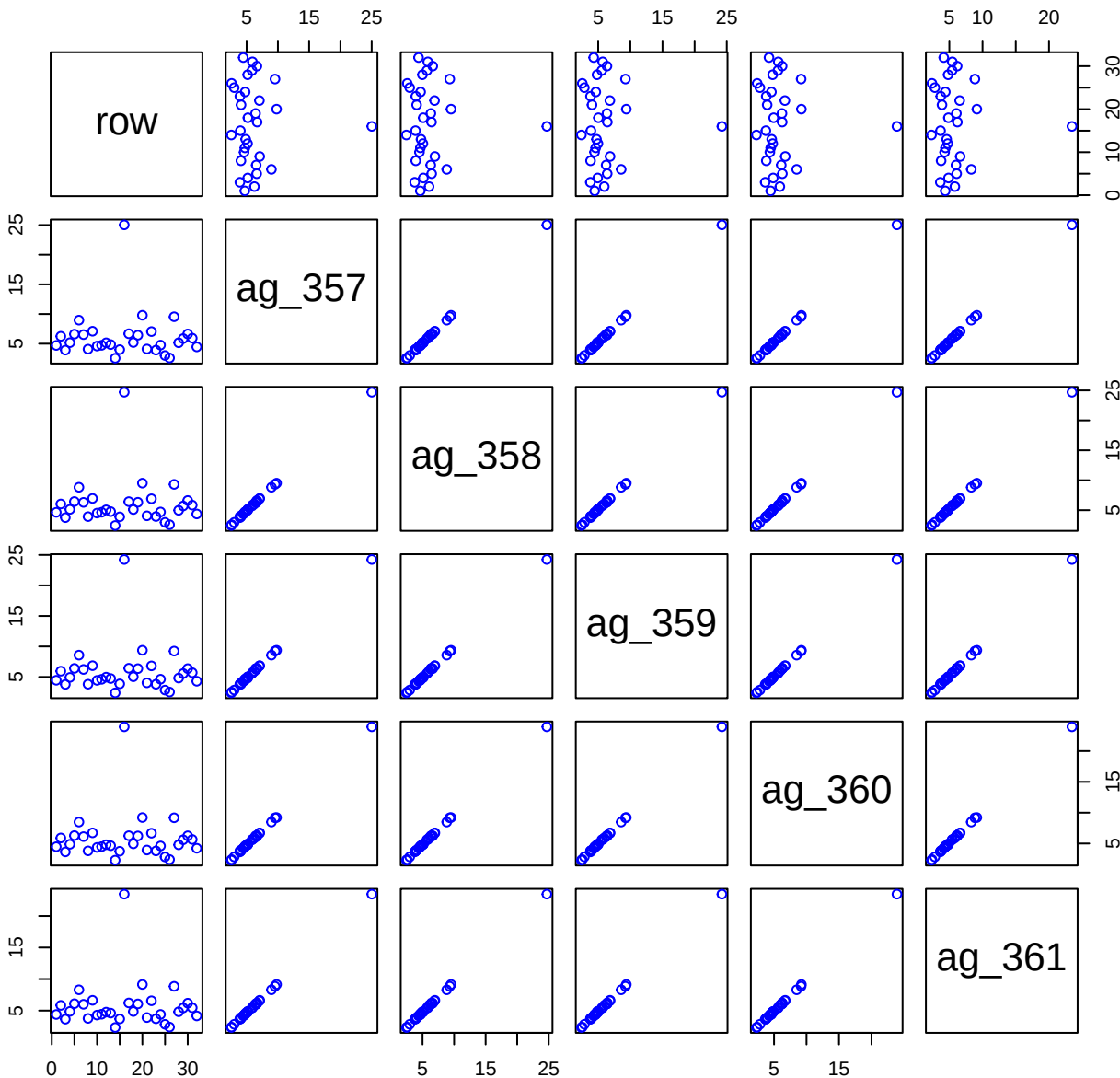
HF459-12 Plot 26



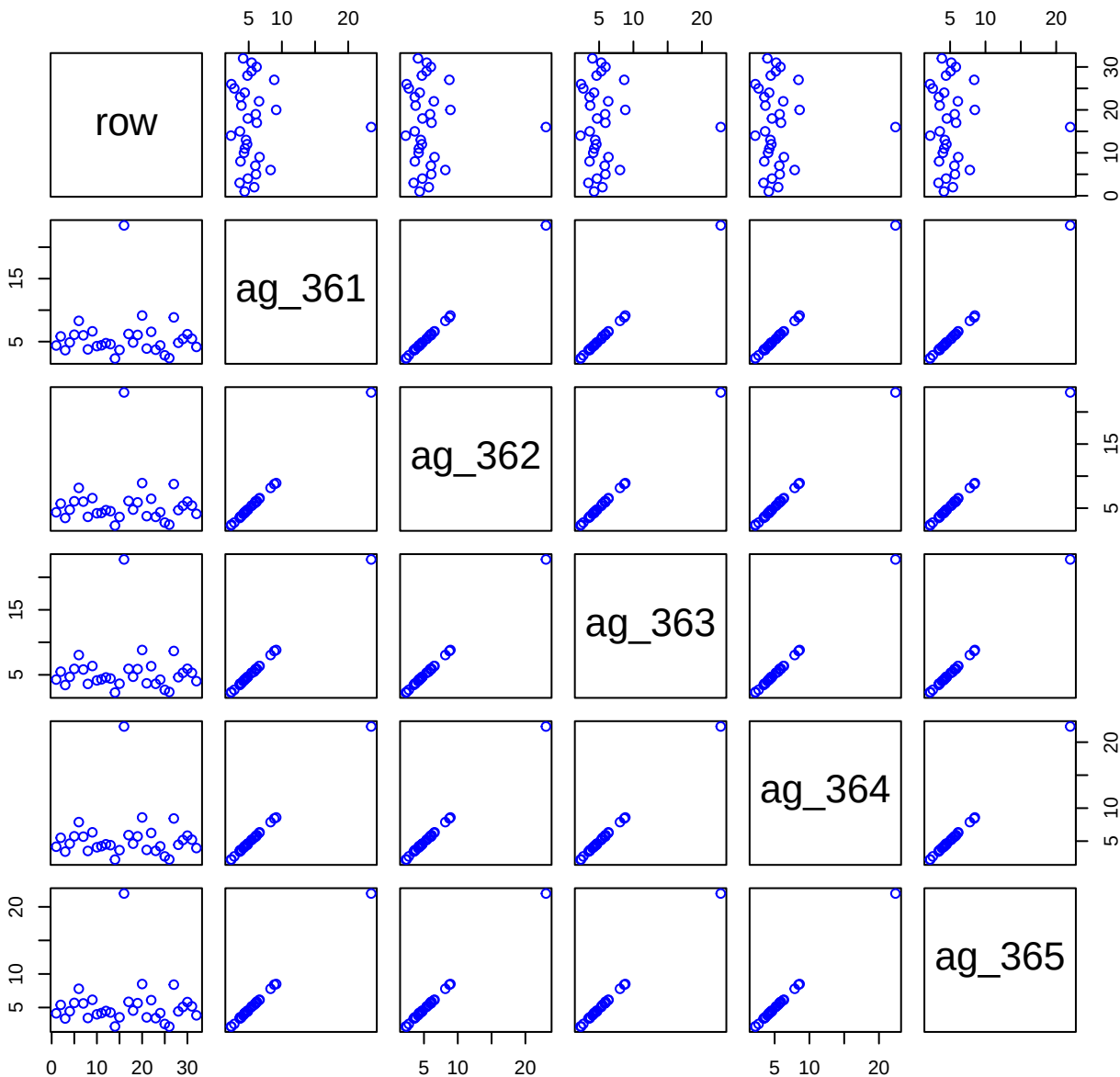
HF459-12 Plot 27



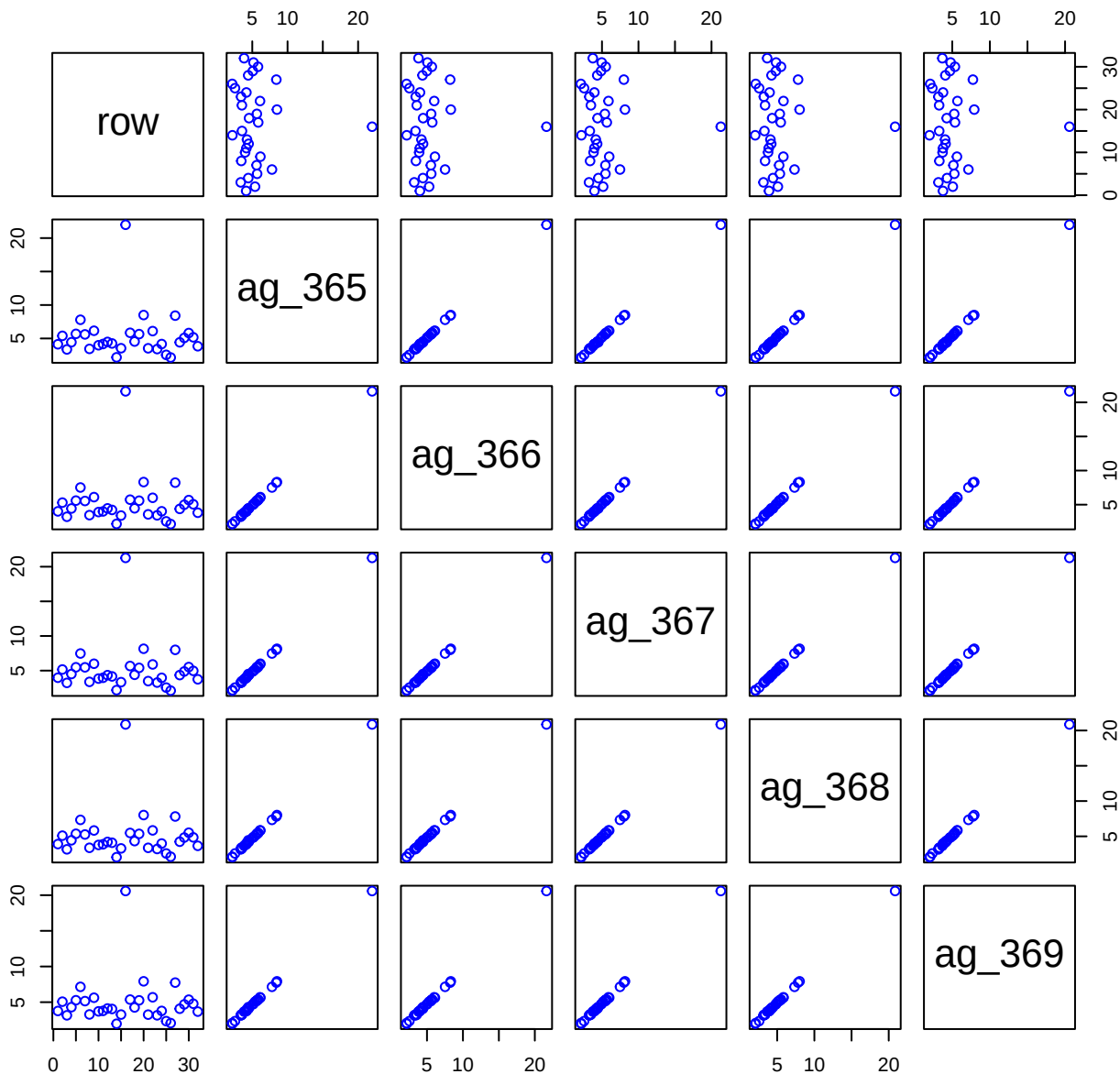
HF459-12 Plot 28



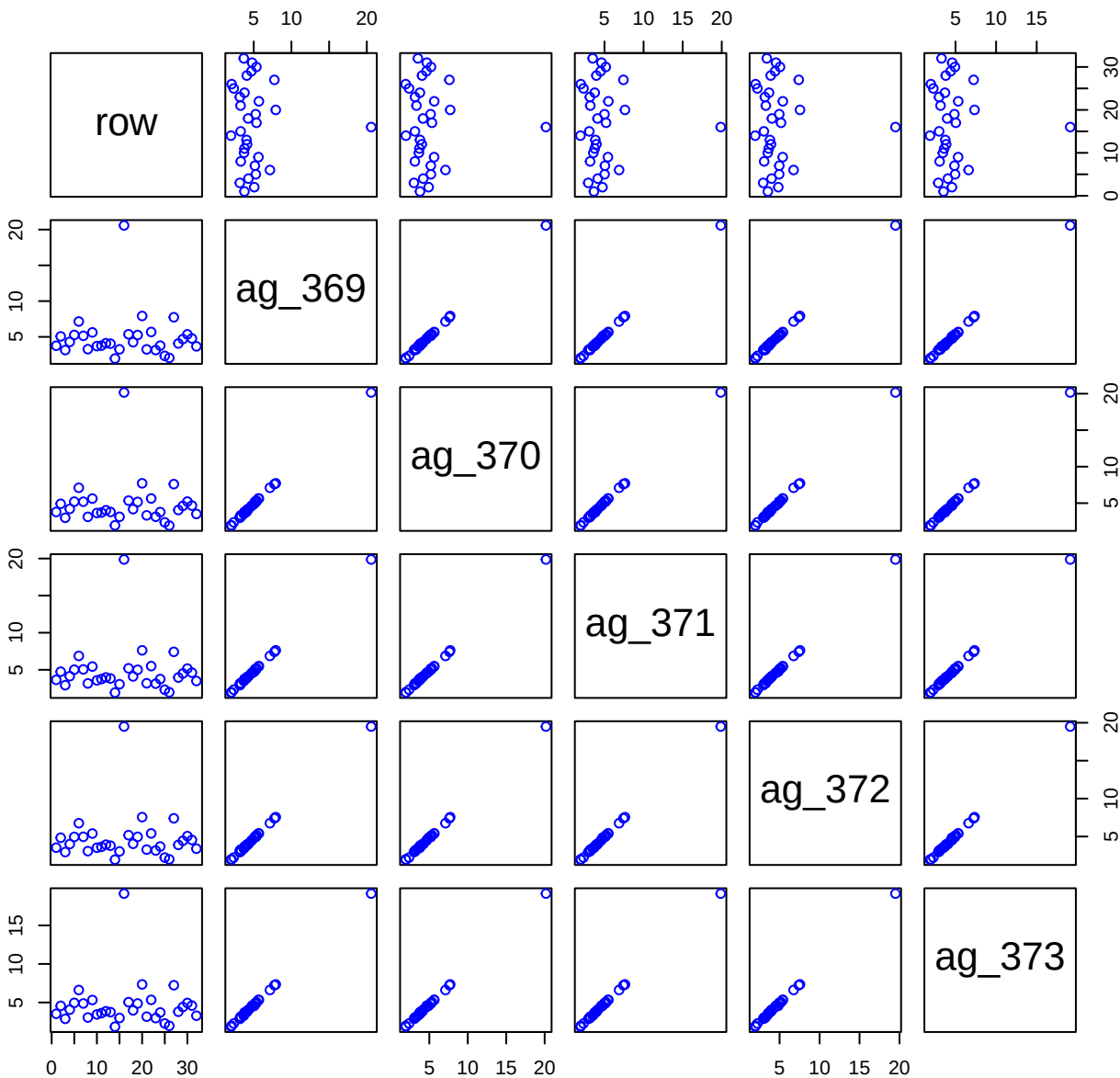
HF459-12 Plot 29



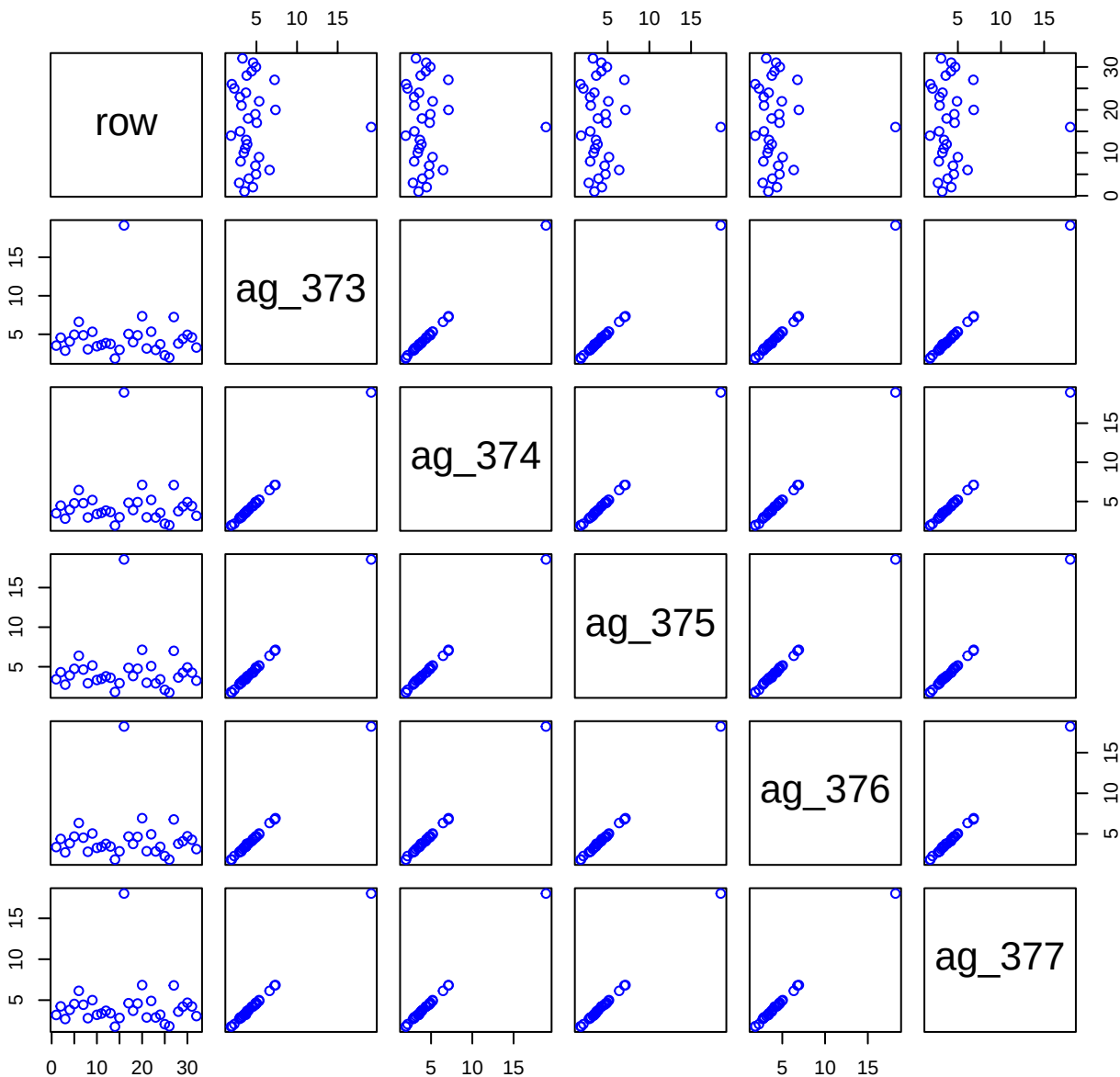
HF459-12 Plot 30



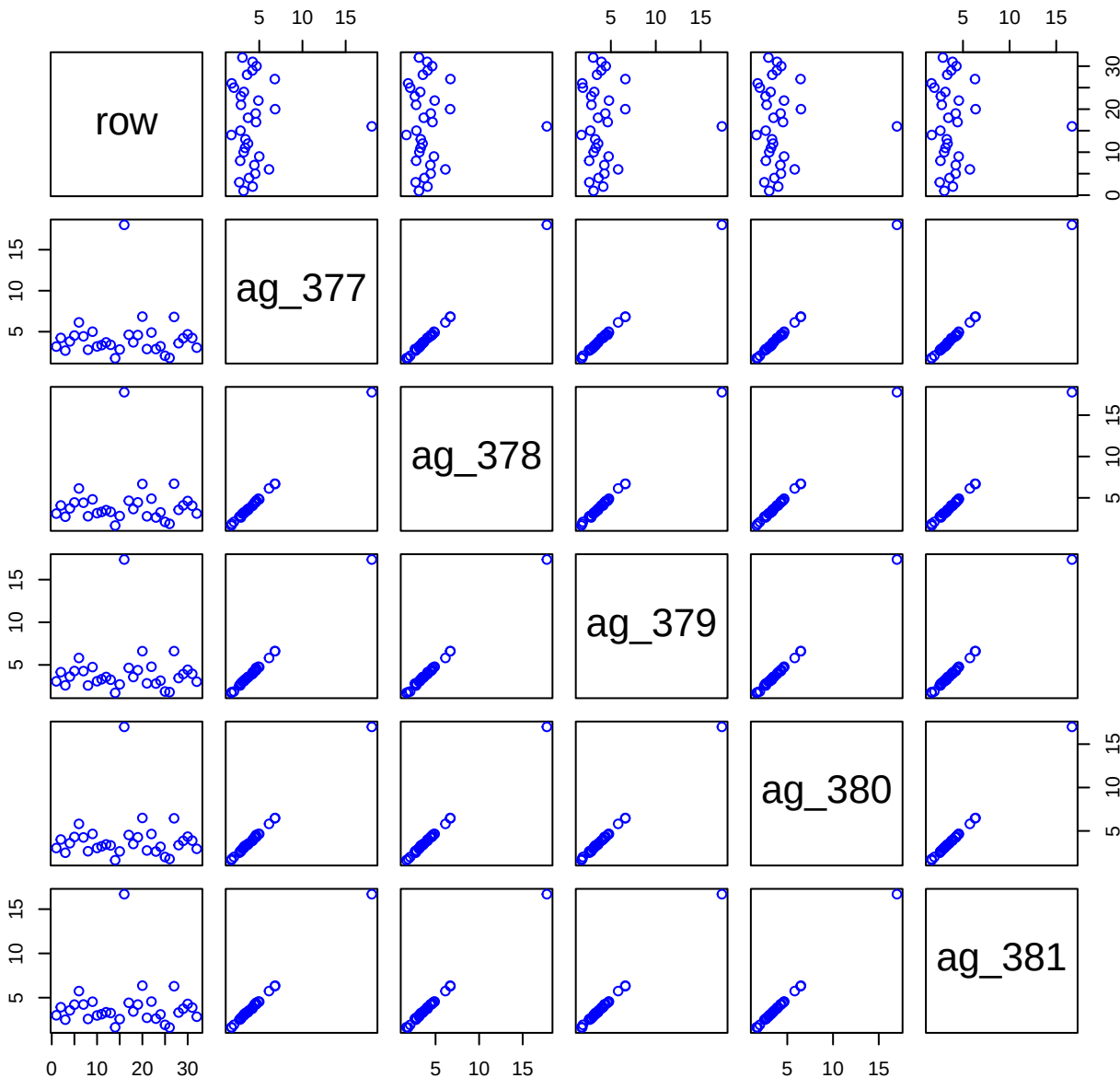
HF459-12 Plot 31



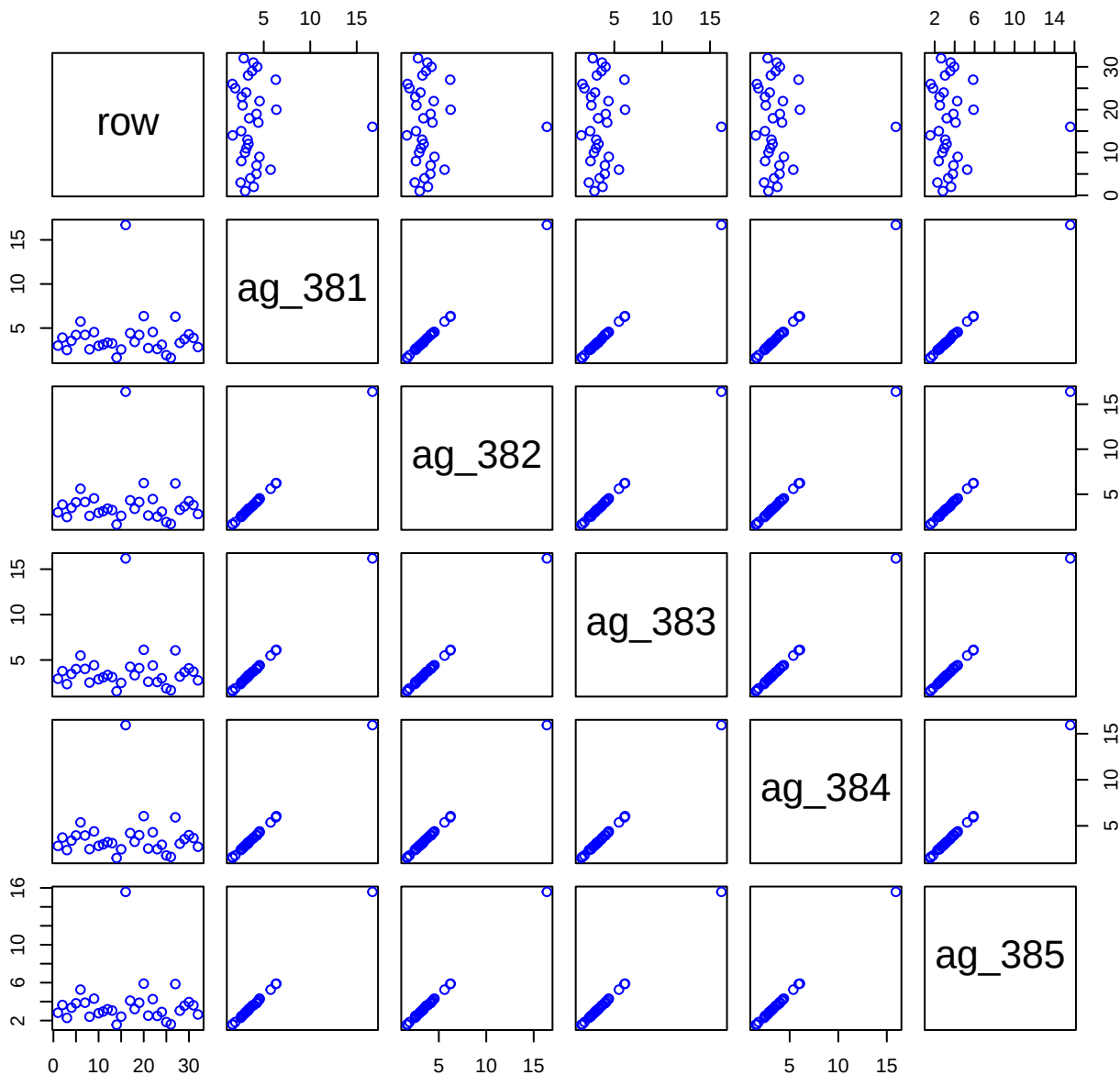
HF459-12 Plot 32



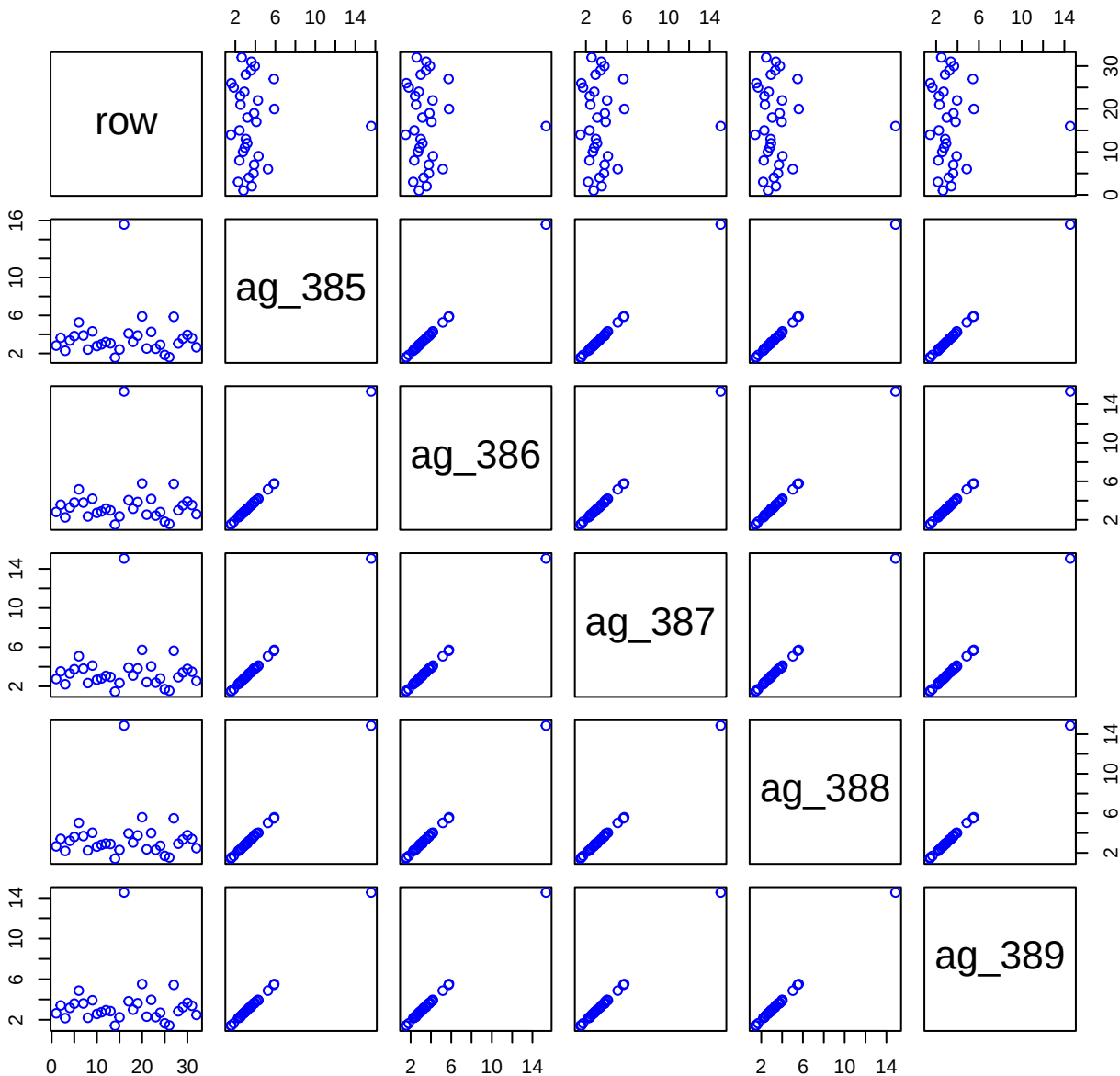
HF459-12 Plot 33



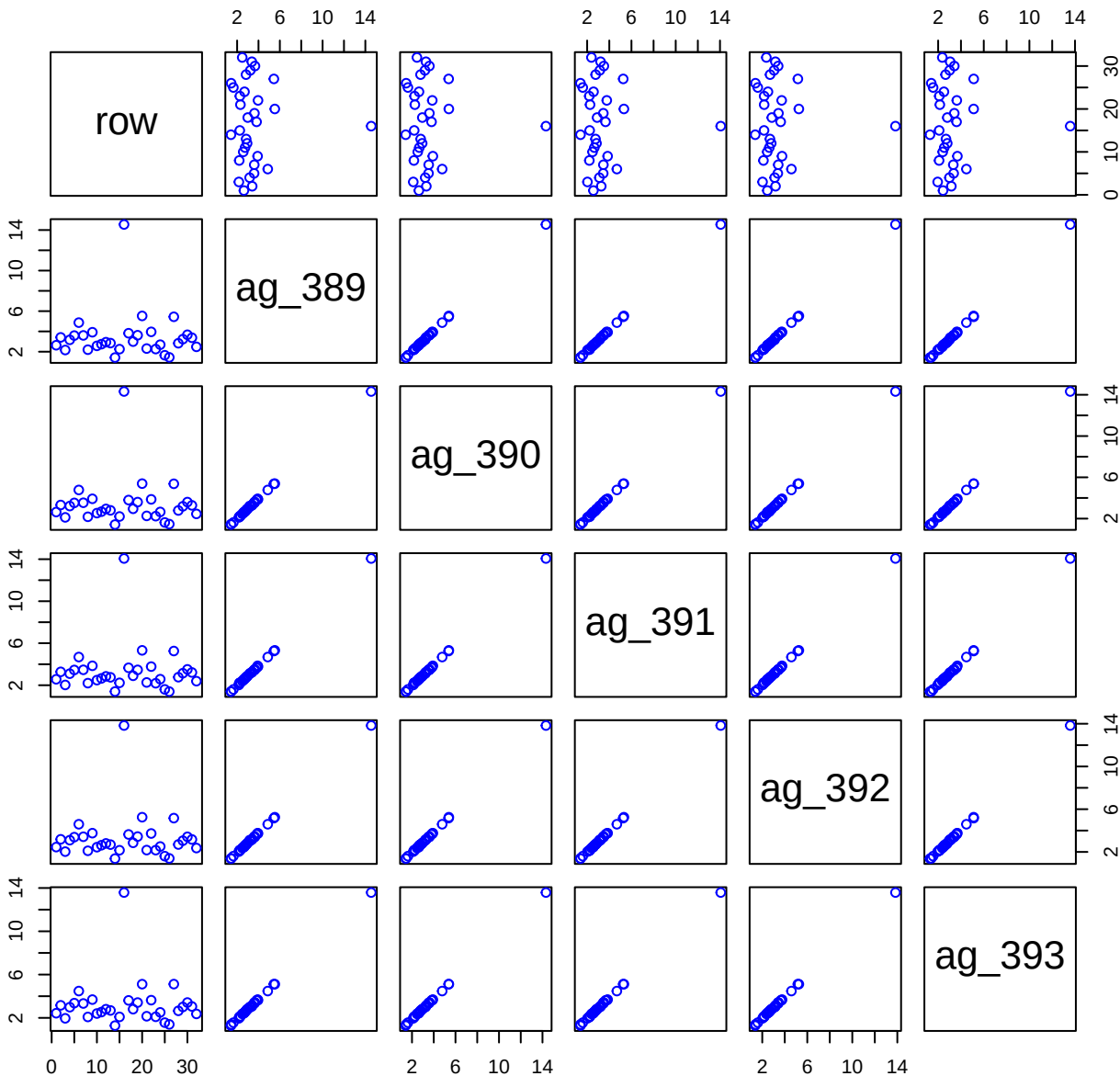
HF459-12 Plot 34



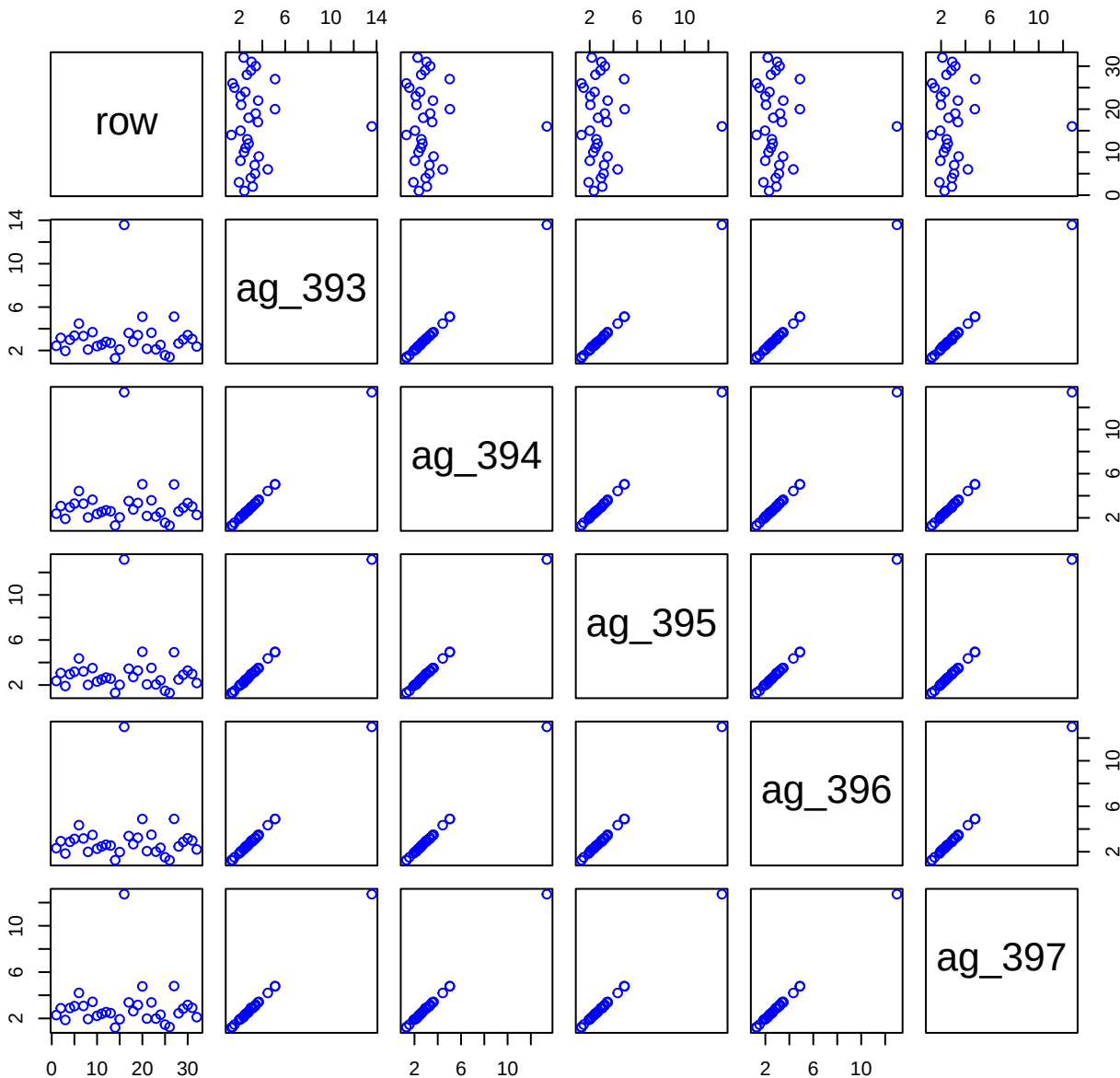
HF459-12 Plot 35



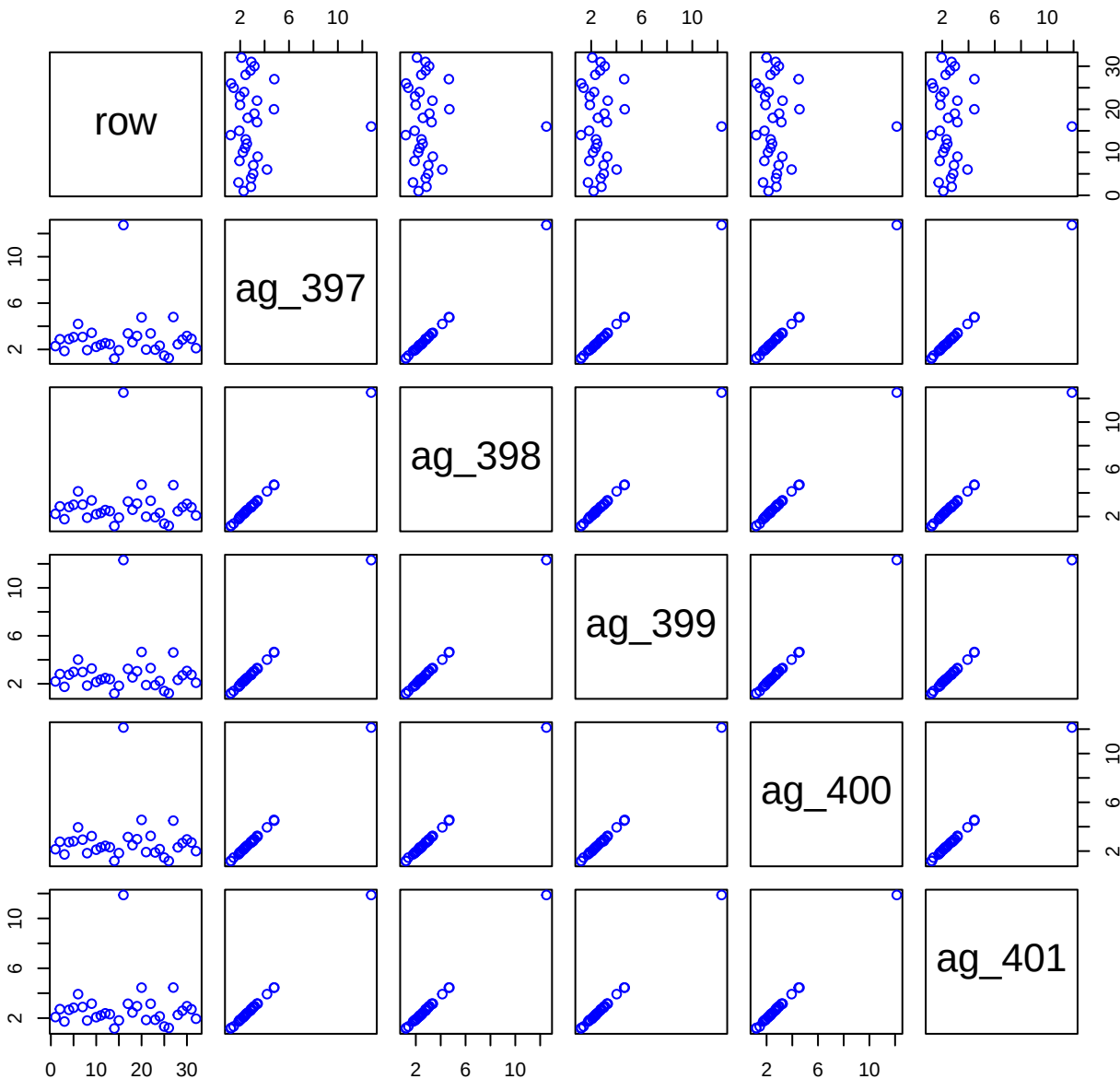
HF459-12 Plot 36



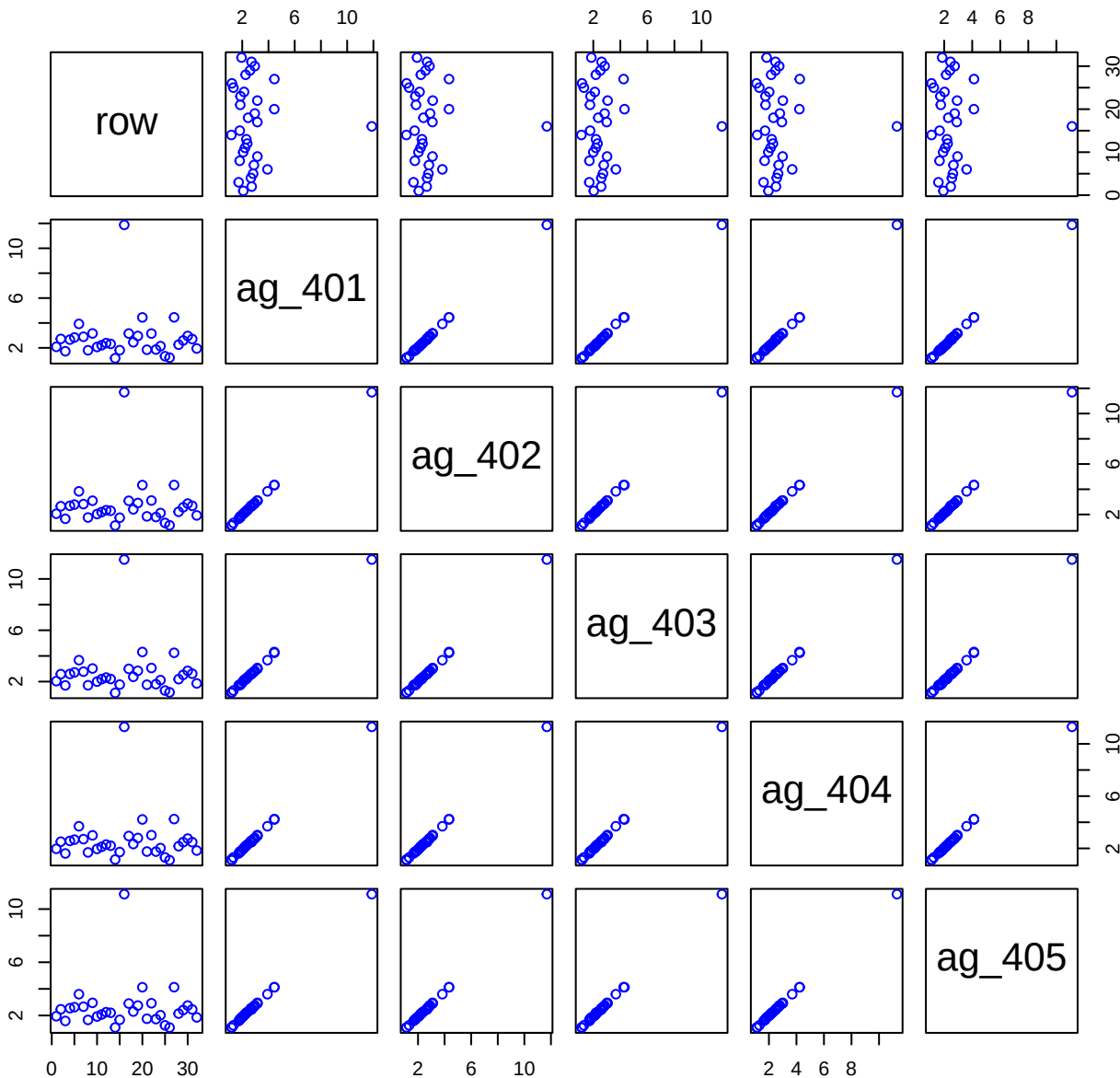
HF459-12 Plot 37



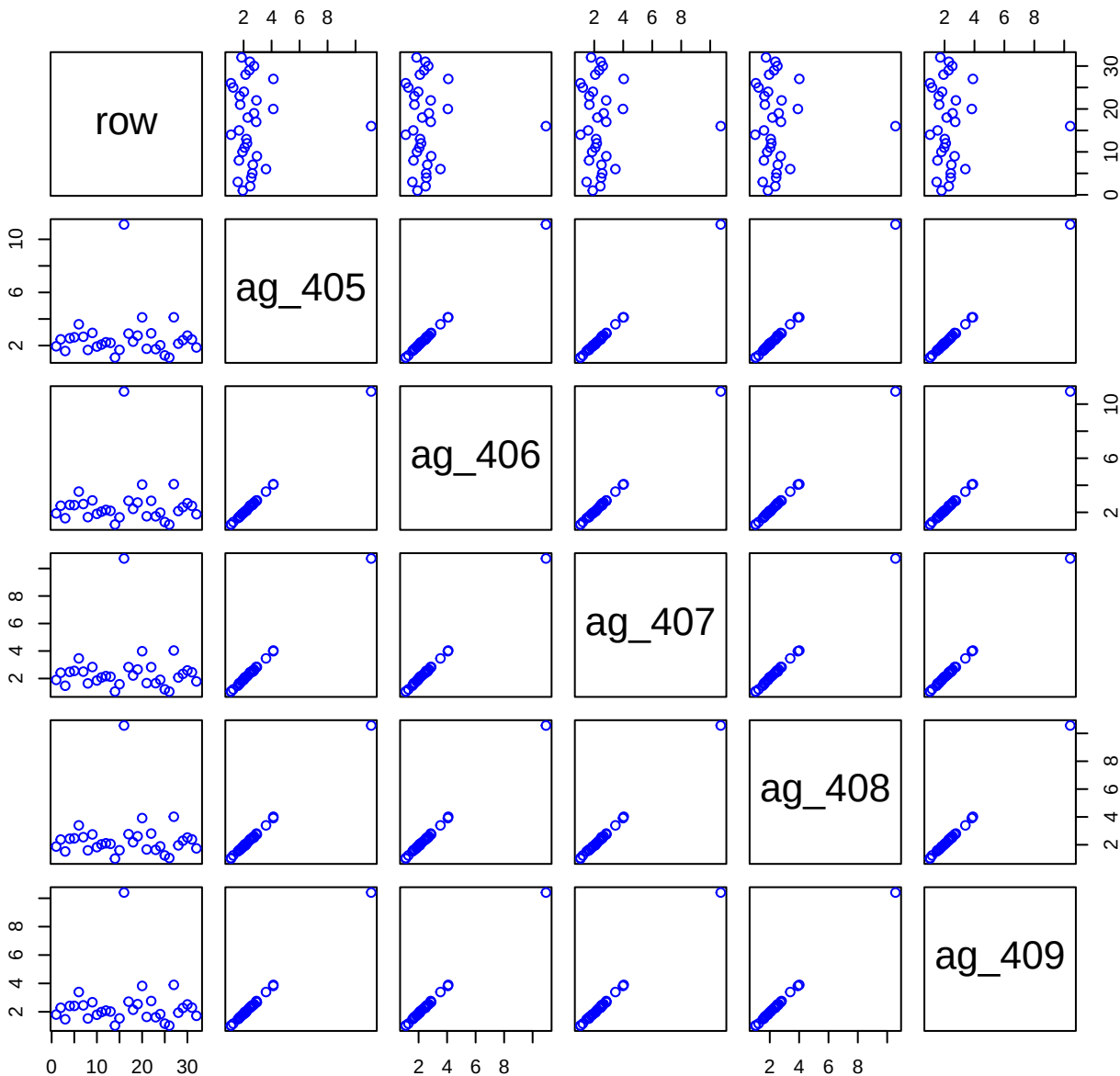
HF459-12 Plot 38



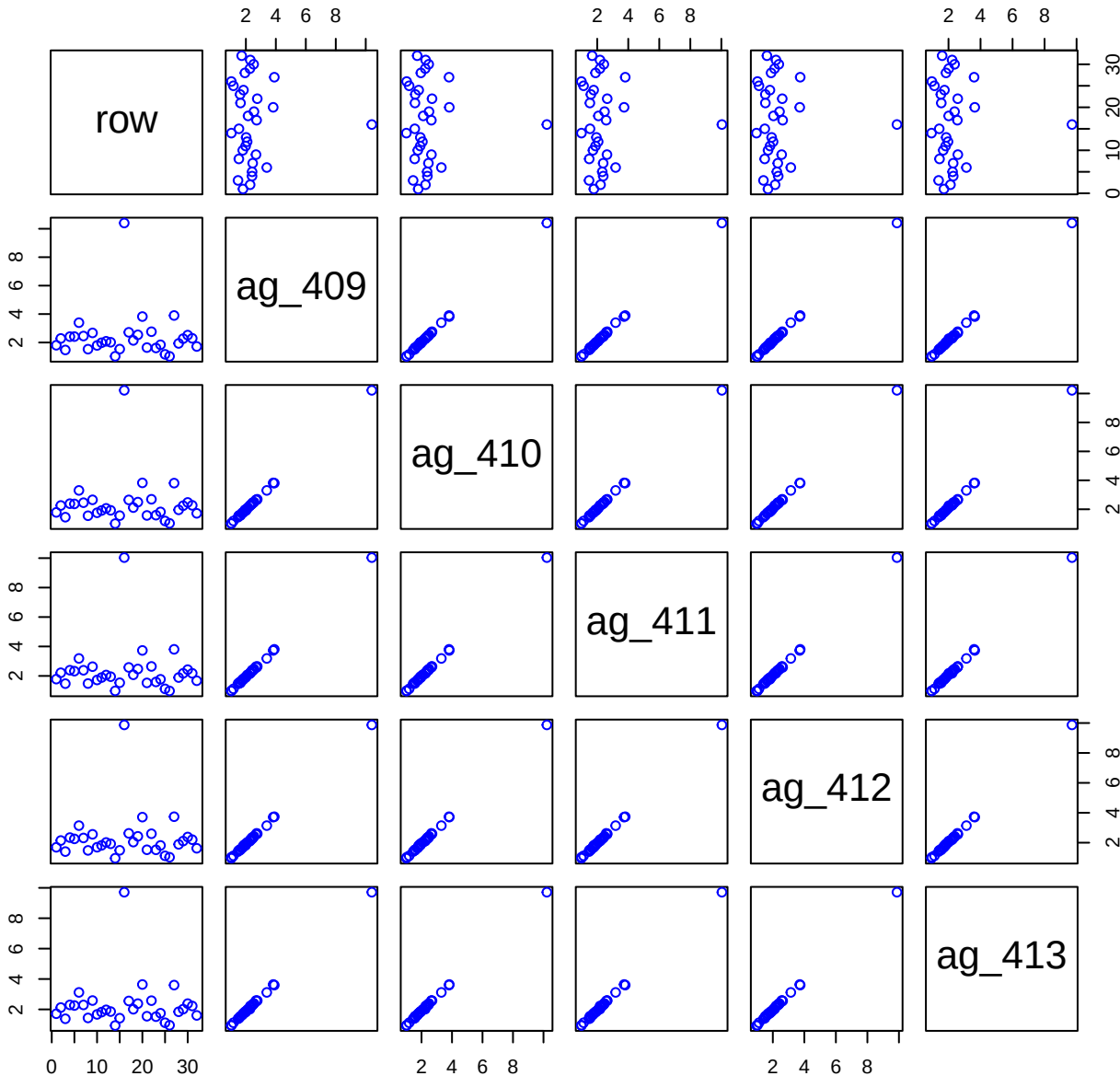
