

Harvard Forest Data Archive HF459-08

Data File:

Name = hf459-08-al-cdom-w.csv

Description = Arthur Brook Lower CDOM absorption coefficients
(weekly)

Rows = 32 Columns = 552

MD5 checksum = 89976a80c58b72d1ef7003c1cd94b898

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)
ag_255 = absorption coefficient at 255 nanometers (inverseMeter)
ag_256 = absorption coefficient at 256 nanometers (inverseMeter)
ag_257 = absorption coefficient at 257 nanometers (inverseMeter)
ag_258 = absorption coefficient at 258 nanometers (inverseMeter)
ag_259 = absorption coefficient at 259 nanometers (inverseMeter)
ag_260 = absorption coefficient at 260 nanometers (inverseMeter)
ag_261 = absorption coefficient at 261 nanometers (inverseMeter)
ag_262 = absorption coefficient at 262 nanometers (inverseMeter)
ag_263 = absorption coefficient at 263 nanometers (inverseMeter)
ag_264 = absorption coefficient at 264 nanometers (inverseMeter)
ag_265 = absorption coefficient at 265 nanometers (inverseMeter)
ag_266 = absorption coefficient at 266 nanometers (inverseMeter)
ag_267 = absorption coefficient at 267 nanometers (inverseMeter)
ag_268 = absorption coefficient at 268 nanometers (inverseMeter)
ag_269 = absorption coefficient at 269 nanometers (inverseMeter)
ag_270 = absorption coefficient at 270 nanometers (inverseMeter)
ag_271 = absorption coefficient at 271 nanometers (inverseMeter)
ag_272 = absorption coefficient at 272 nanometers (inverseMeter)
ag_273 = absorption coefficient at 273 nanometers (inverseMeter)
ag_274 = absorption coefficient at 274 nanometers (inverseMeter)
ag_275 = absorption coefficient at 275 nanometers (inverseMeter)
ag_276 = absorption coefficient at 276 nanometers (inverseMeter)
ag_277 = absorption coefficient at 277 nanometers (inverseMeter)
ag_278 = absorption coefficient at 278 nanometers (inverseMeter)
ag_279 = absorption coefficient at 279 nanometers (inverseMeter)
ag_280 = absorption coefficient at 280 nanometers (inverseMeter)
ag_281 = absorption coefficient at 281 nanometers (inverseMeter)
ag_282 = absorption coefficient at 282 nanometers (inverseMeter)
ag_283 = absorption coefficient at 283 nanometers (inverseMeter)
ag_284 = absorption coefficient at 284 nanometers (inverseMeter)
ag_285 = absorption coefficient at 285 nanometers (inverseMeter)
ag_286 = absorption coefficient at 286 nanometers (inverseMeter)
ag_287 = absorption coefficient at 287 nanometers (inverseMeter)
ag_288 = absorption coefficient at 288 nanometers (inverseMeter)