HF459-12 Plot 39



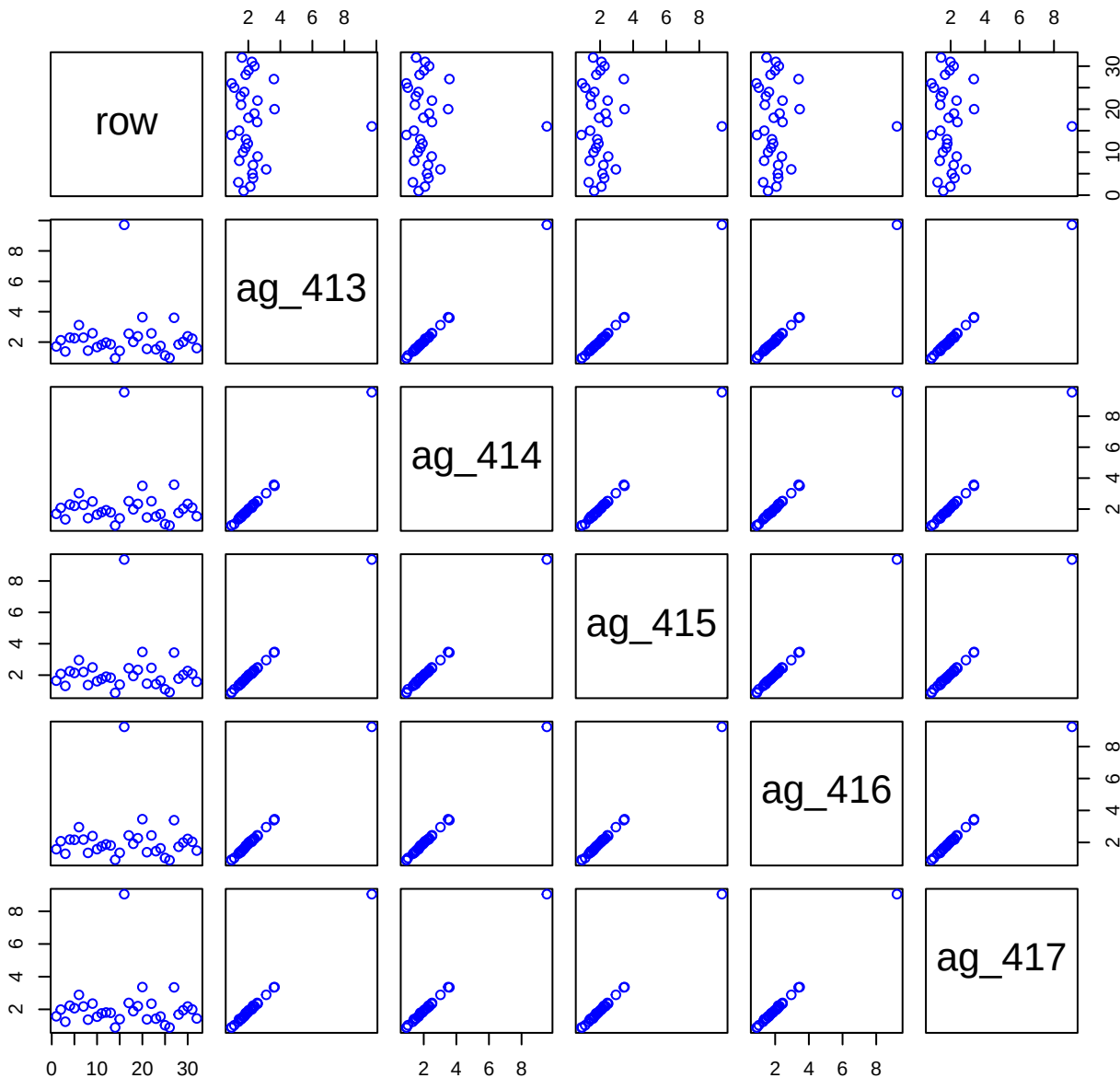
HF459-12 Plot 40



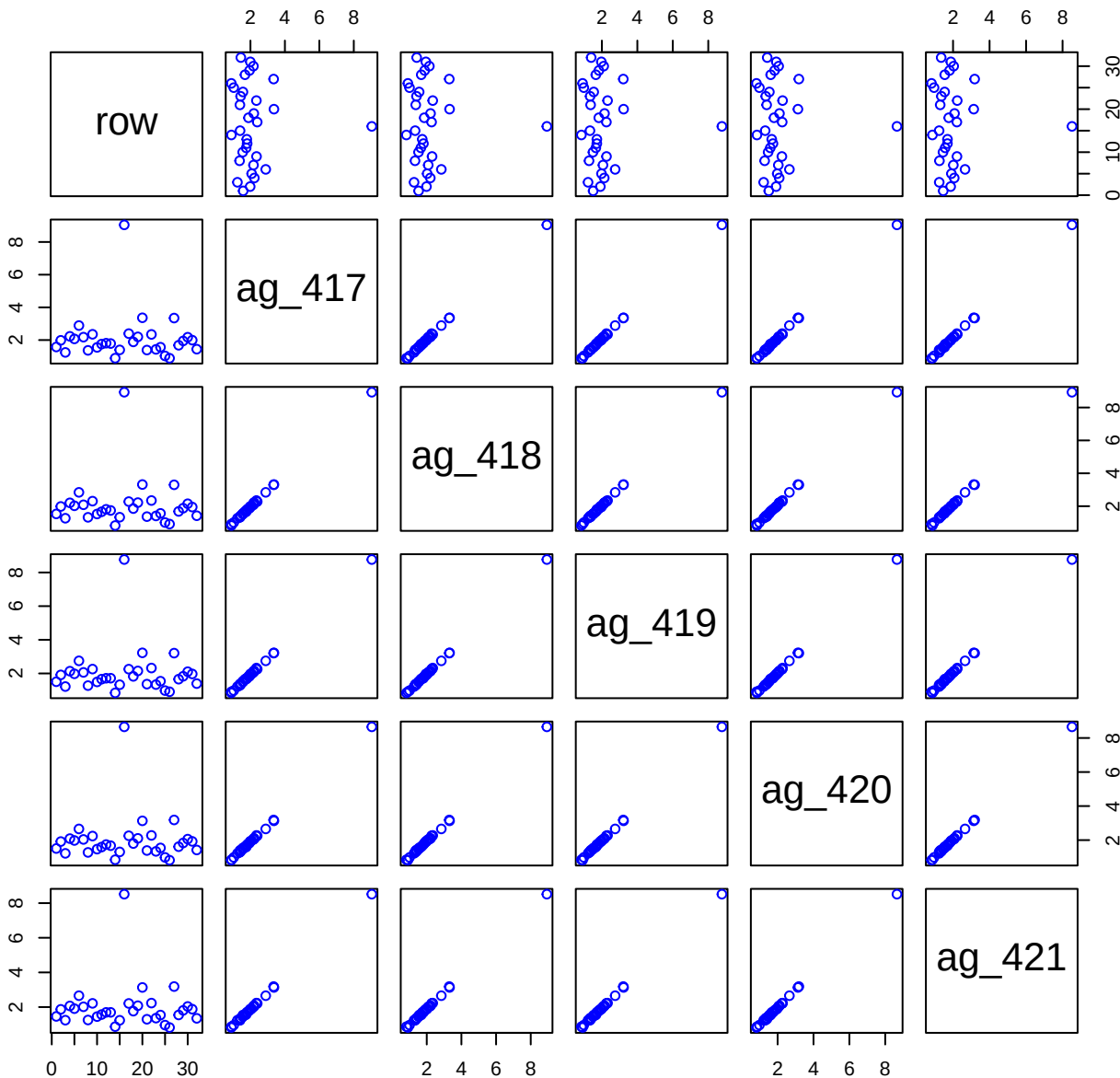
HF459-12 Plot 41



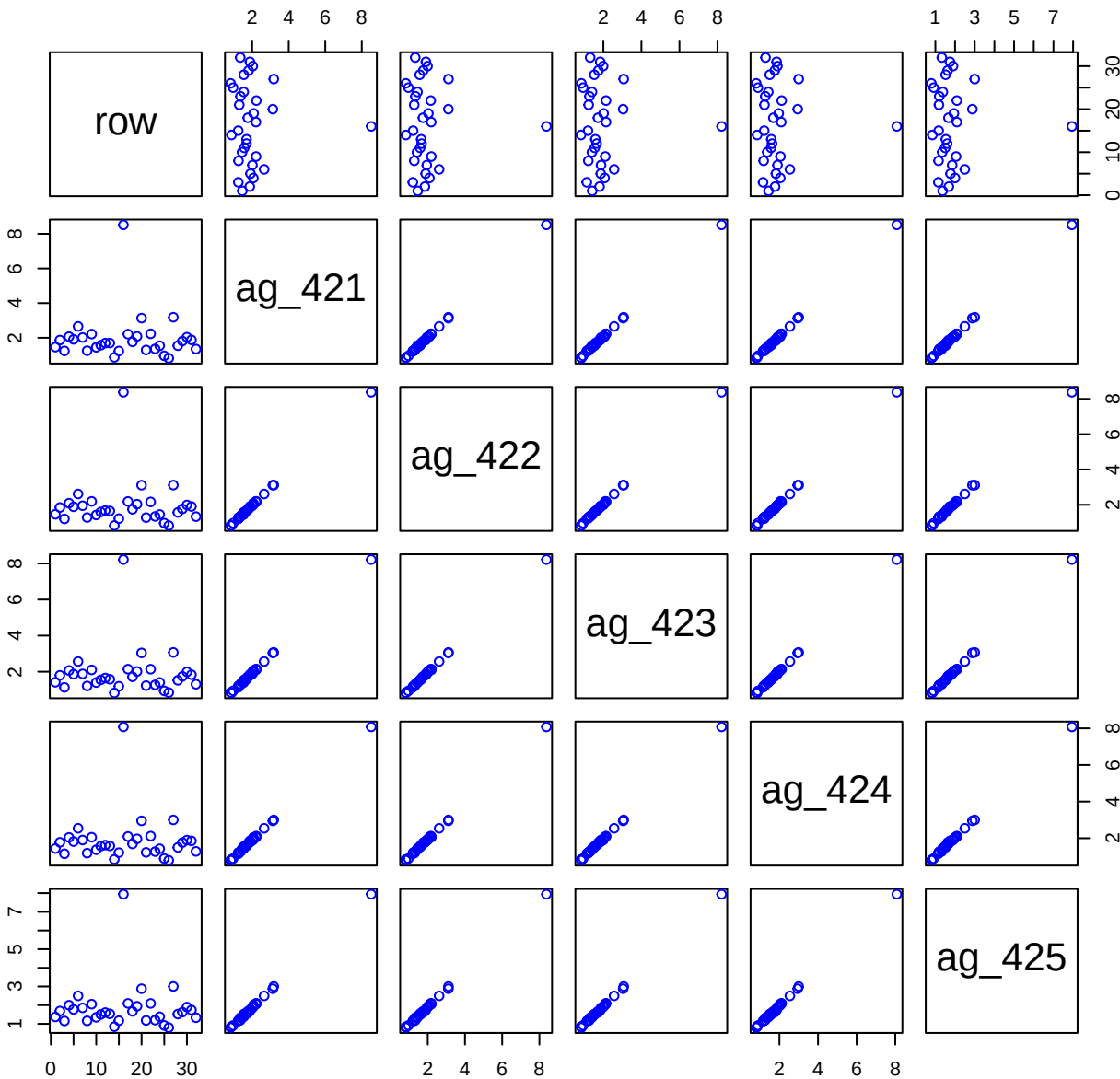
HF459-12 Plot 42



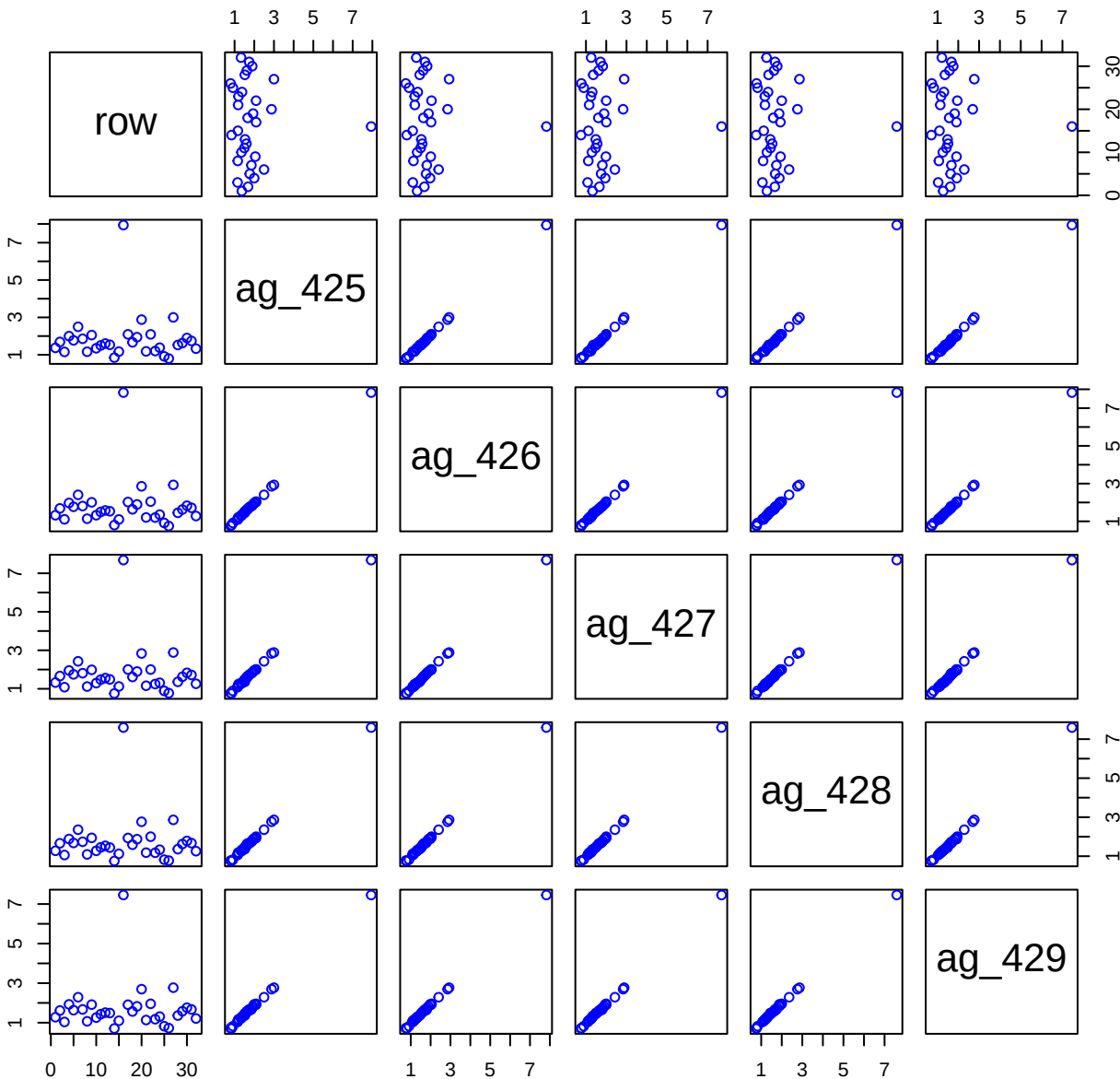
HF459-12 Plot 43



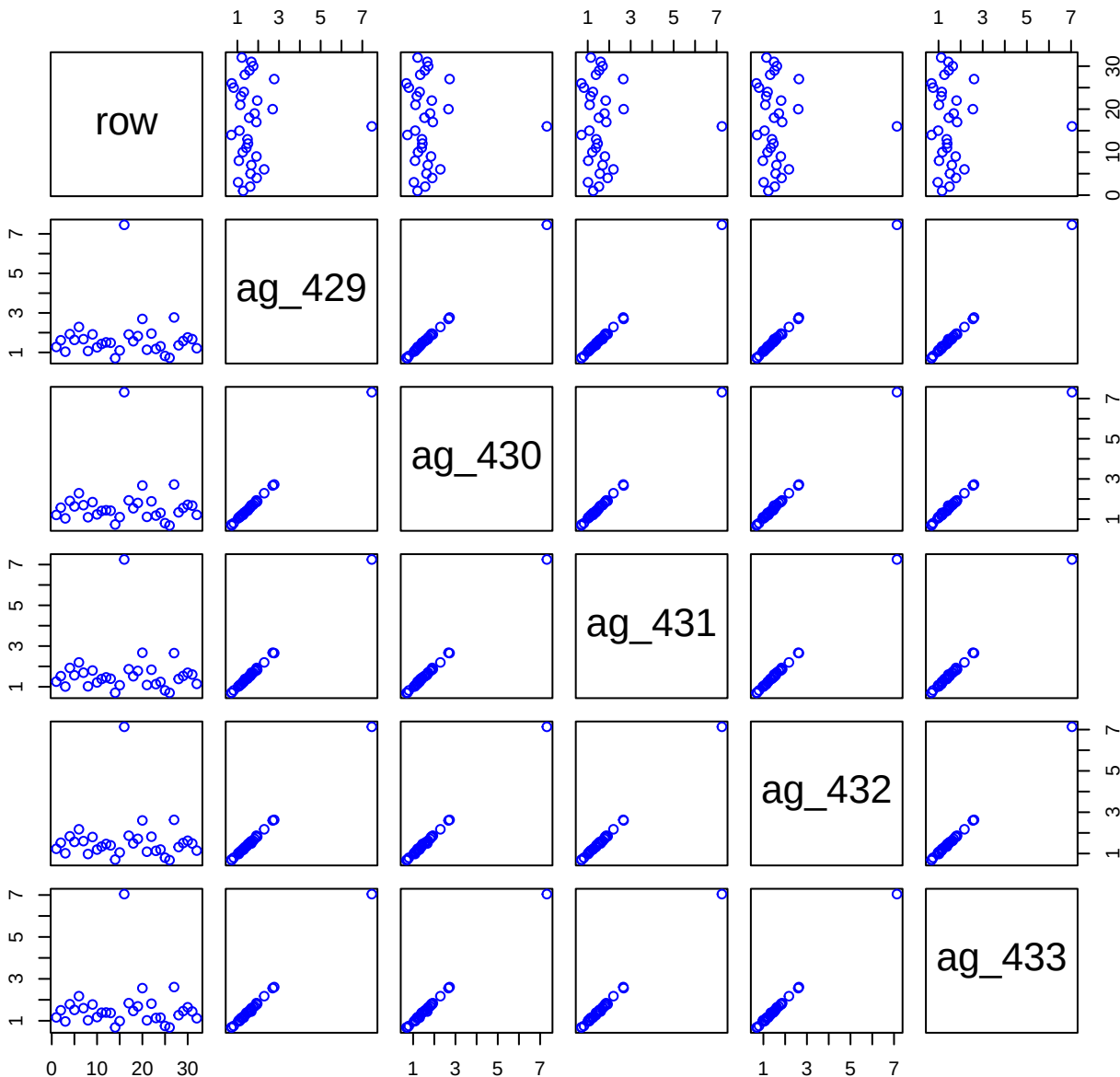
HF459-12 Plot 44



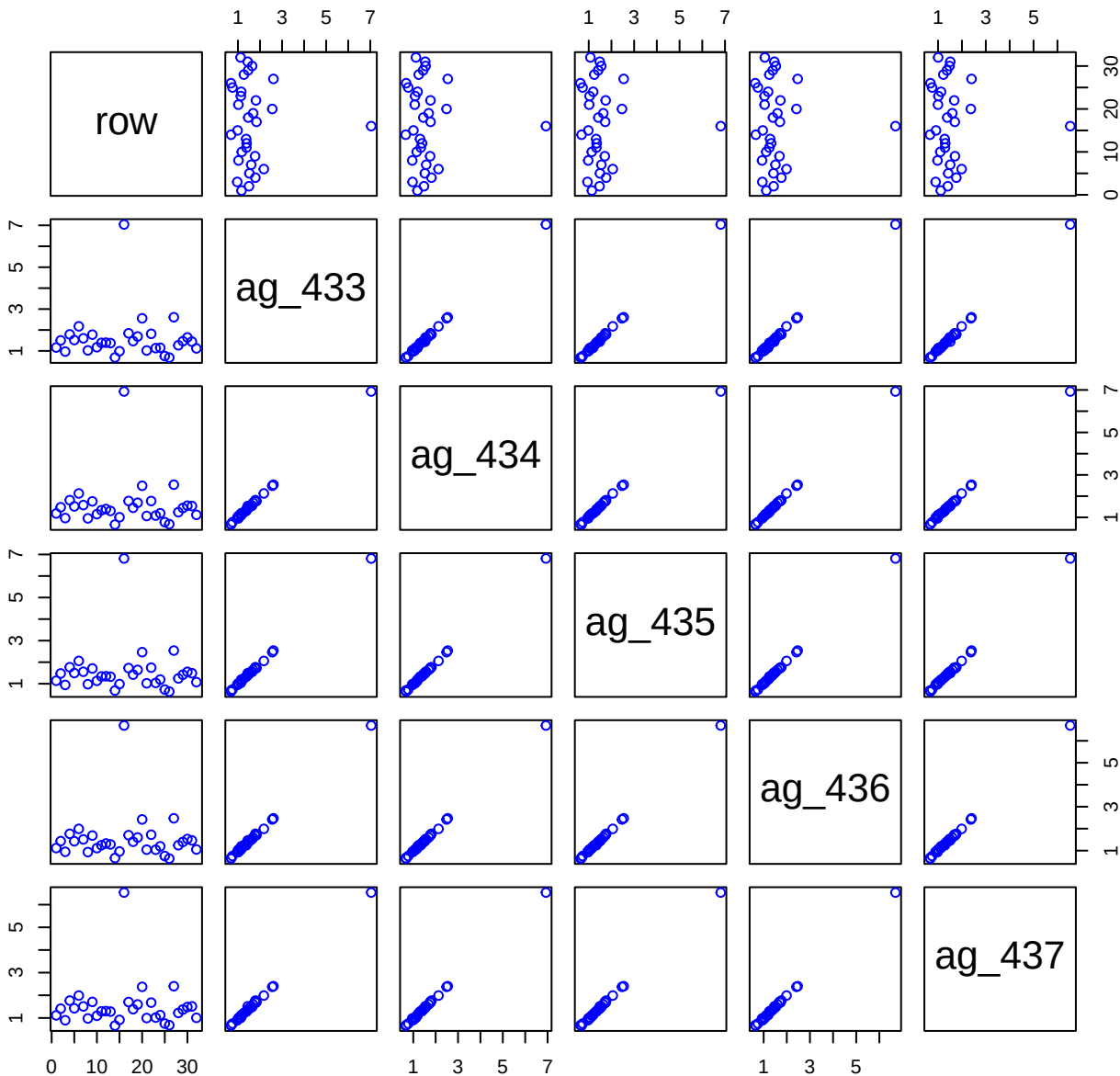
HF459-12 Plot 45



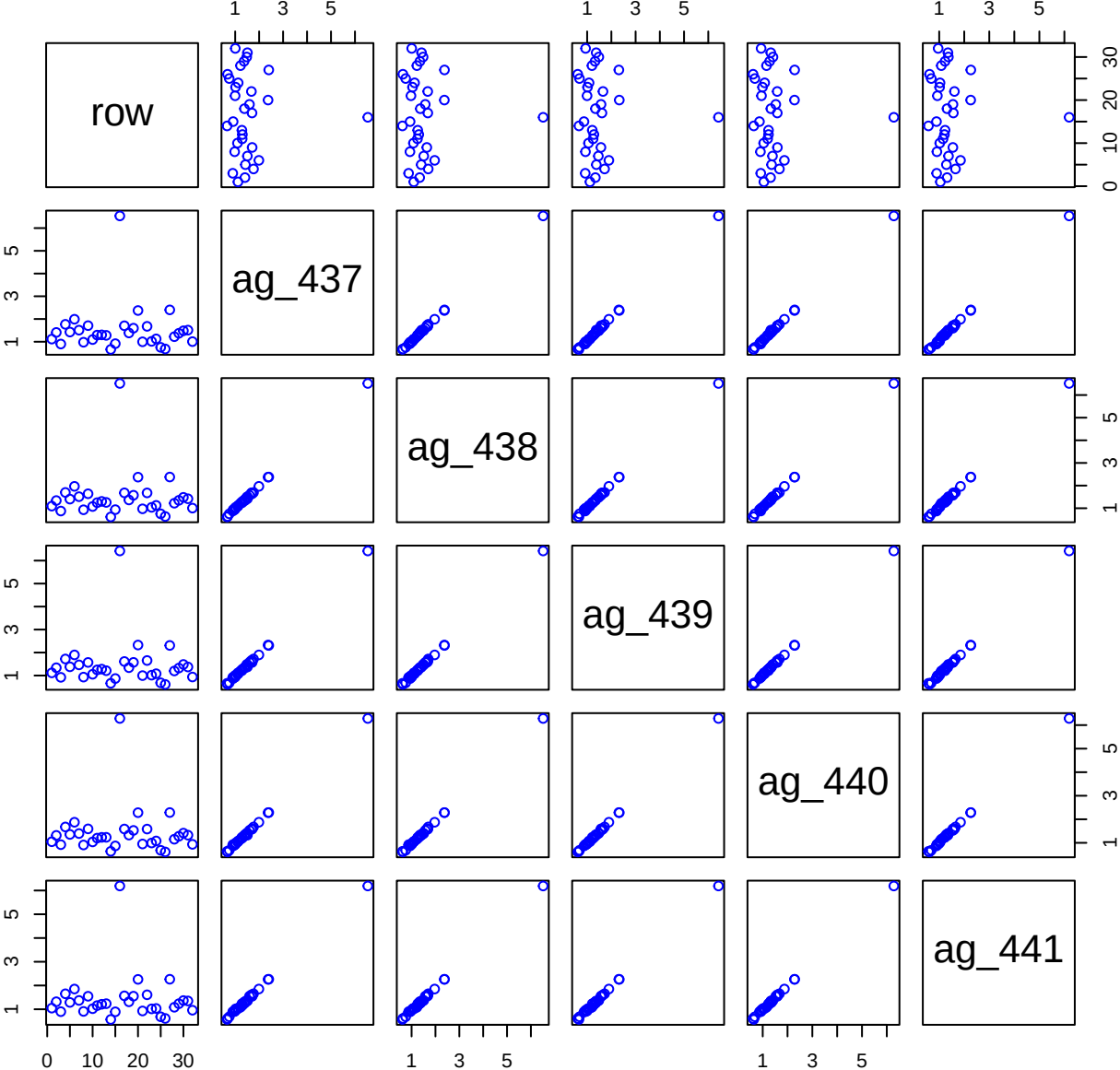
HF459-12 Plot 46



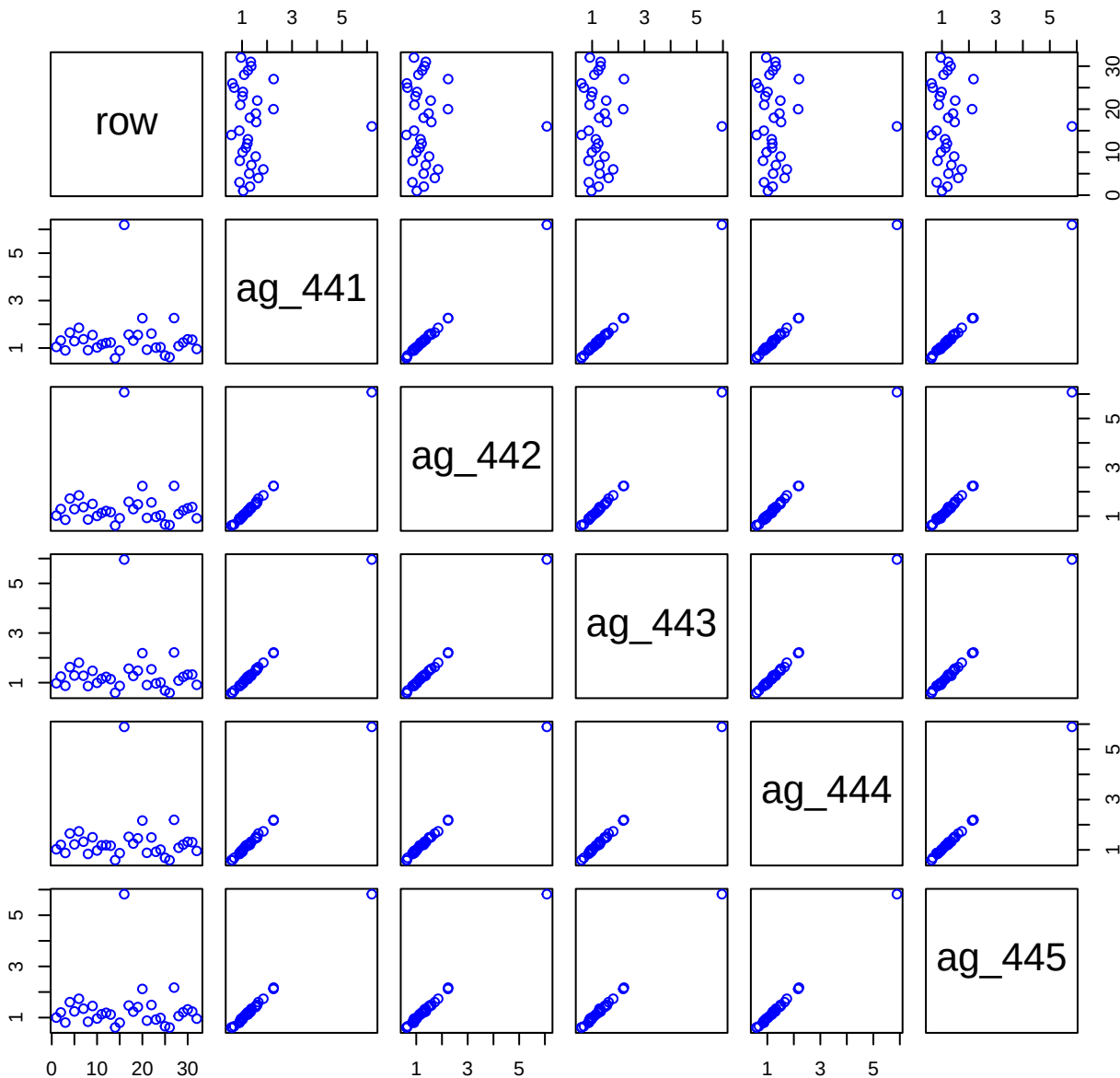
HF459-12 Plot 47



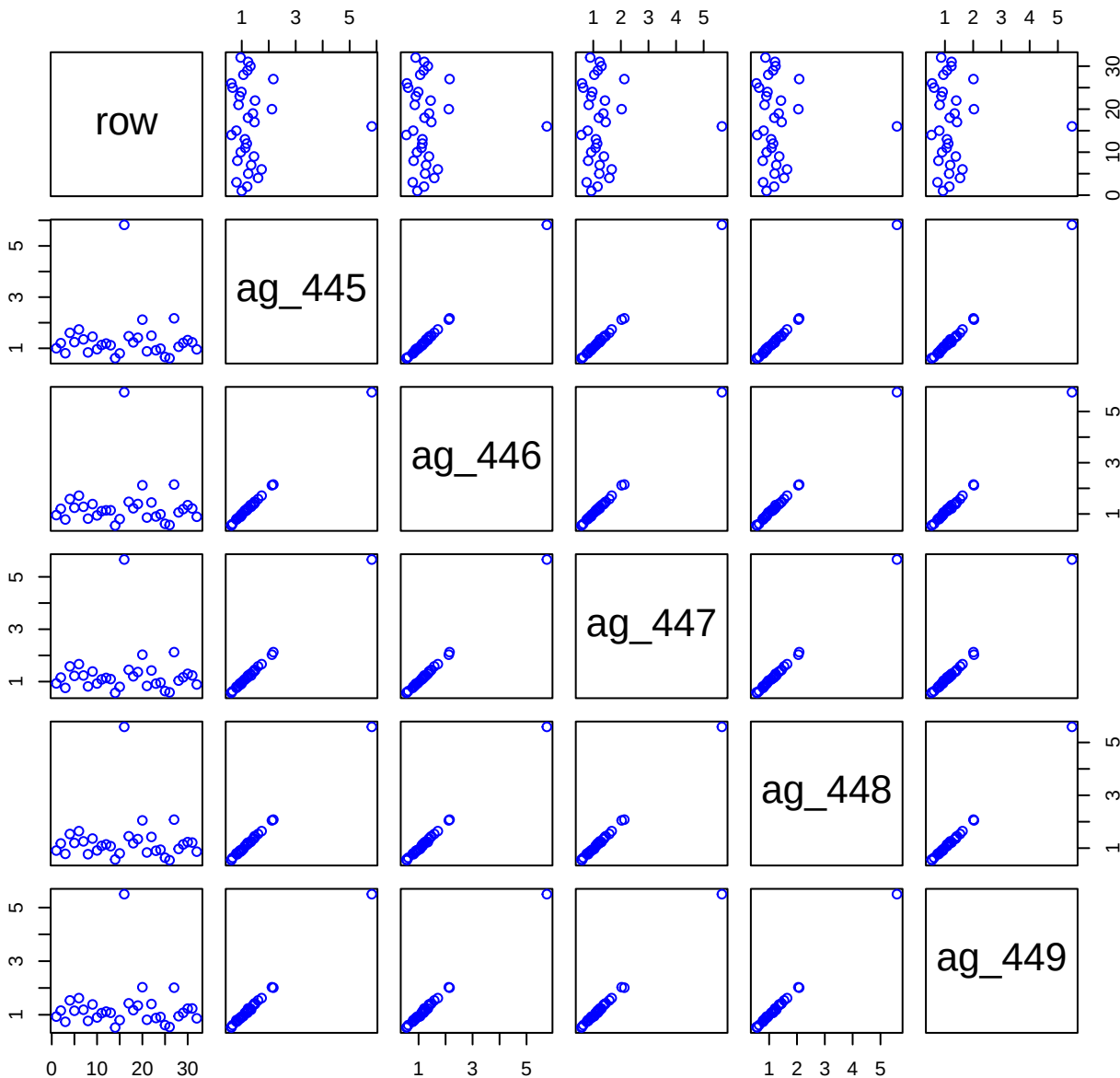
HF459-12 Plot 48



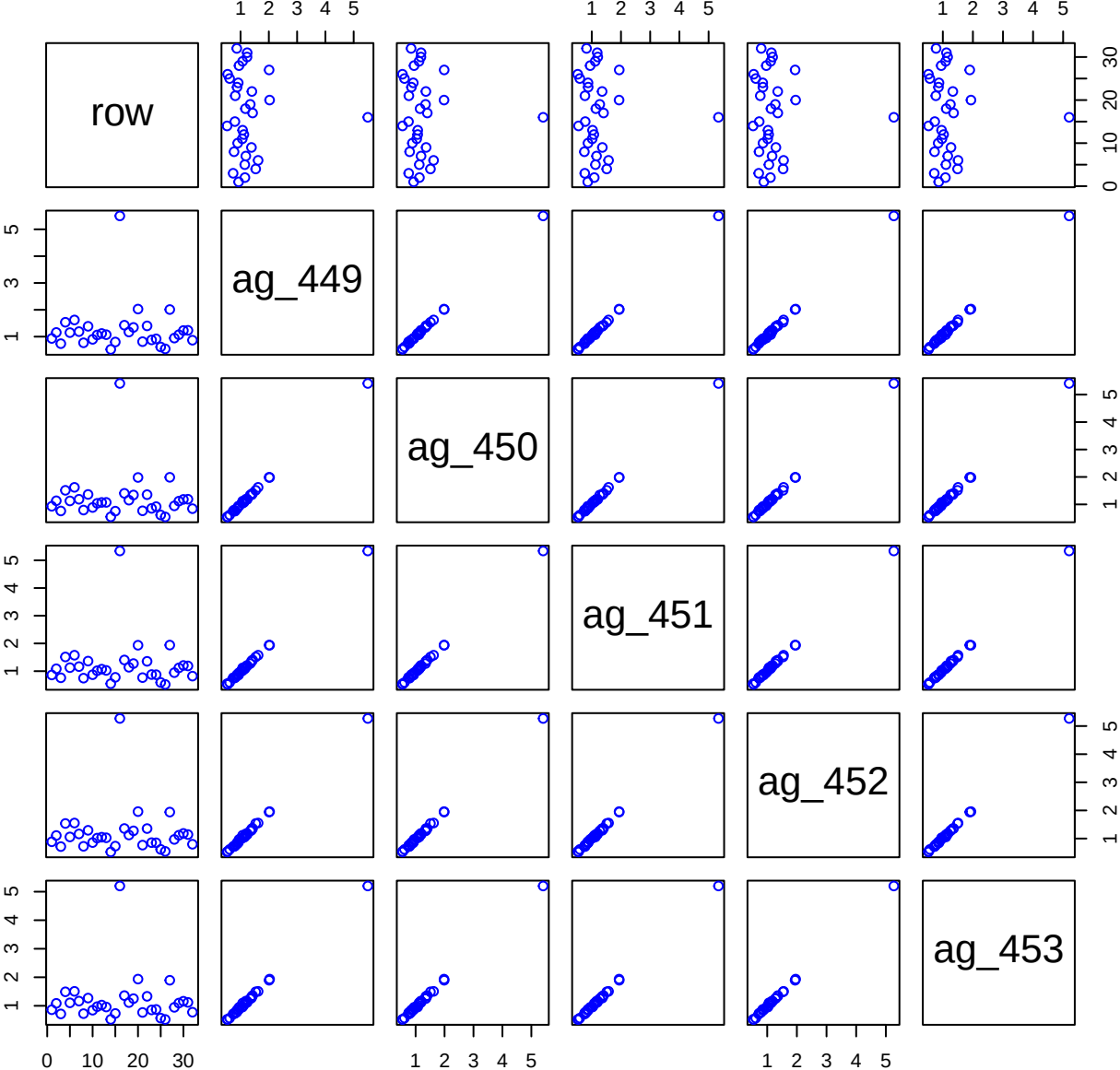
HF459-12 Plot 49



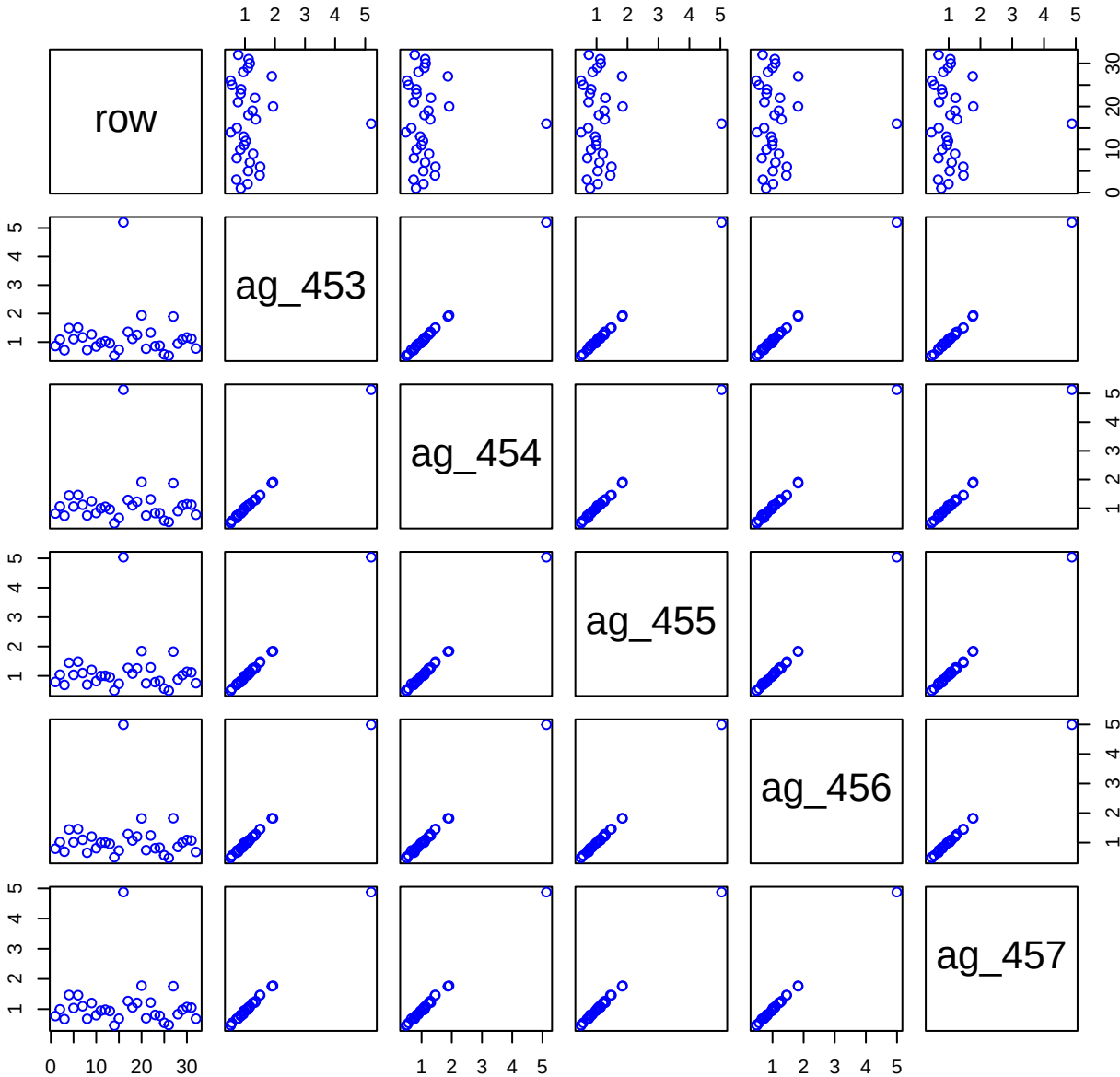
HF459-12 Plot 50



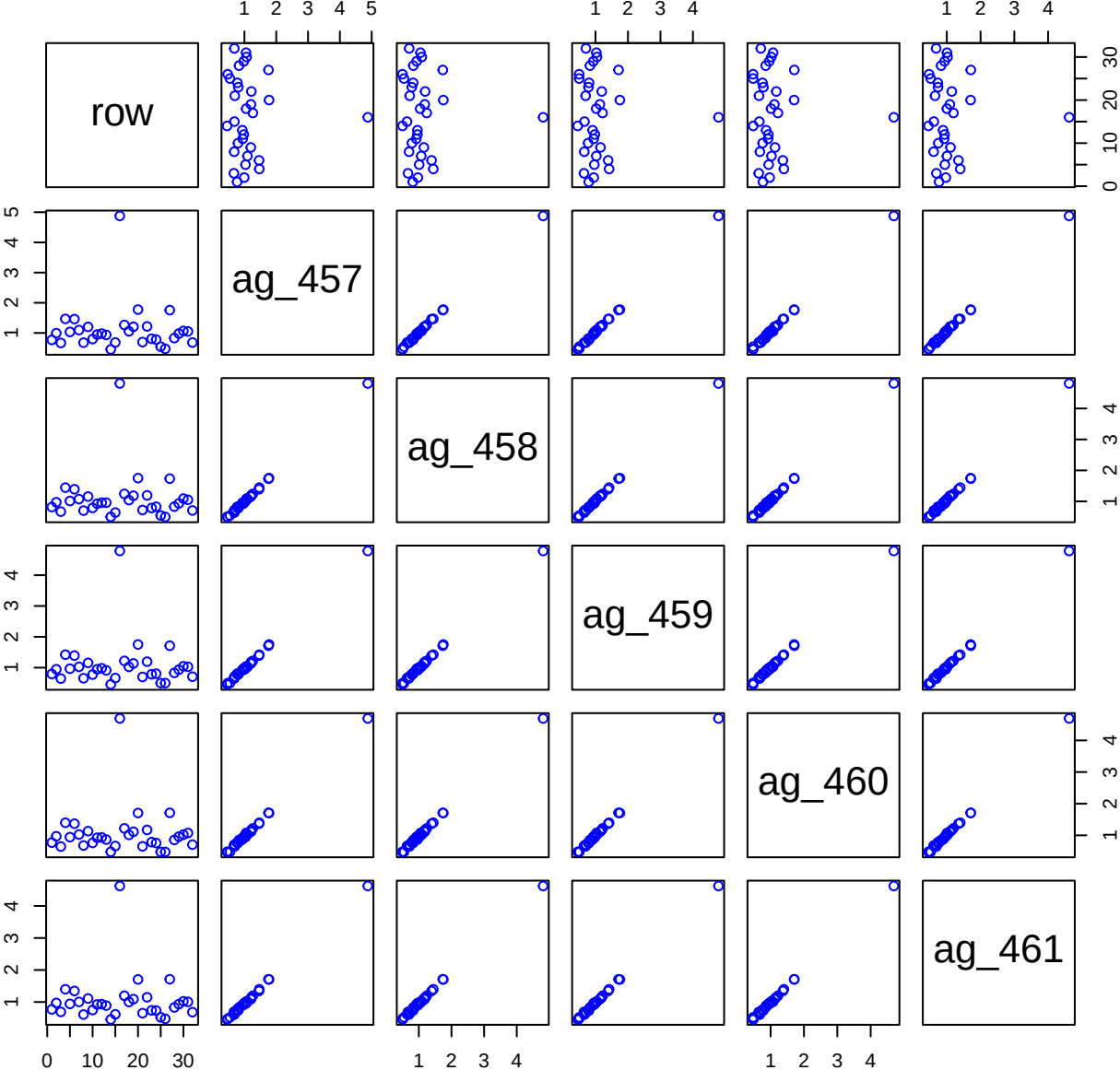
HF459-12 Plot 51



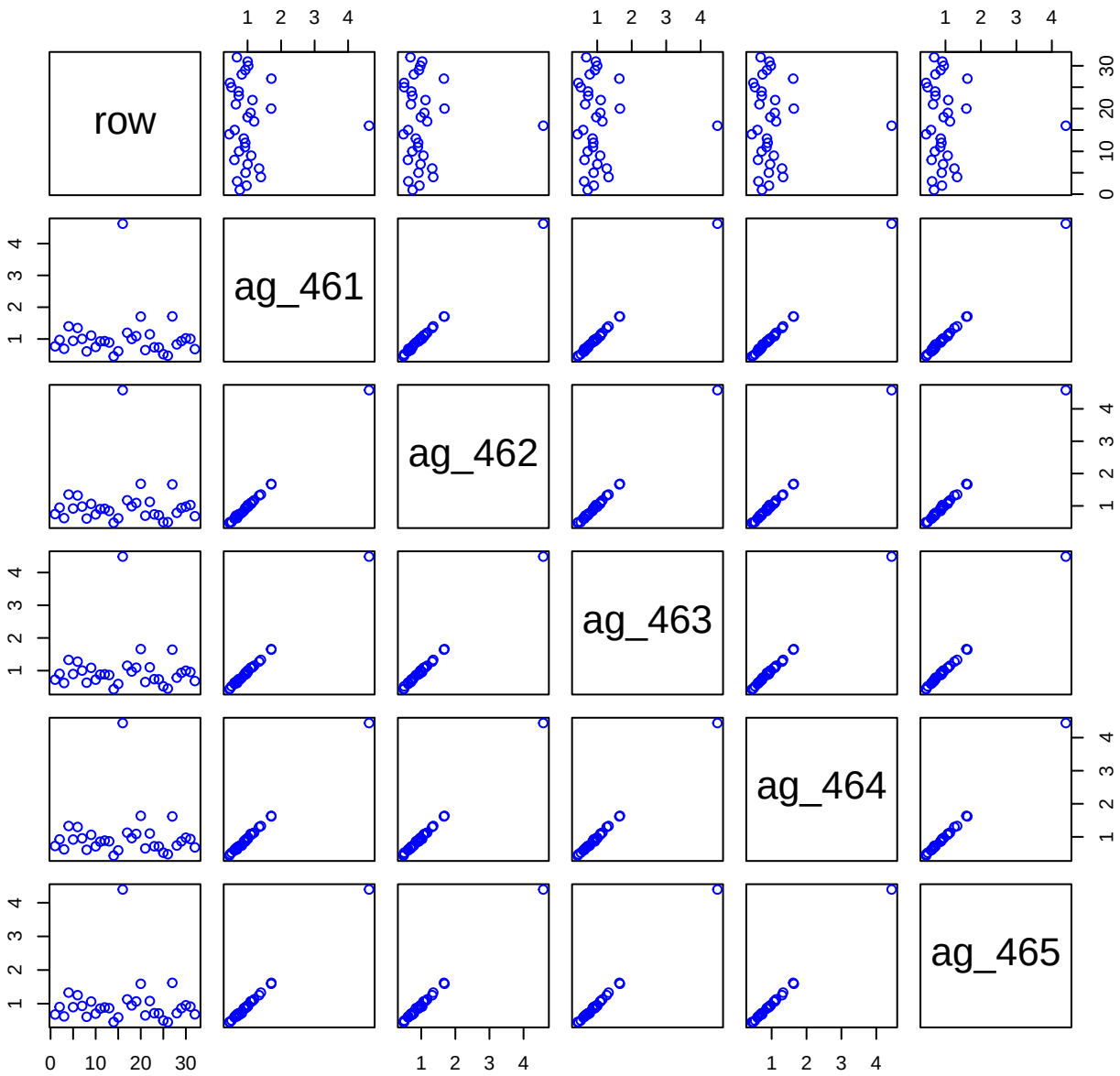
HF459-12 Plot 52



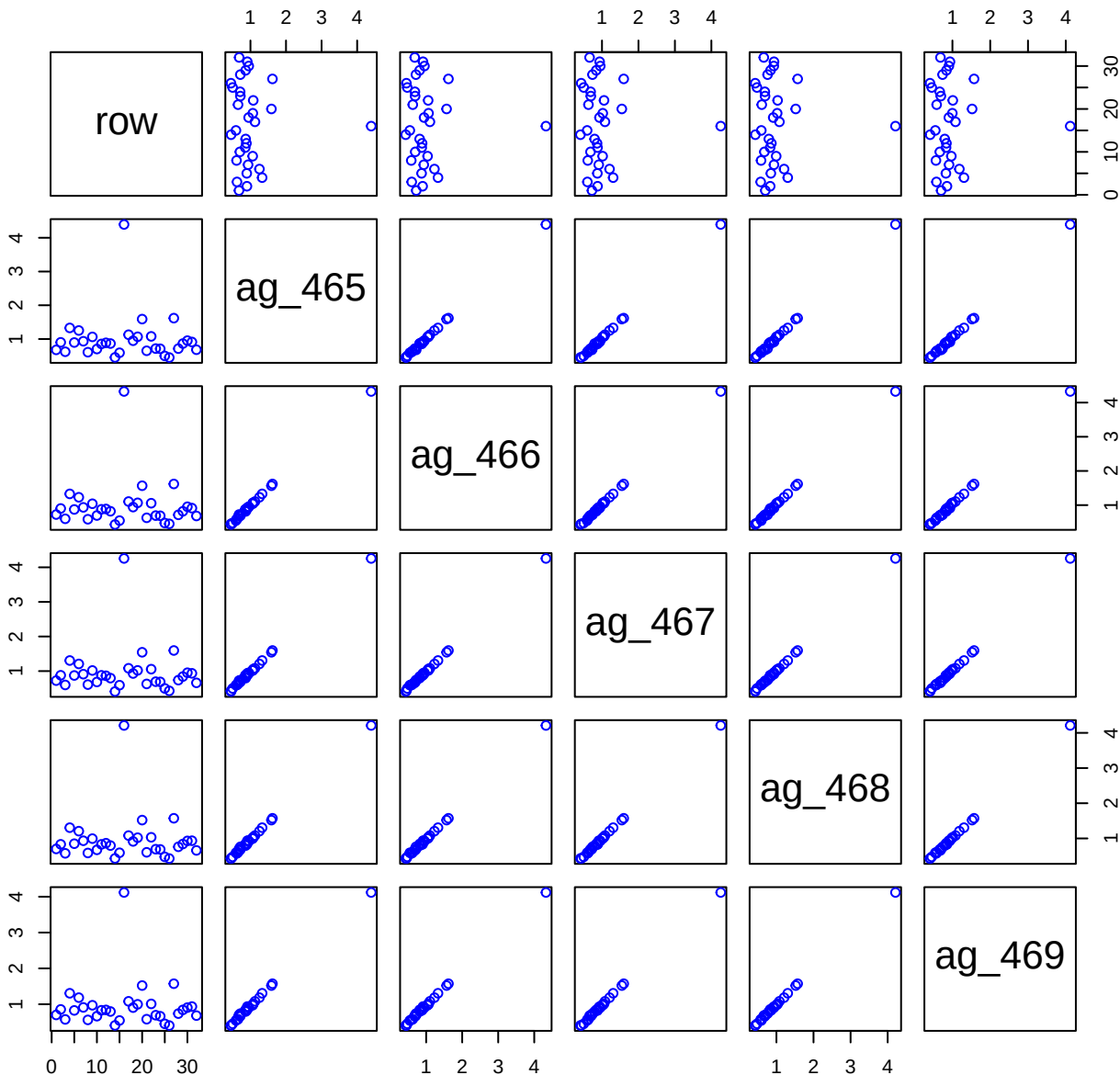