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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
aq_250	27.948	84.332	96.409	277.474	0
aq_251	27.741	83.710	95.682	275.378	0
aq_252	27.534	83.077	94.992	273.398	0
aq_253	27.326	82.467	94.319	271.487	0
aq_254	27.142	81.903	93.661	269.530	0
aq_255	26.958	81.316	93.016	267.734	0
aq_256	26.797	80.751	92.387	265.892	0
aq_257	26.613	80.187	91.761	264.096	0
aq_258	26.405	79.566	91.109	262.277	0
aq_259	26.198	78.967	90.460	260.435	0
aq_260	25.991	78.368	89.796	258.546	0
aq_261	25.761	77.735	89.112	256.681	0
aq_262	25.576	77.102	88.407	254.747	0
aq_263	25.346	76.423	87.679	252.813	0
aq_264	25.093	75.709	86.922	250.810	0
aq_265	24.863	74.995	86.140	248.714	0
aq_266	24.563	74.258	85.333	246.527	0
aq_267	24.310	73.487	84.504	244.339	0
aq_268	24.034	72.692	83.656	242.106	0
aq_269	23.757	71.933	82.807	239.942	0
aq_270	23.458	71.115	81.936	237.685	0
aq_271	23.182	70.332	81.062	235.429	0
aq_272	22.928	69.503	80.172	233.080	0
aq_273	22.606	68.674	79.290	230.754	0
aq_274	22.330	67.857	78.396	228.452	0
aq_275	22.053	67.017	77.494	226.057	0
aq_276	21.800	66.245	76.619	223.731	0
aq_277	21.501	65.405	75.728	221.452	0
aq_278	21.248	64.622	74.851	219.057	0
aq_279	20.994	63.839	73.984	216.732	0
aq_280	20.695	63.079	73.132	214.429	0
aq_281	20.465	62.296	72.283	212.126	0
aq_282	20.188	61.548	71.434	209.847	0
aq_283	19.912	60.800	70.604	207.590	0
aq_284	19.659	60.028	69.765	205.311	0
aq_285	19.428	59.303	68.941	203.008	0
aq_286	19.221	58.578	68.118	200.752	0
aq_287	18.922	57.829	67.297	198.472	0
aq_288	18.692	57.104	66.483	196.192	0
aq_289	18.461	56.413	65.680	193.890	0
aq_290	18.231	55.734	64.888	191.679	0
aq_291	18.001	55.066	64.125	189.515	0
aq_292	17.771	54.387	63.361	187.327	0
aq_293	17.563	53.696	62.604	185.186	0
aq_294	17.333	53.074	61.858	183.114	0
aq_295	17.126	52.430	61.117	180.995	0
aq_296	16.942	51.796	60.394	178.854	0
aq_297	16.688	51.152	59.674	176.874	0

Variable	Min	Median	Mean	Max	NAs
ag_298	16.504	50.530	58.959	174.802	0
ag_299	16.320	49.874	58.258	172.844	0
ag_300	16.113	49.298	57.559	170.818	0
ag_301	15.906	48.688	56.870	168.838	0
ag_302	15.698	48.055	56.175	166.881	0
ag_303	15.491	47.445	55.481	164.923	0
ag_304	15.307	46.846	54.792	162.943	0
ag_305	15.123	46.247	54.120	160.963	0
ag_306	14.938	45.683	53.435	158.937	0
ag_307	14.754	45.073	52.761	157.025	0
ag_308	14.547	44.486	52.093	155.137	0
ag_309	14.363	43.922	51.420	153.249	0
ag_310	14.156	43.288	50.772	151.384	0
ag_311	13.994	42.724	50.129	149.657	0
ag_312	13.833	42.172	49.489	147.815	0
ag_313	13.603	41.573	48.846	145.950	0
ag_314	13.442	41.043	48.215	144.131	0
ag_315	13.258	40.491	47.585	142.335	0
ag_316	13.096	39.950	46.971	140.677	0
ag_317	12.912	39.432	46.361	138.950	0
ag_318	12.751	38.902	45.763	137.223	0
ag_319	12.544	38.349	45.145	135.358	0
ag_320	12.498	37.808	44.537	133.815	0
ag_321	12.221	37.290	43.965	132.204	0
ag_322	12.014	36.795	43.385	130.592	0
ag_323	11.899	36.243	42.805	128.911	0
ag_324	11.784	35.863	42.254	127.253	0
ag_325	11.600	35.402	41.683	125.618	0
ag_326	11.415	34.861	41.141	124.145	0
ag_327	11.231	34.331	40.557	122.579	0
ag_328	11.070	33.859	40.030	121.105	0
ag_329	10.955	33.376	39.490	119.562	0
ag_330	10.863	32.961	38.951	117.951	0
ag_331	10.633	32.466	38.423	116.523	0
ag_332	10.495	32.029	37.908	115.049	0
ag_333	10.333	31.626	37.388	113.530	0
ag_334	10.149	31.096	36.869	112.056	0
ag_335	10.034	30.705	36.376	110.651	0
ag_336	9.919	30.279	35.890	109.431	0
ag_337	9.712	29.830	35.387	107.865	0
ag_338	9.527	29.404	34.878	106.484	0
ag_339	9.527	29.024	34.386	105.148	0
ag_340	9.389	28.598	33.927	103.698	0
ag_341	9.320	28.172	33.451	102.247	0
ag_342	9.159	27.758	32.966	100.912	0
ag_343	9.021	27.343	32.493	99.599	0
ag_344	8.768	26.894	32.009	98.218	0
ag_345	8.722	26.503	31.563	96.813	0
ag_346	8.583	26.100	31.105	95.570	0
ag_347	8.491	25.674	30.643	94.257	0
ag_348	8.284	25.294	30.187	92.898	0