HF459-12 Plot 53



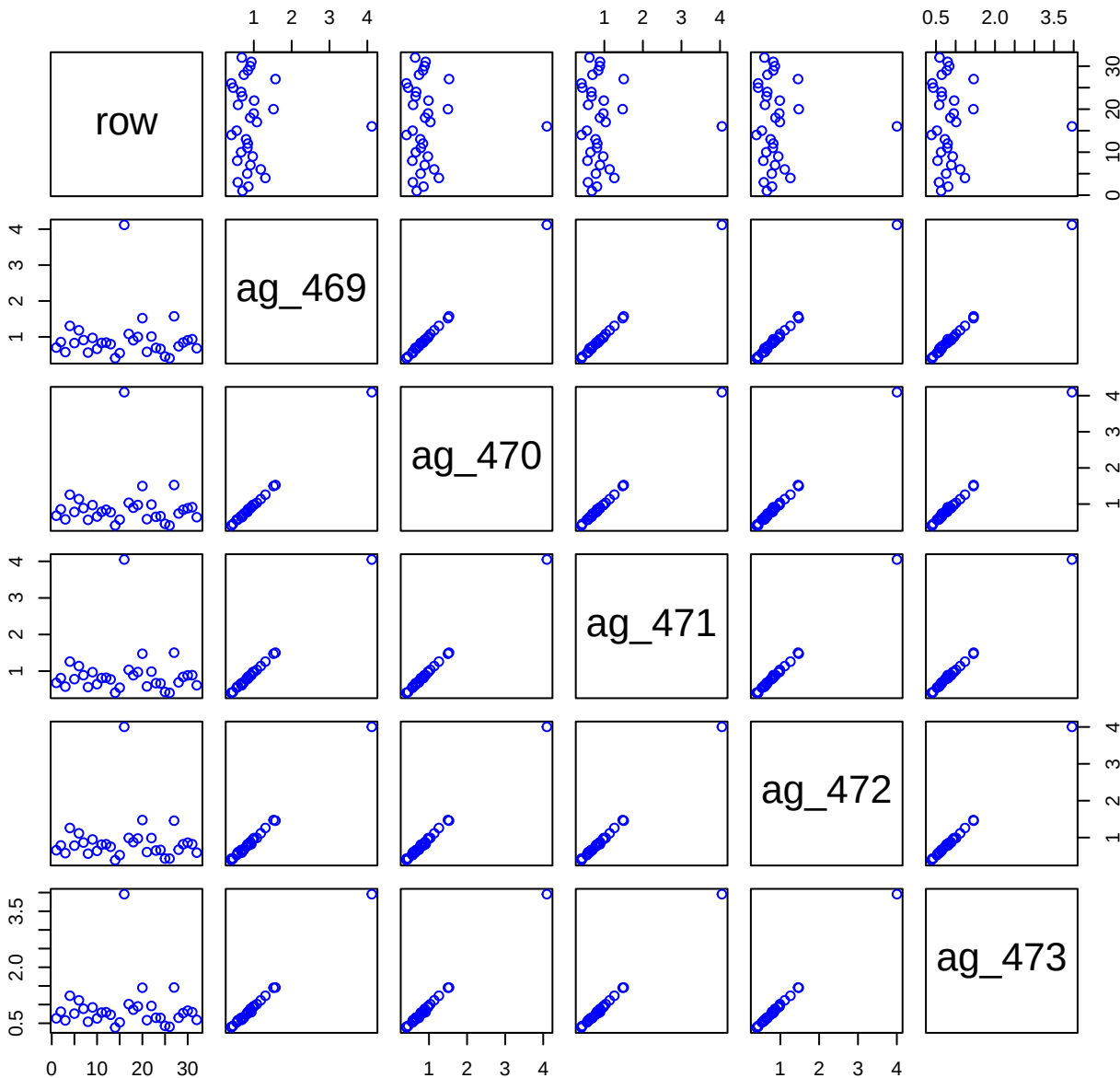
HF459-12 Plot 54



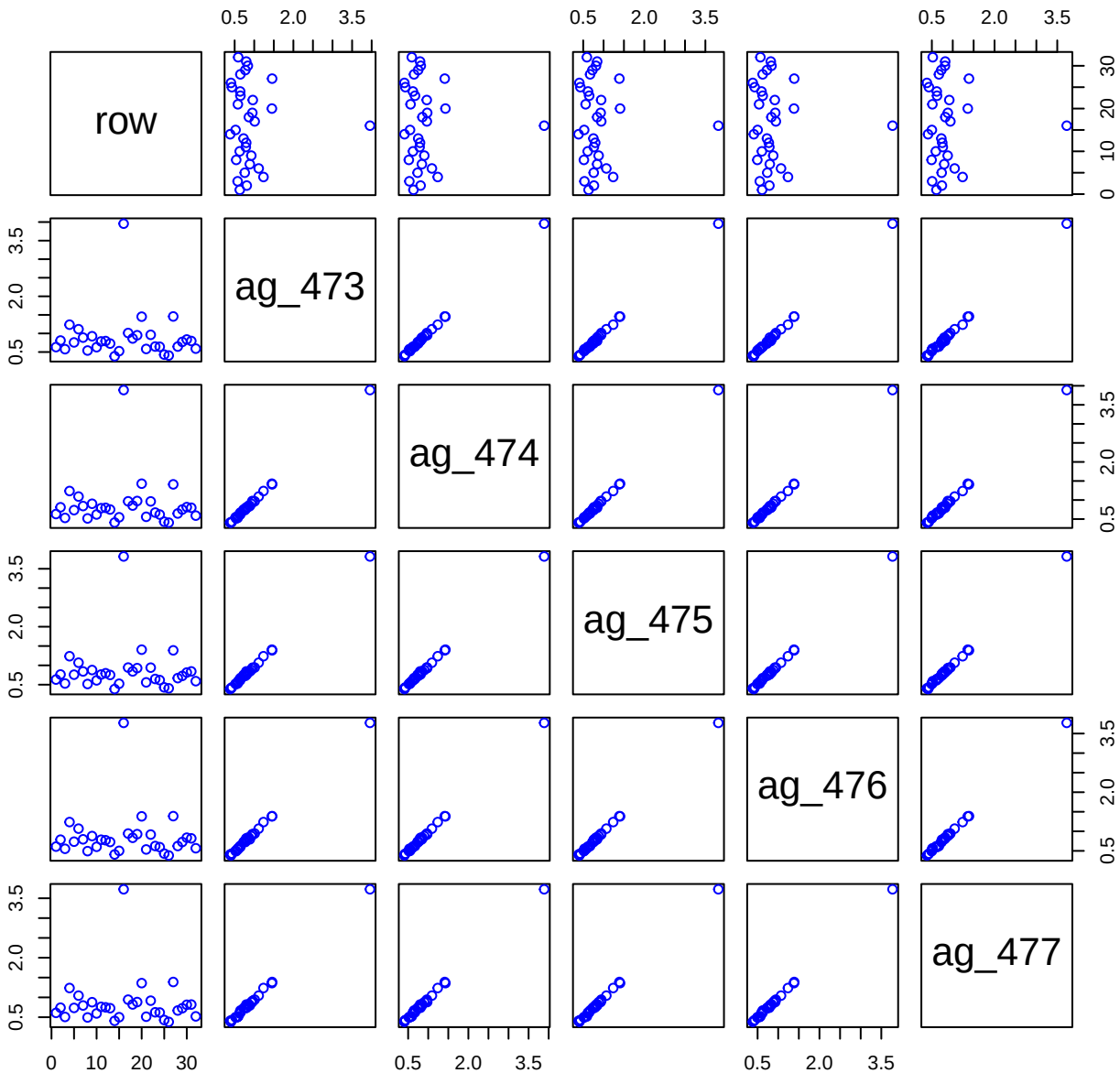
HF459-12 Plot 55



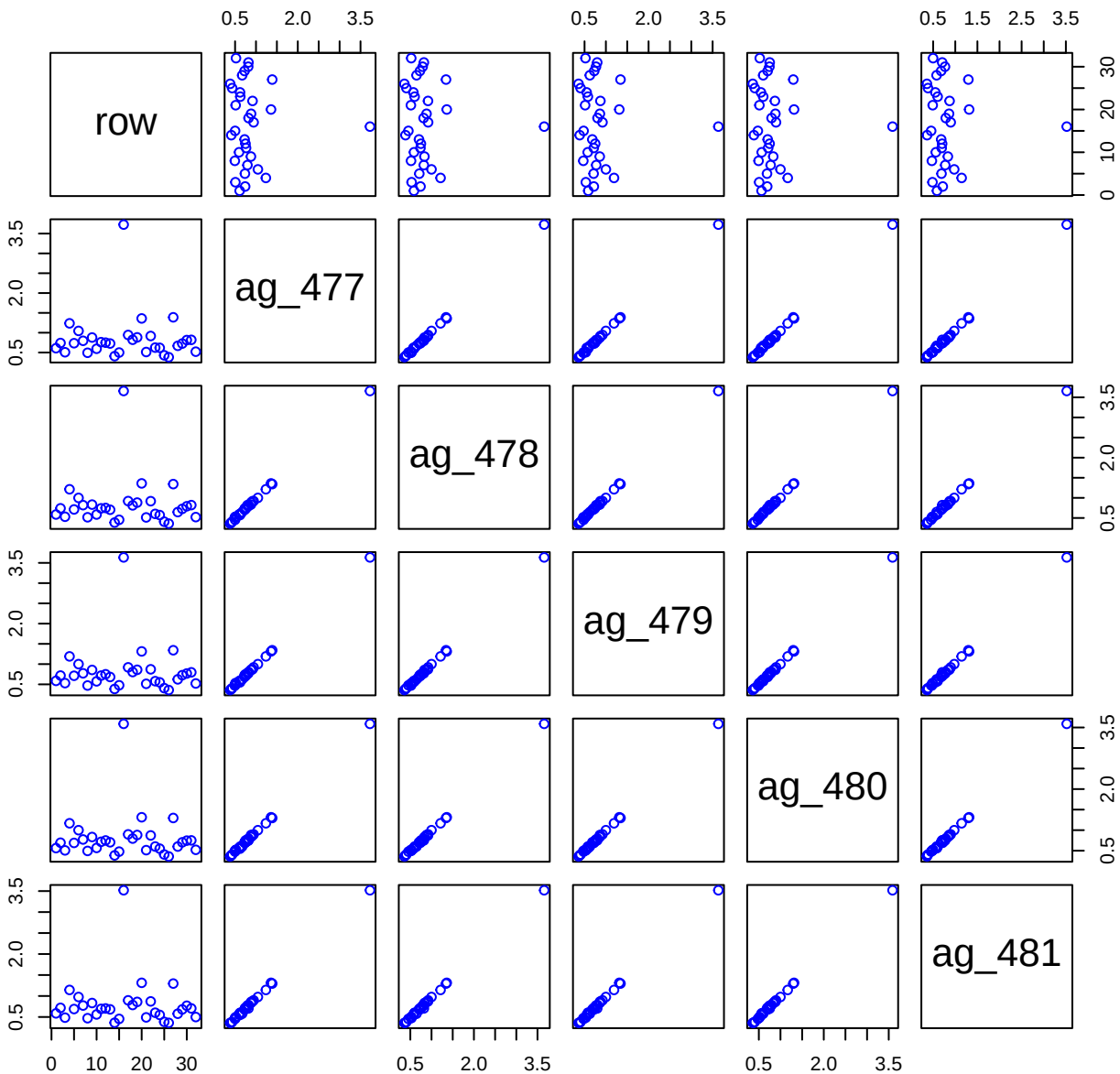
HF459-12 Plot 56



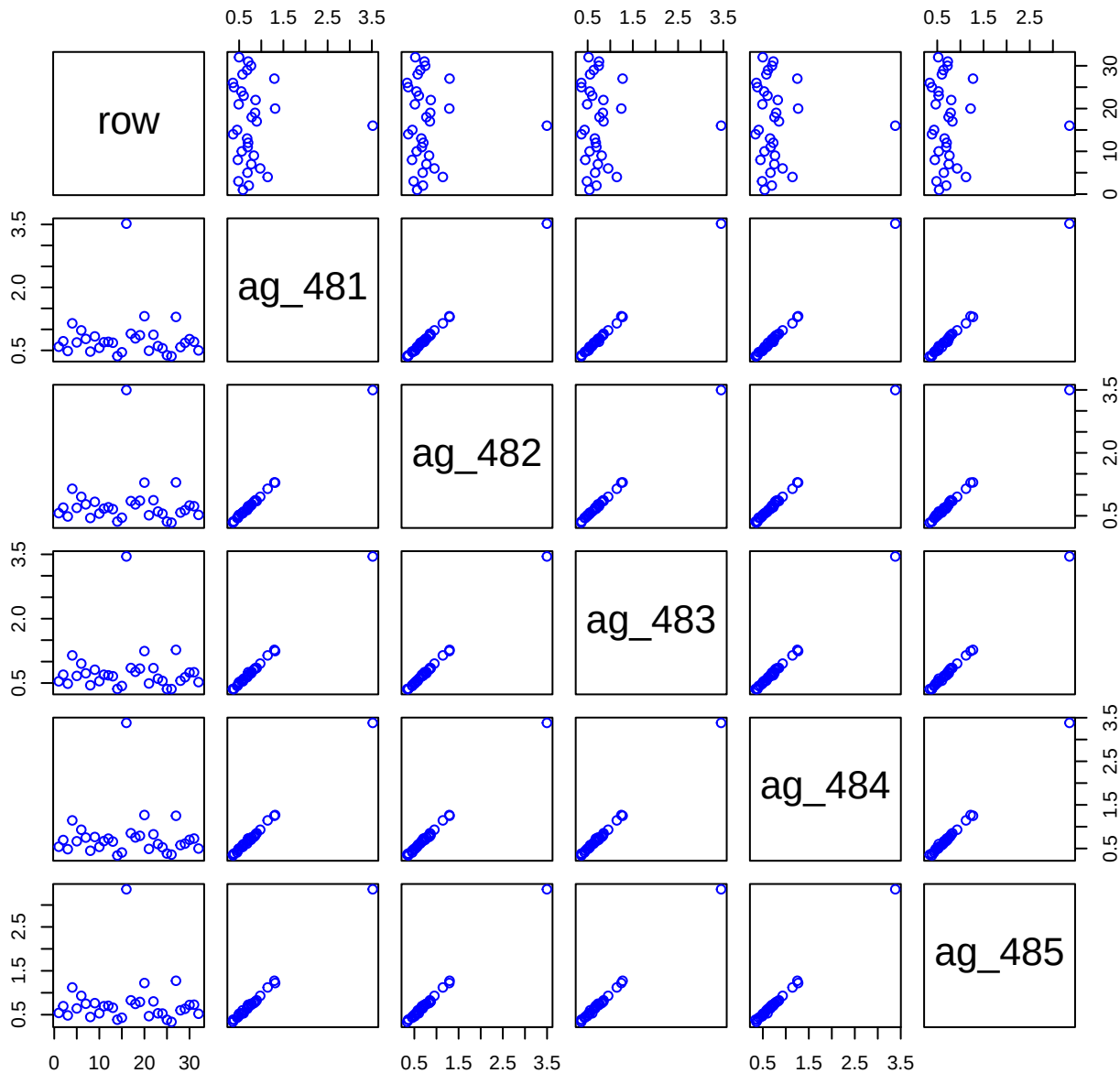
HF459-12 Plot 57



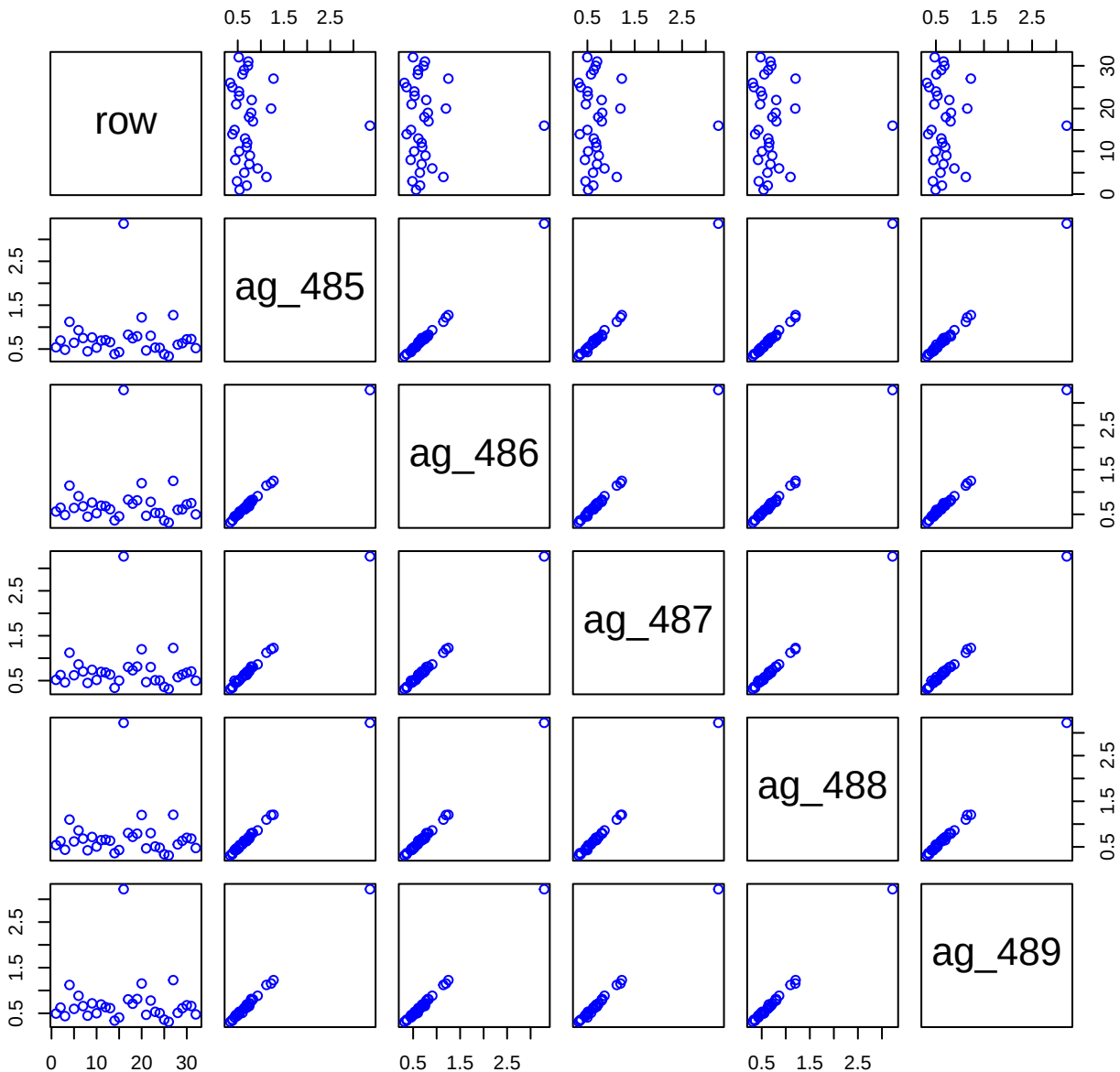
HF459-12 Plot 58



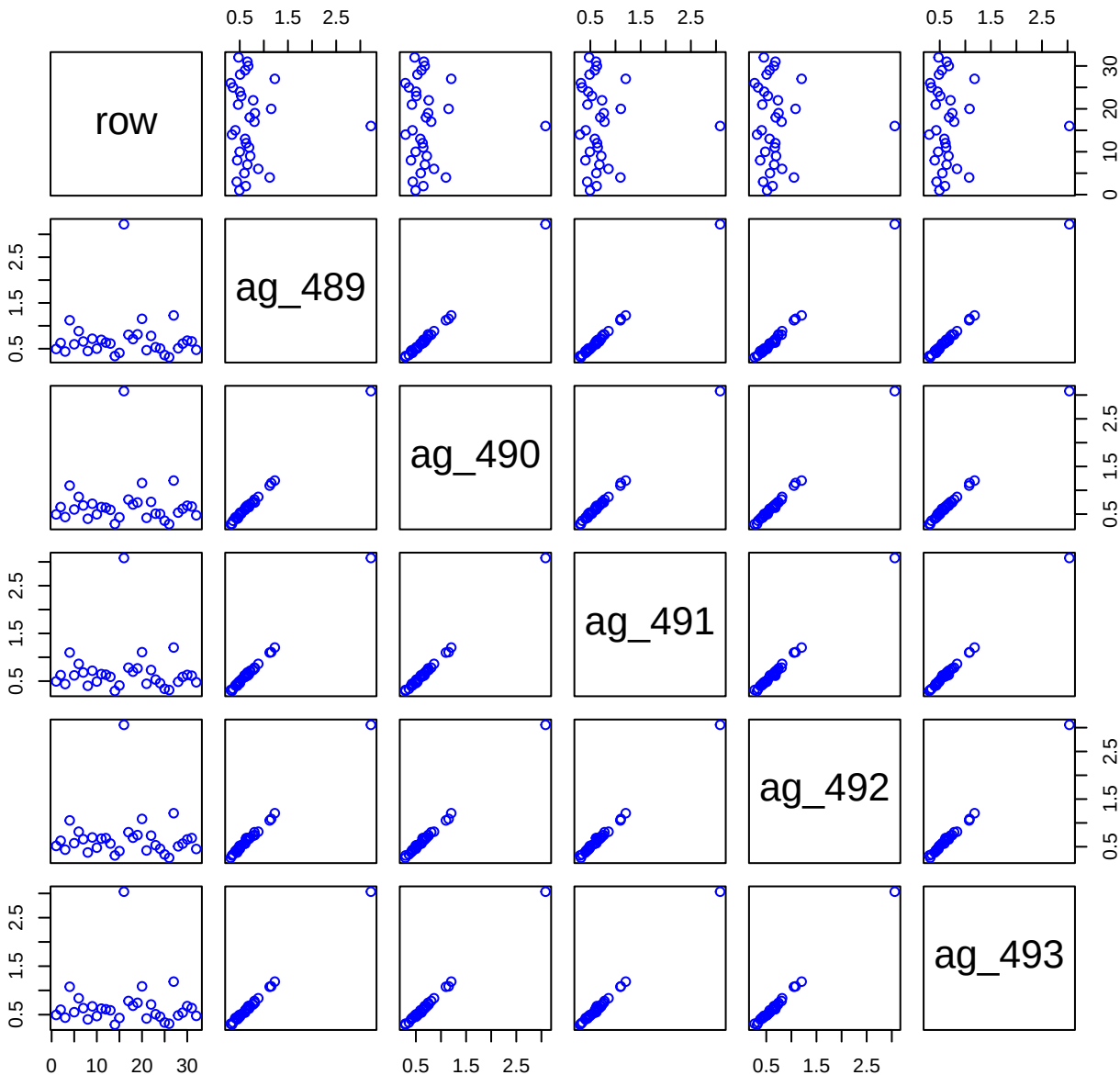
HF459-12 Plot 59



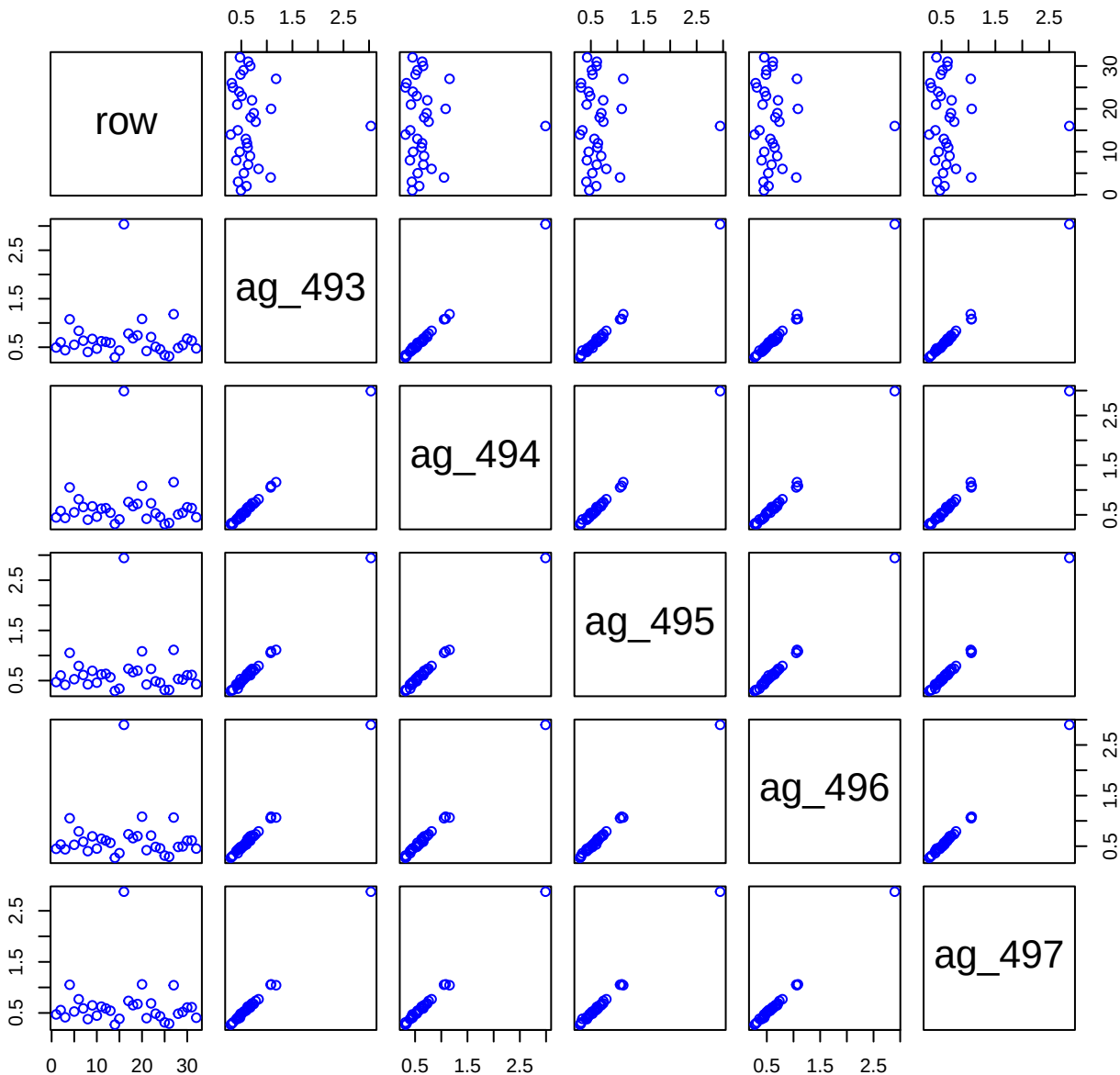
HF459-12 Plot 60



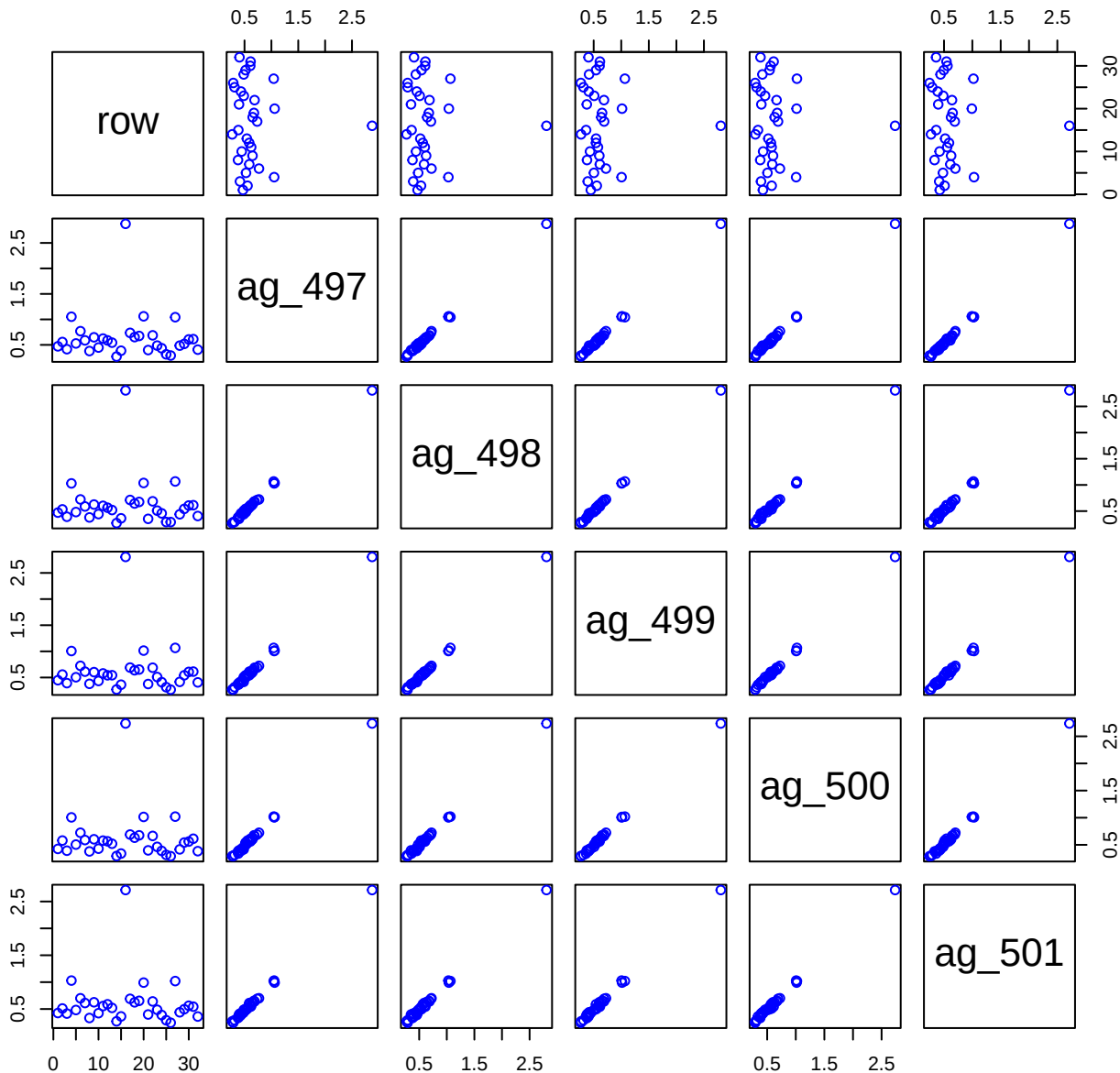
HF459-12 Plot 61



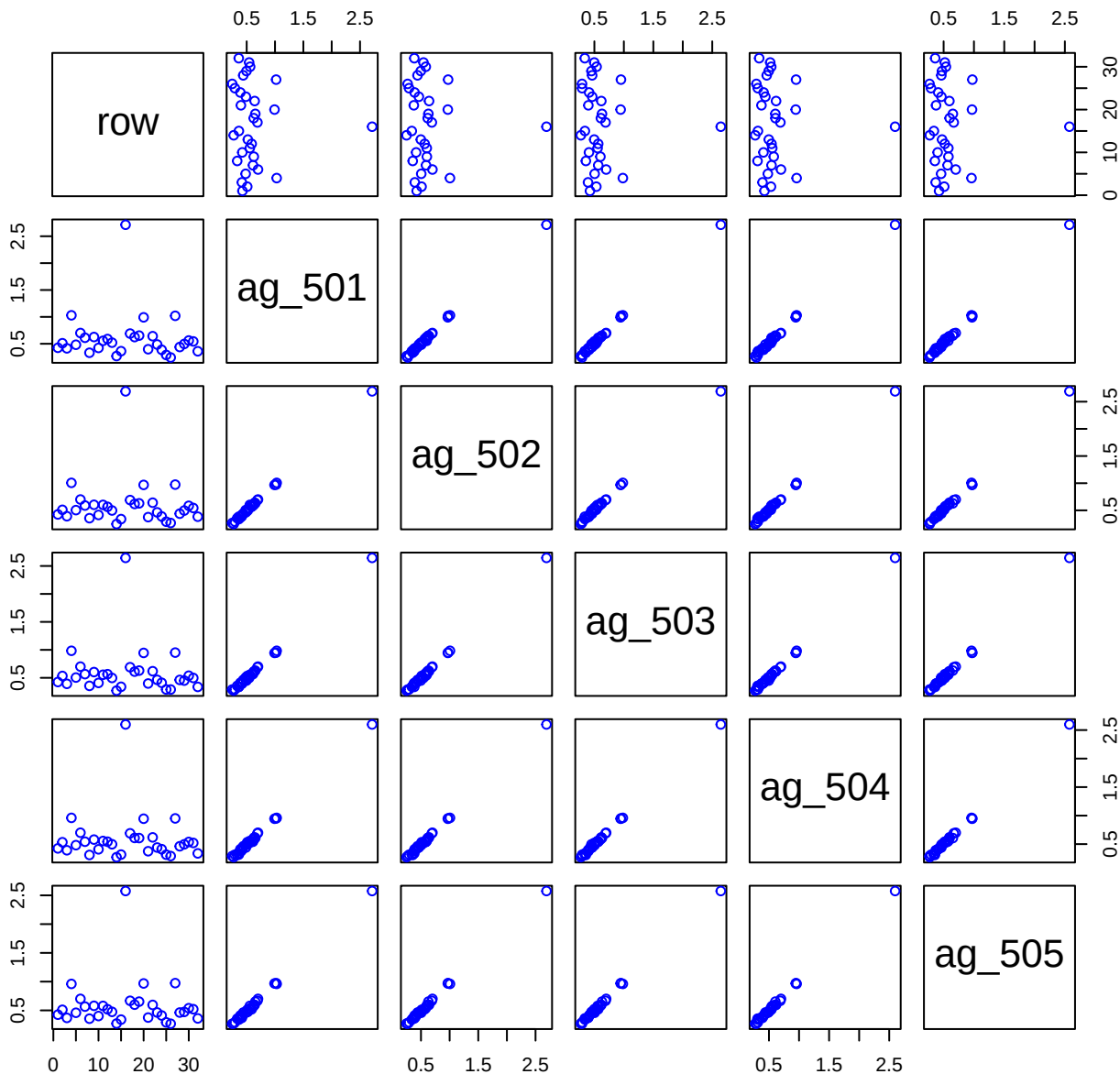
HF459-12 Plot 62



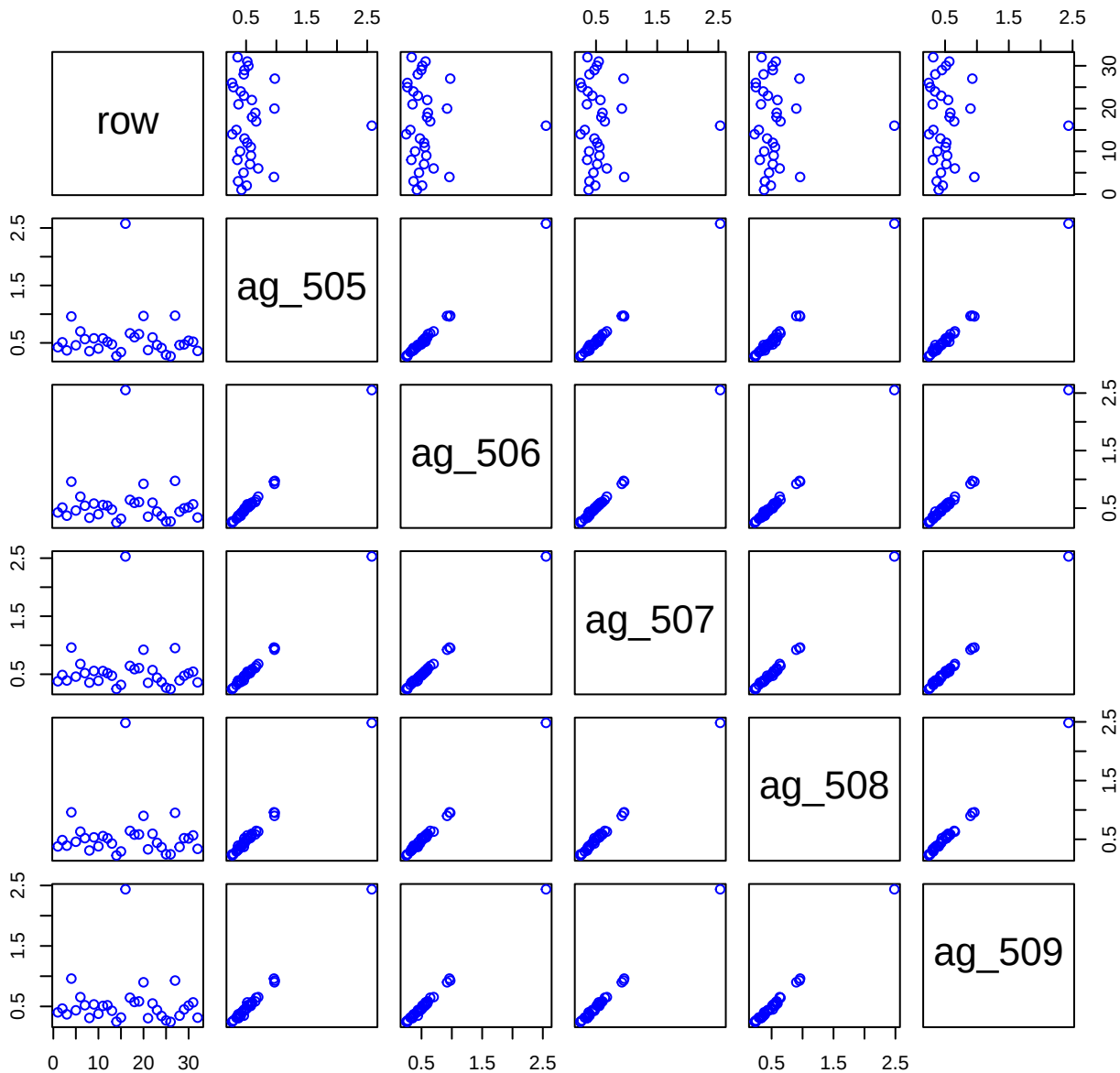
HF459-12 Plot 63



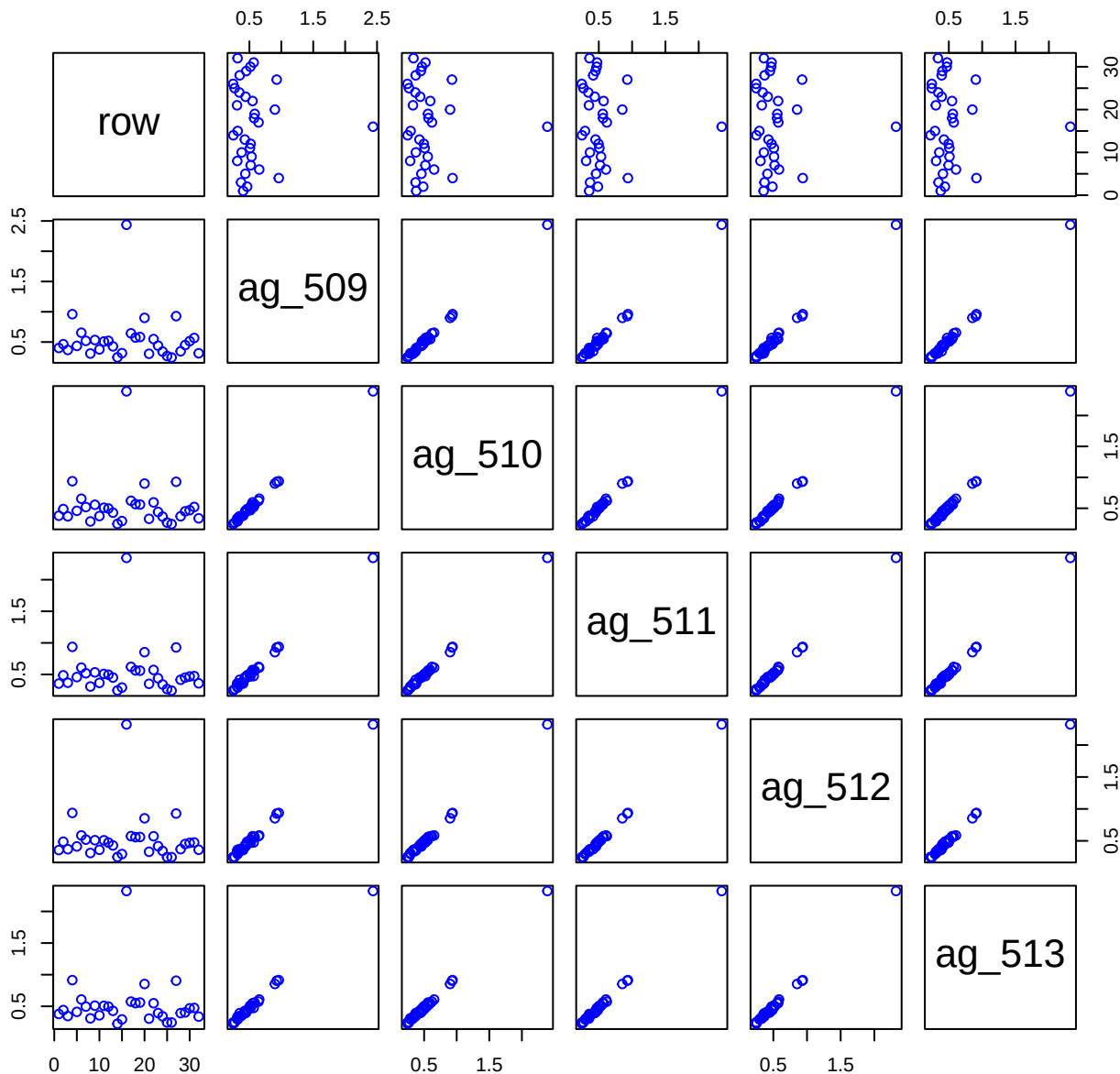
HF459-12 Plot 64



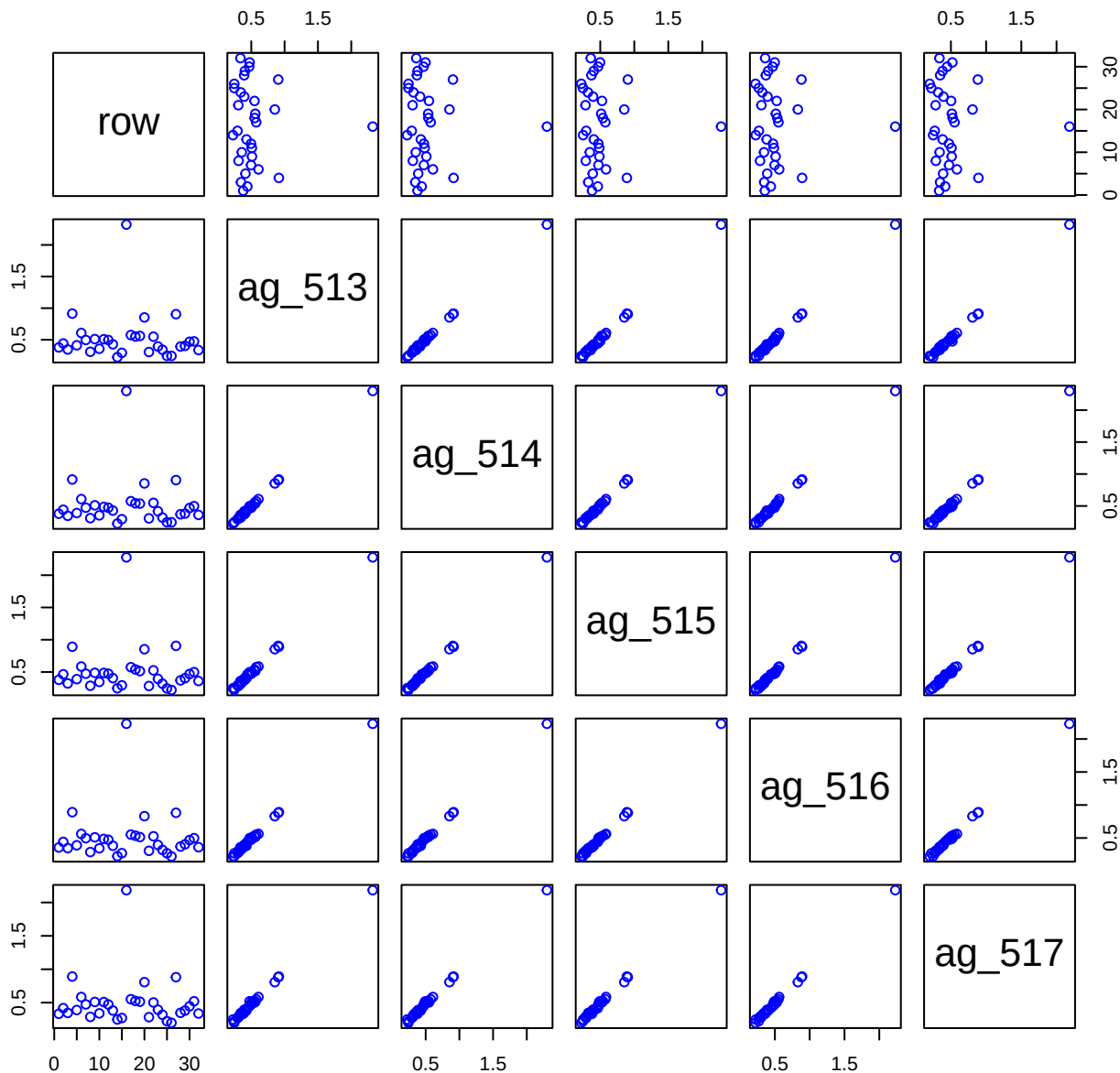
HF459-12 Plot 65



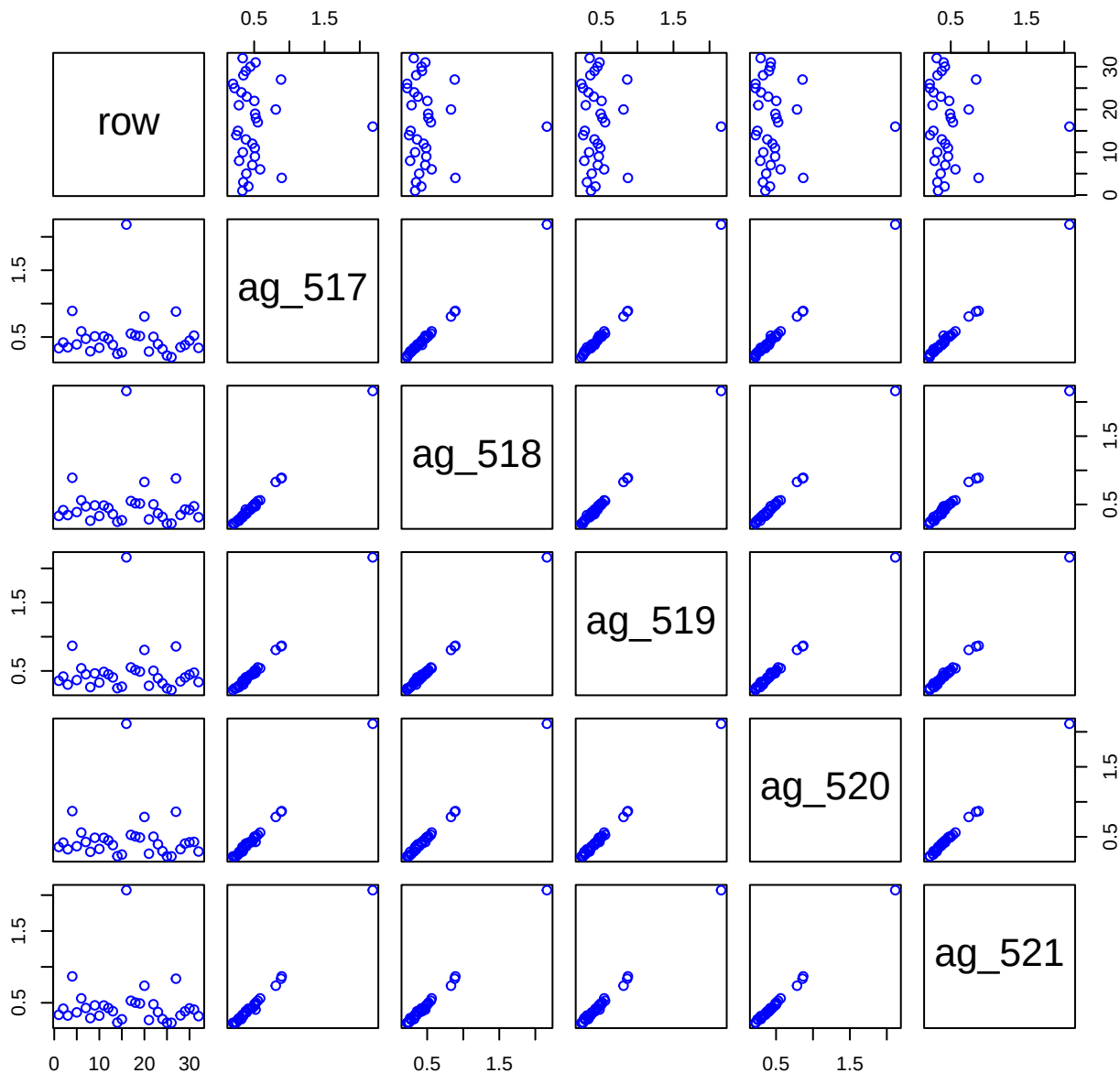
HF459-12 Plot 66



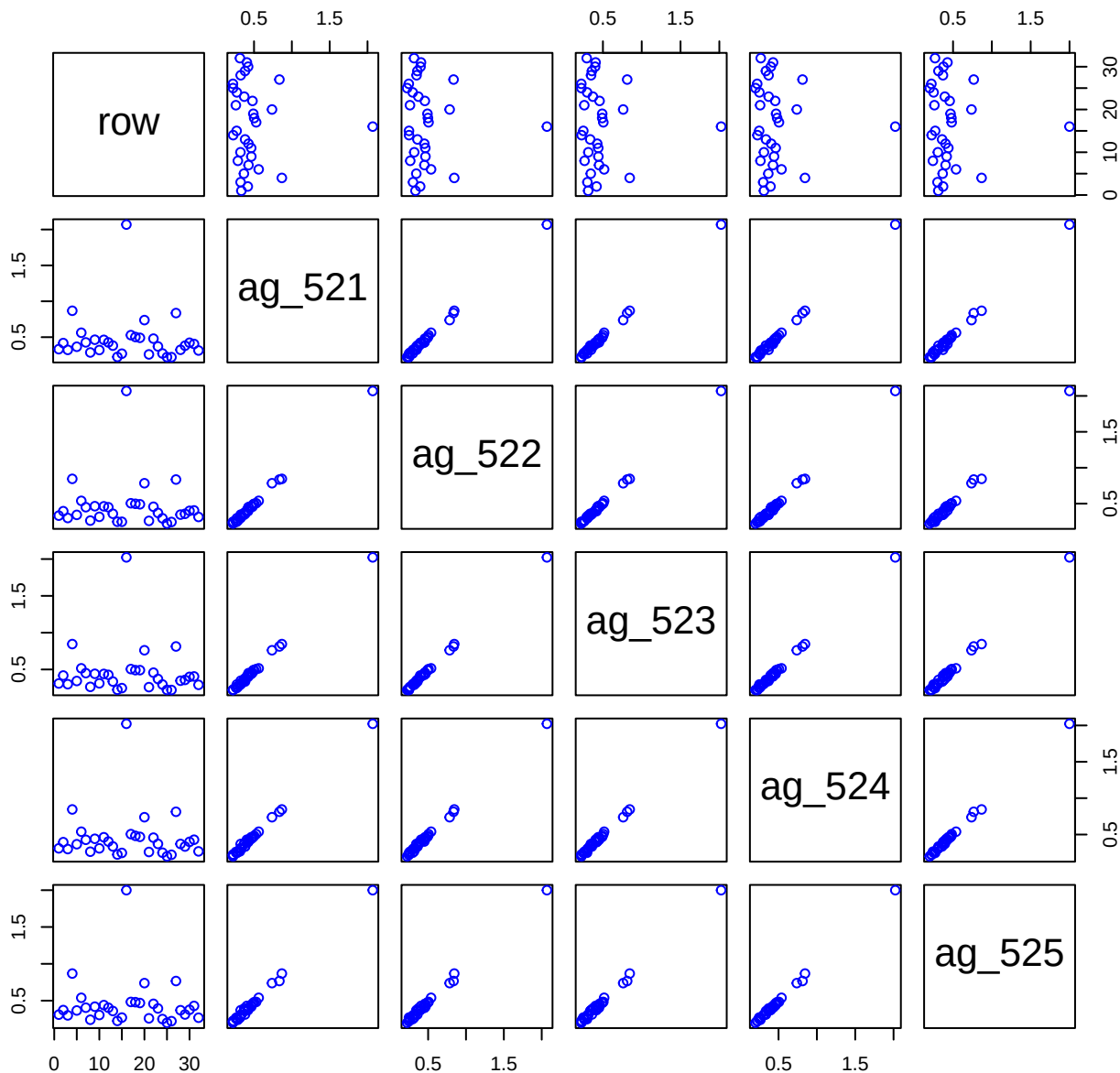
HF459-12 Plot 67



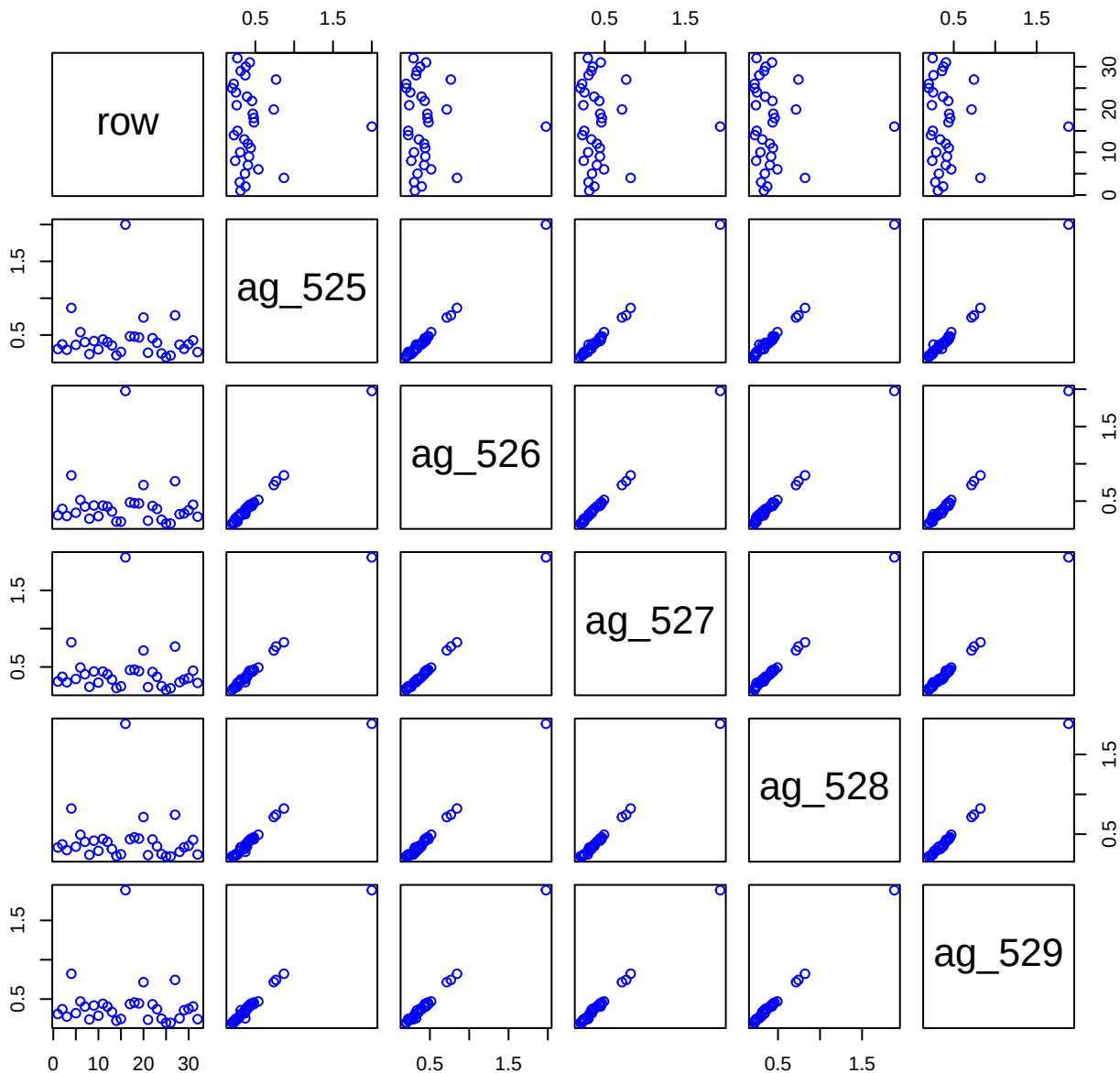
HF459-12 Plot 68



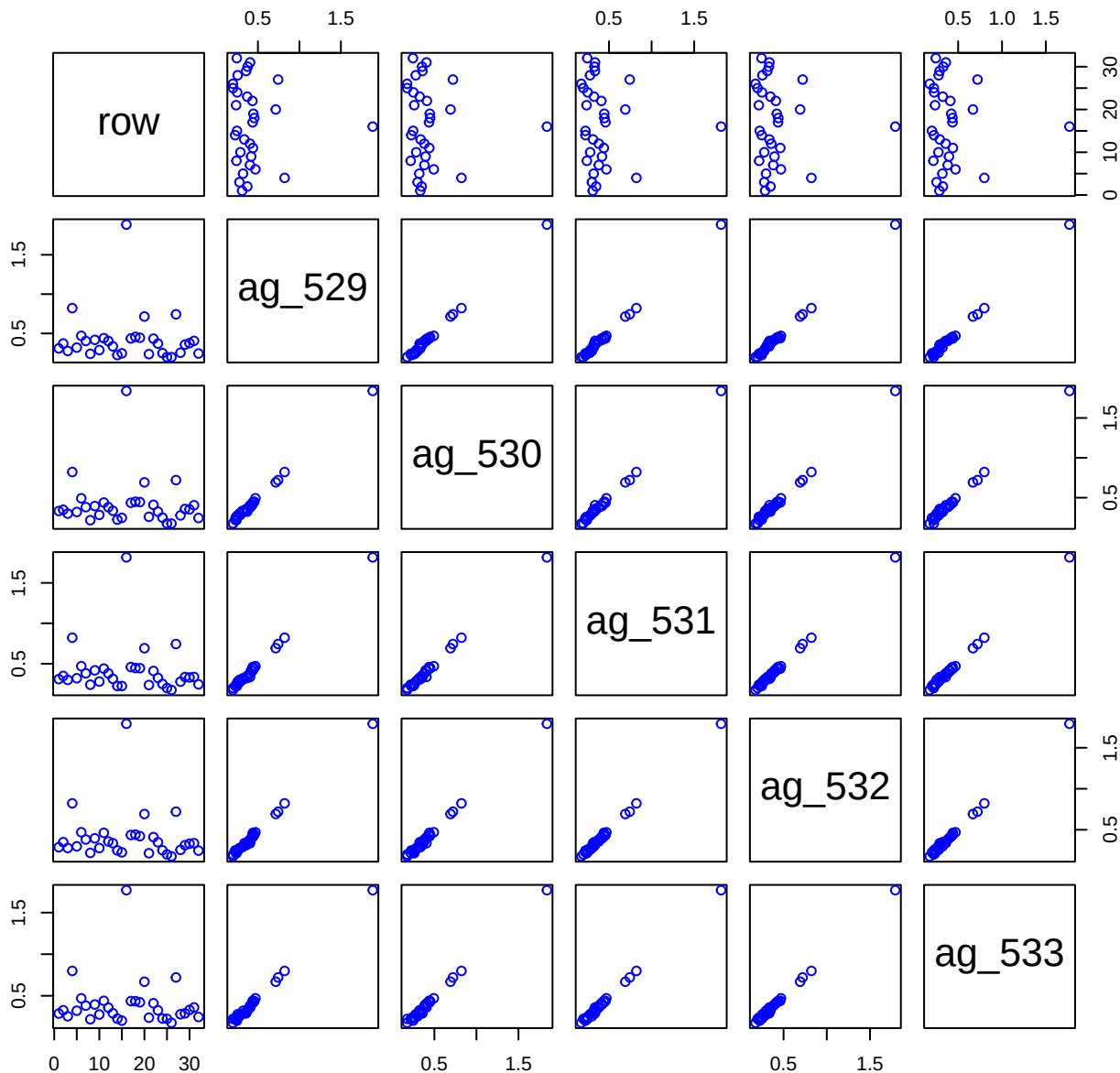
HF459-12 Plot 69



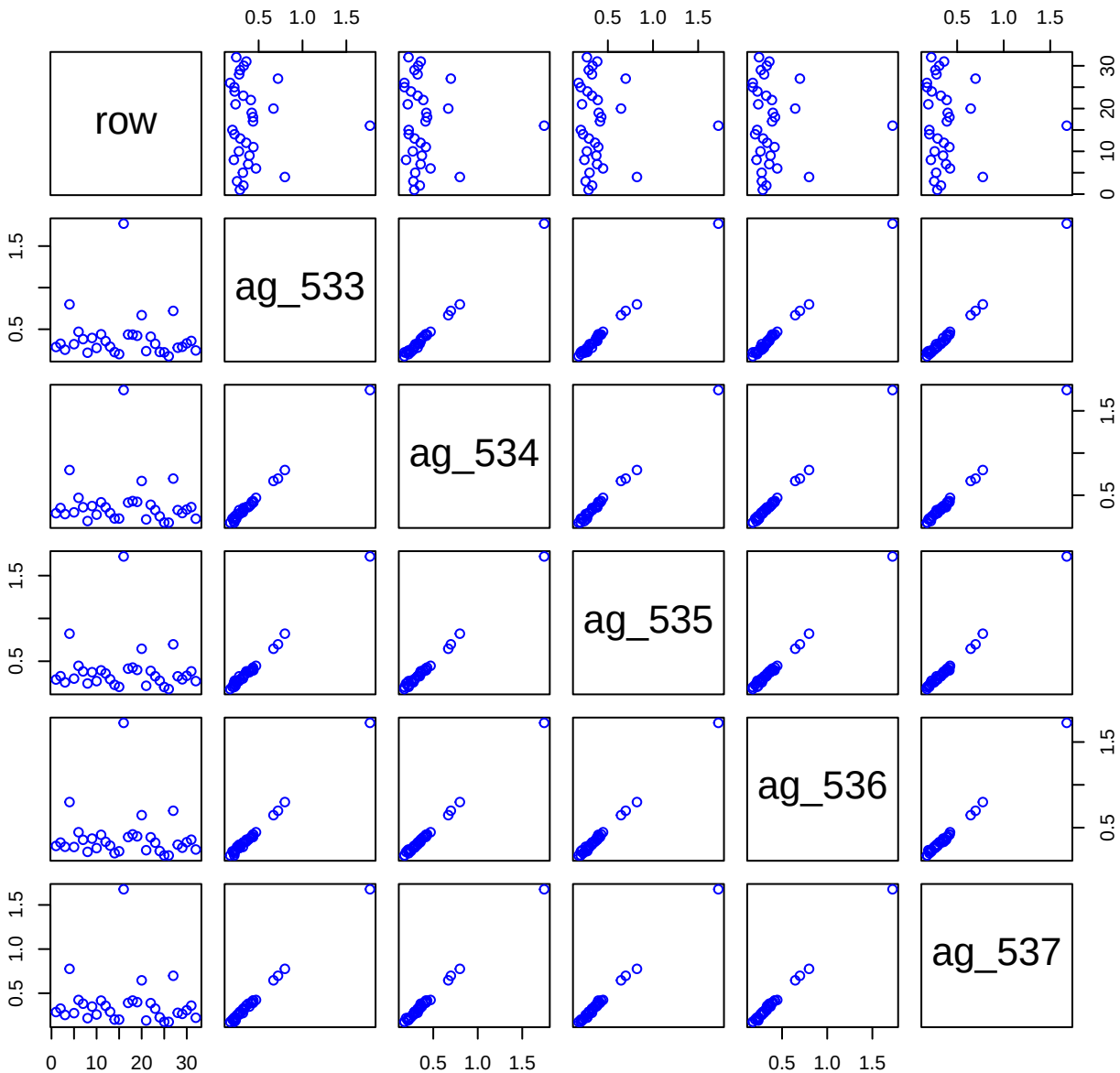
HF459-12 Plot 70



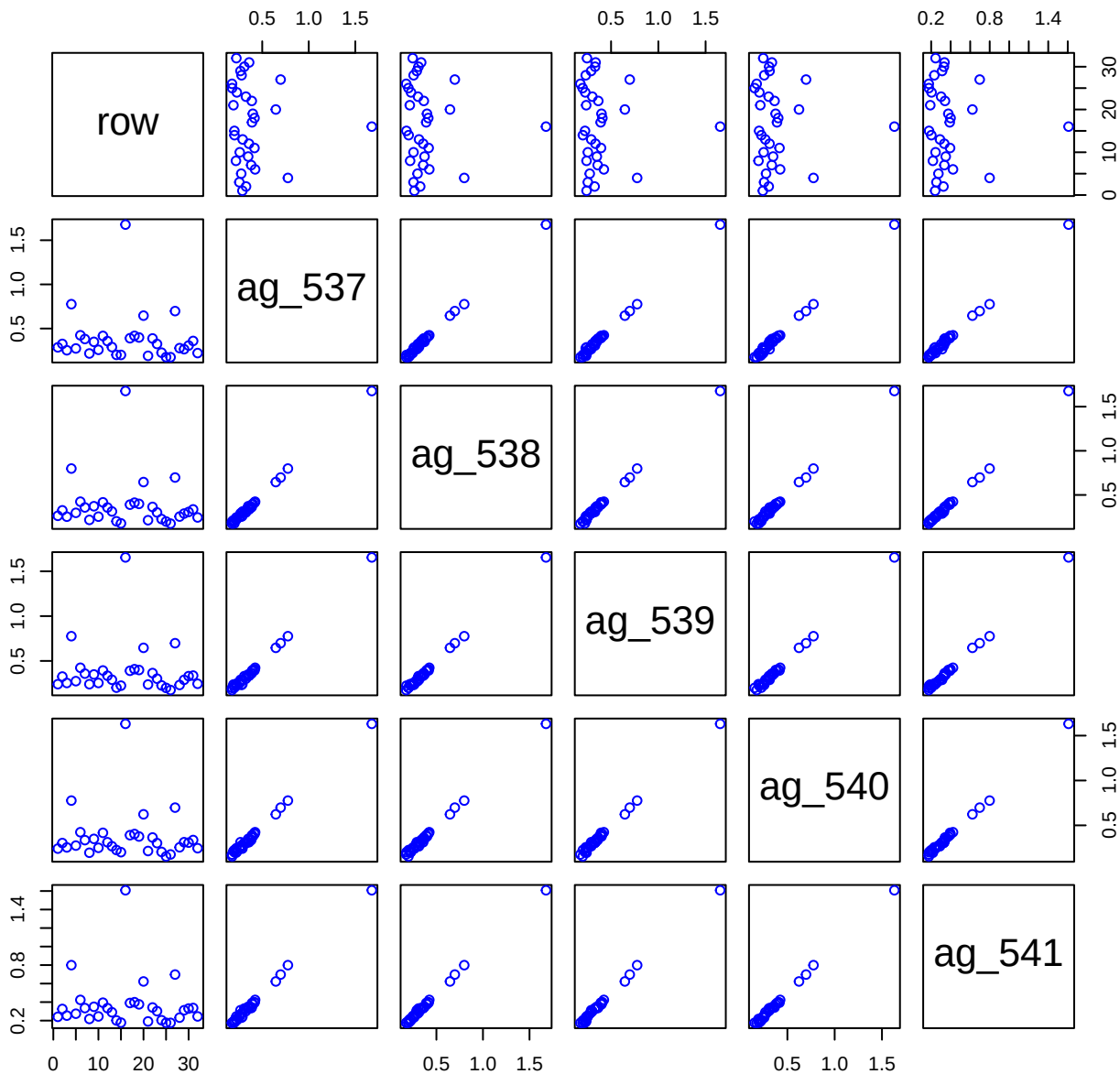
HF459-12 Plot 71



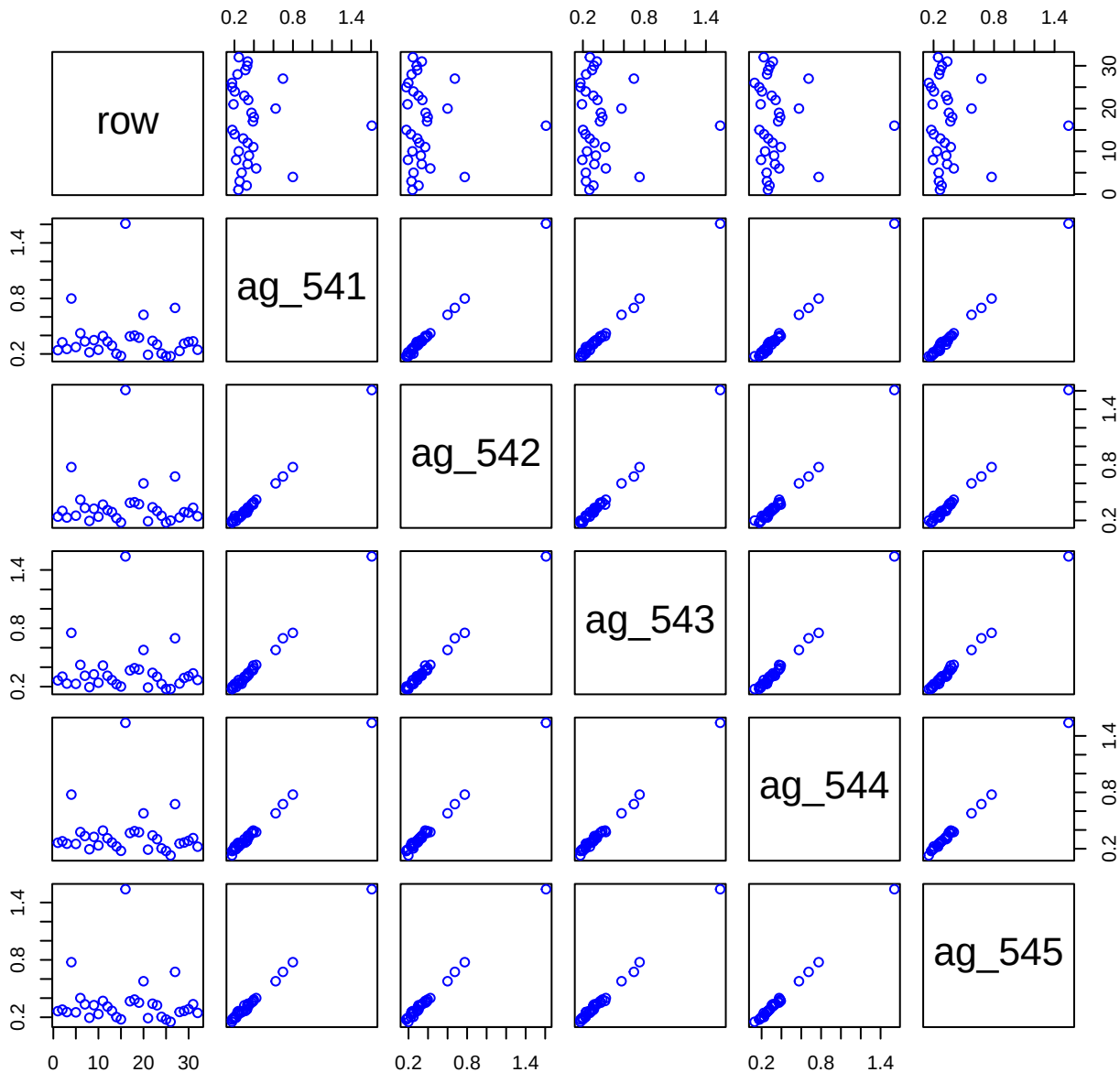
HF459-12 Plot 72



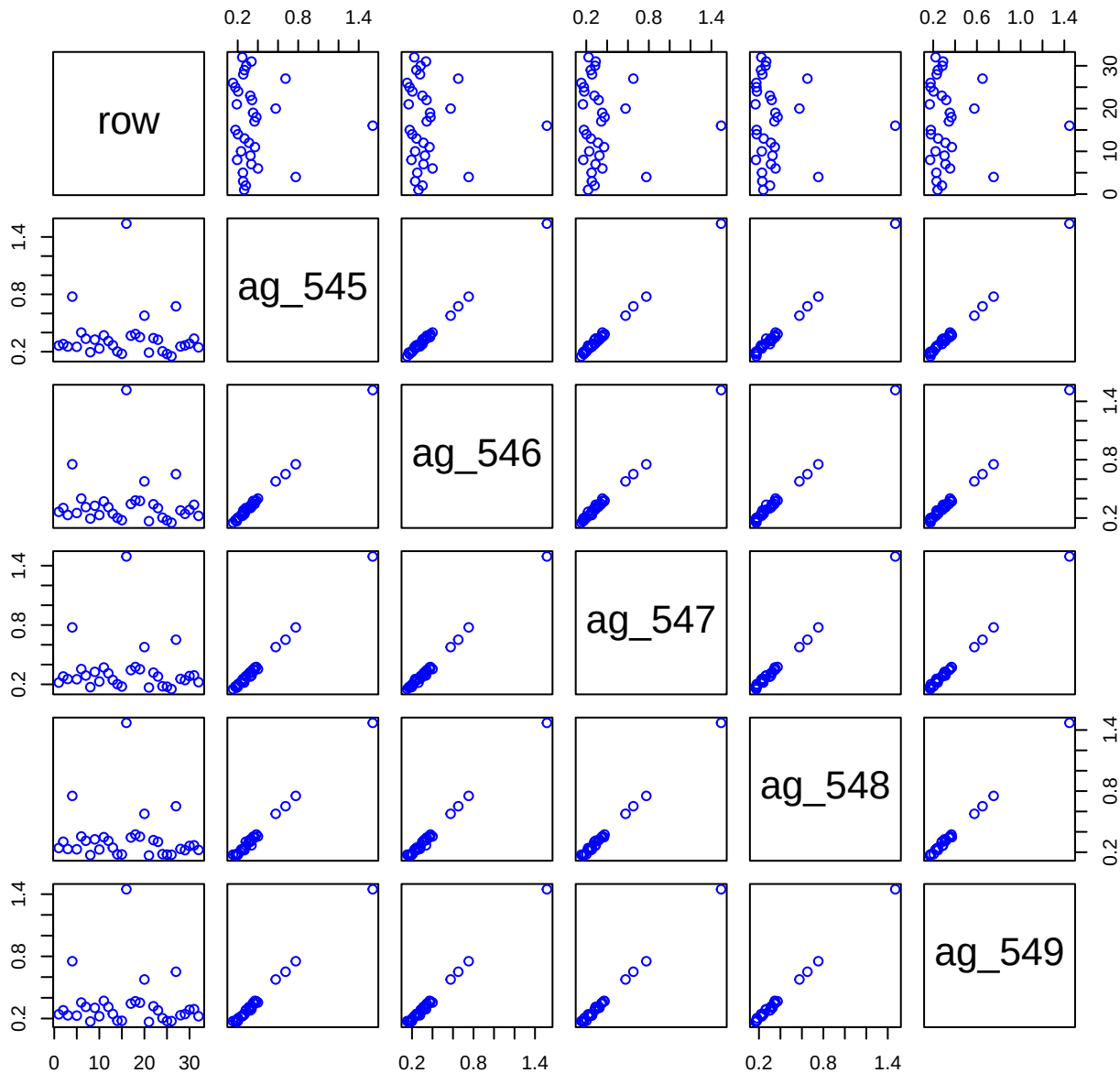
HF459-12 Plot 73



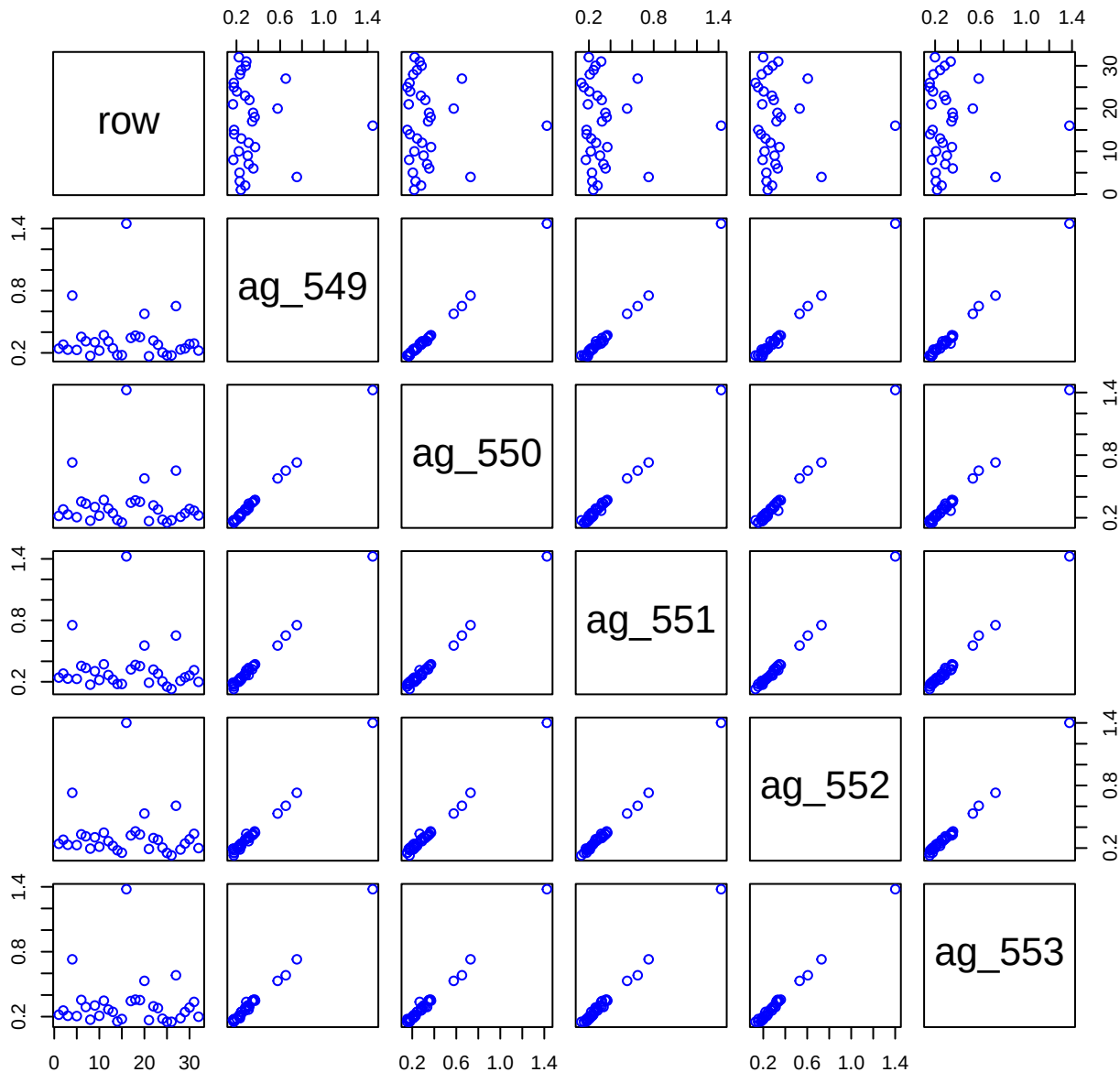
HF459-12 Plot 74



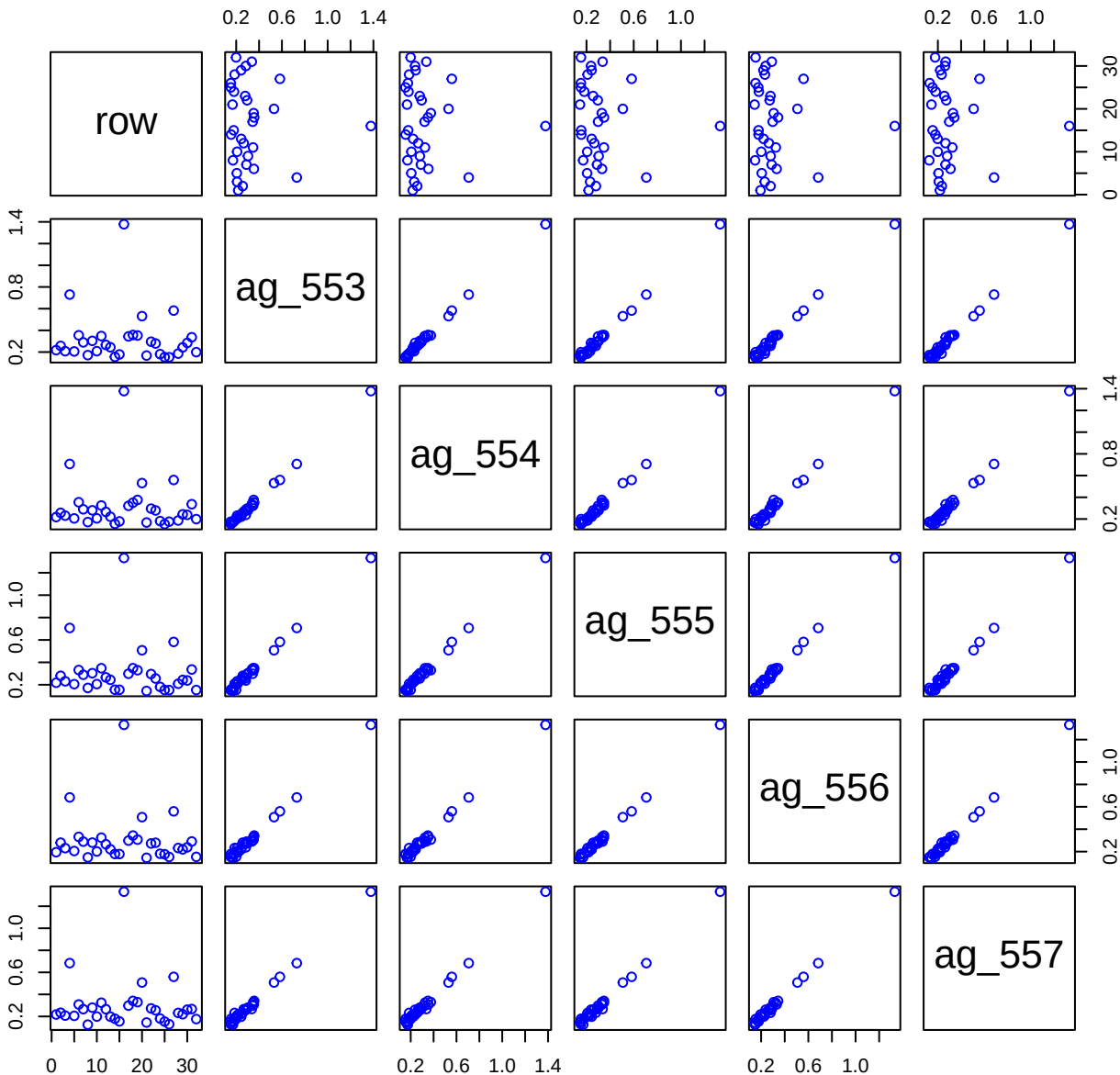
HF459-12 Plot 75



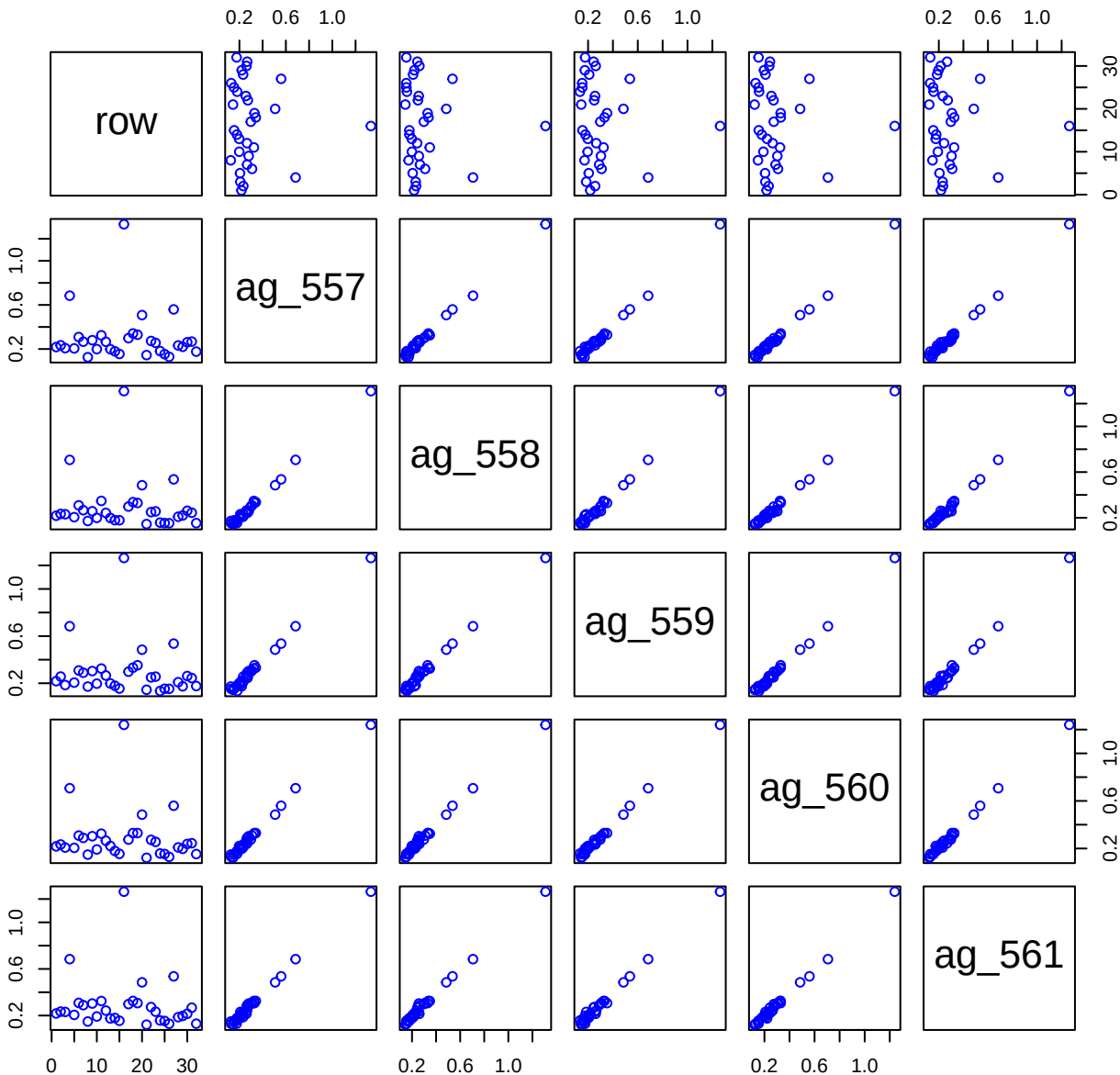
HF459-12 Plot 76



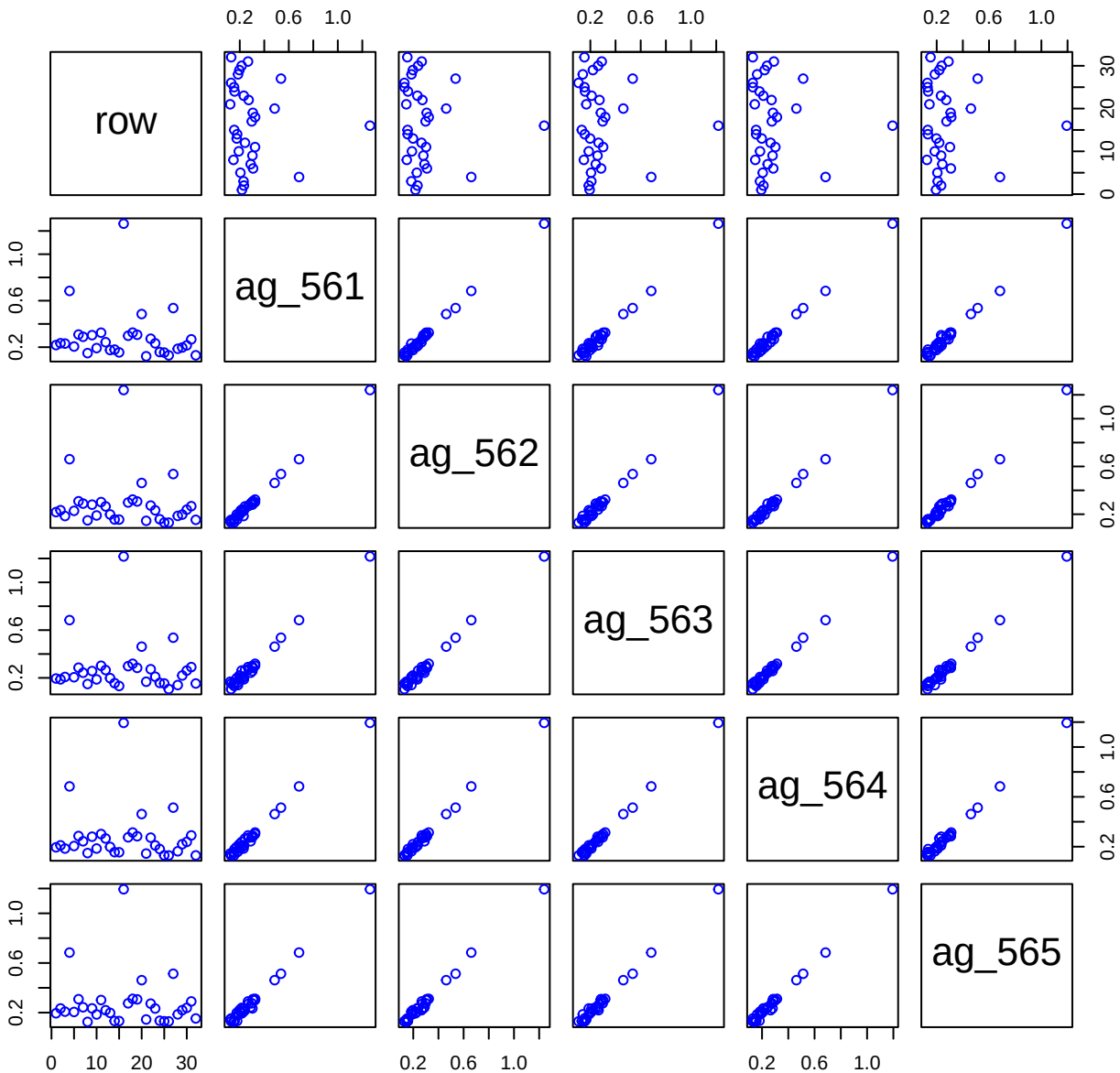
HF459-12 Plot 77



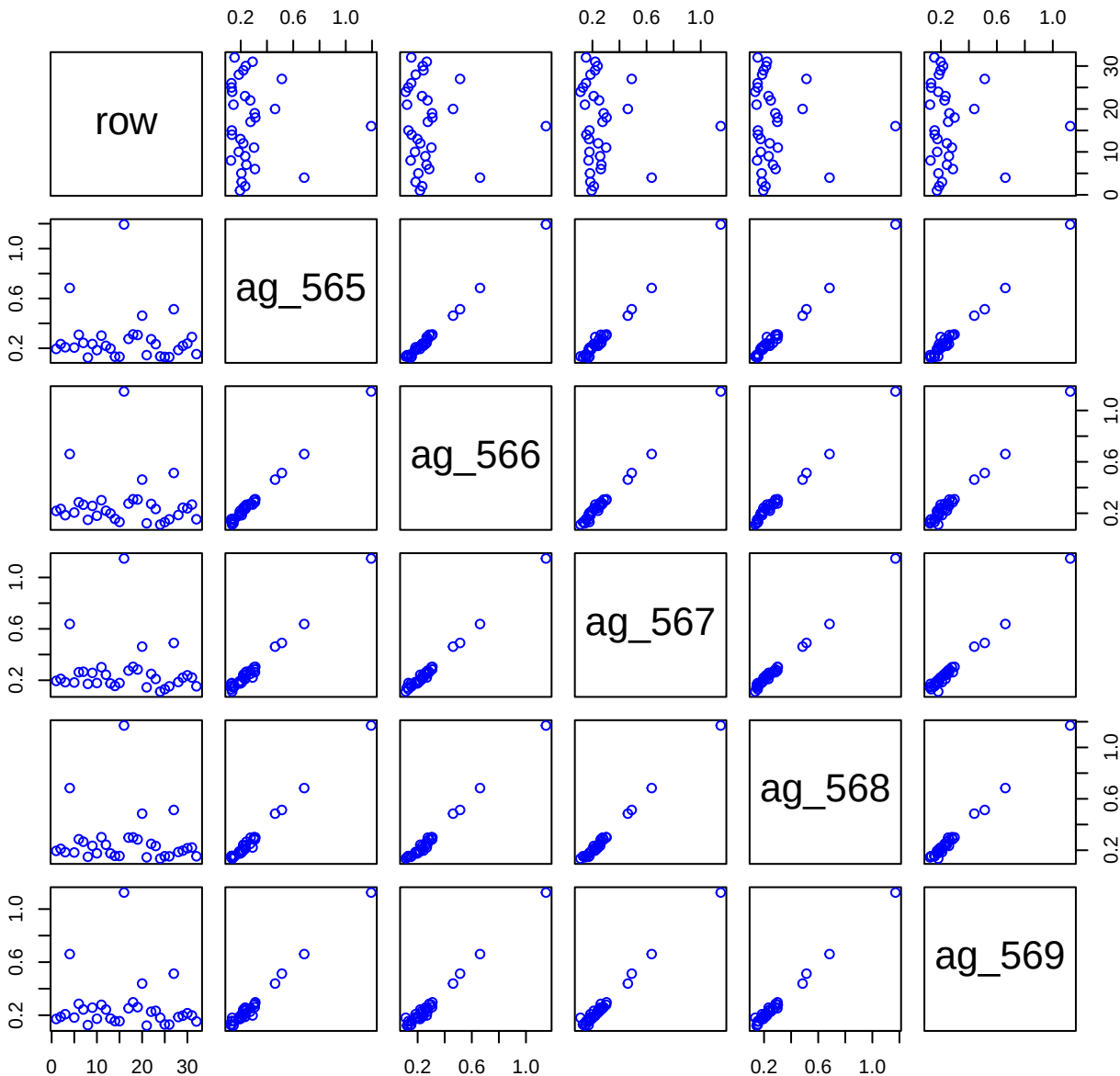
HF459-12 Plot 78



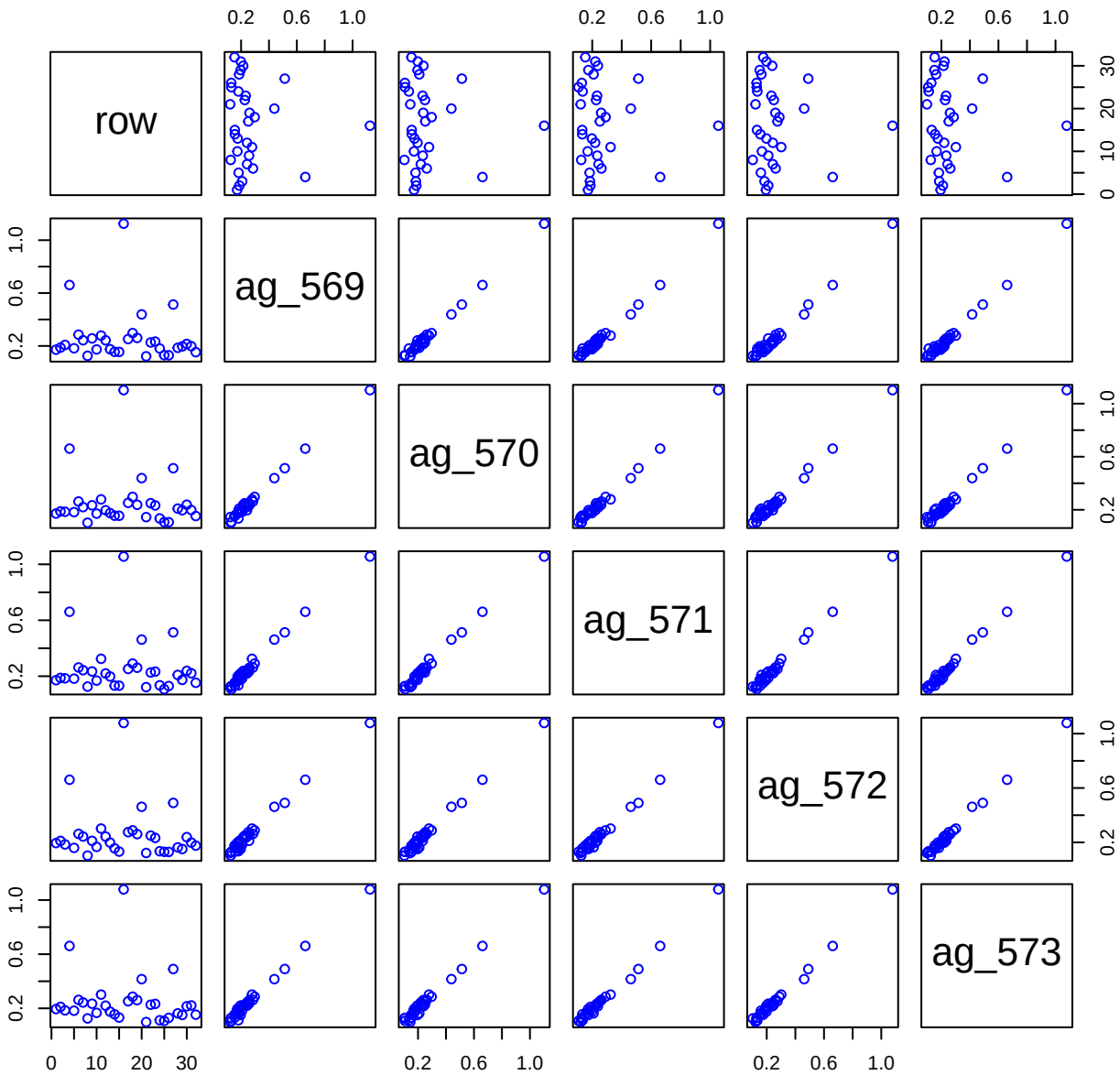
HF459-12 Plot 79



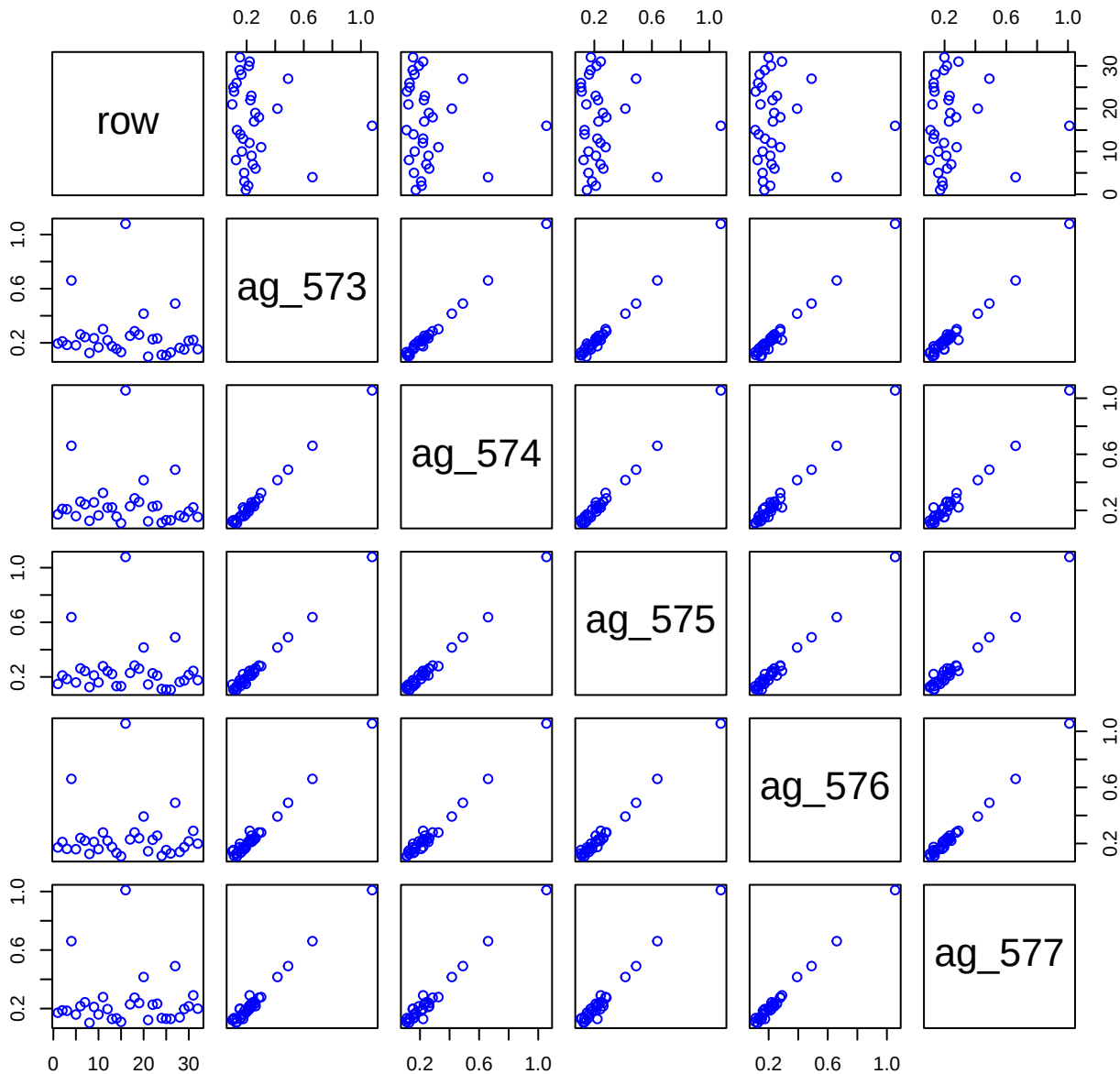
HF459-12 Plot 80



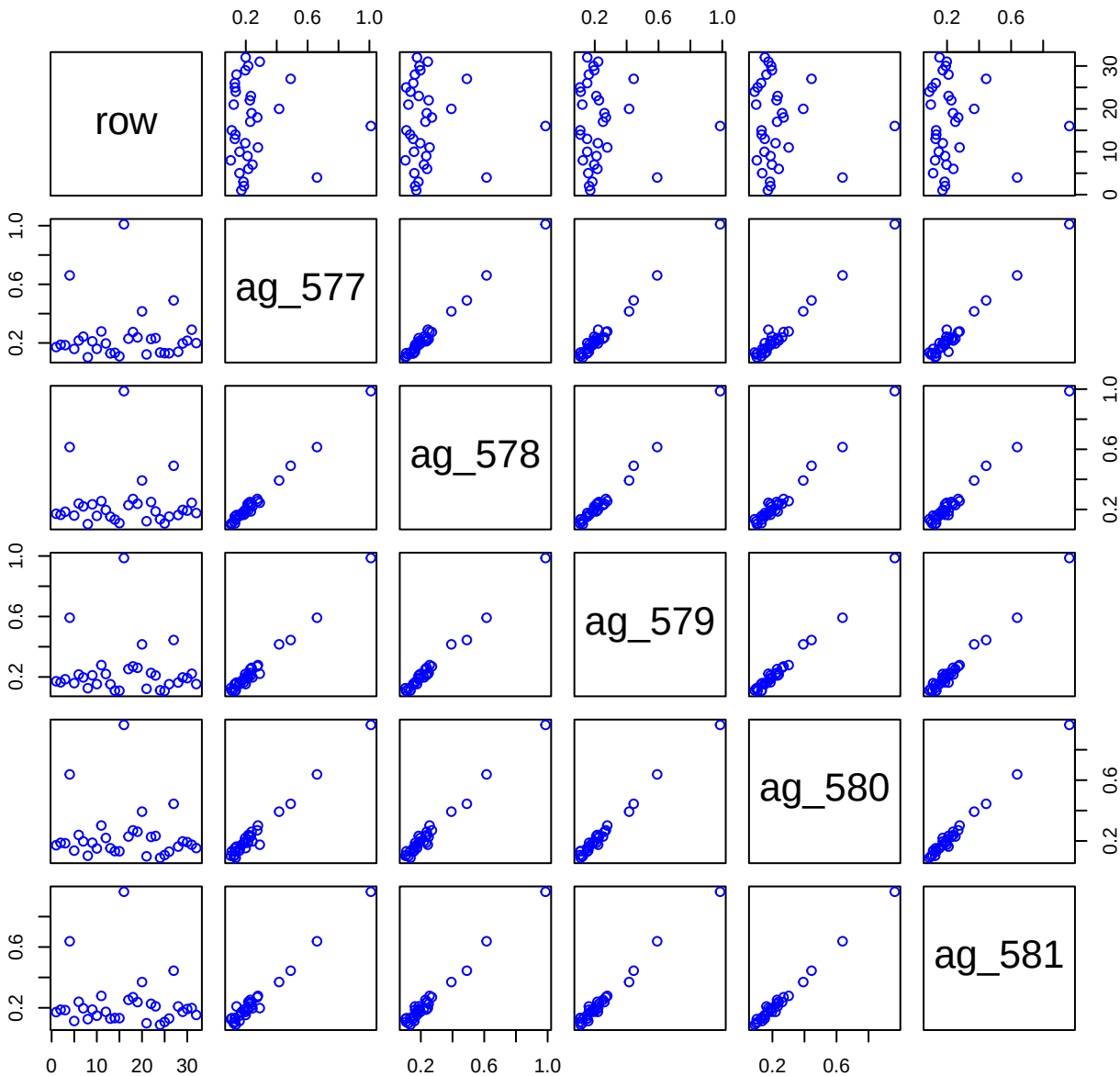
HF459-12 Plot 81



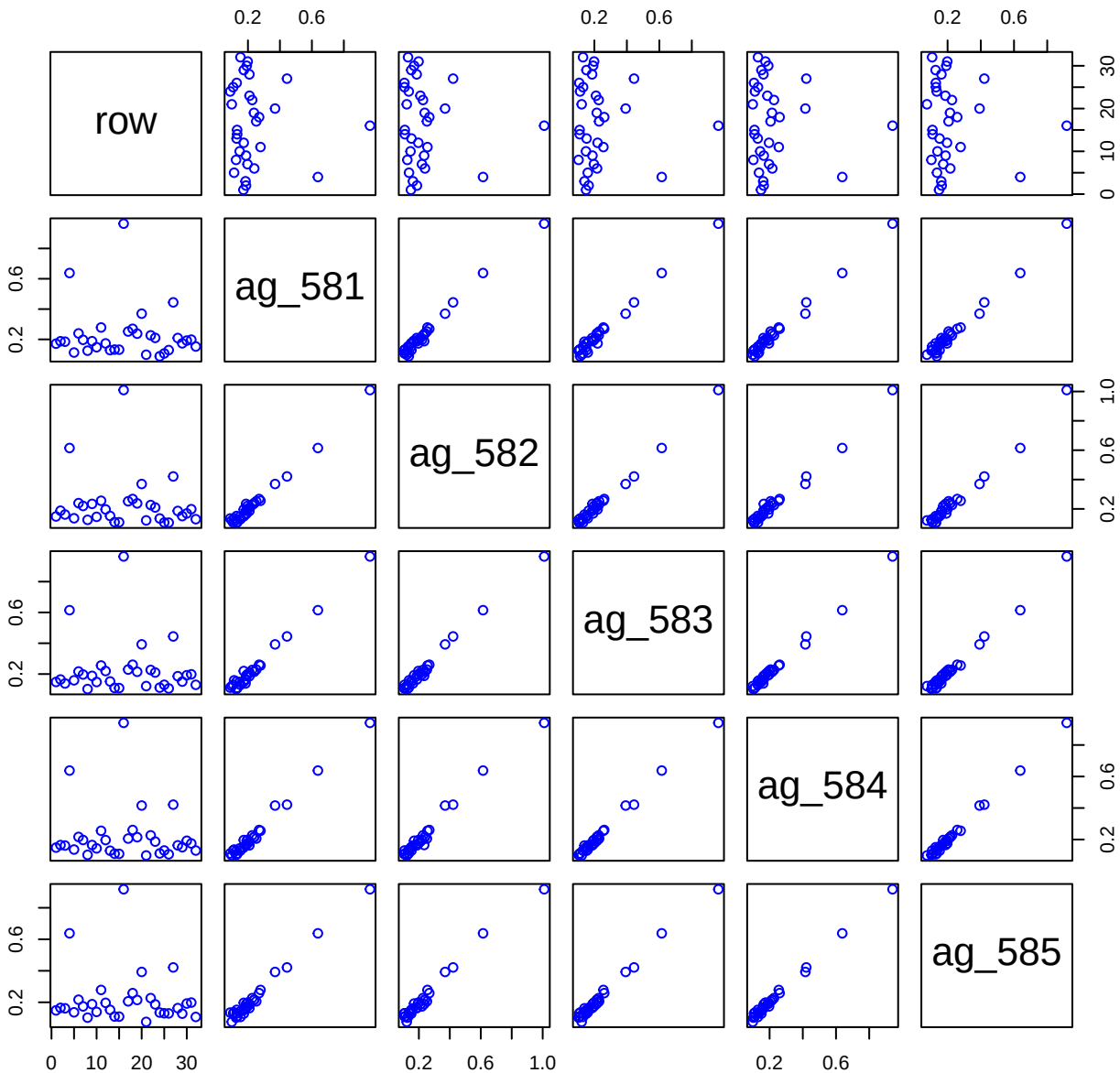
HF459-12 Plot 82



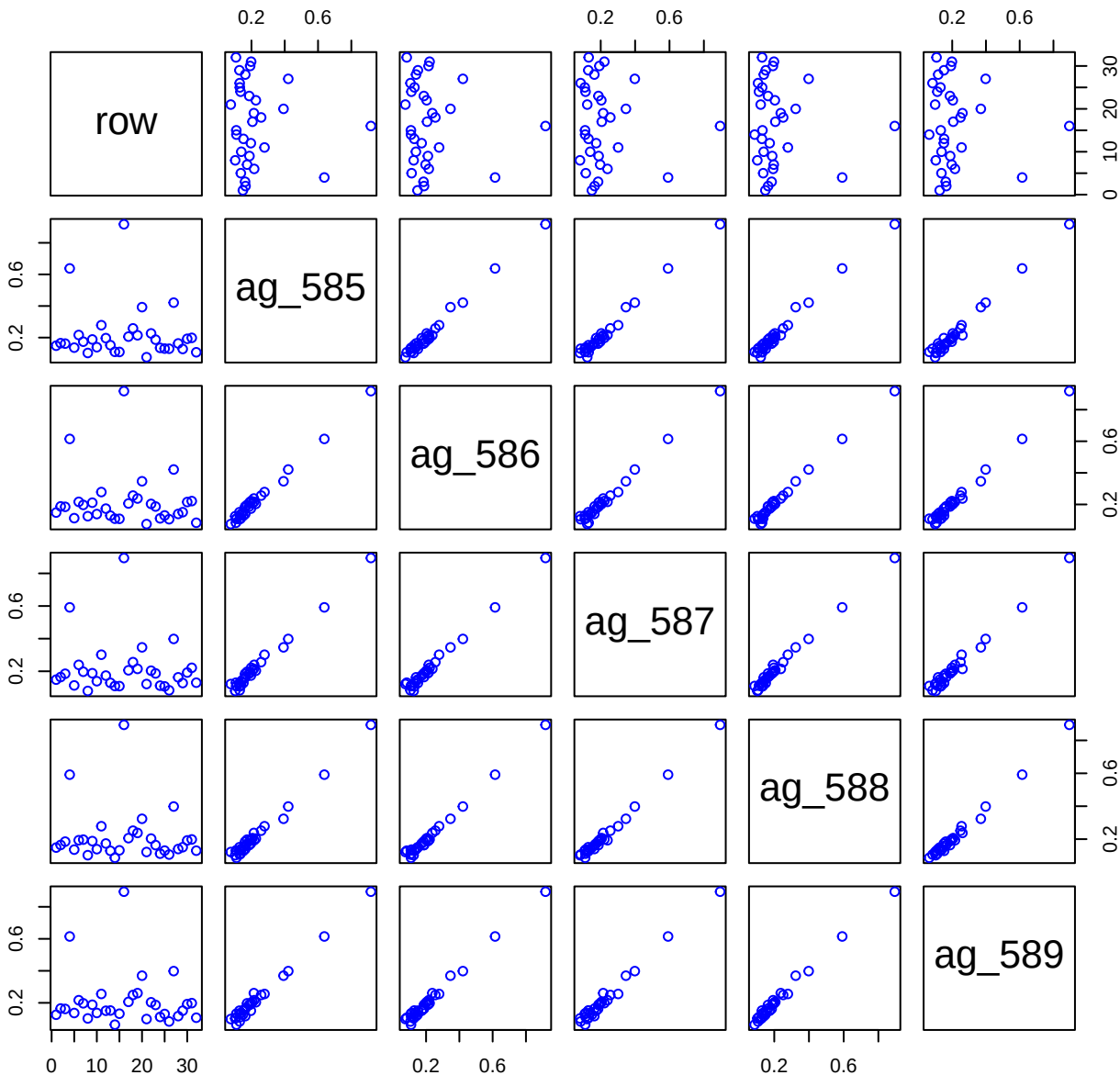
HF459-12 Plot 83



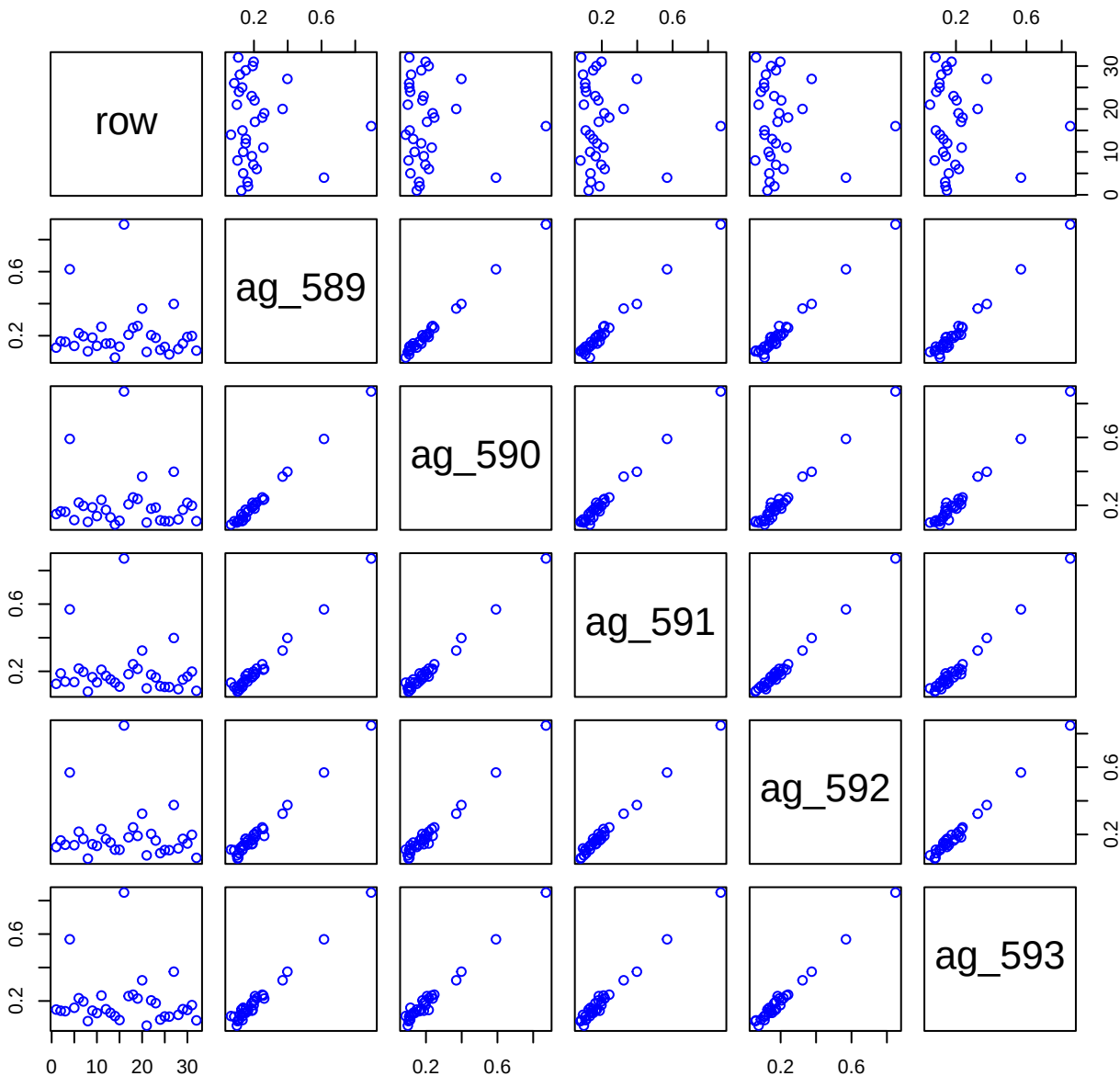
HF459-12 Plot 84



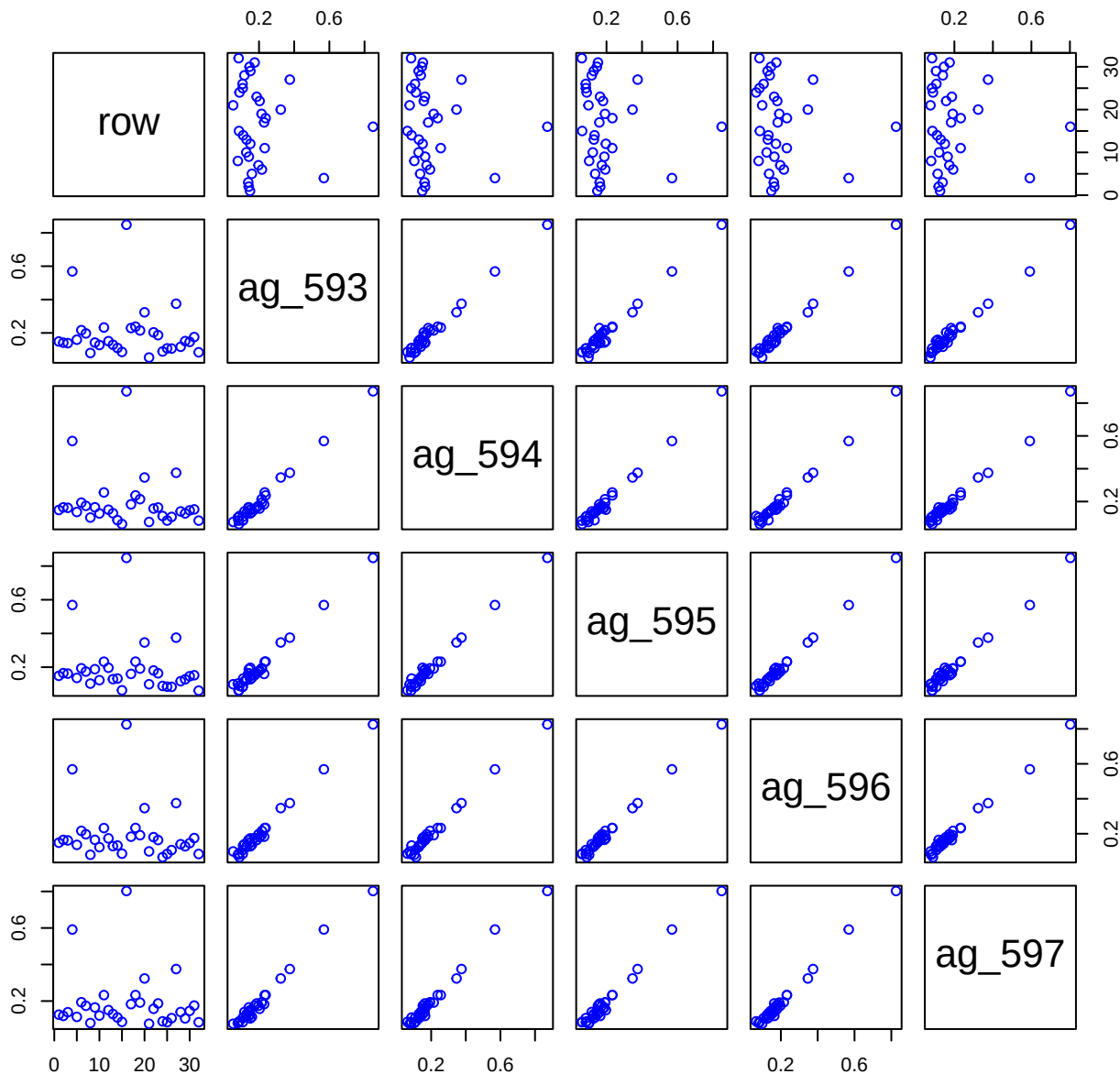
HF459-12 Plot 85



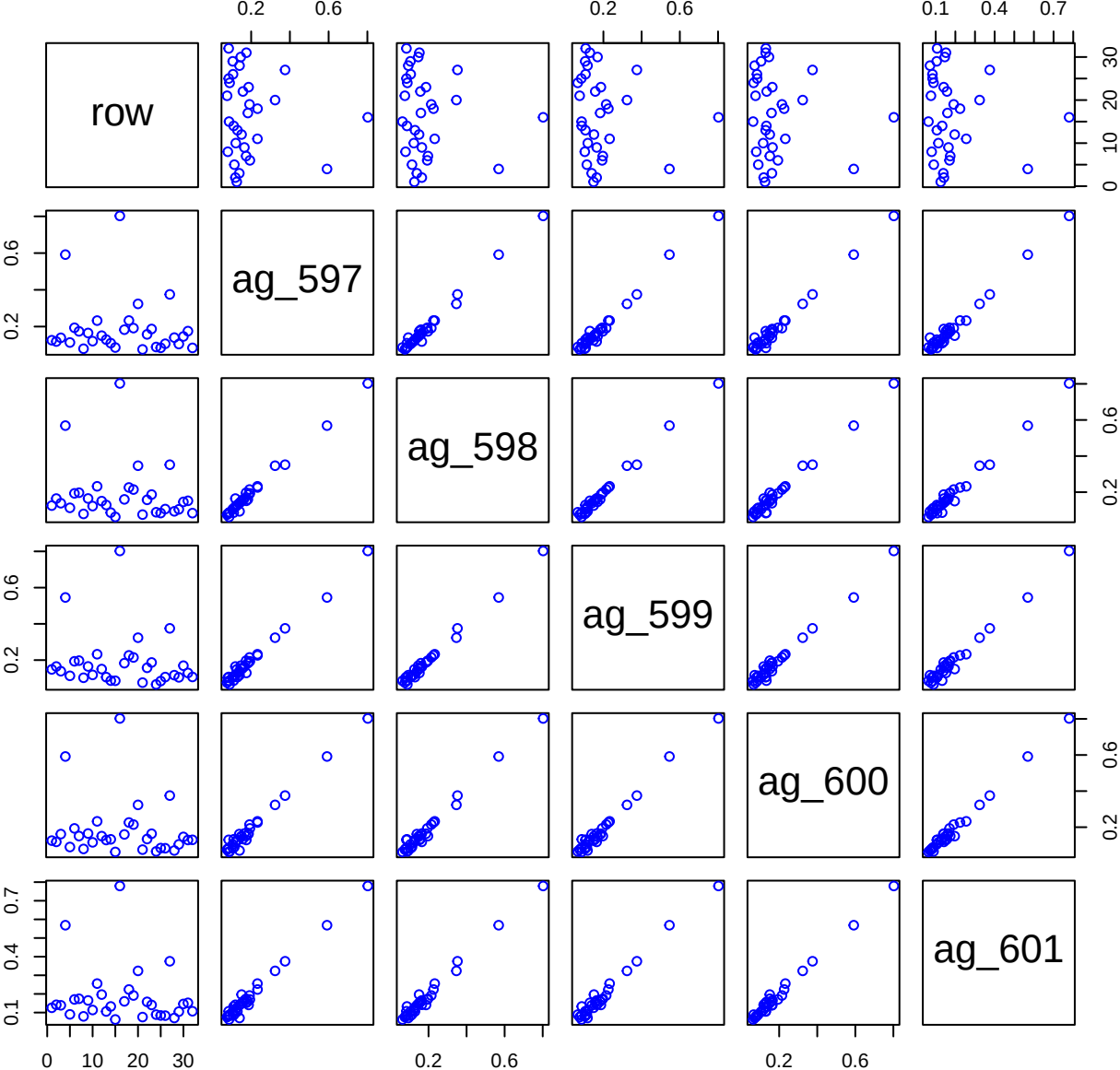
HF459-12 Plot 86



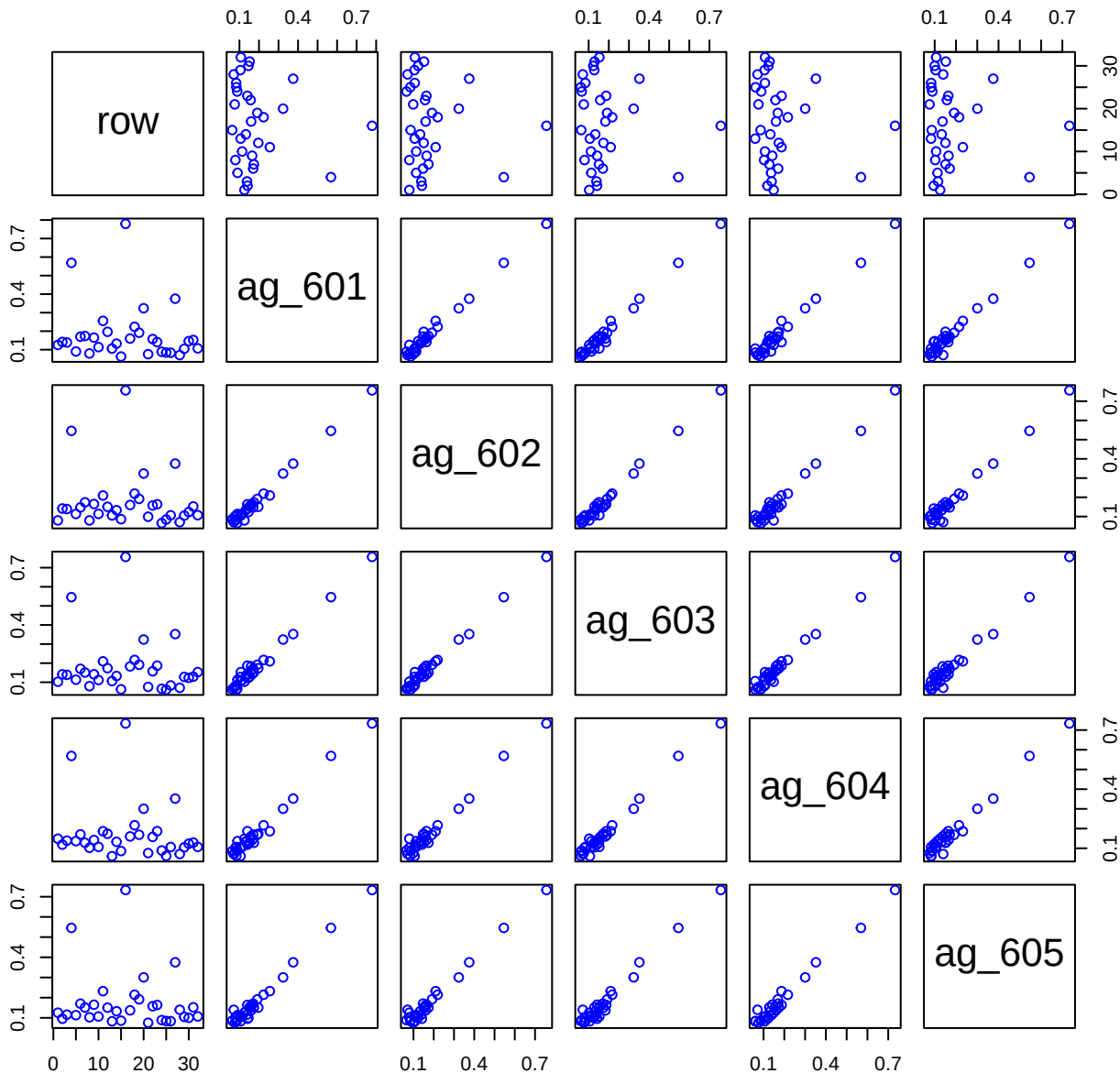
HF459-12 Plot 87



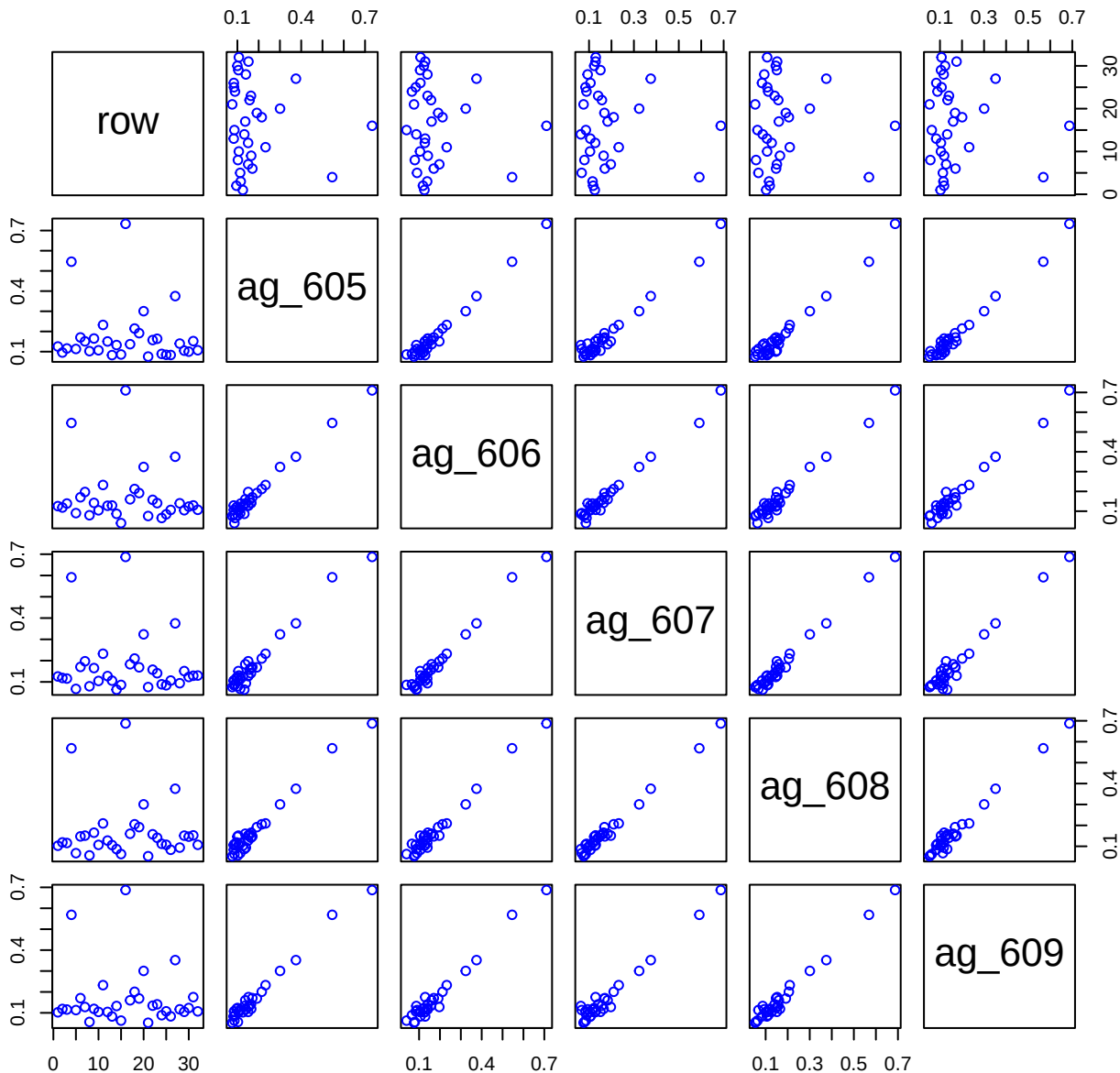
HF459-12 Plot 88



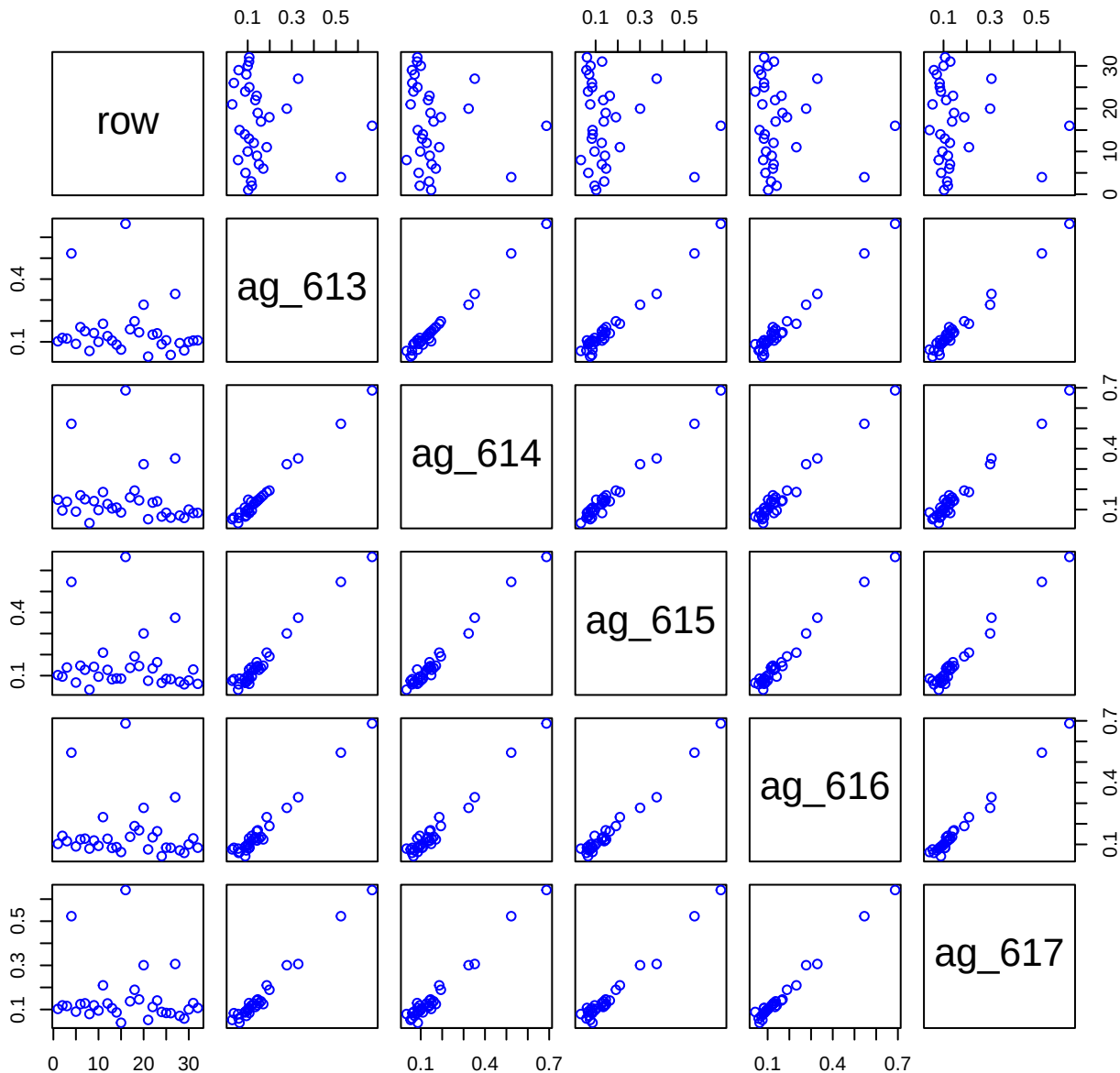
HF459-12 Plot 89



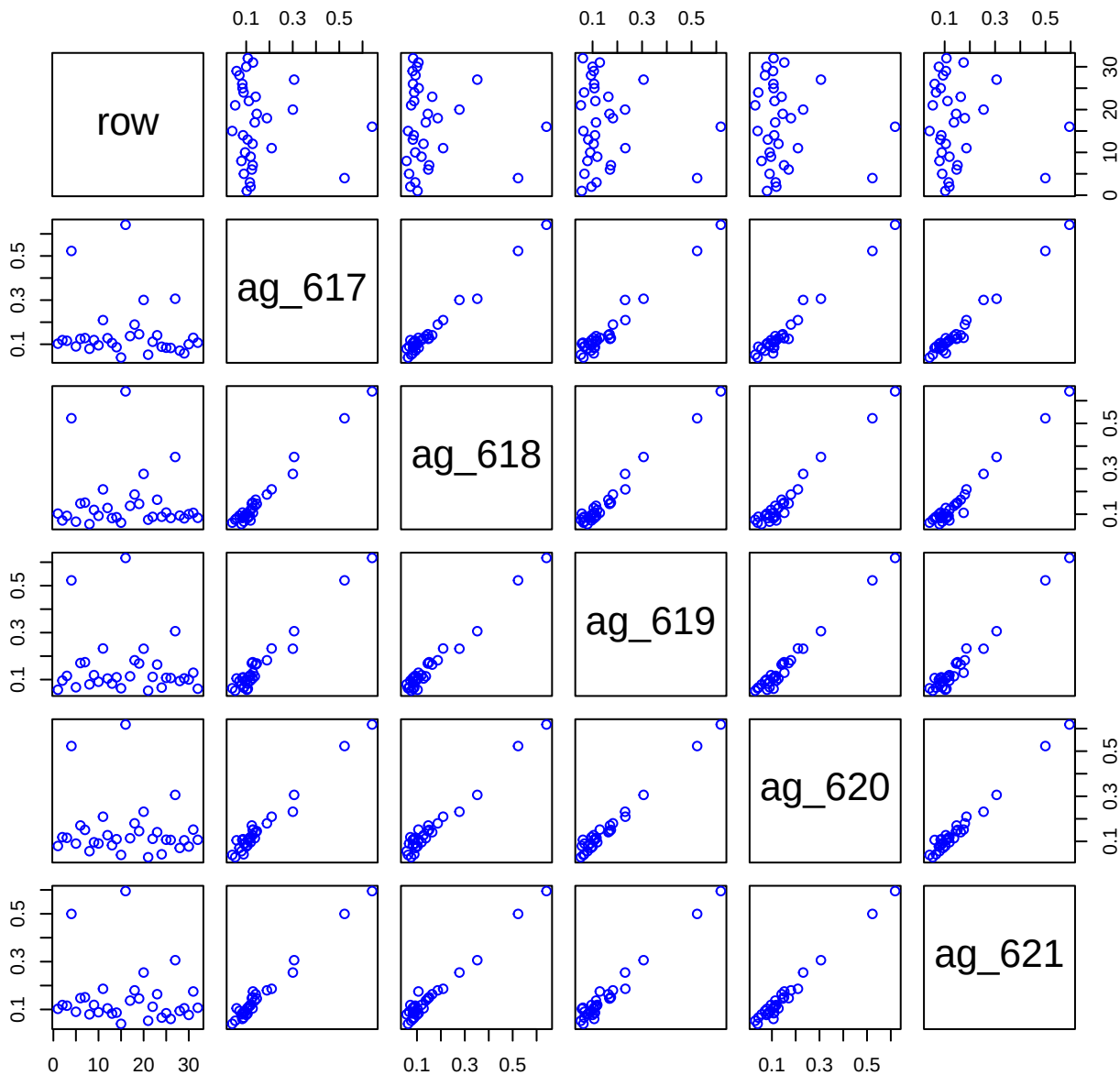
HF459-12 Plot 90



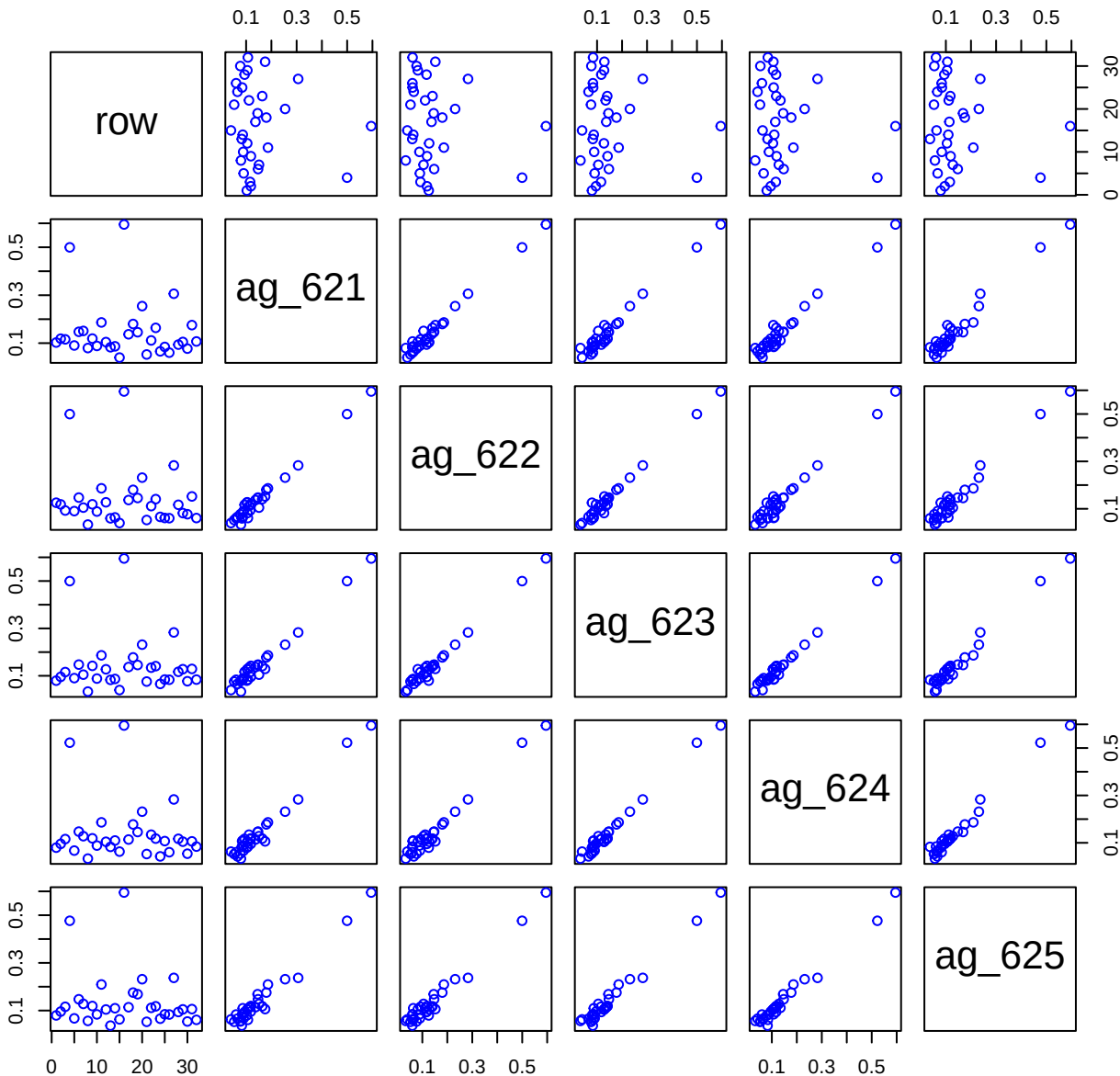
HF459-12 Plot 92



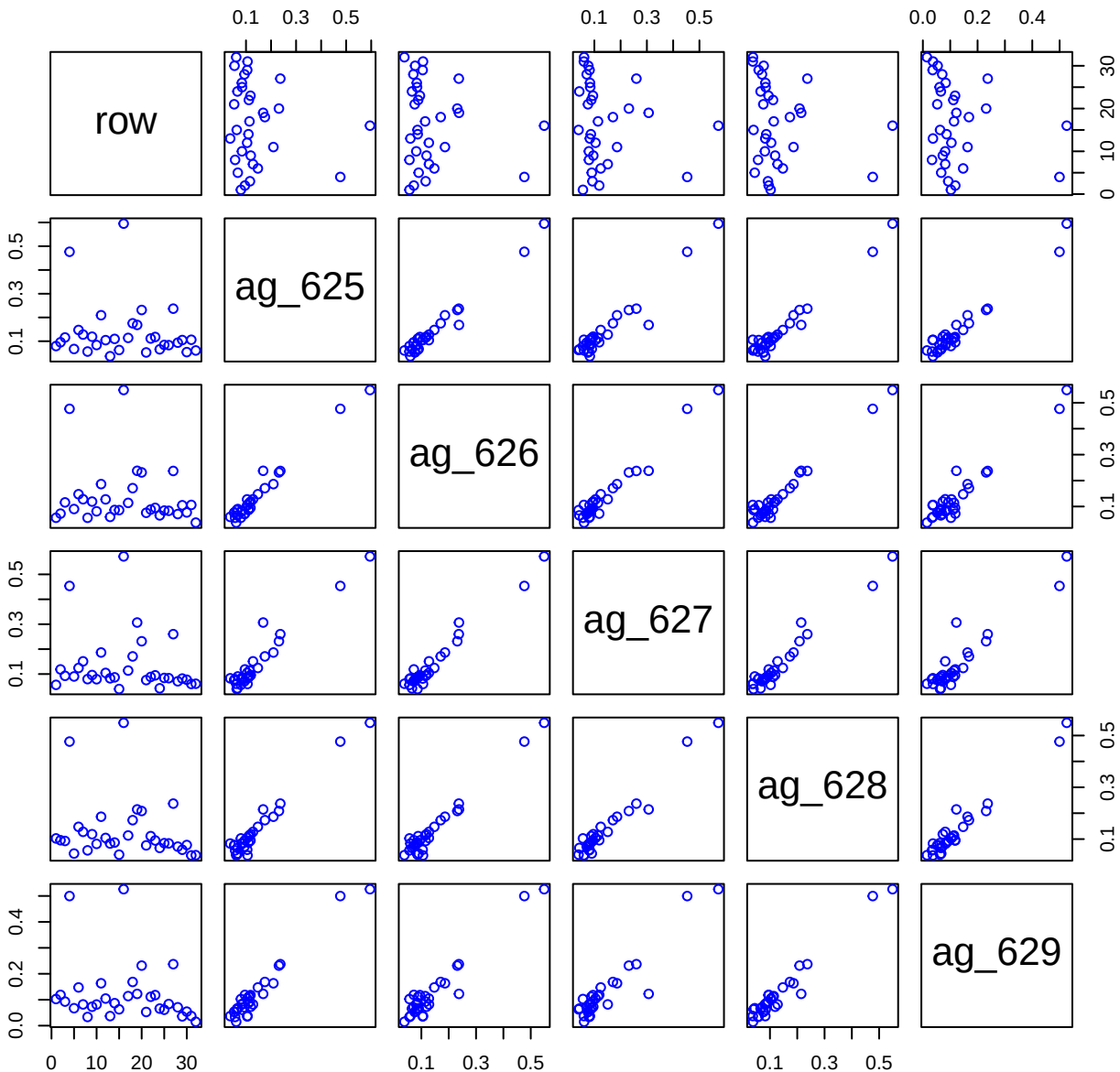
HF459-12 Plot 93



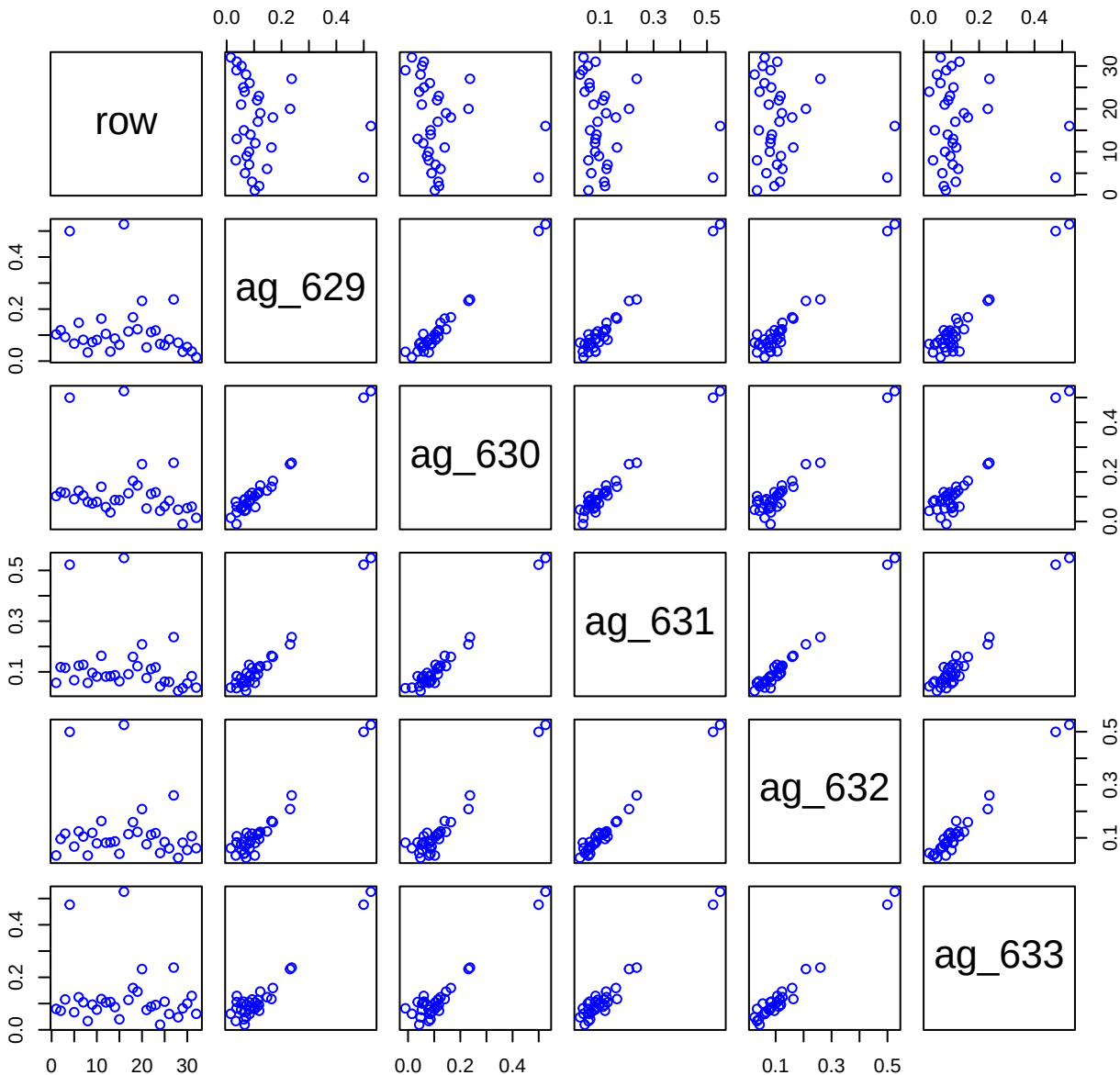
HF459-12 Plot 94



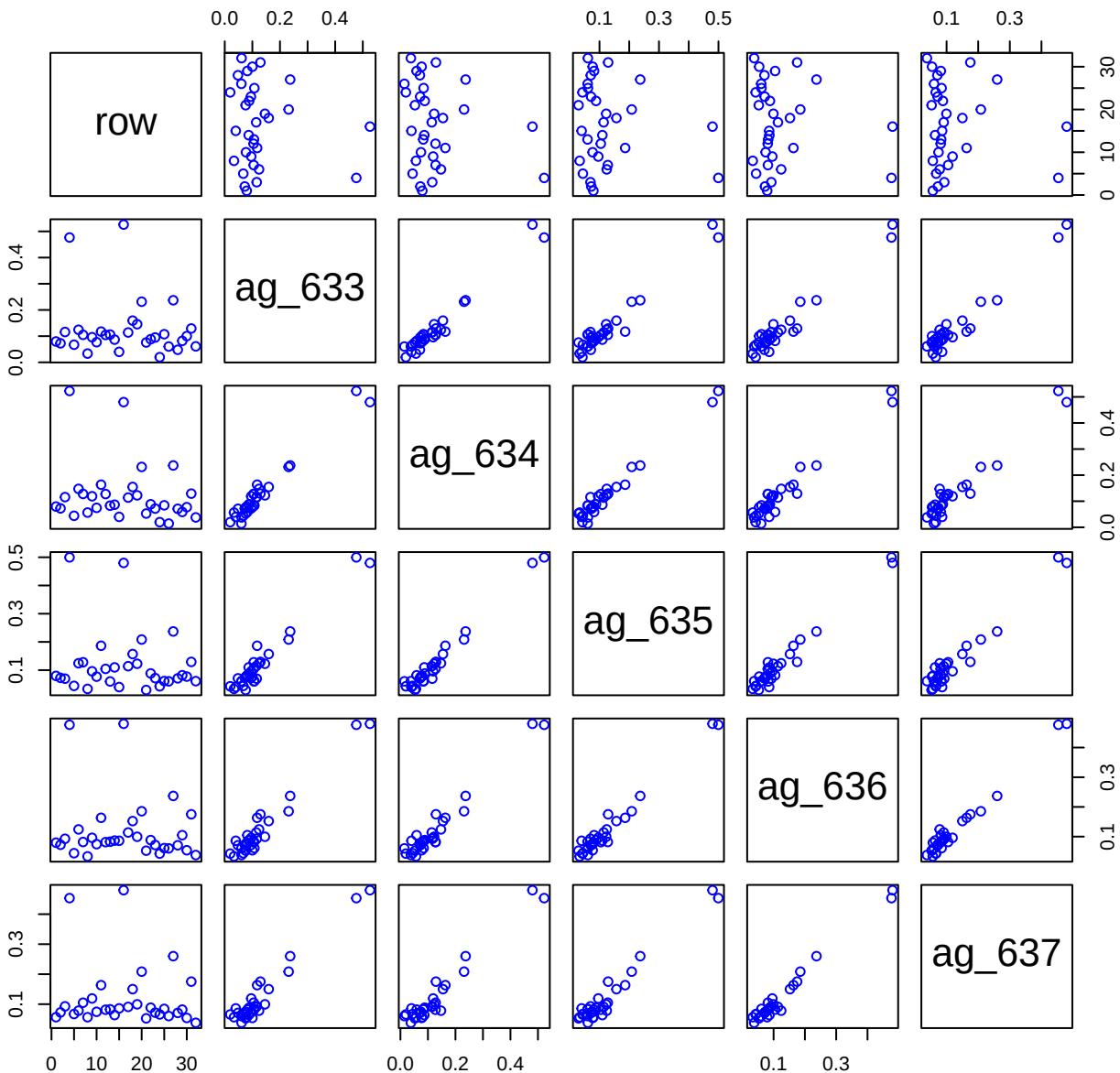
HF459-12 Plot 95



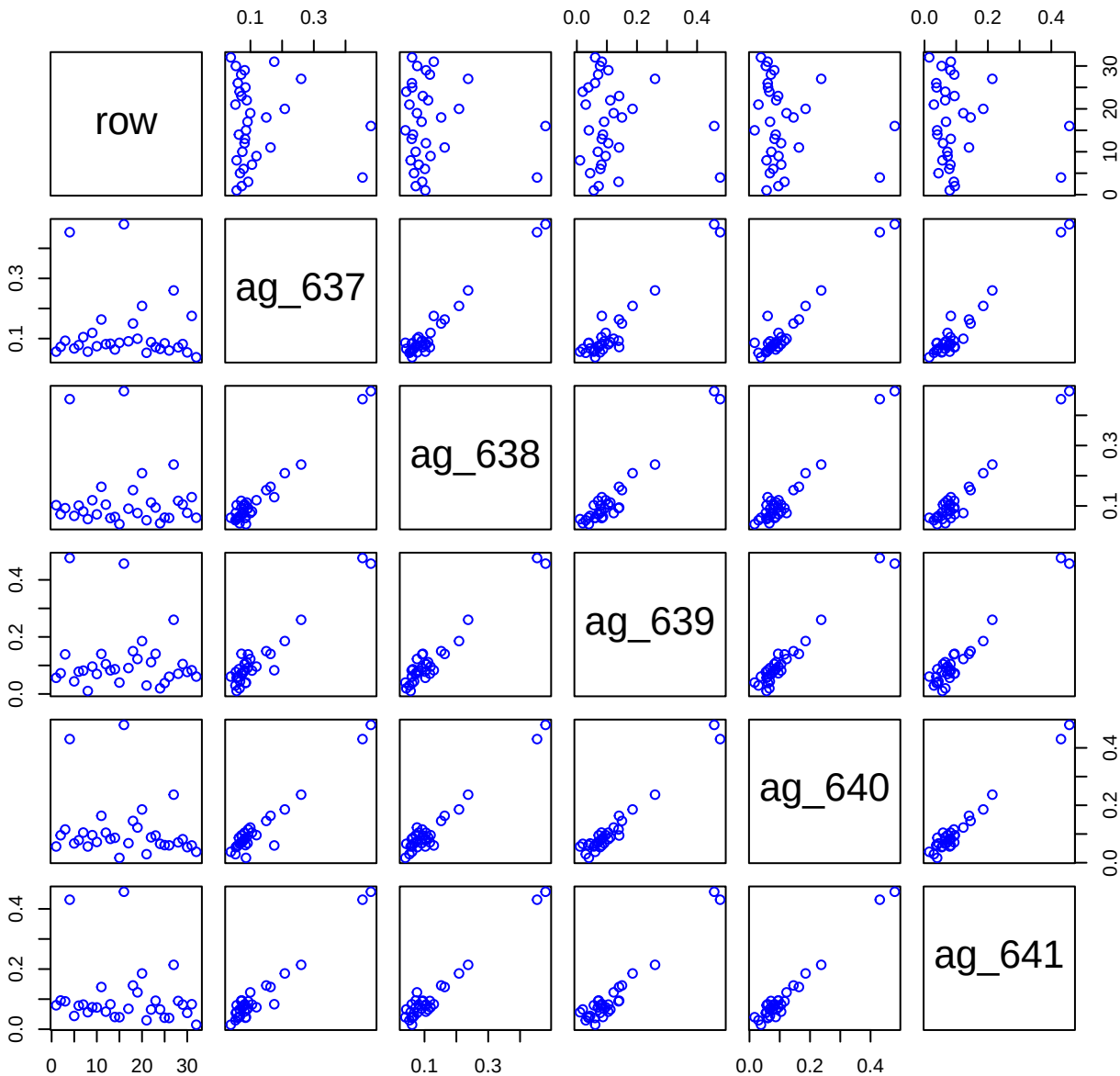
HF459-12 Plot 96



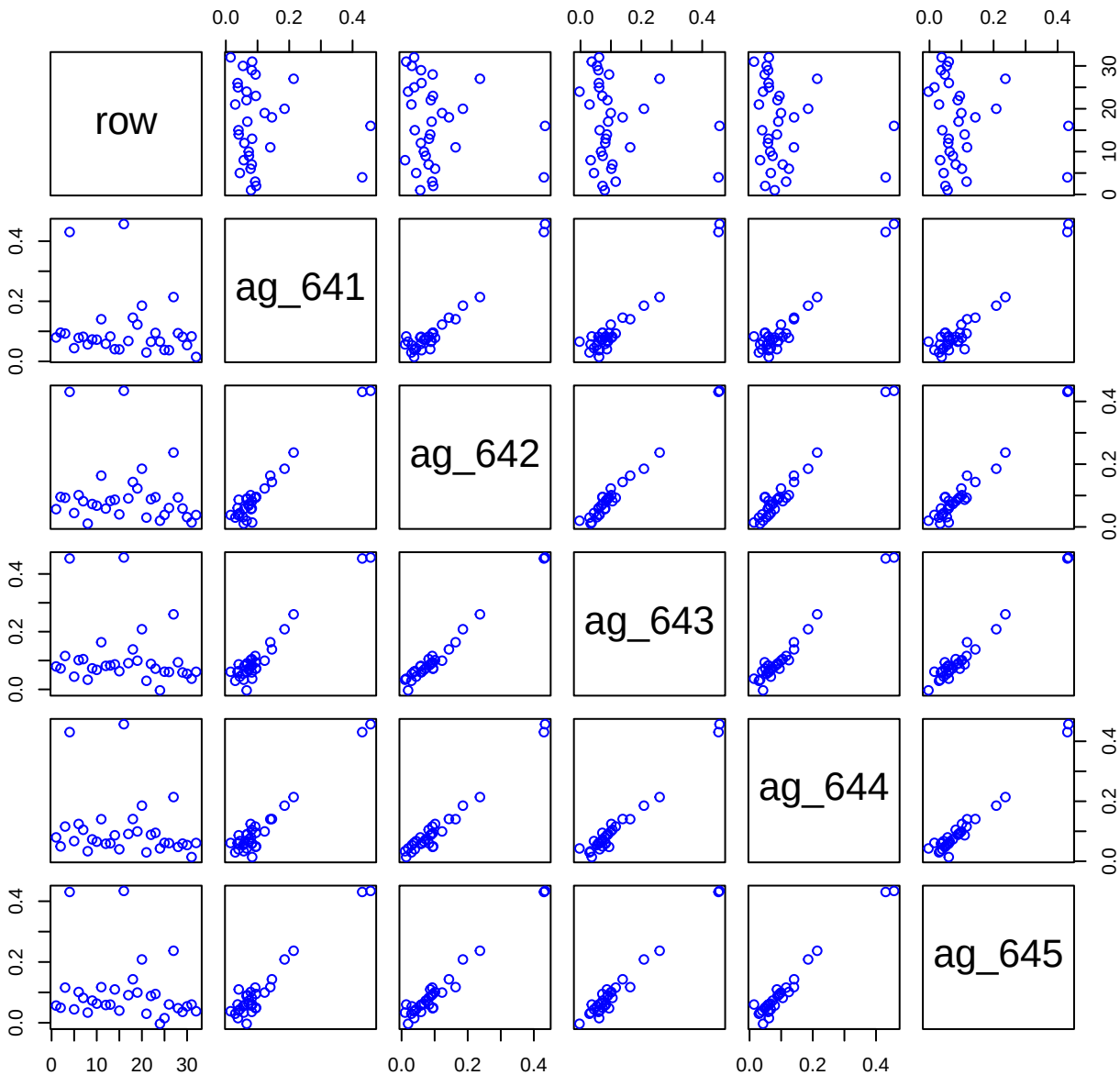
HF459-12 Plot 97



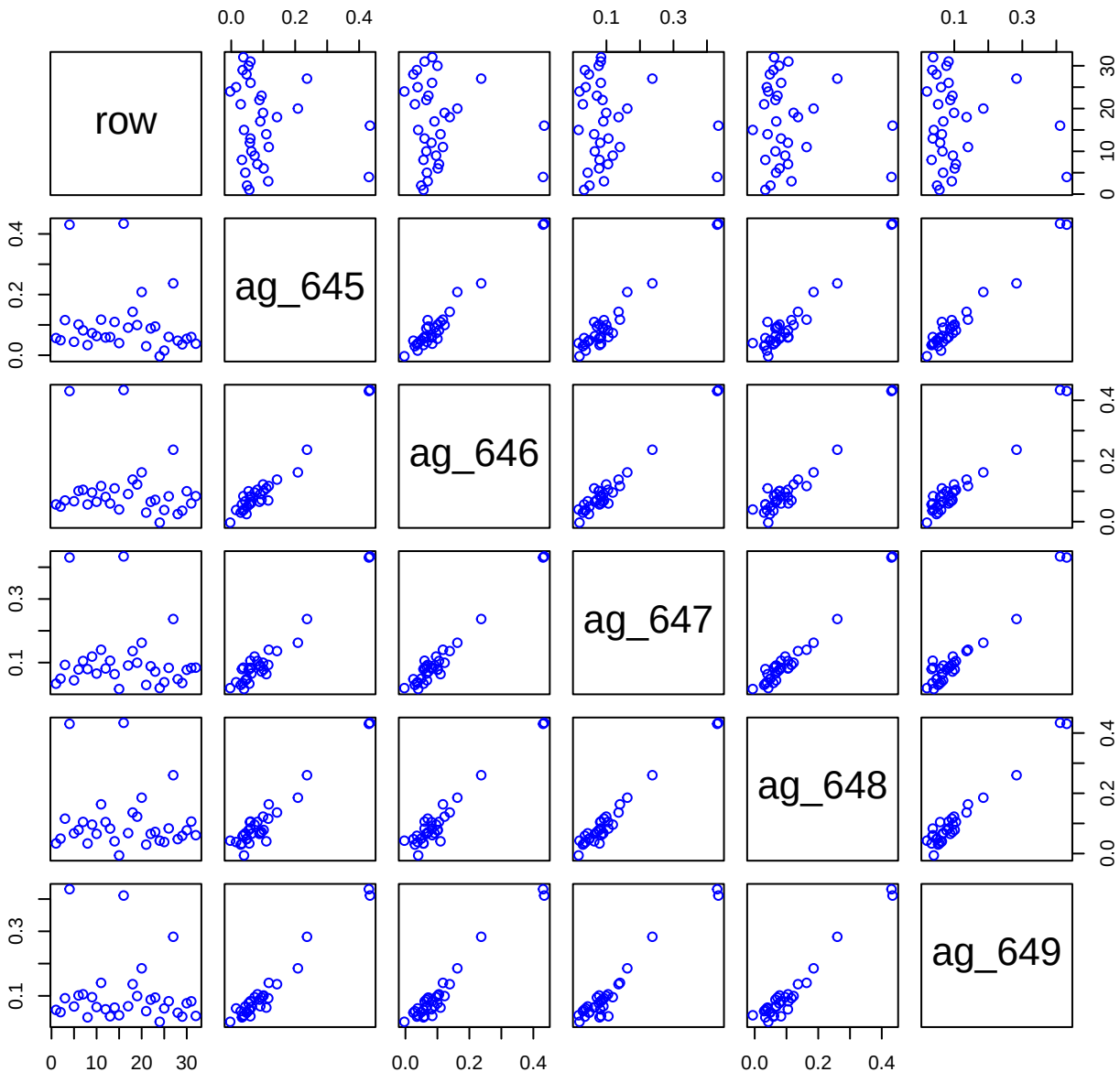
HF459-12 Plot 98



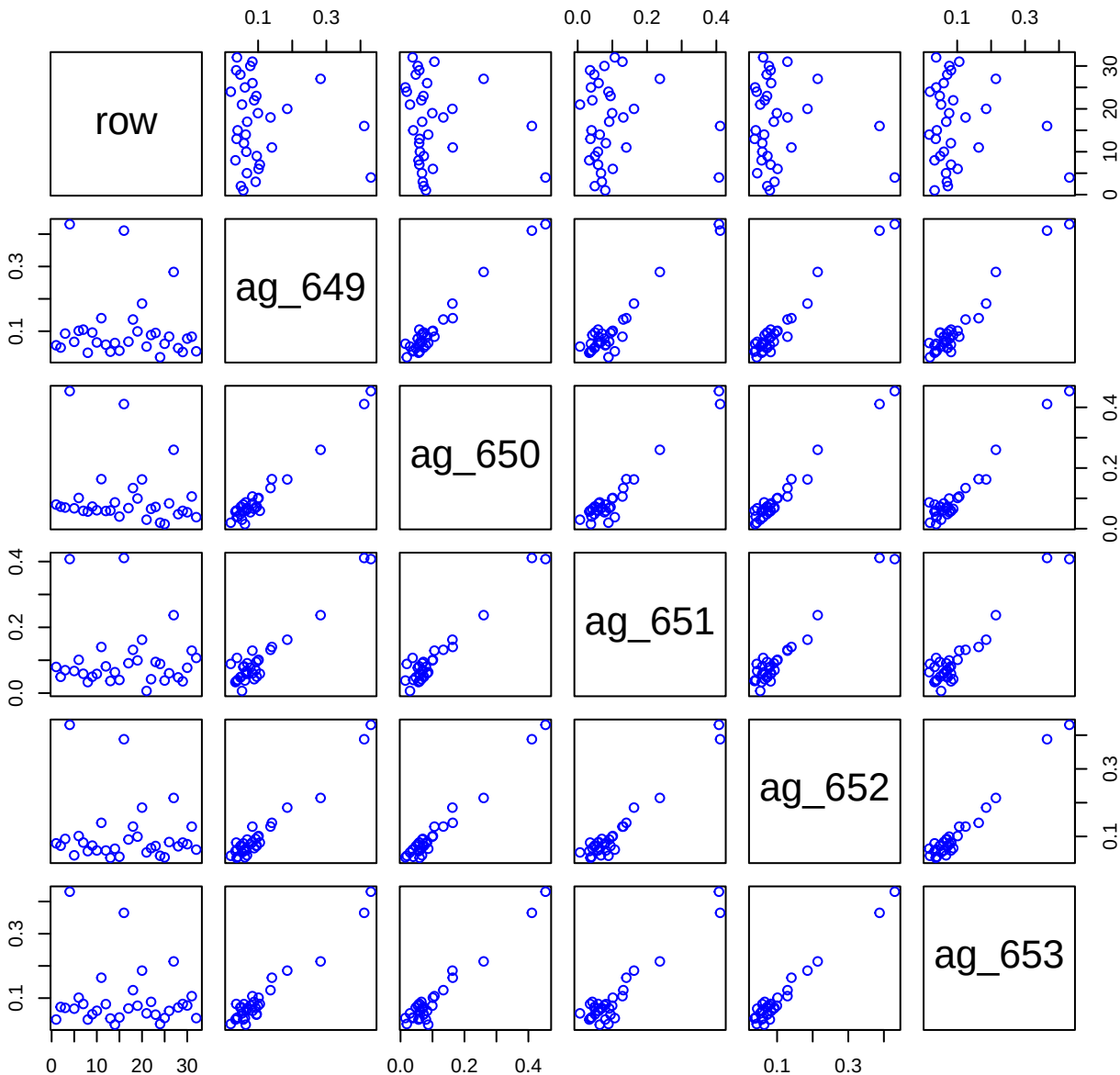
HF459-12 Plot 99



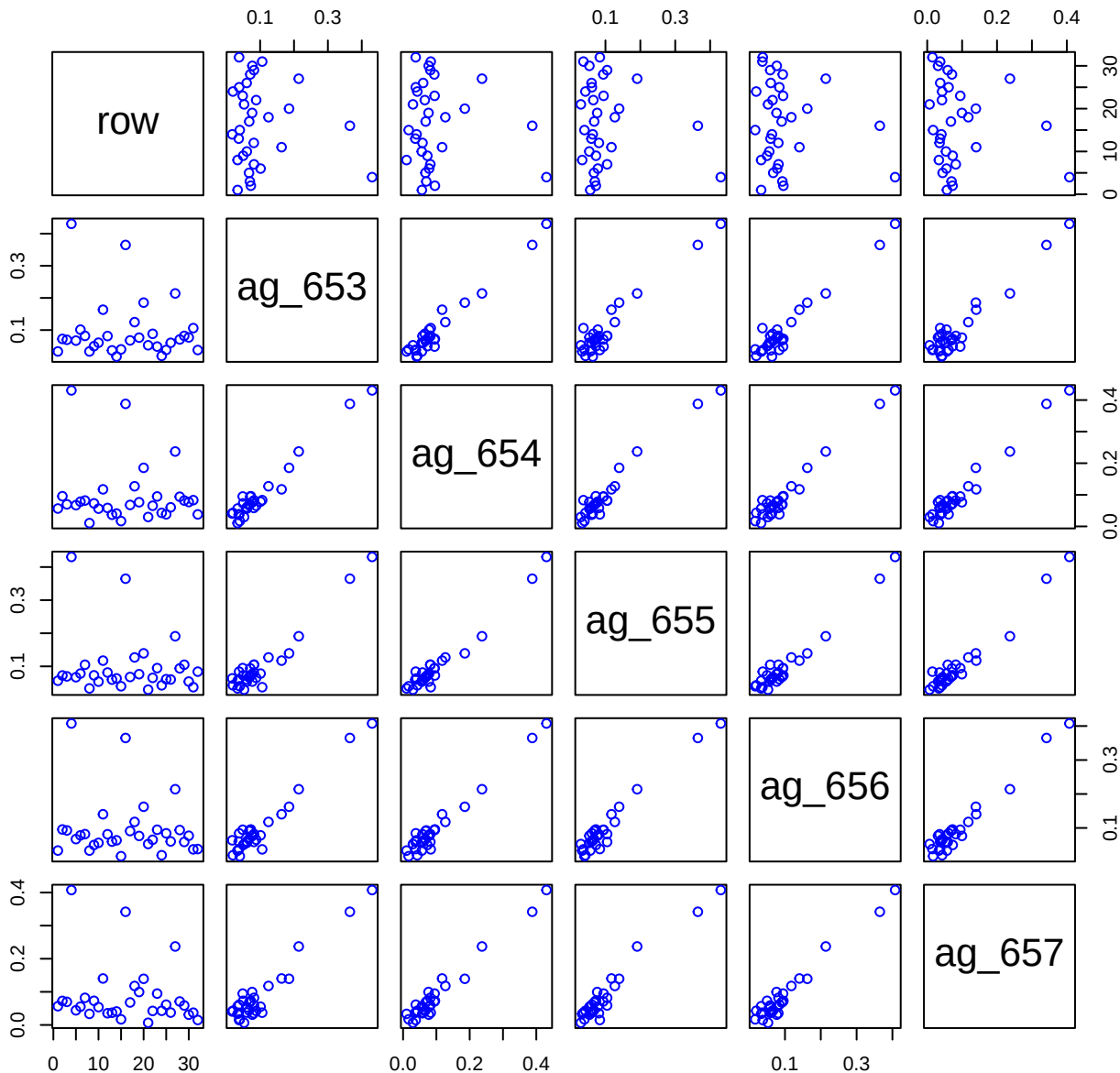
HF459-12 Plot 100



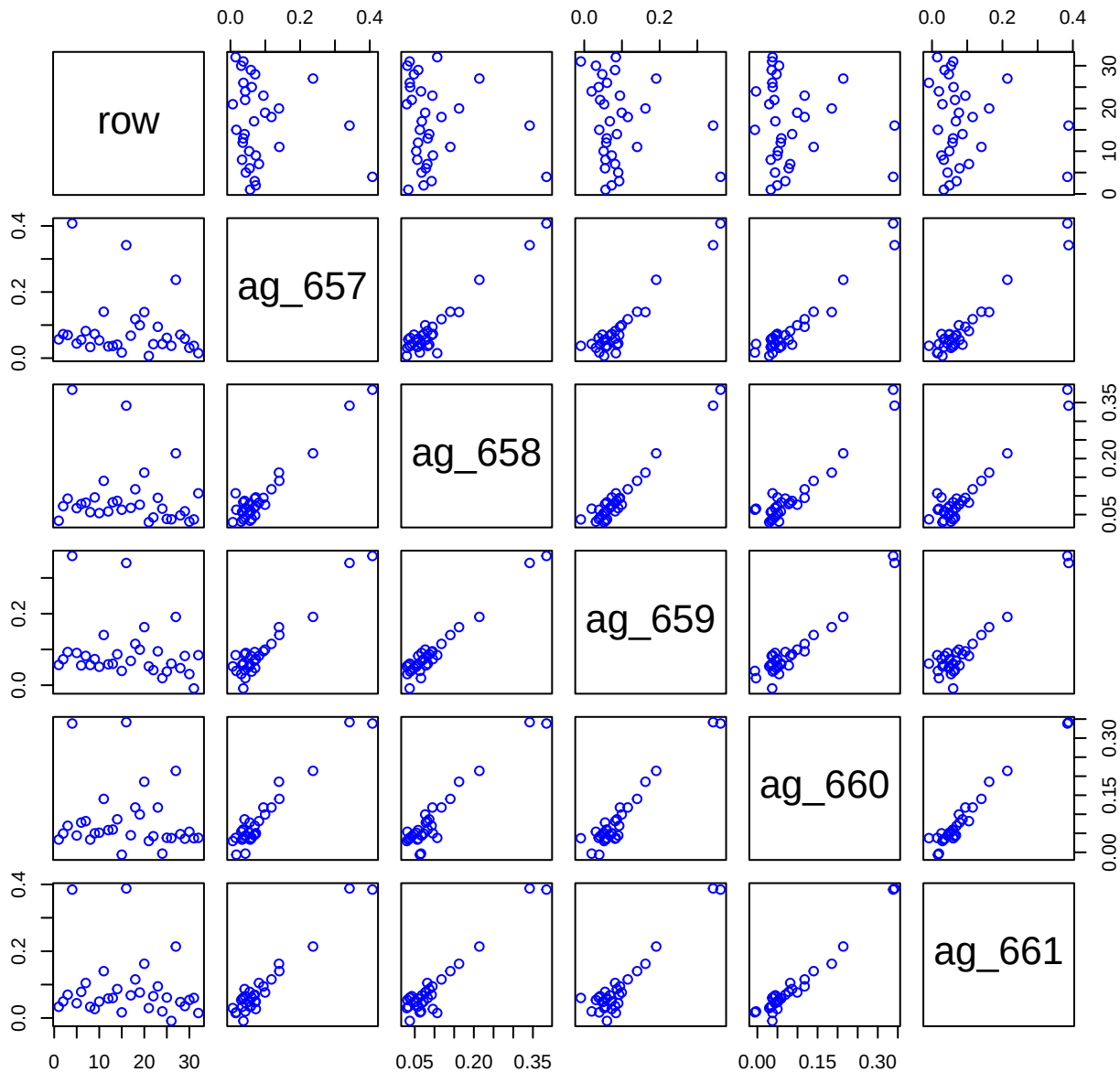
HF459-12 Plot 101



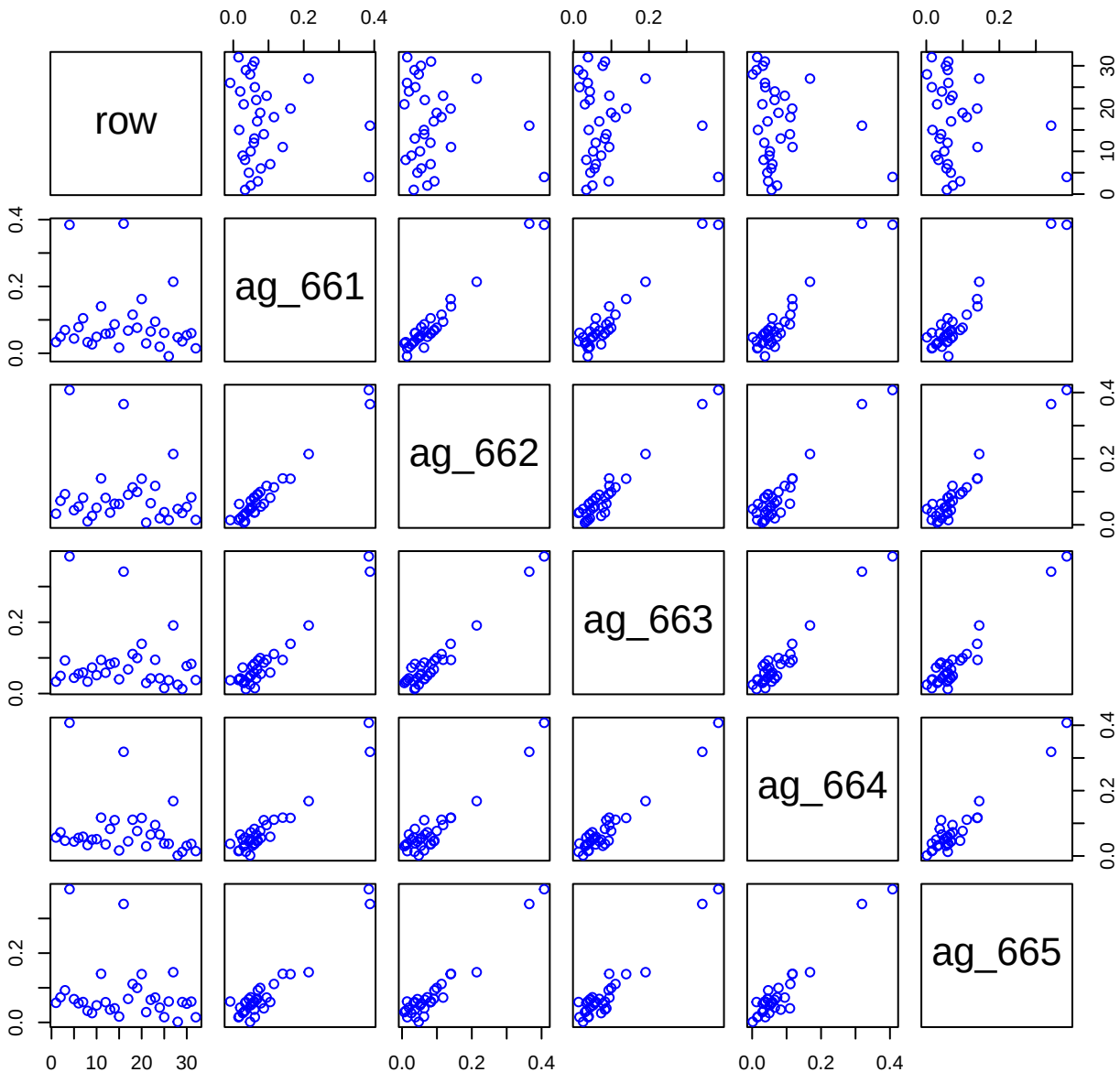
HF459-12 Plot 102



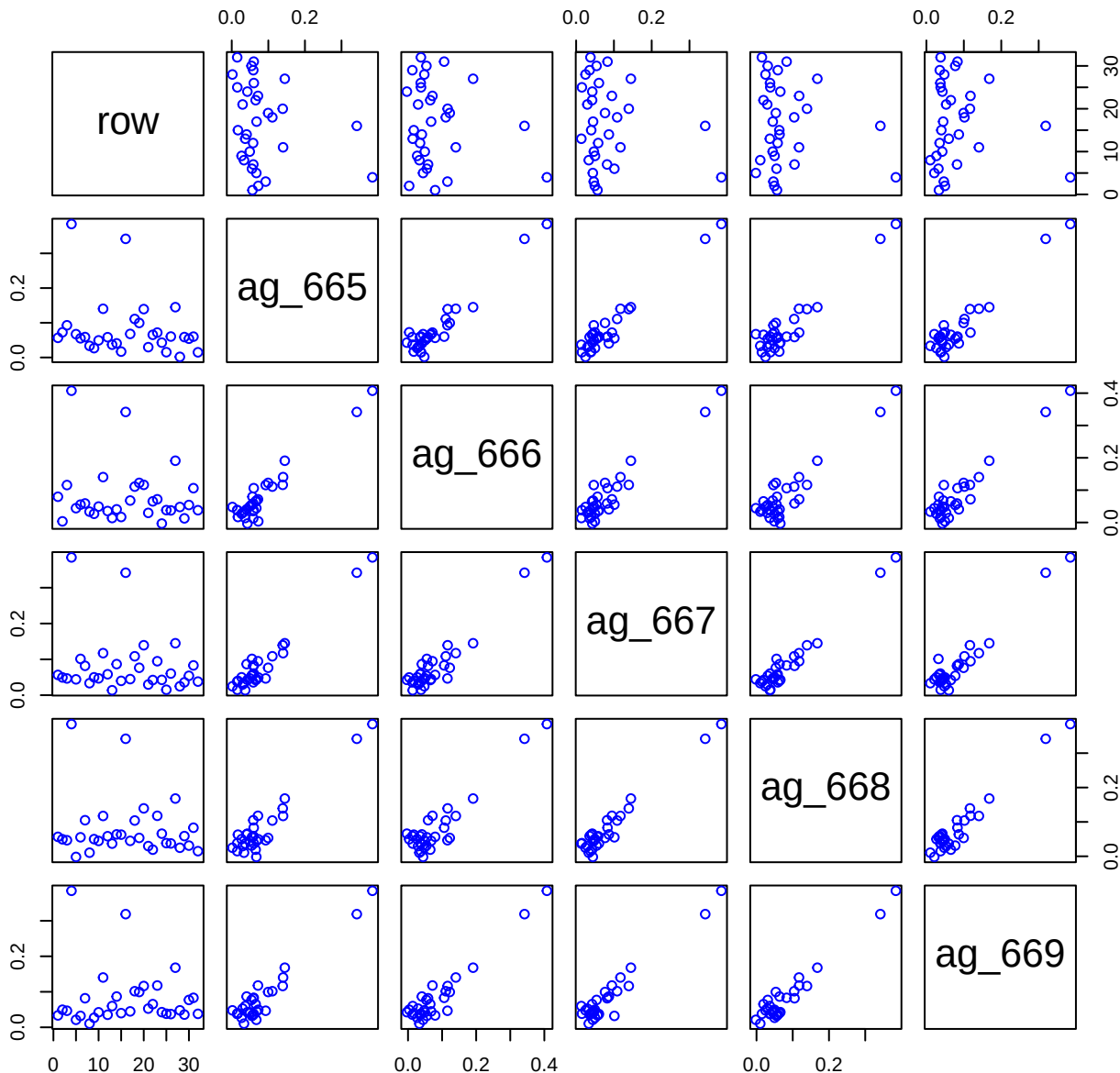
HF459-12 Plot 103



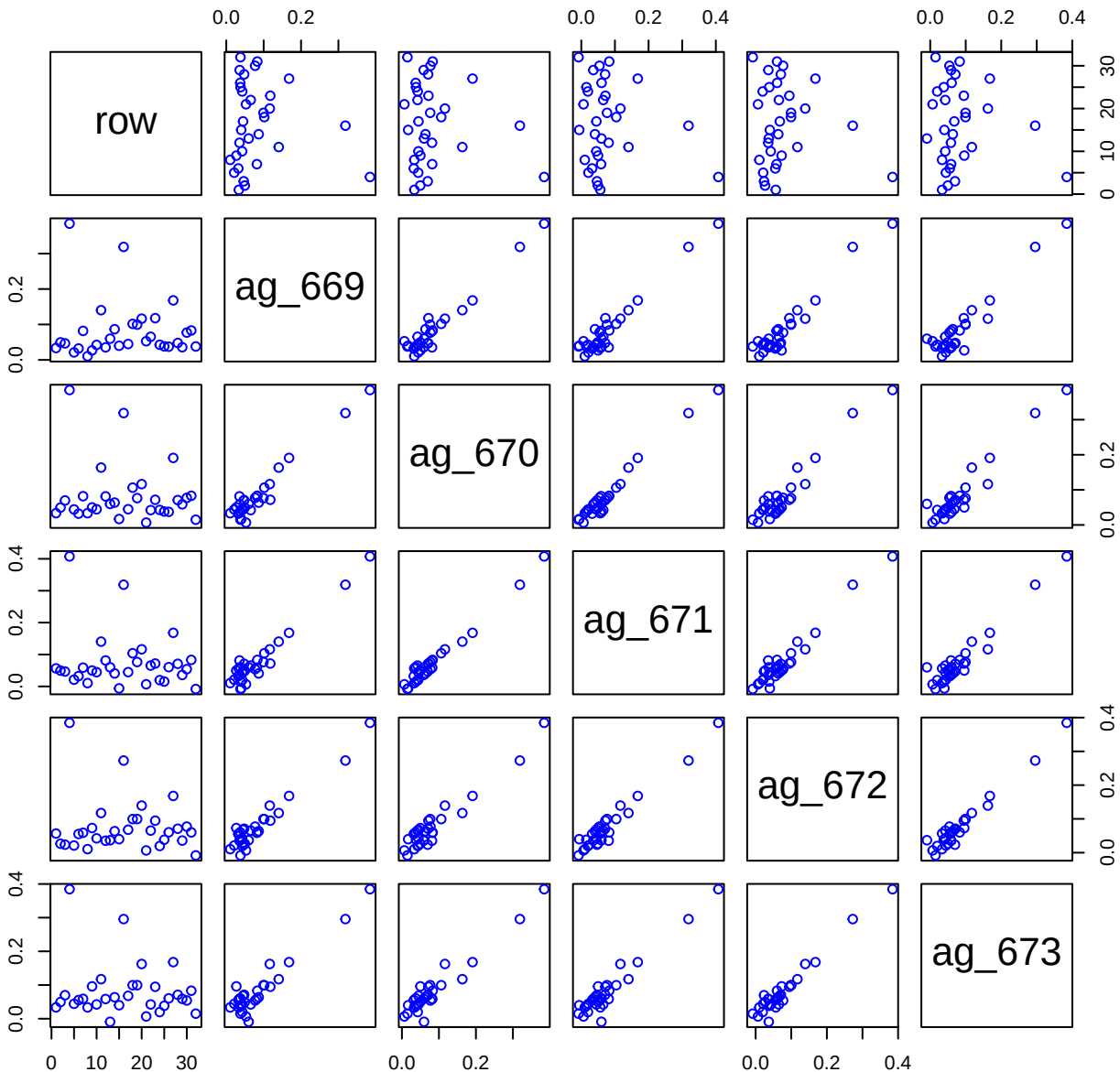
HF459-12 Plot 104



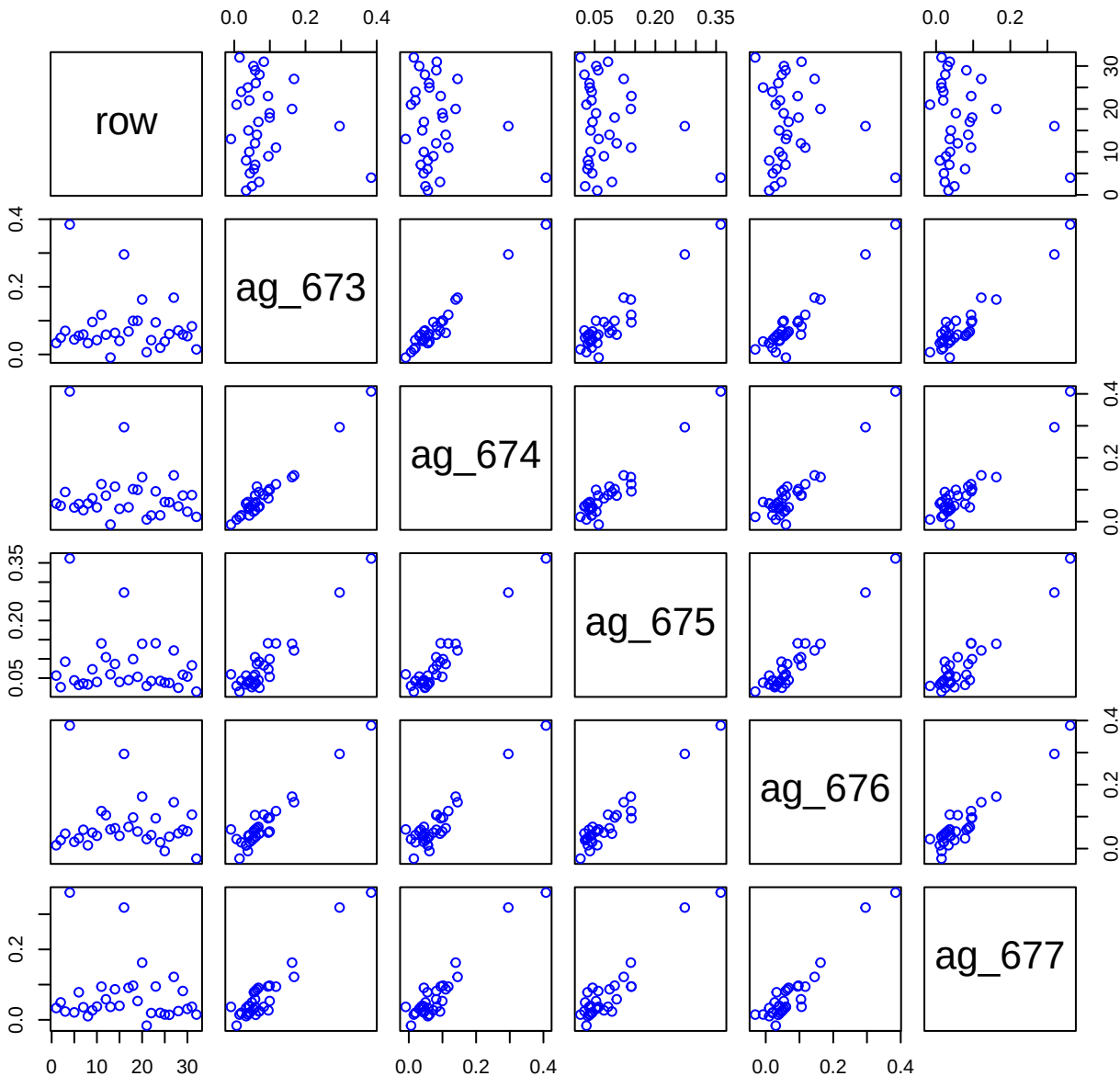
HF459-12 Plot 105



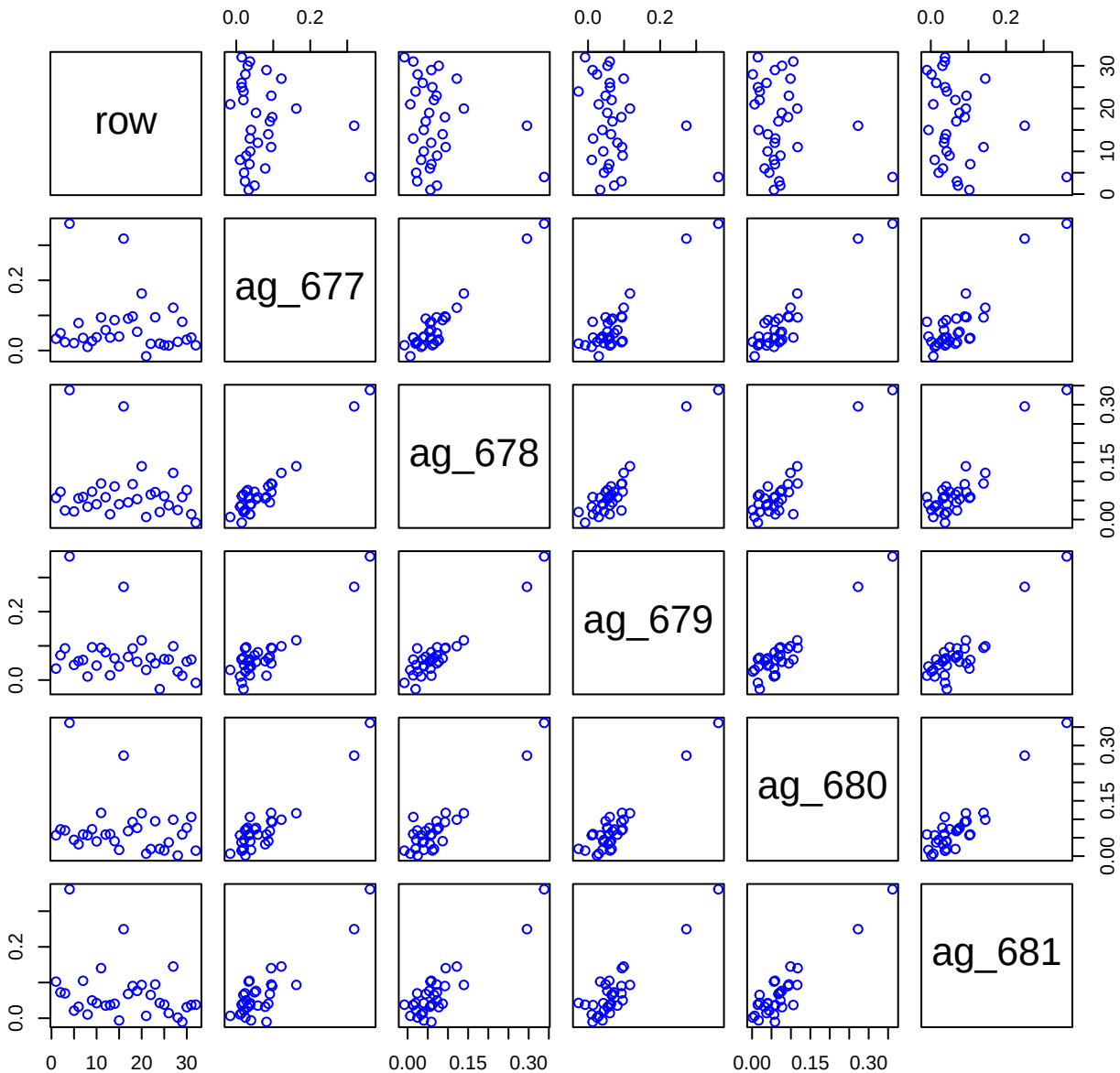
HF459-12 Plot 106



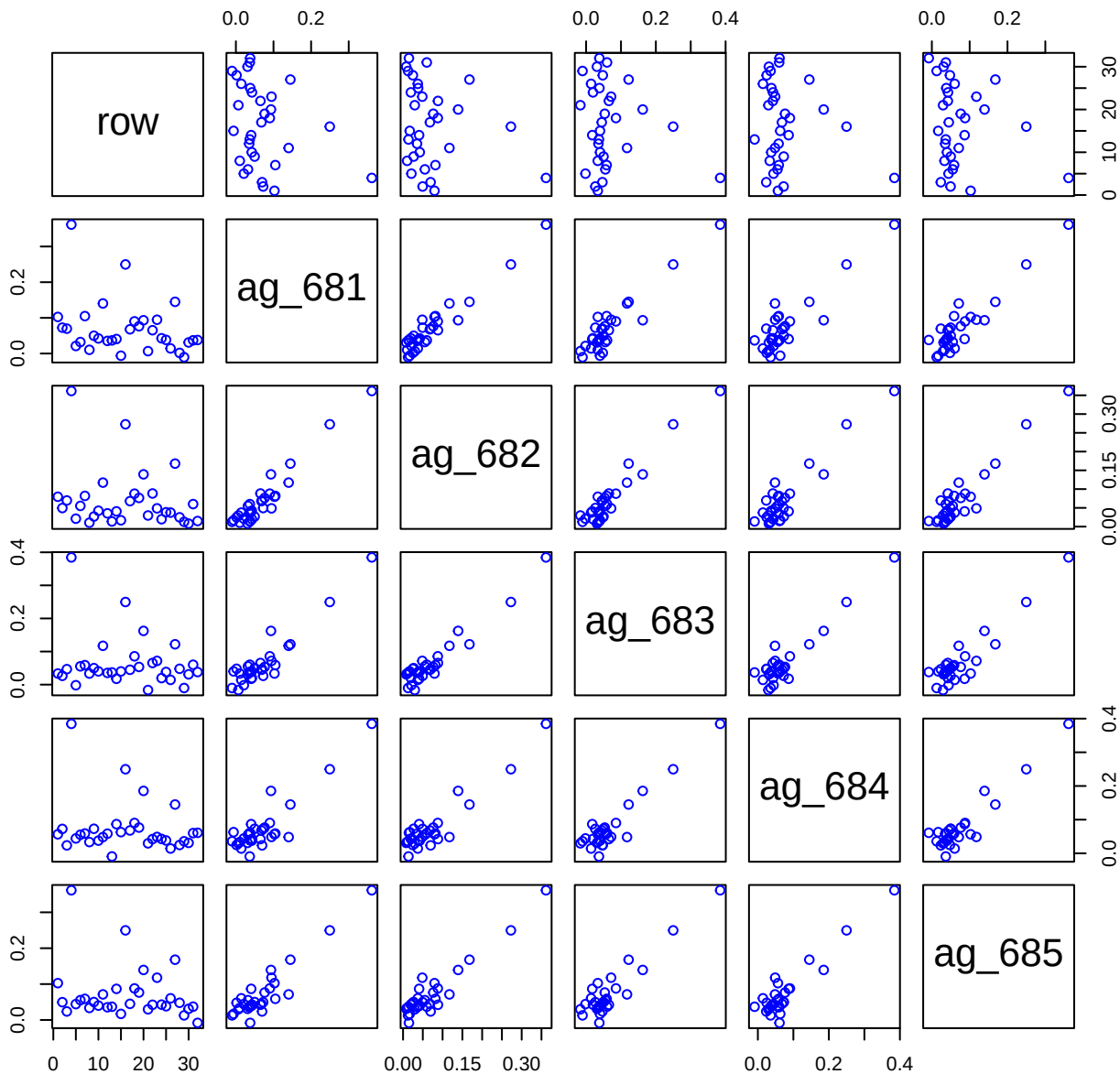
HF459-12 Plot 107



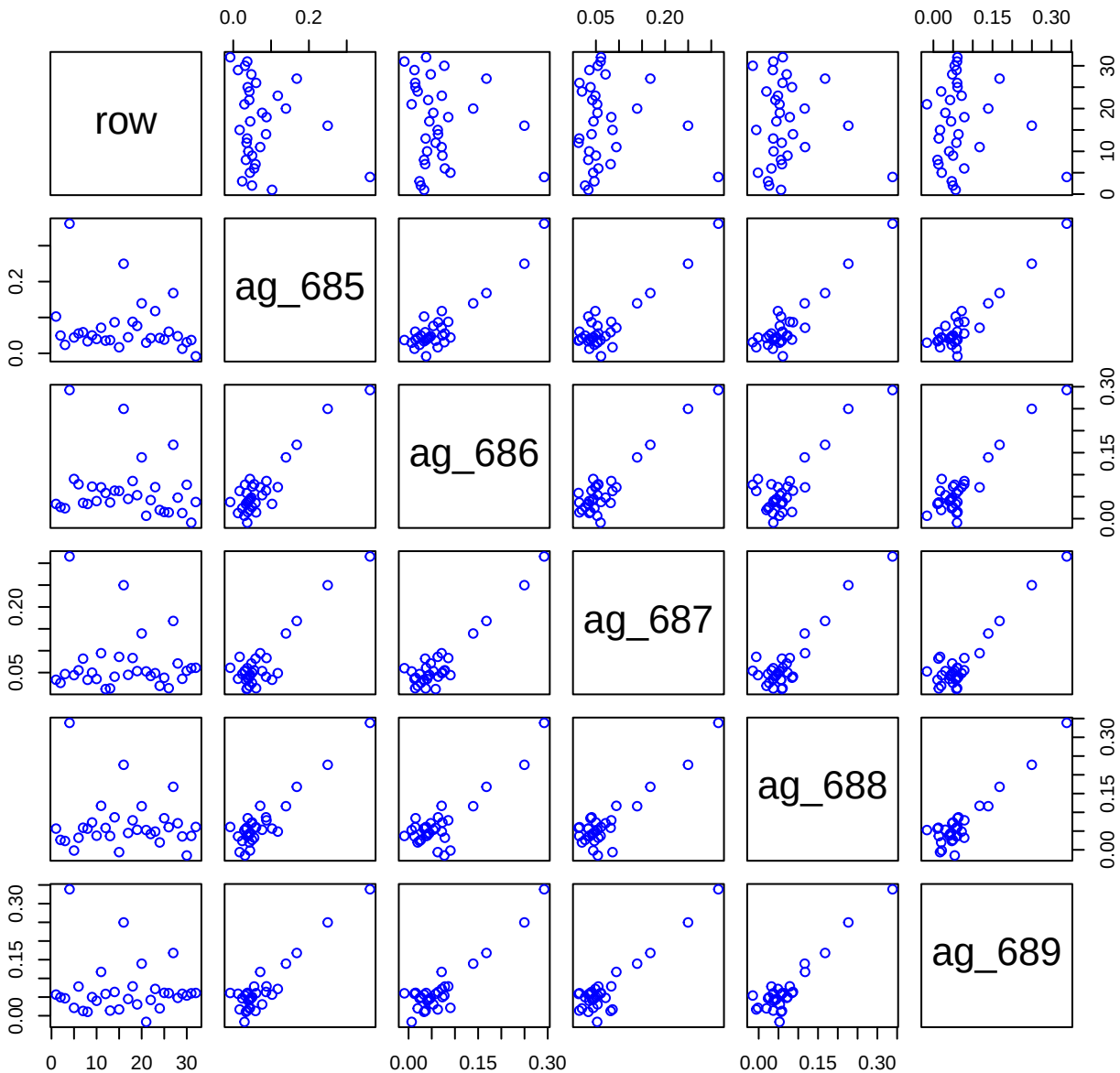
HF459-12 Plot 108



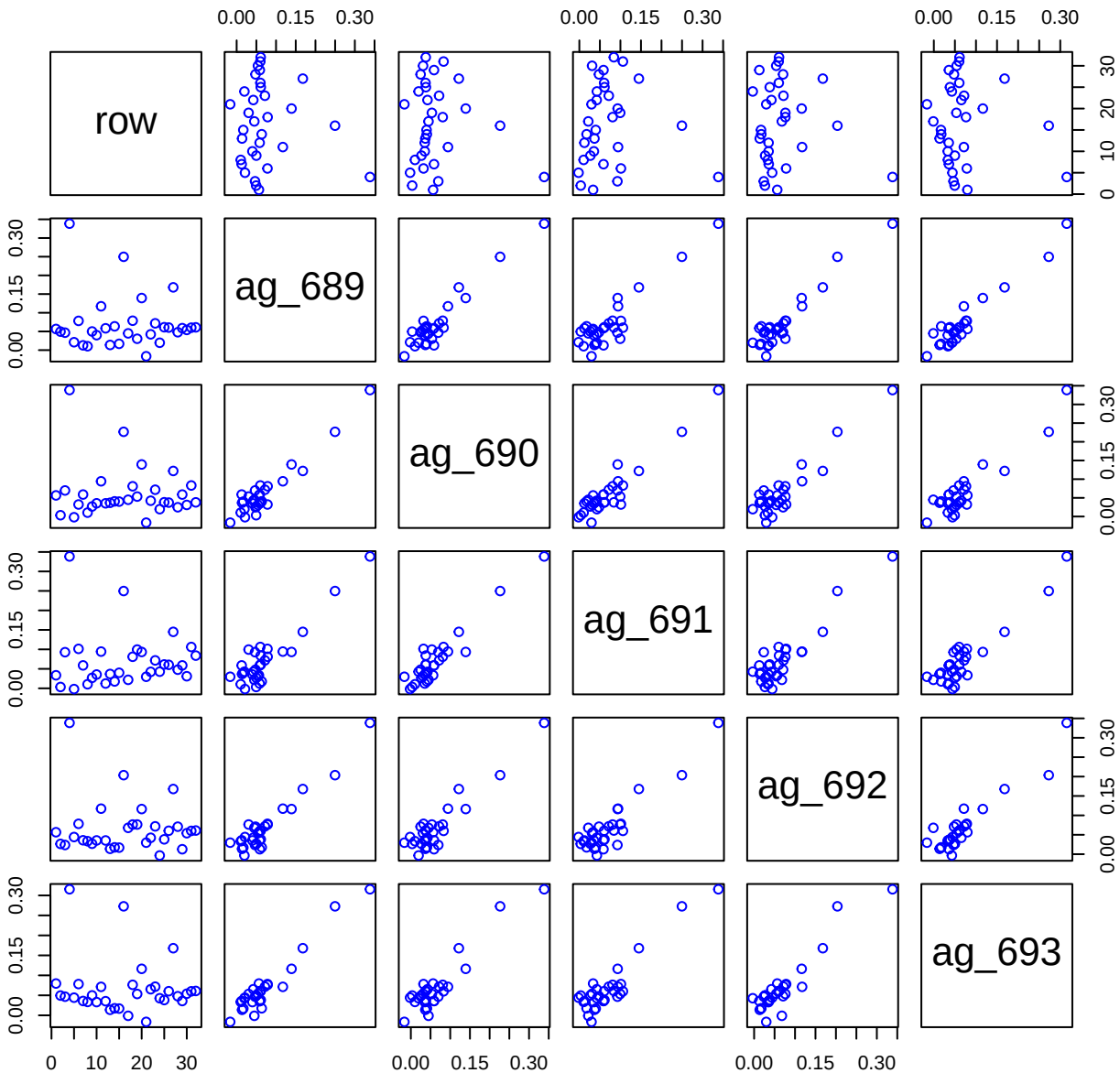
HF459-12 Plot 109



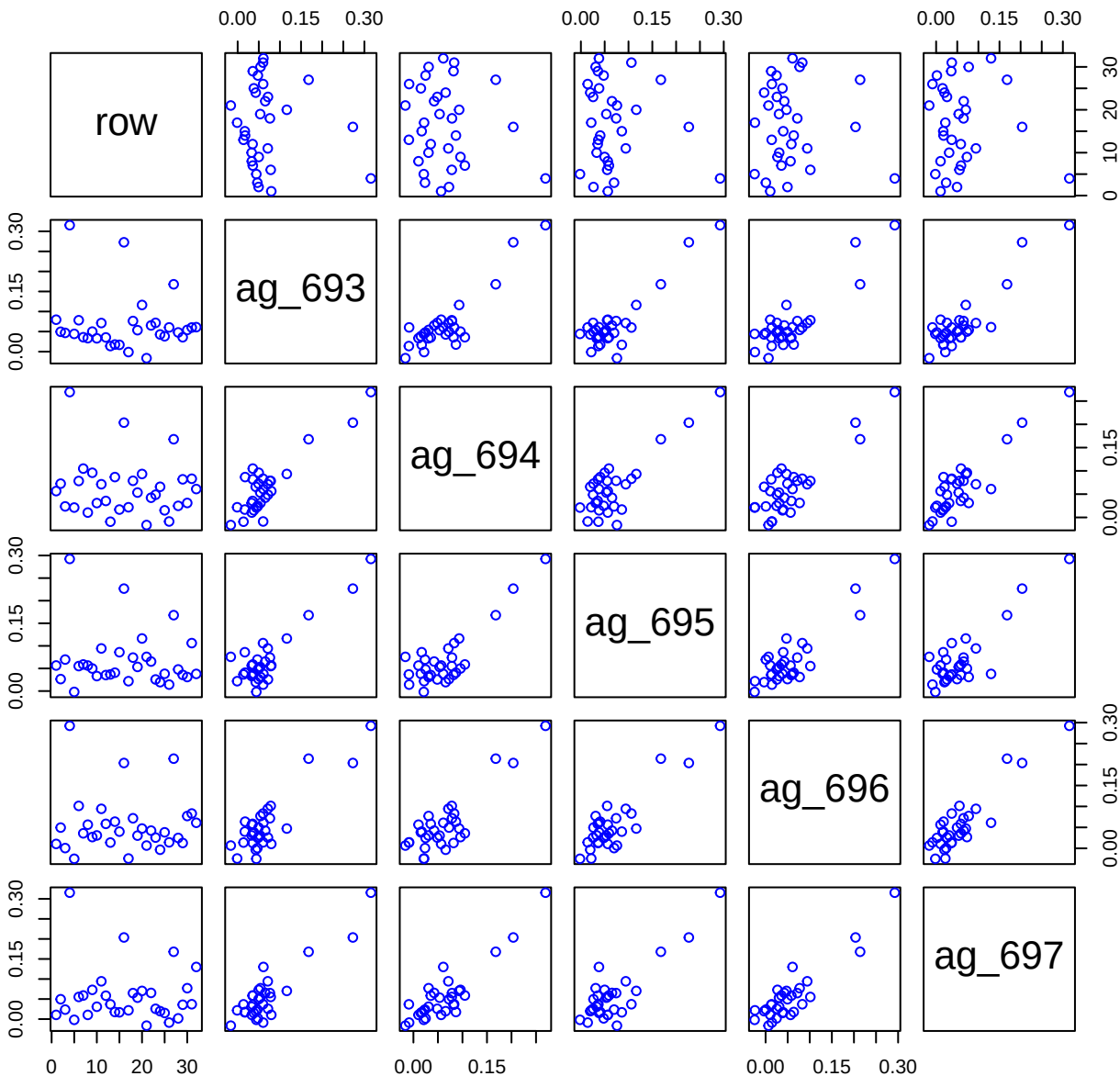
HF459-12 Plot 110



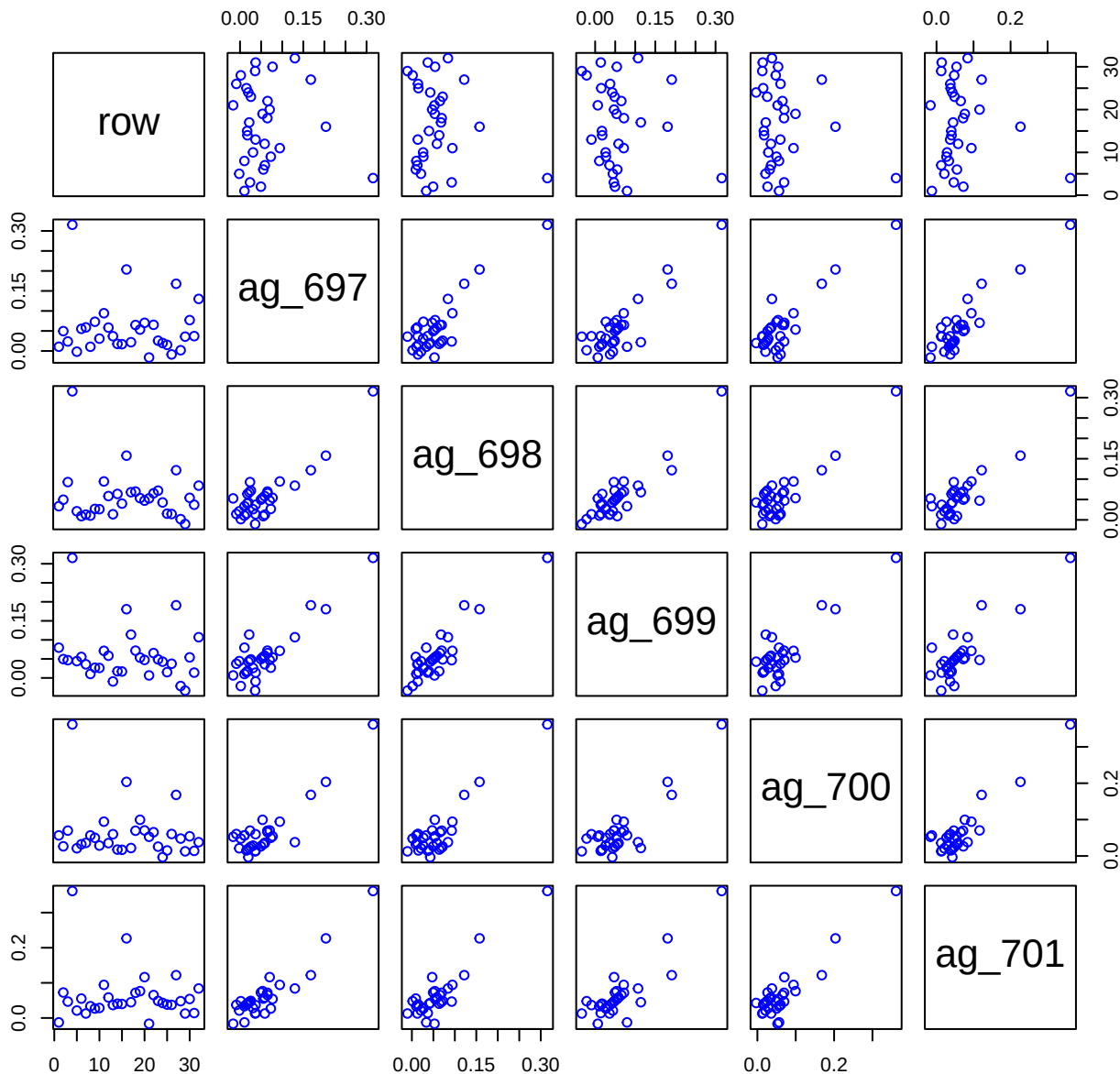
HF459-12 Plot 111



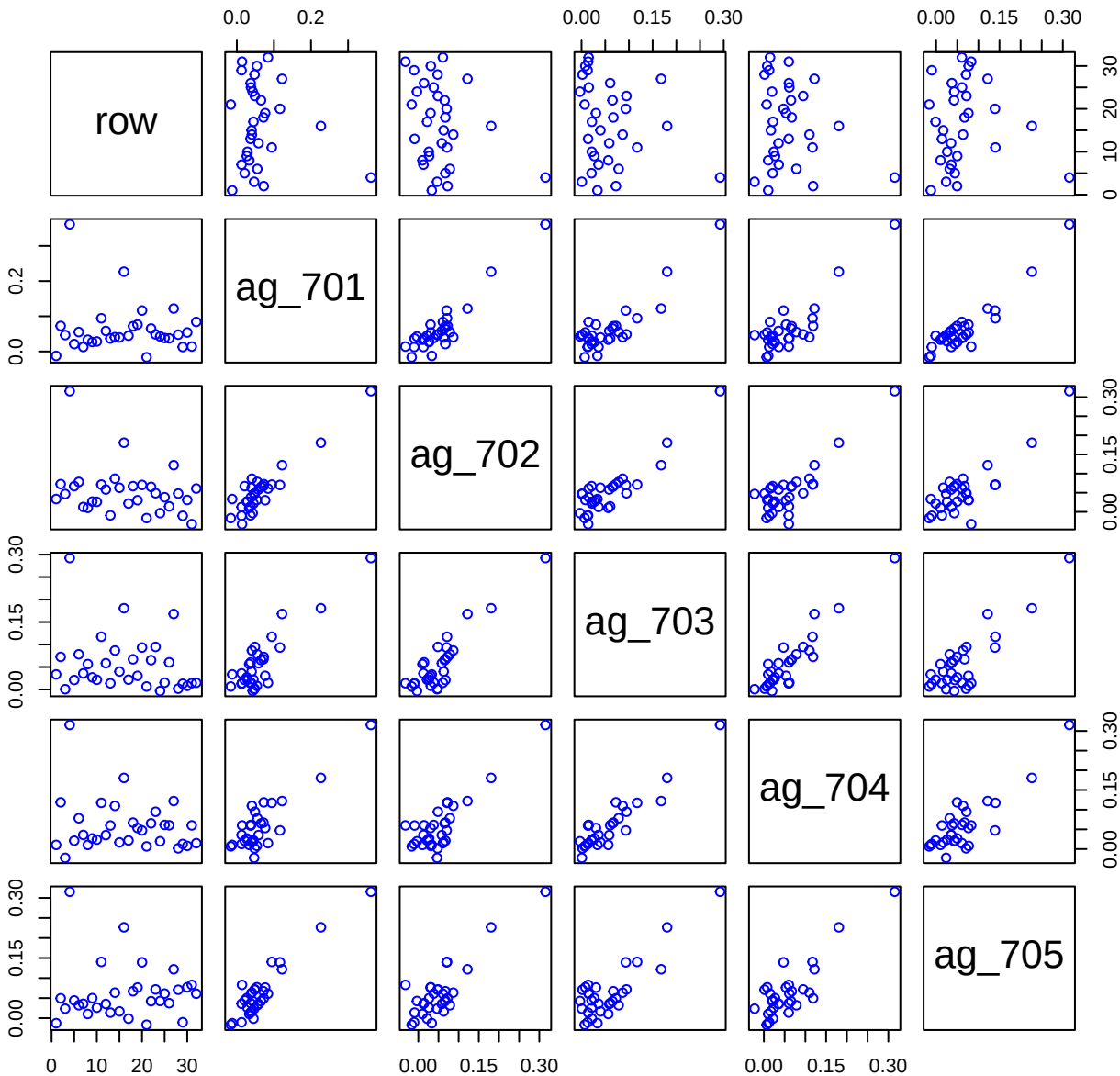
HF459-12 Plot 112



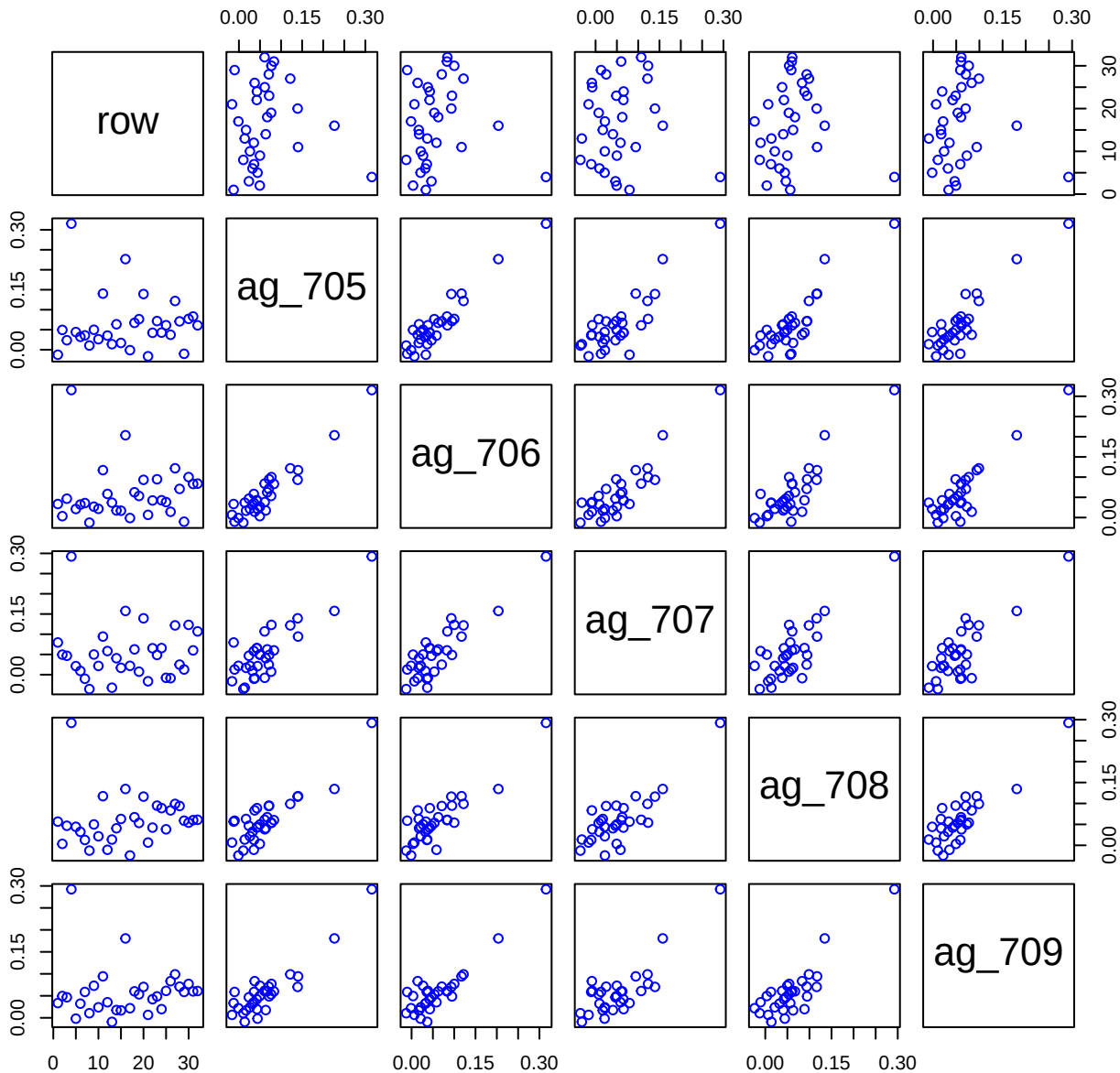
HF459-12 Plot 113



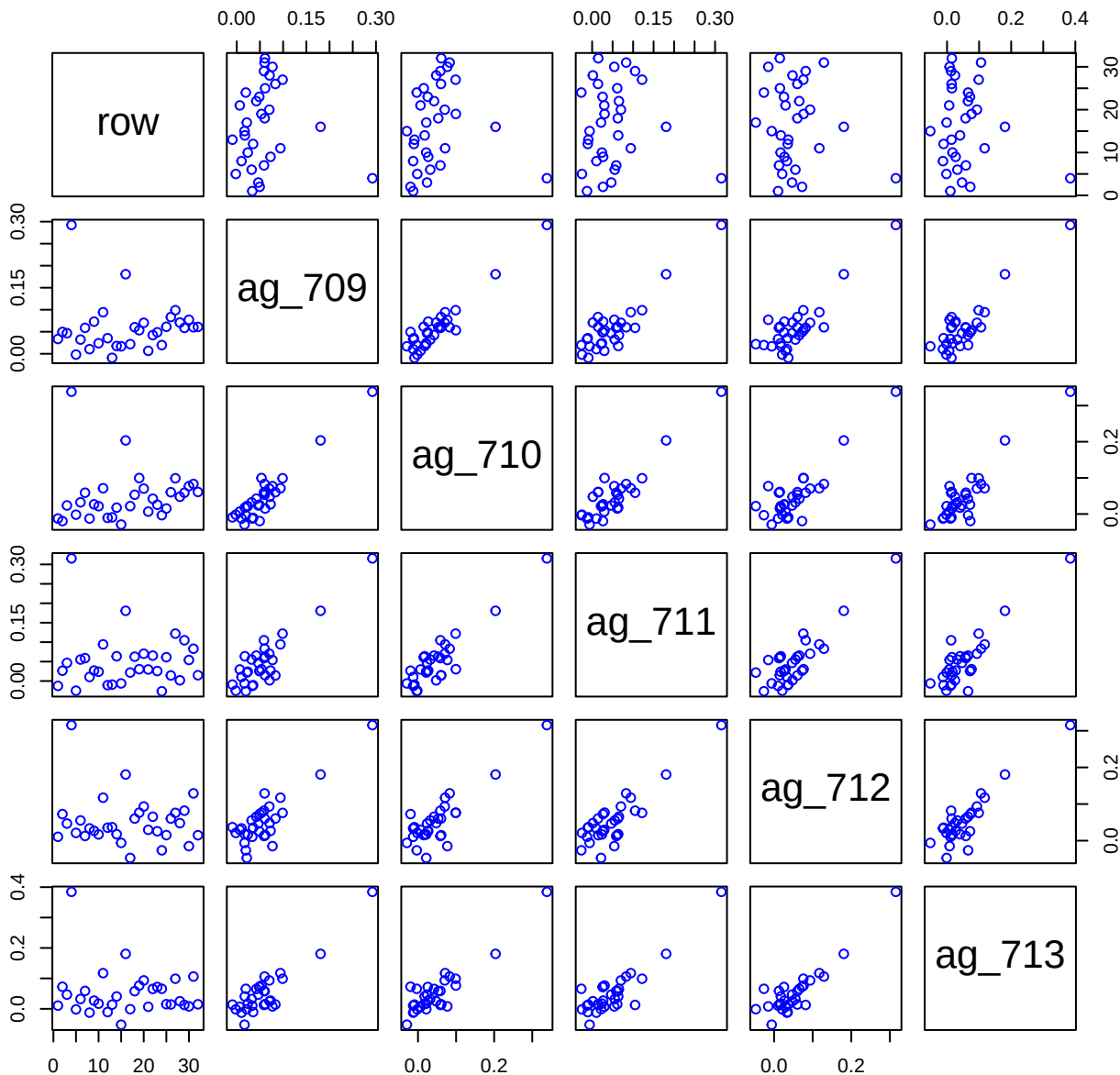
HF459-12 Plot 114



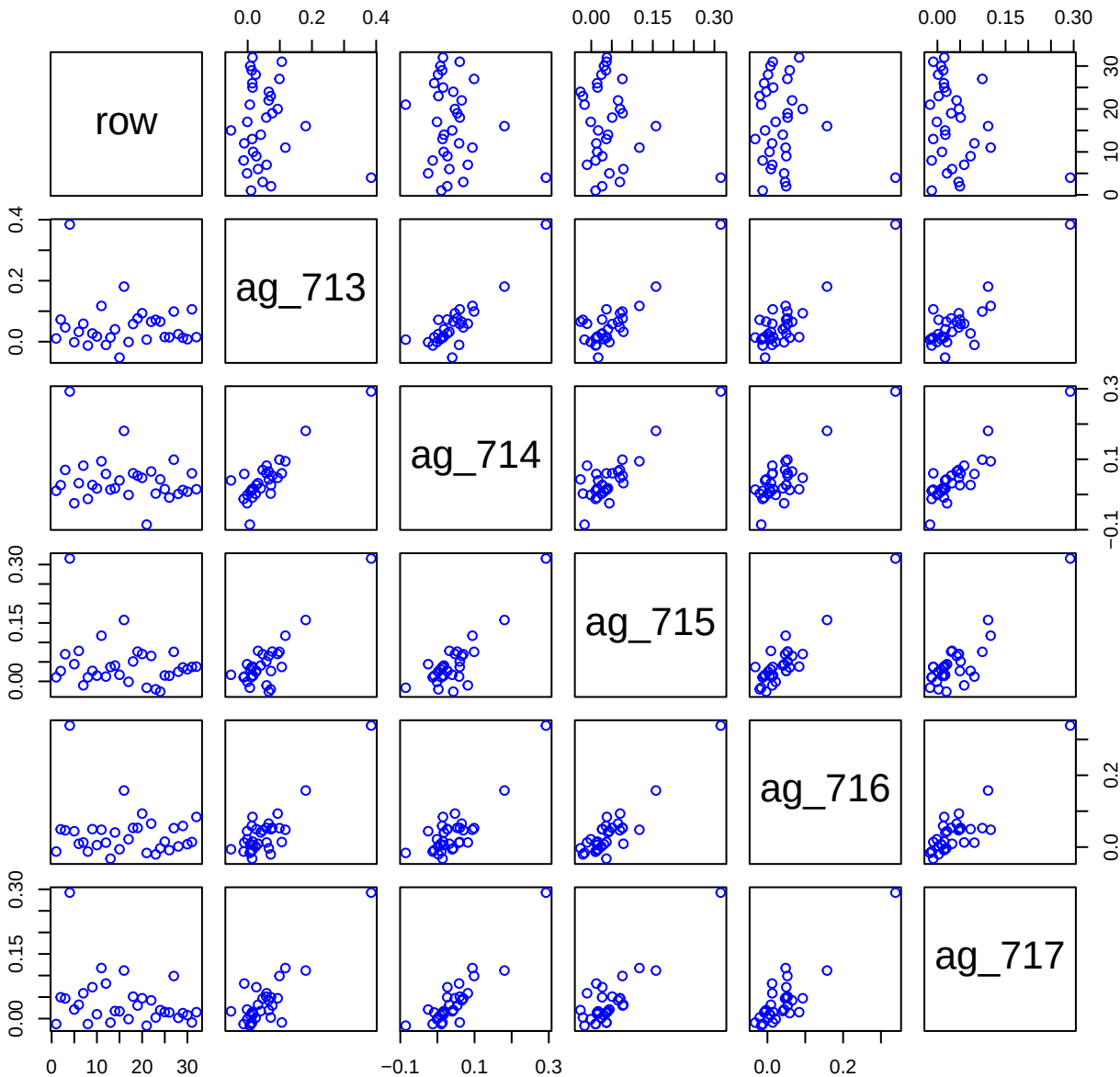
HF459-12 Plot 115



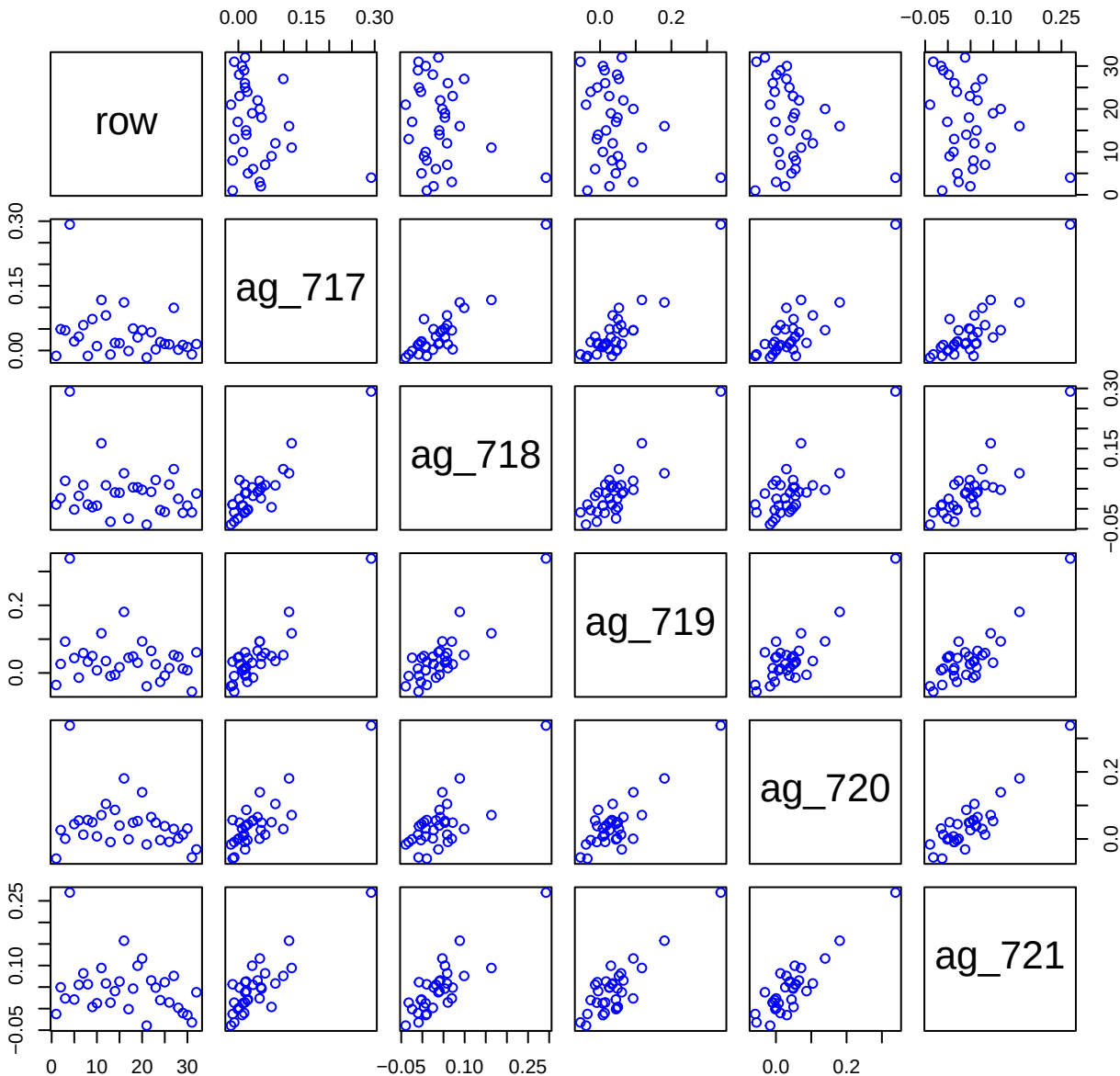
HF459-12 Plot 116



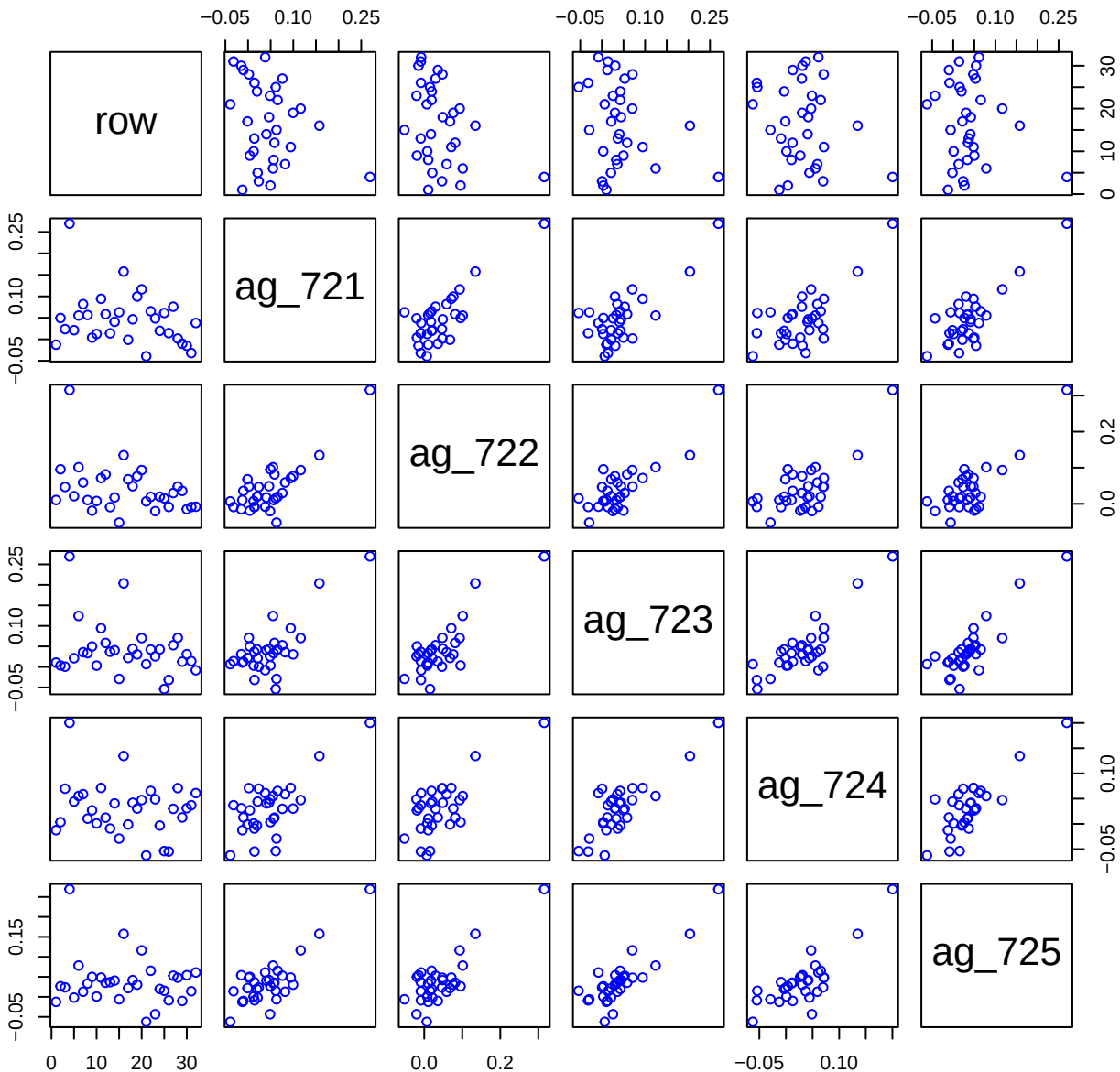
HF459-12 Plot 117



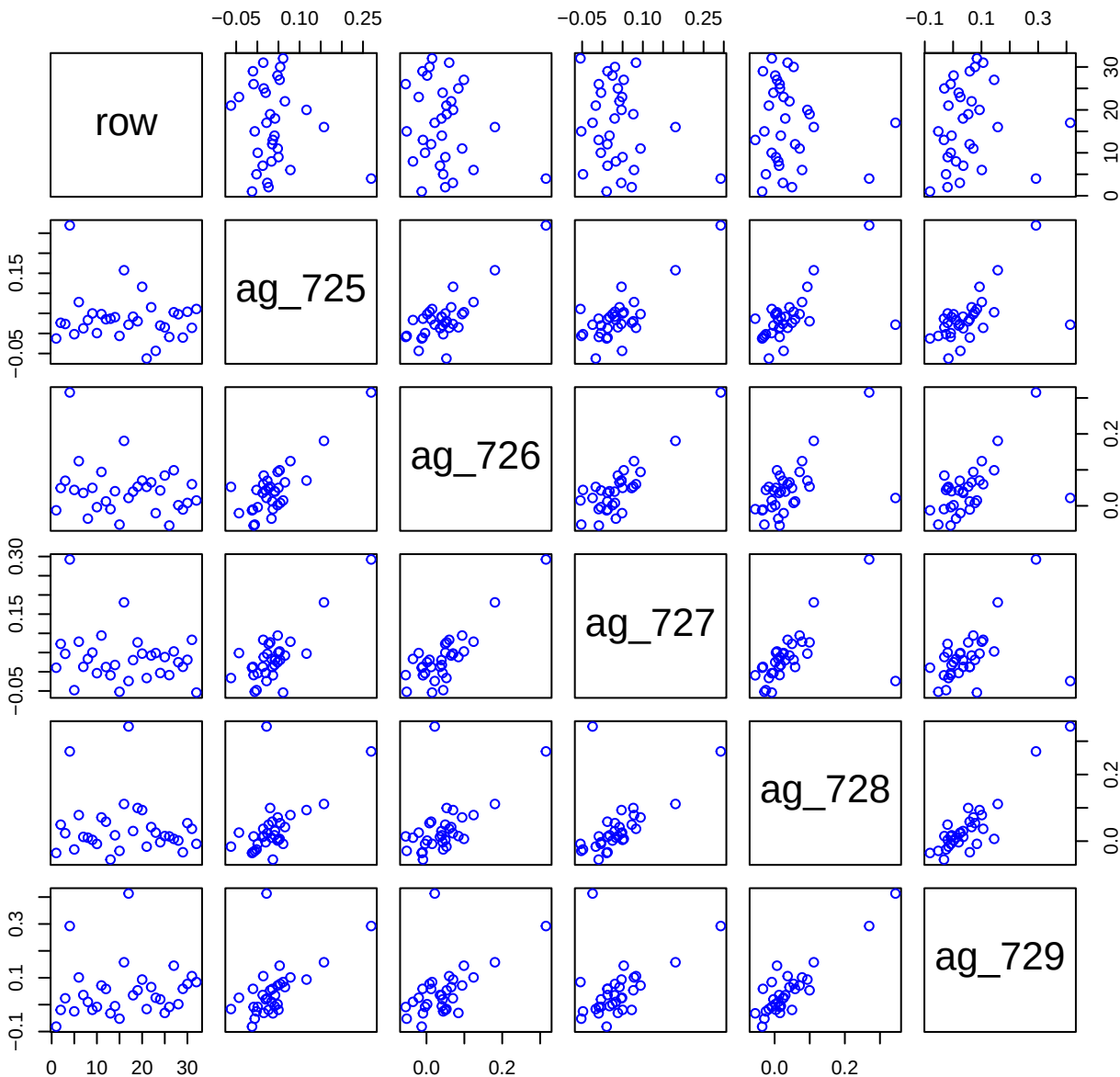
HF459-12 Plot 118



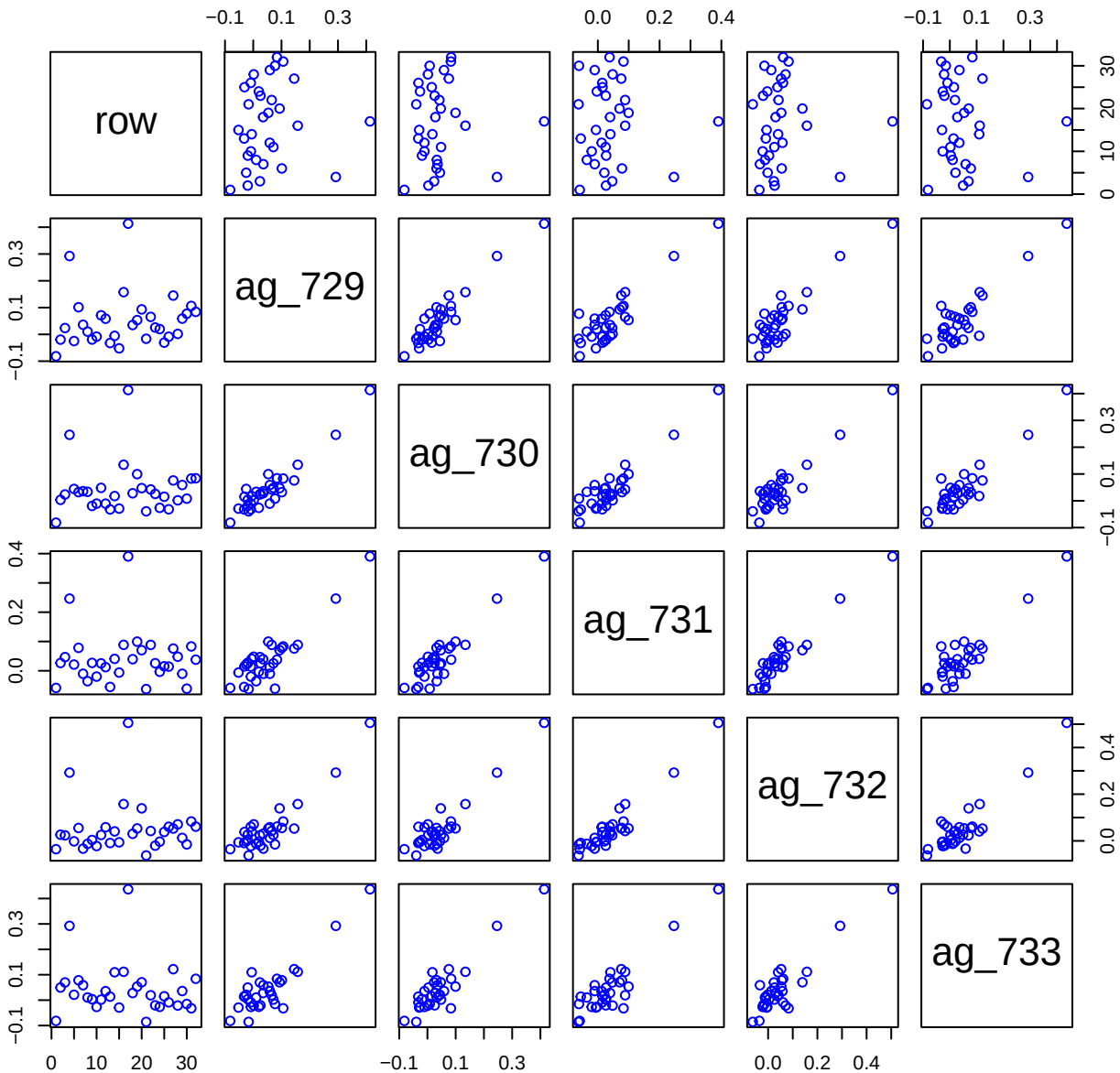
HF459-12 Plot 119



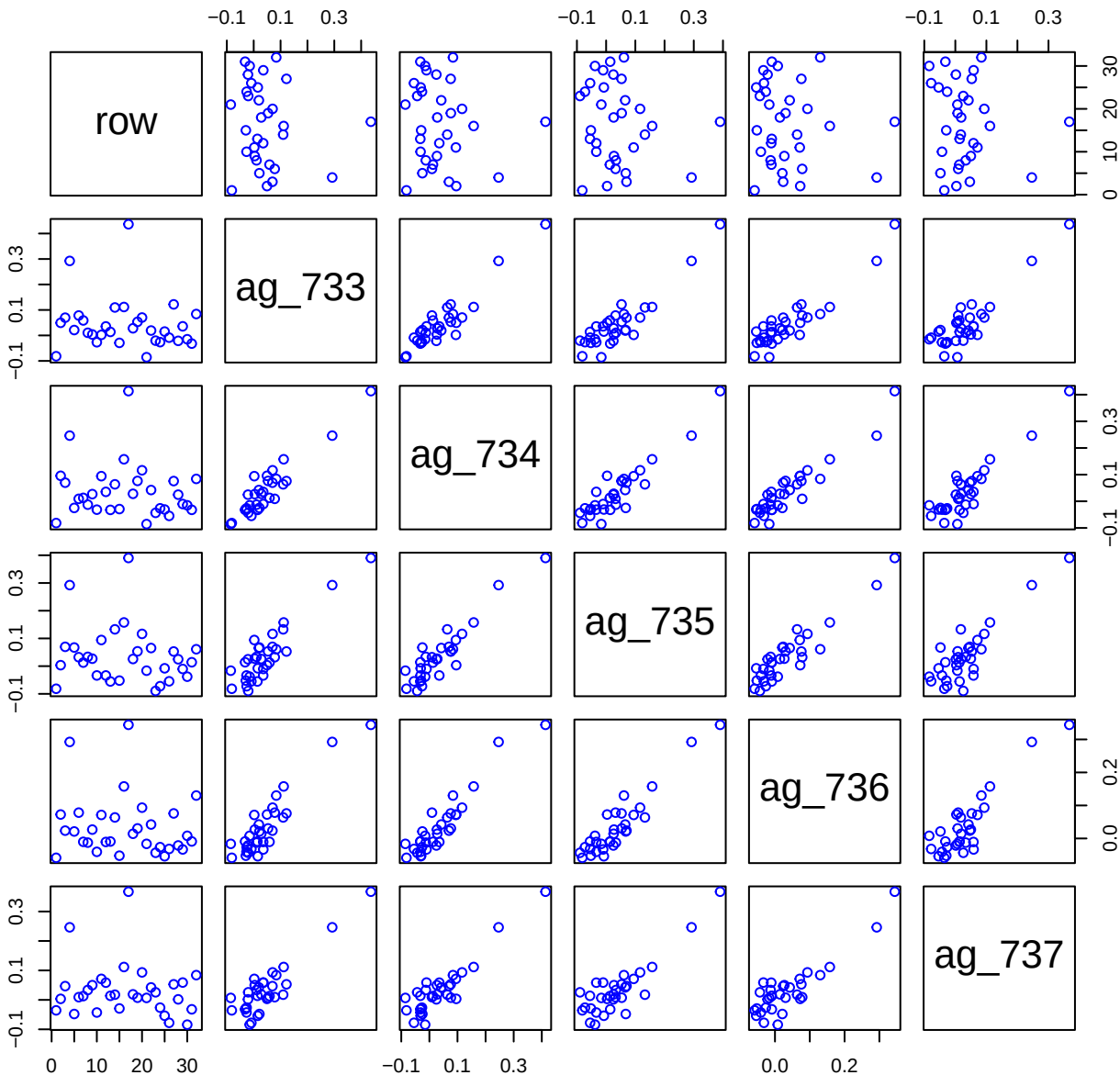
HF459-12 Plot 120



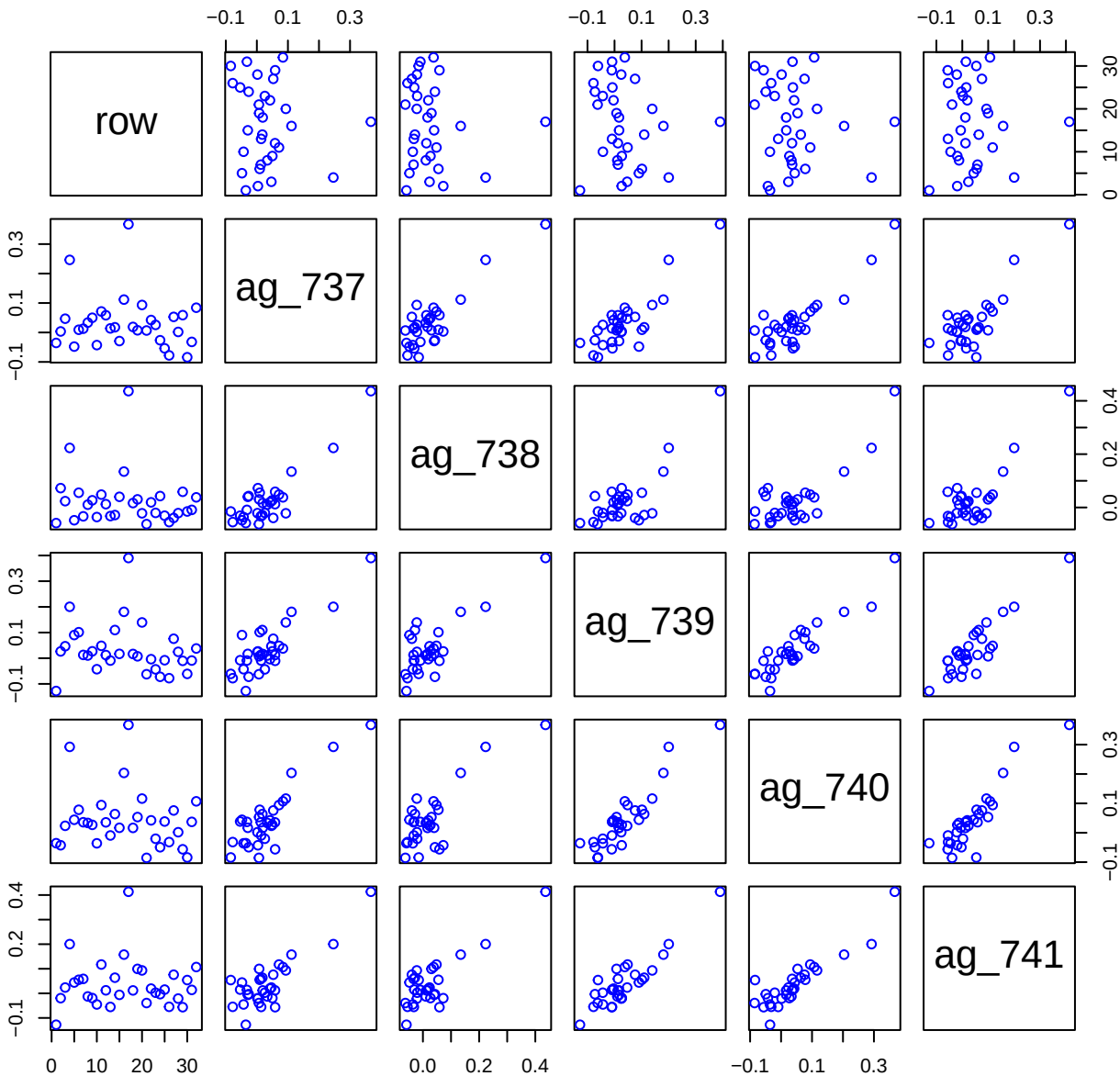
HF459-12 Plot 121



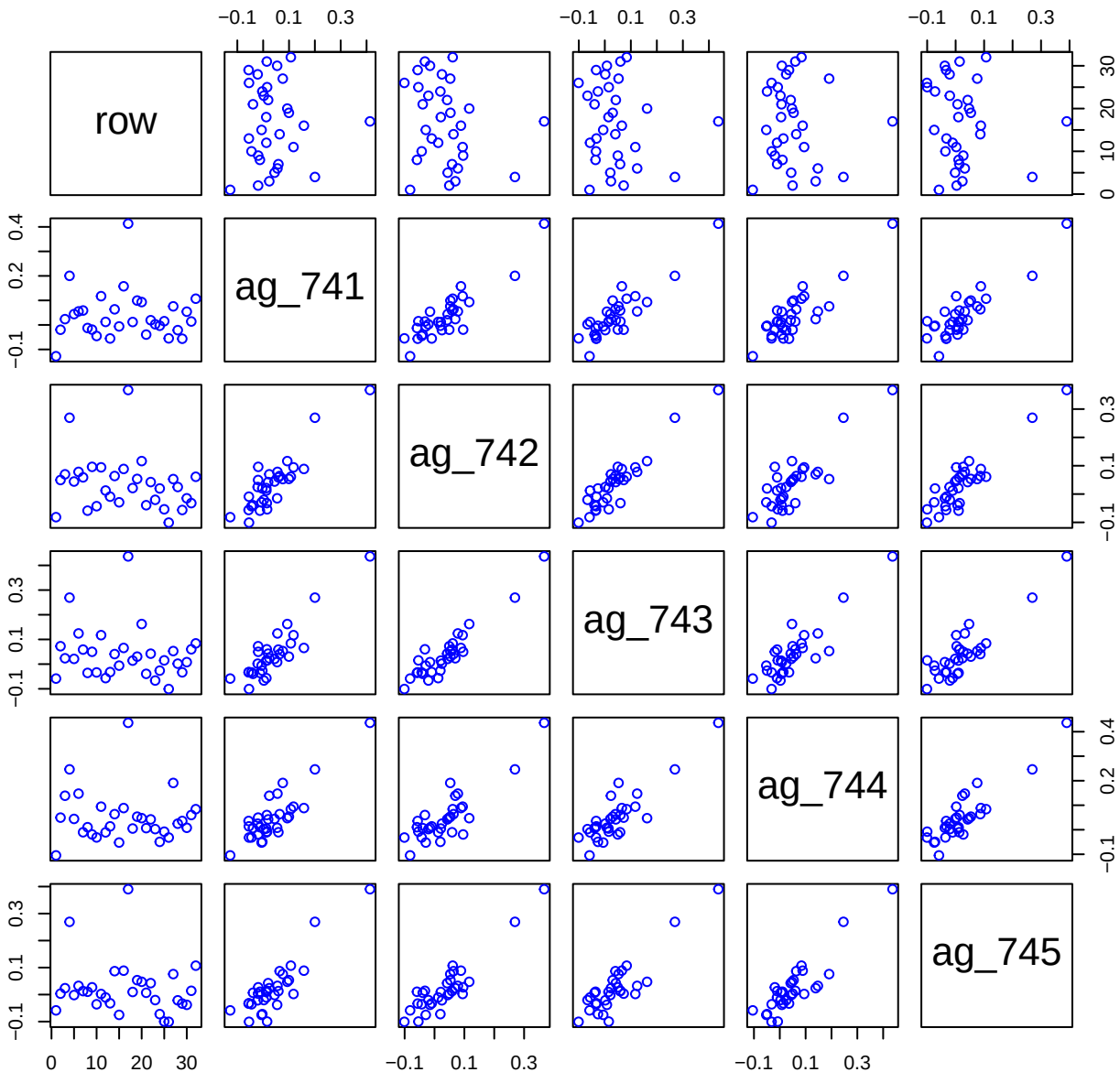
HF459-12 Plot 122



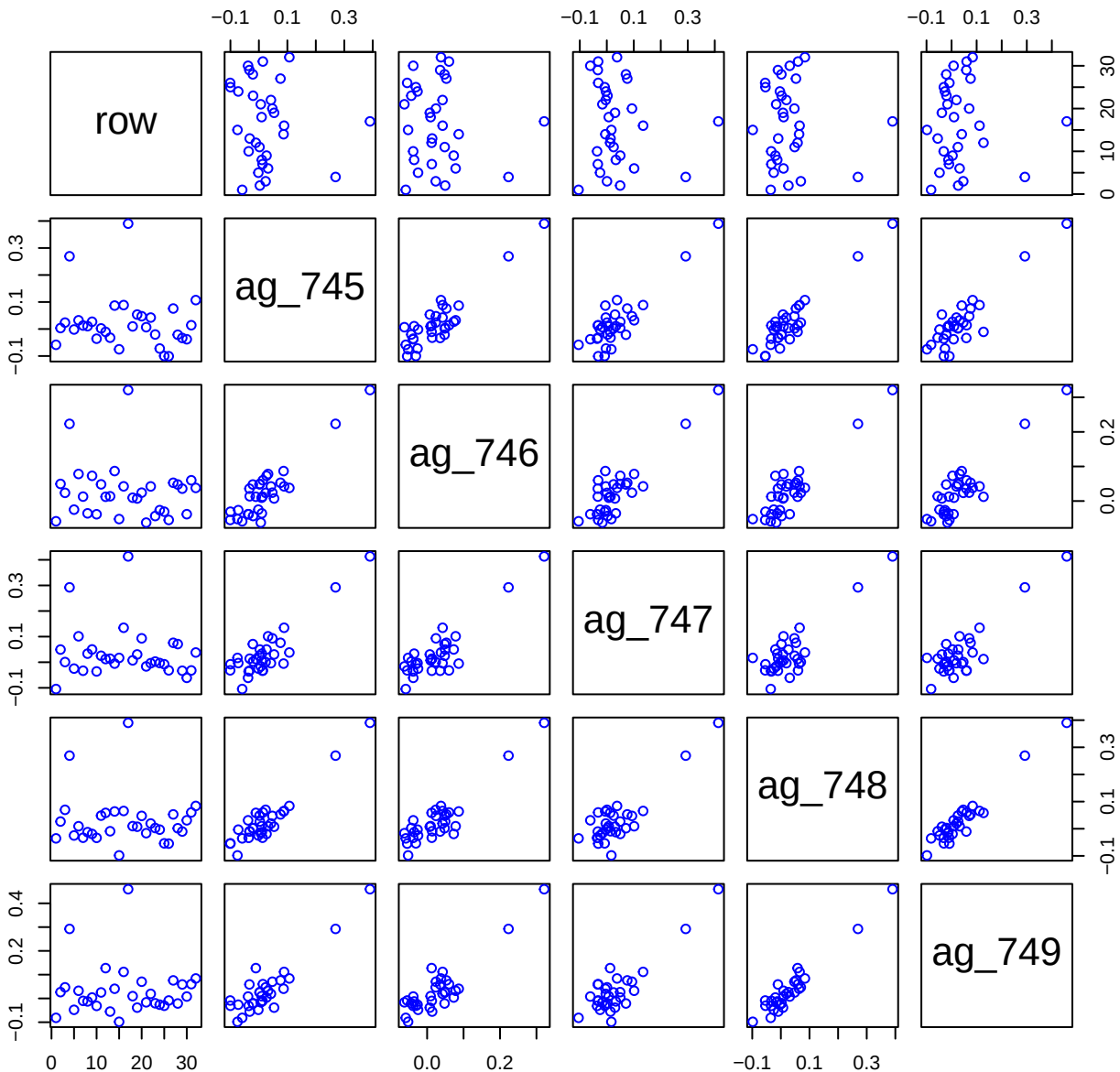
HF459-12 Plot 123



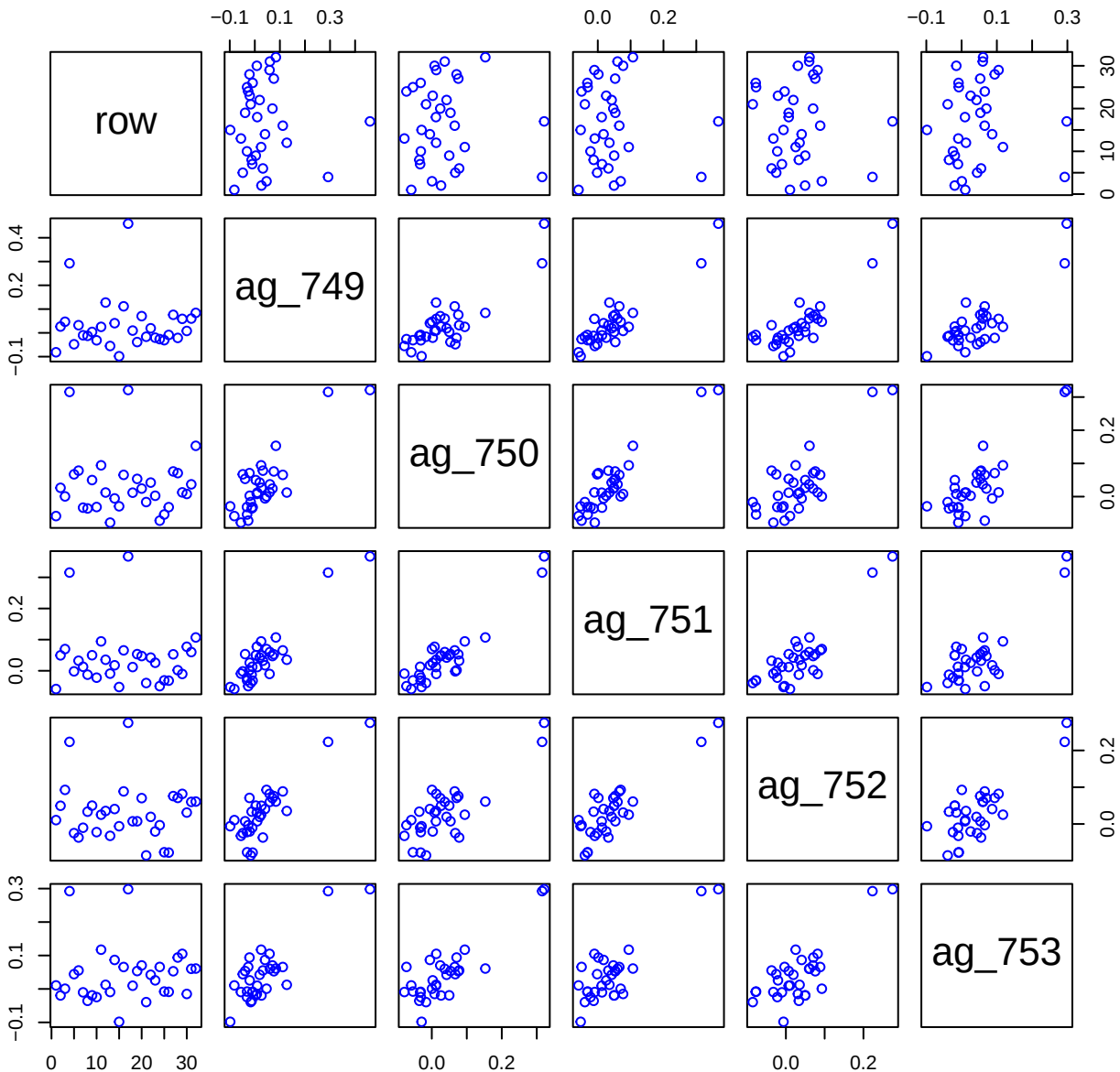
HF459-12 Plot 124



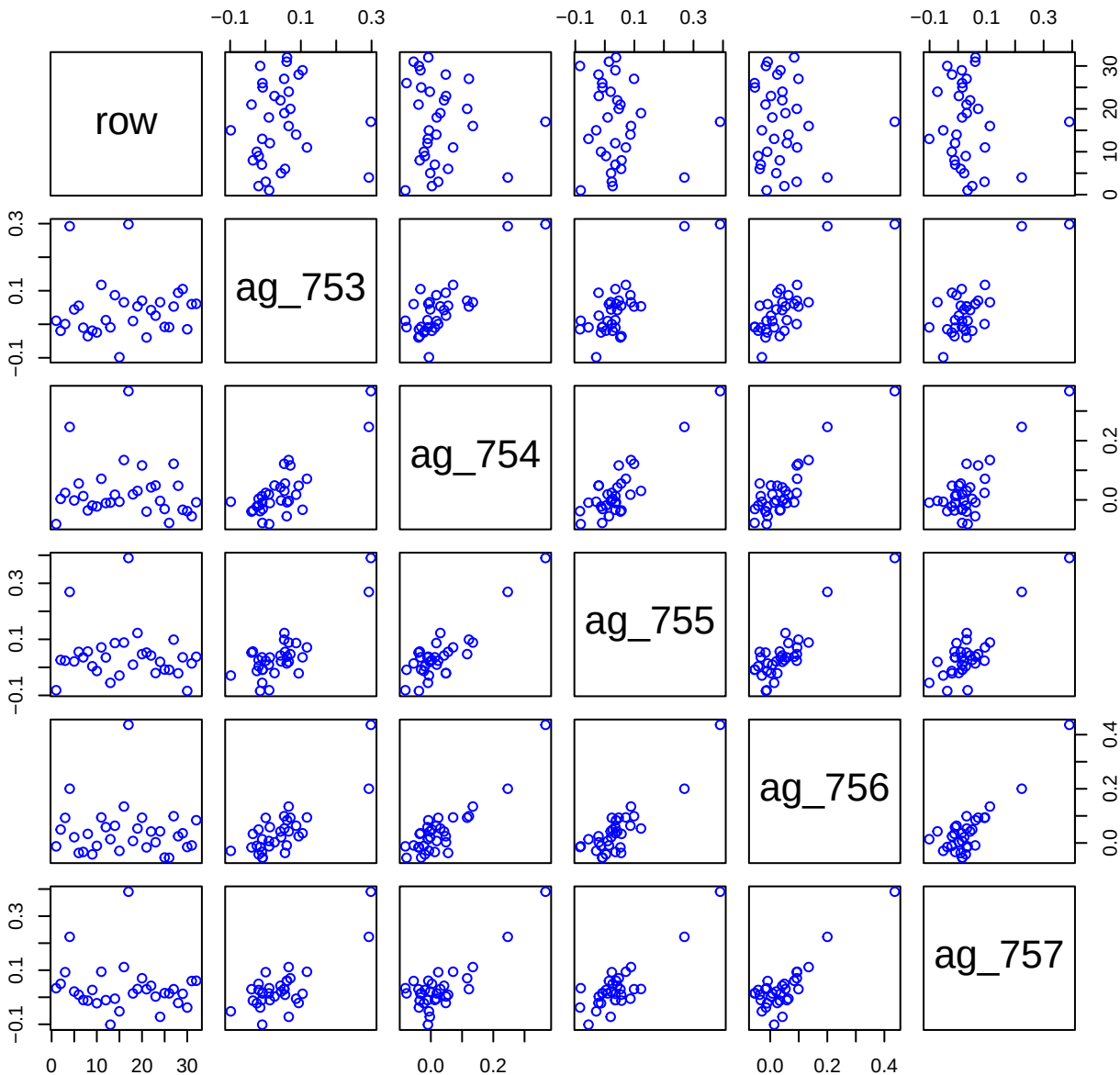
HF459-12 Plot 125



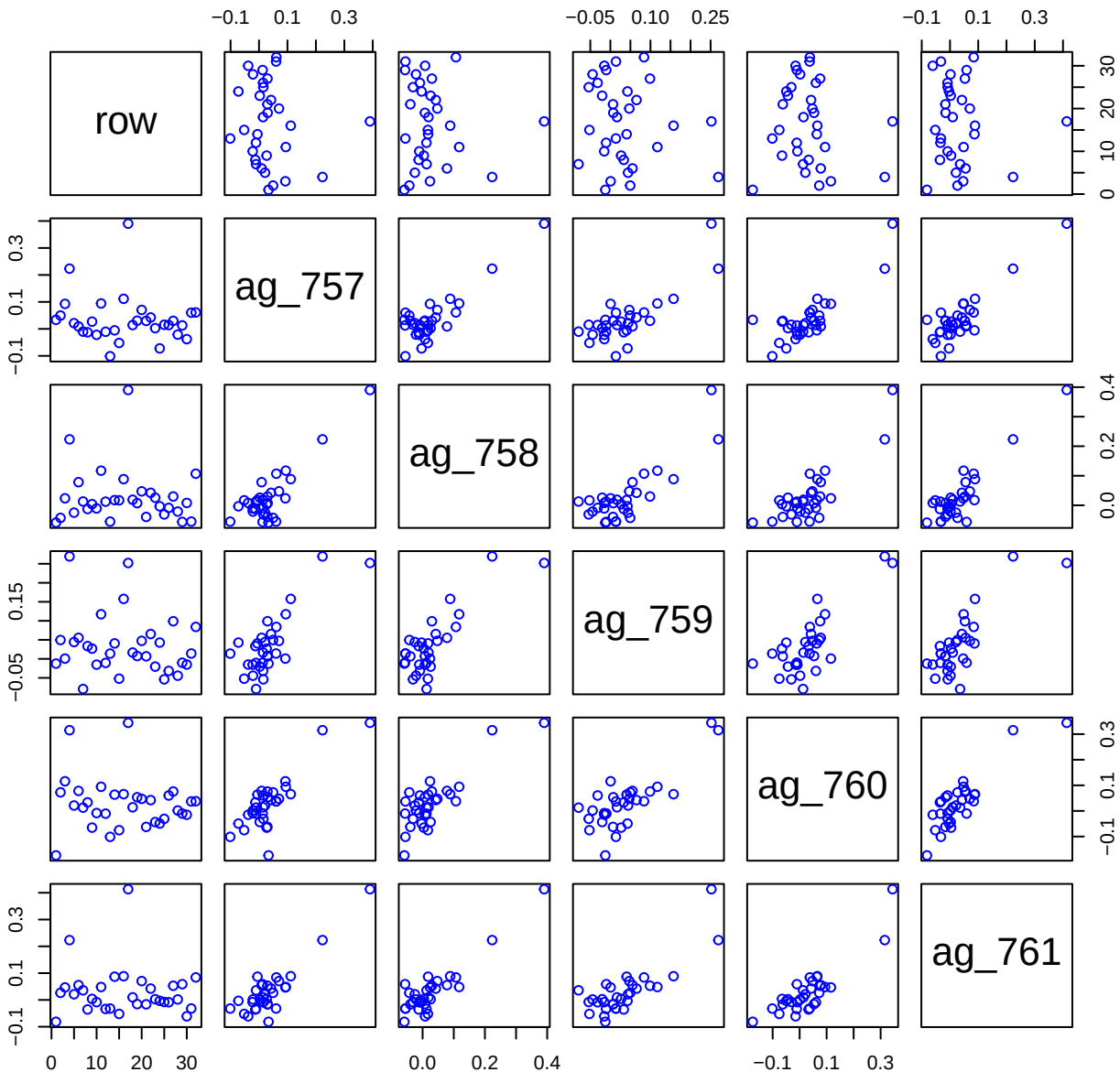
HF459-12 Plot 126



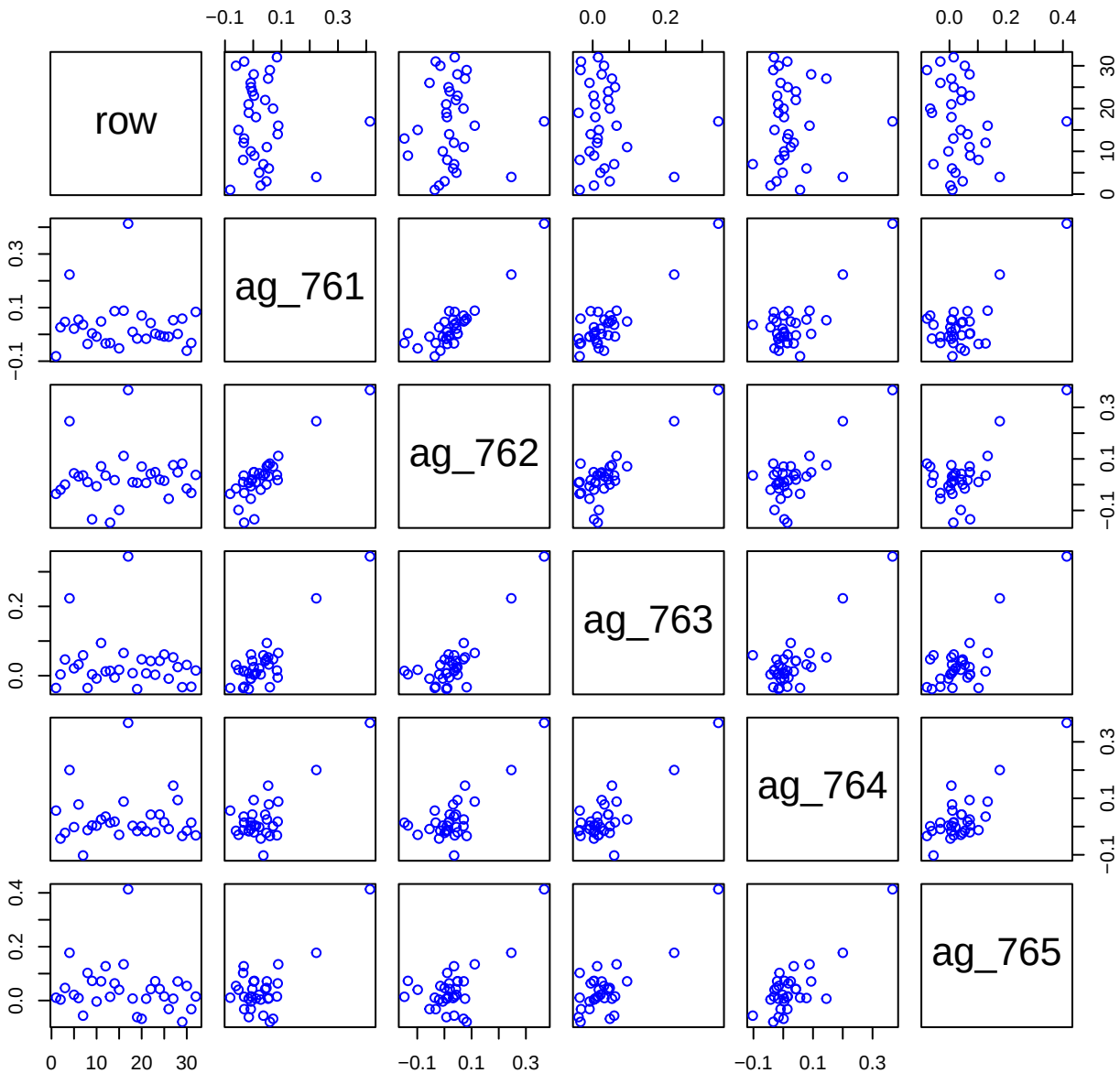
HF459-12 Plot 127



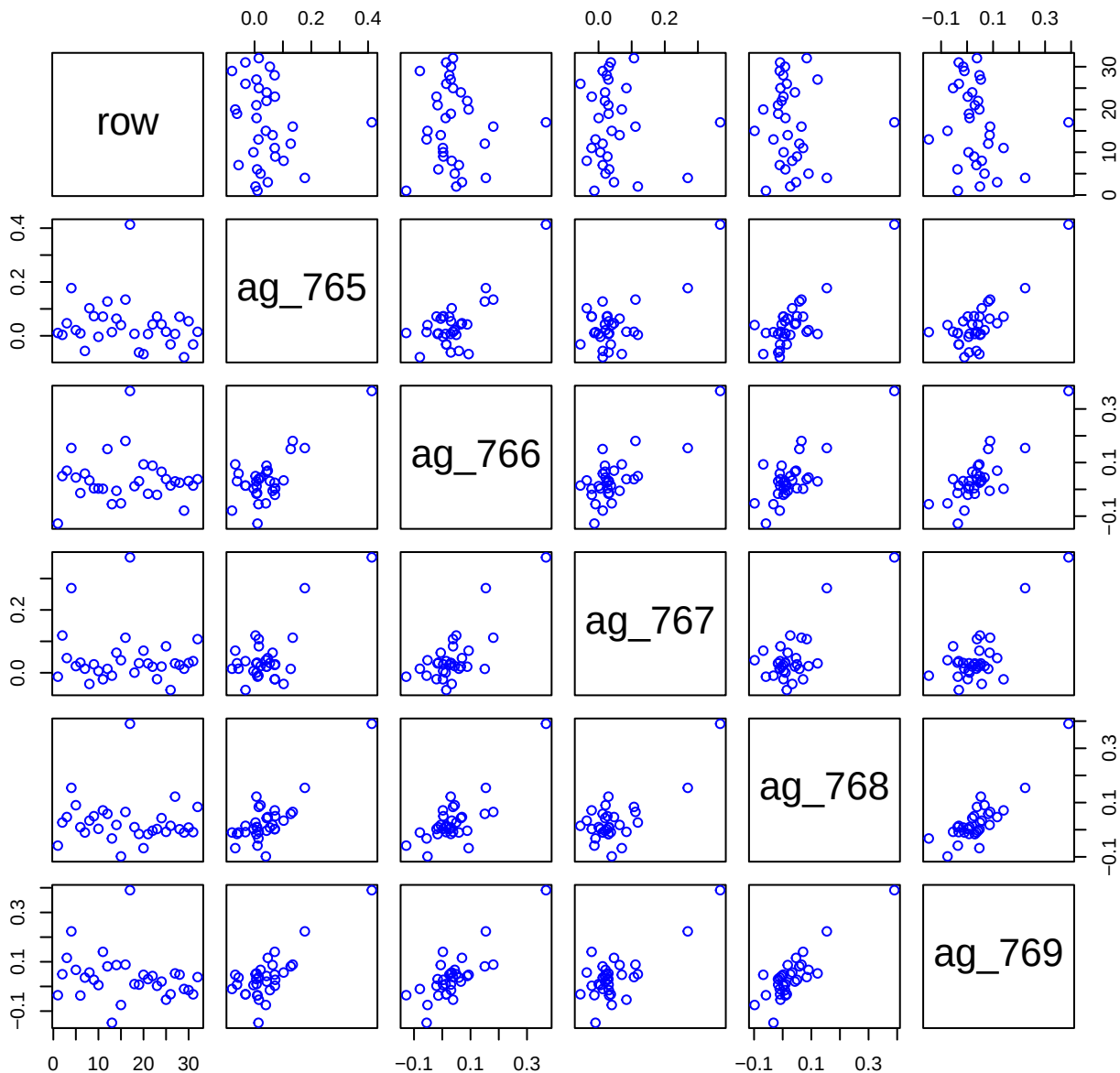
HF459-12 Plot 128



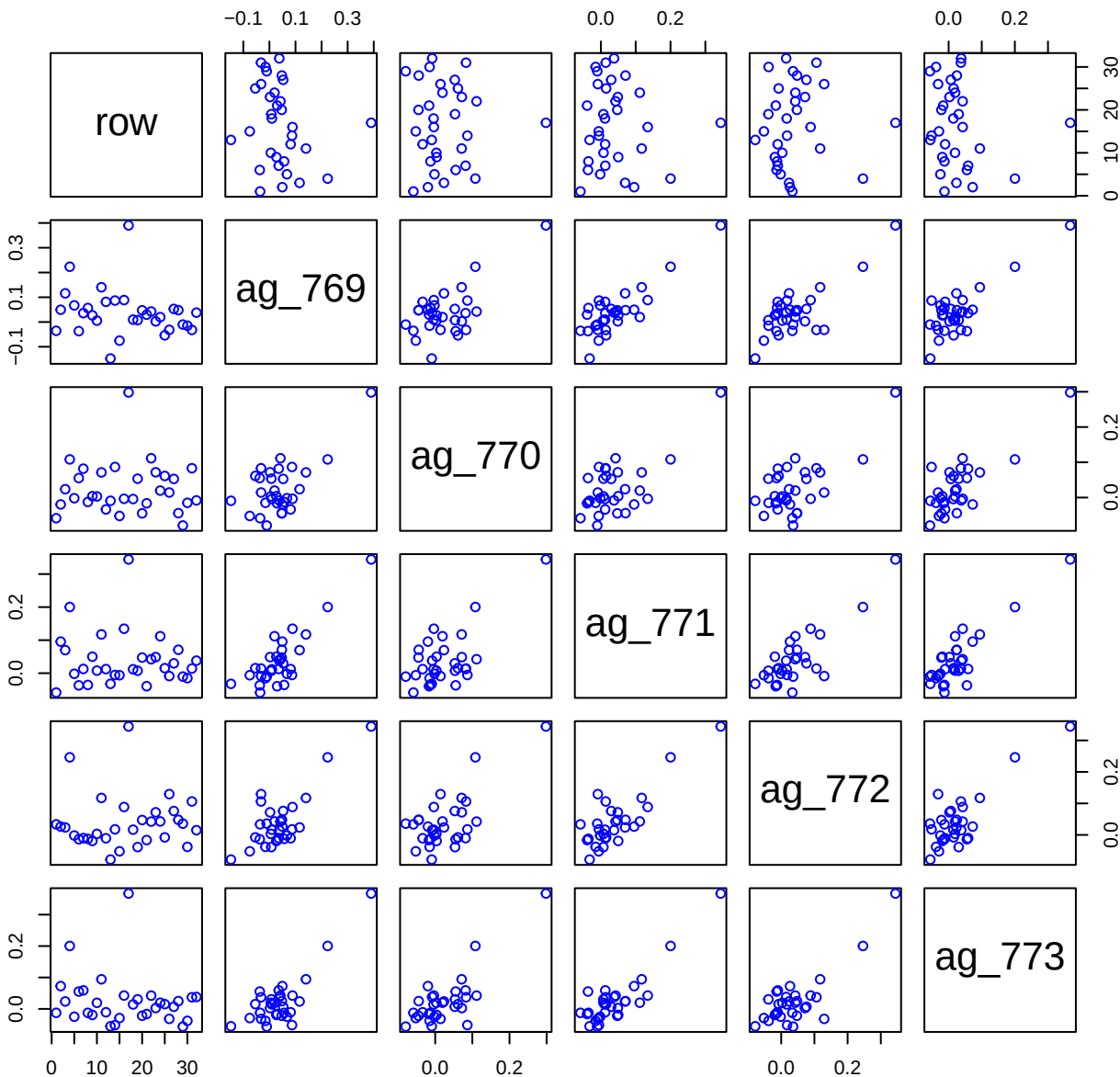
HF459-12 Plot 129



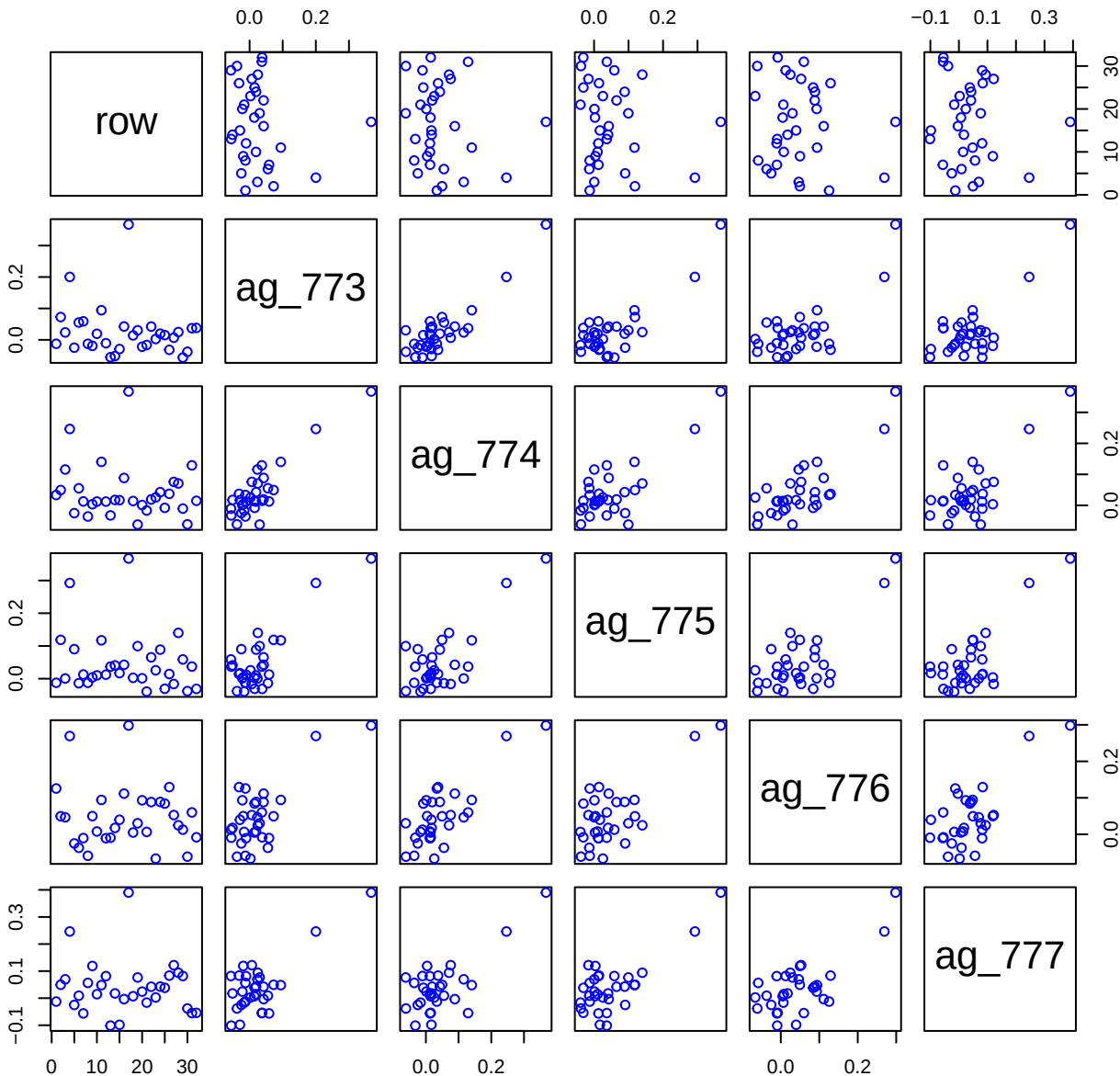
HF459-12 Plot 130



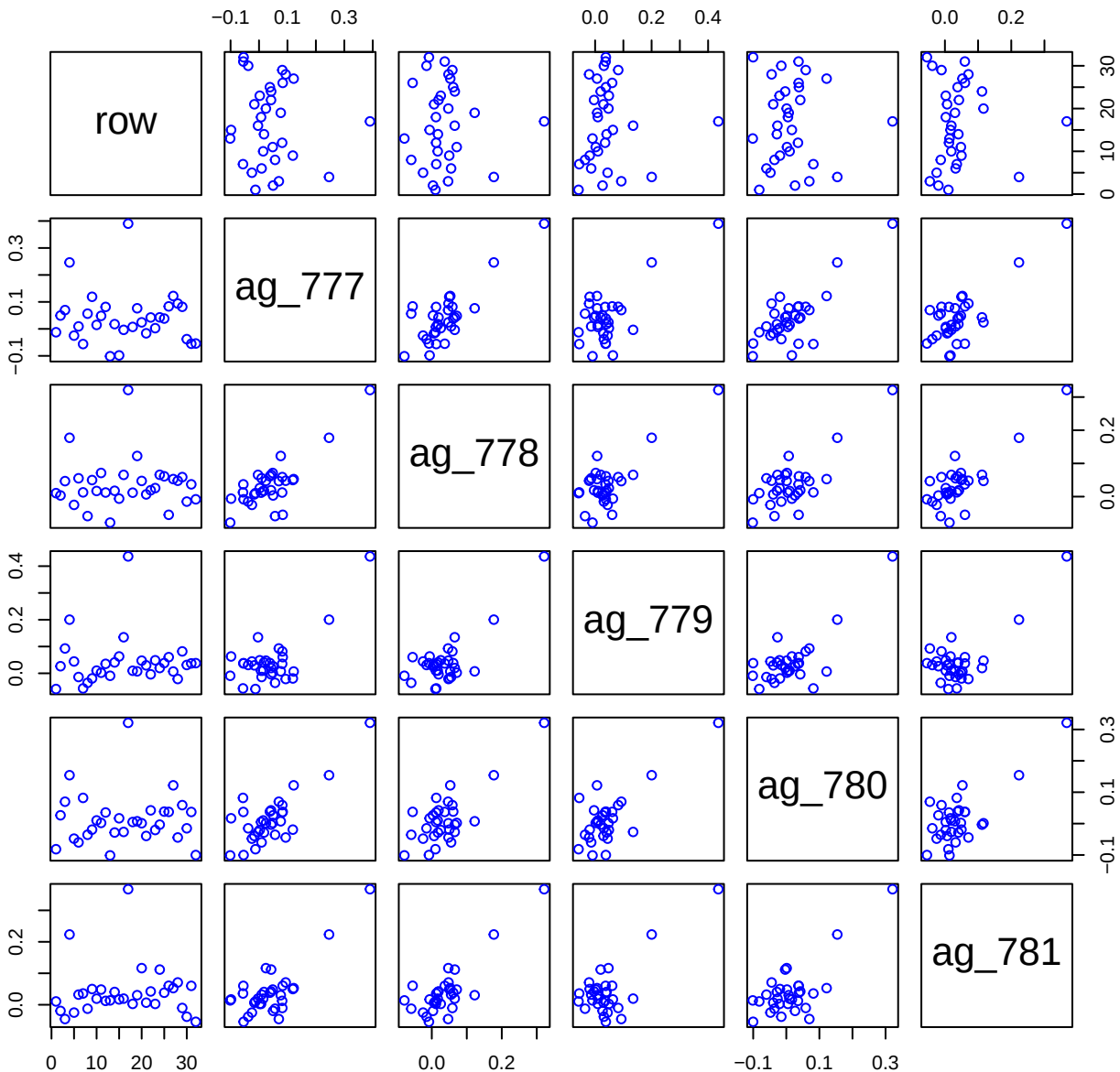
HF459-12 Plot 131



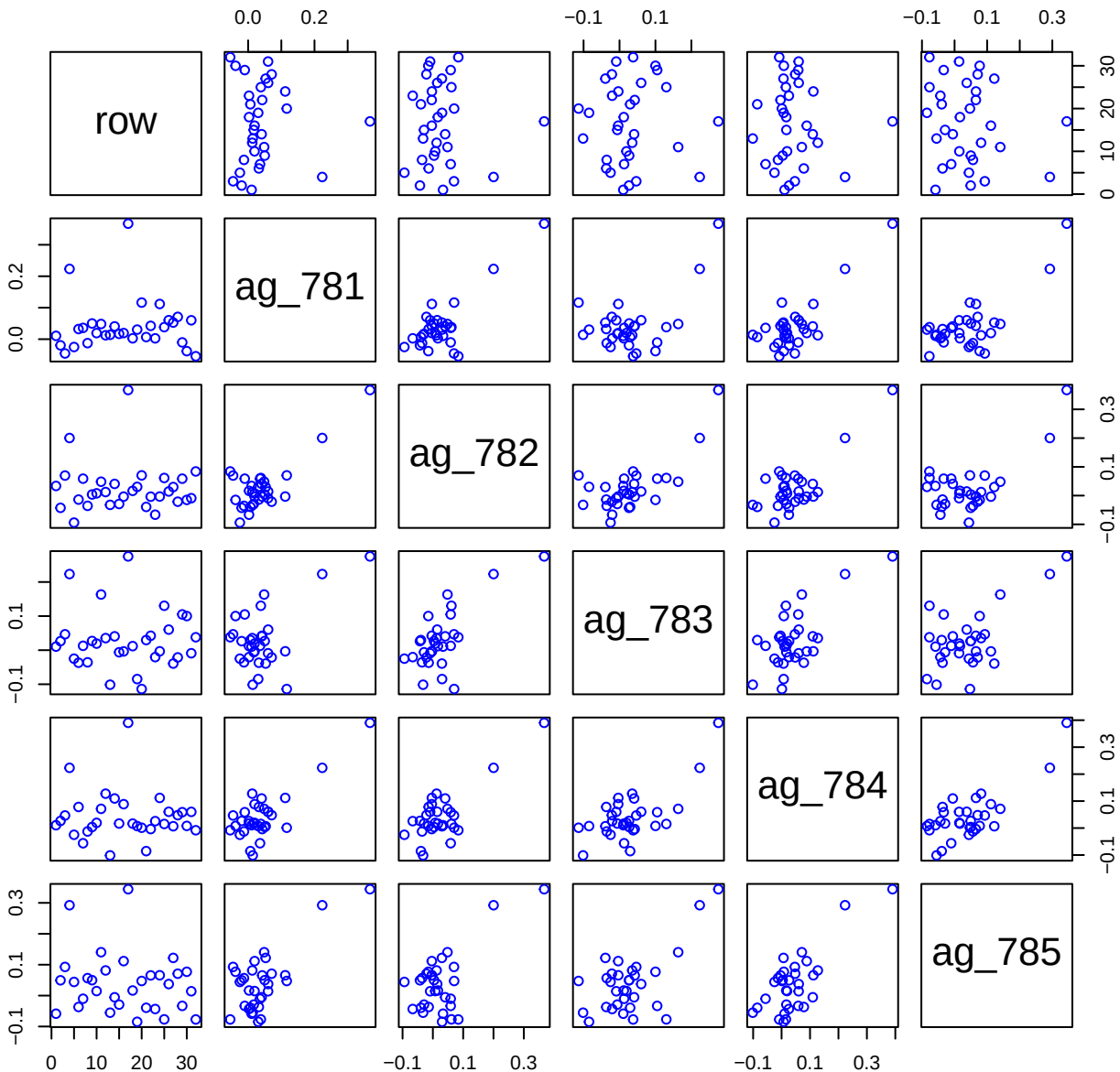
HF459-12 Plot 132



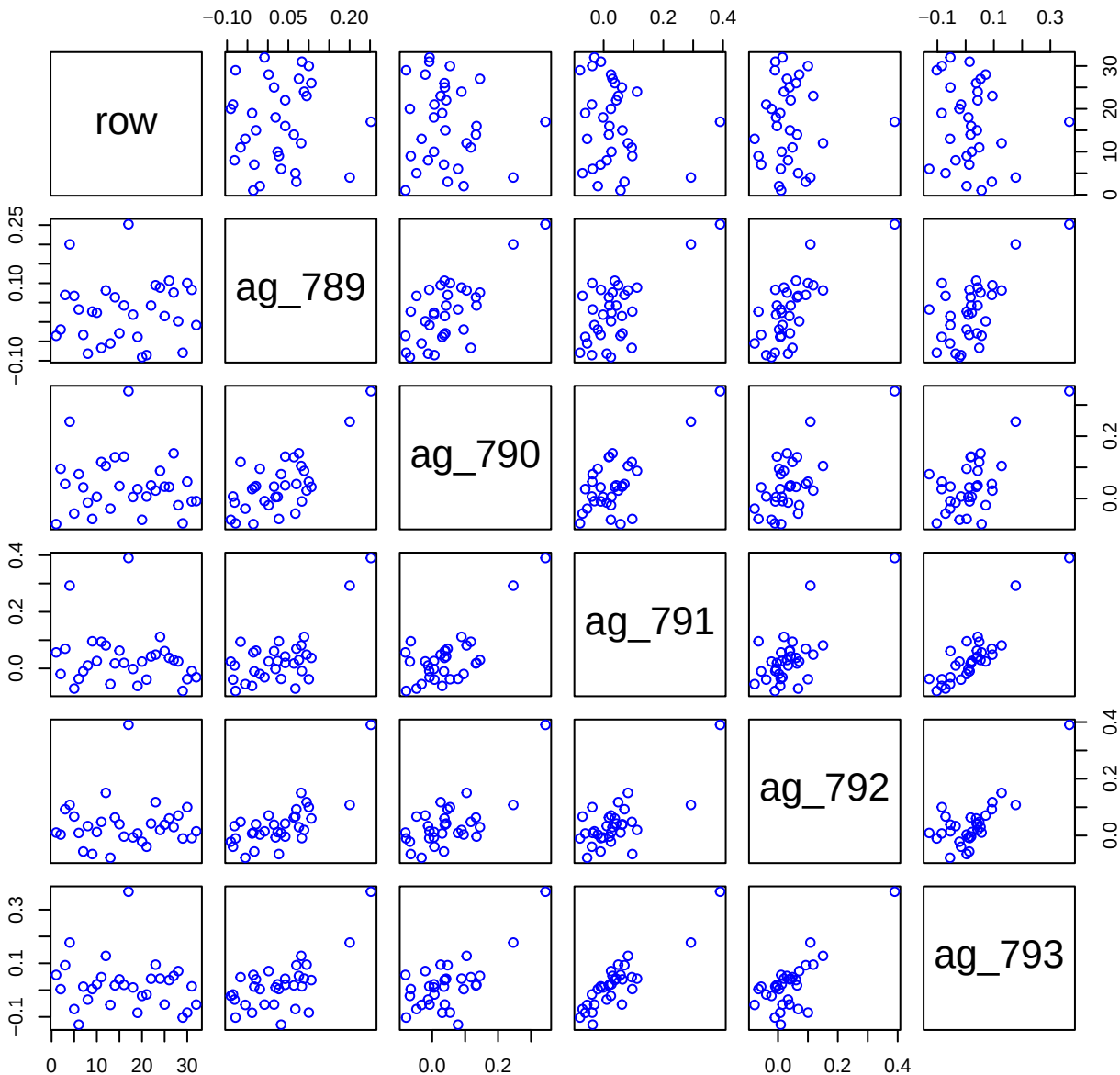
HF459-12 Plot 133



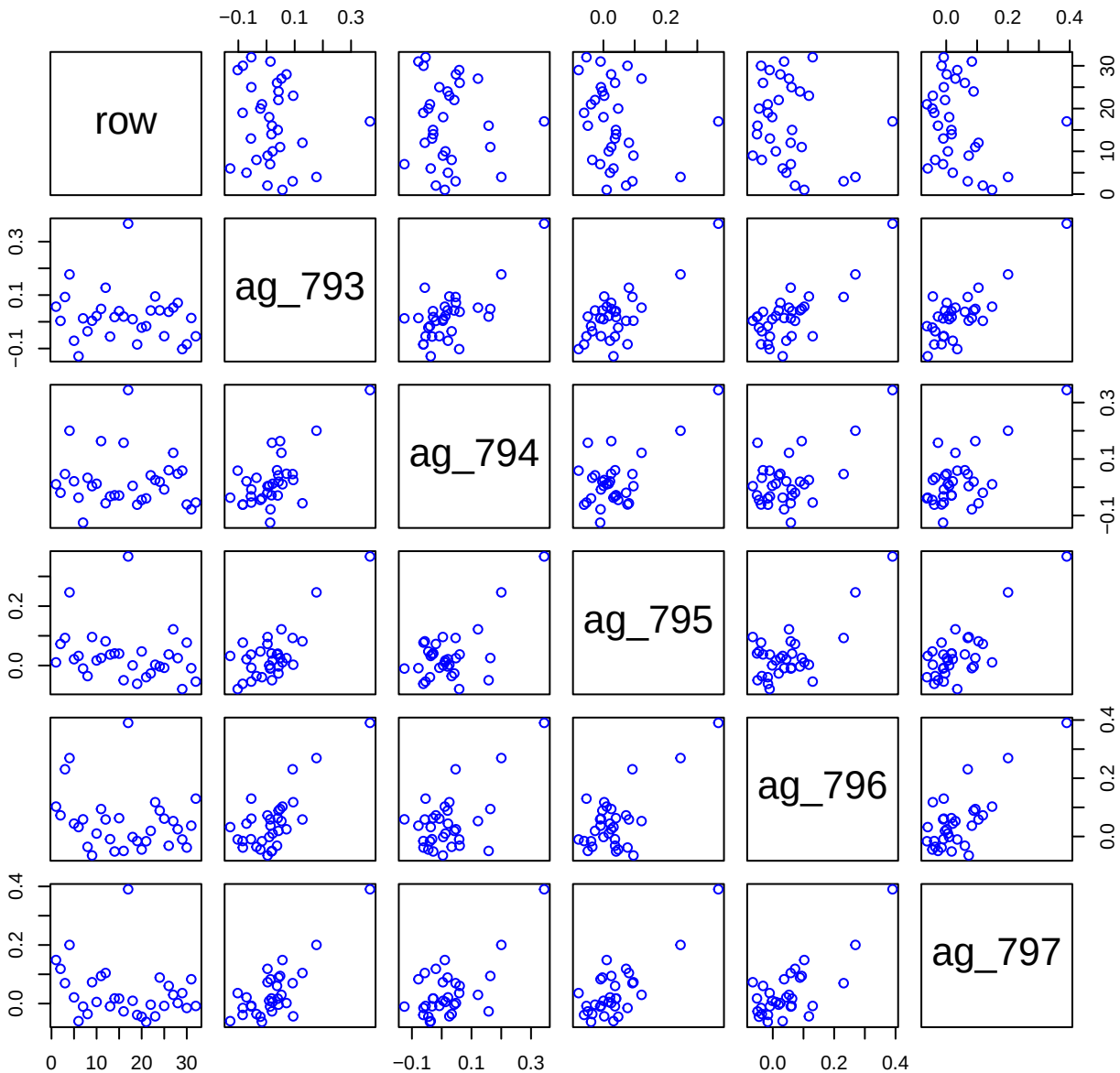
HF459-12 Plot 134



HF459-12 Plot 136



HF459-12 Plot 137



HF459-12 Plot 138