Variable	Min	Median	Mean	Max	NAs
ag_349	8.169	25.017	29.733	91.517	0
ag_350	8.031	24.603	29.293	90.343	0
ag_351	8.008	24.188	28.859	88.961	0
ag_352	7.893	23.832	28.438	87.764	0
ag_353	7.708	23.429	28.012	86.520	0
ag_354	7.593	23.106	27.584	85.277	0
ag_355	7.524	22.715	27.167	84.034	0
ag_356	7.432	22.392	26.750	82.859	0
ag_357	7.294	22.024	26.345	81.616	0
ag_358	7.110	21.598	25.924	80.234	0
ag_359	7.041	21.253	25.510	79.083	0
ag_360	6.902	20.942	25.118	77.955	0
ag_361	6.833	20.620	24.720	76.826	0
ag_362	6.672	20.286	24.349	75.675	0
ag_363	6.649	19.952	23.956	74.593	0
ag_364	6.511	19.595	23.563	73.326	0
ag_365	6.442	19.330	23.210	72.244	0
ag_366	6.327	18.996	22.825	71.162	0
ag_367	6.258	18.697	22.467	70.103	0
ag_368	6.120	18.386	22.104	69.044	0
ag_369	5.981	18.052	21.745	67.869	0
ag_370	5.912	17.799	21.383	66.856	0
ag_371	5.866	17.499	21.041	65.797	0
ag_372	5.751	17.177	20.699	64.807	0
ag_373	5.613	16.866	20.376	63.748	0
ag_374	5.636	16.613	20.044	62.781	0
ag_375	5.406	16.314	19.710	61.791	0
ag_376	5.475	16.049	19.395	60.824	0
ag_377	5.199	15.704	19.065	59.879	0
ag_378	5.152	15.473	18.770	59.097	0
ag_379	5.083	15.231	18.465	58.106	0
ag_380	4.968	14.990	18.152	57.208	0
ag_381	4.945	14.759	17.854	56.310	0
ag_382	4.876	14.495	17.556	55.412	0
ag_383	4.738	14.241	17.269	54.606	0
ag_384	4.738	14.011	16.990	53.755	0
ag_385	4.646	13.723	16.715	52.880	0
ag_386	4.531	13.493	16.445	52.074	0
ag_387	4.485	13.286	16.169	51.314	0
ag_388	4.416	13.032	15.898	50.462	0
ag_389	4.347	12.825	15.641	49.748	0
ag_390	4.301	12.618	15.395	49.011	0
ag_391	4.208	12.411	15.143	48.251	0
ag_392	4.162	12.180	14.892	47.515	0
ag_393	4.024	11.973	14.651	46.824	0
ag_394	4.001	11.801	14.409	46.064	0
ag_395	3.932	11.570	14.179	45.327	0
ag_396	3.886	11.386	13.948	44.659	0
ag_397	3.771	11.167	13.715	44.061	0
ag_398	3.725	10.995	13.490	43.370	0
ag_399	3.679	10.787	13.267	42.702	0

Variable	Min	Median	Mean	Max	NAs
ag_400	3.679	10.626	13.053	42.057	0
ag_401	3.564	10.454	12.841	41.390	0
ag_402	3.495	10.281	12.638	40.814	0
ag_403	3.472	10.099	12.426	40.169	0
ag_404	3.425	9.915	12.230	39.571	0
ag_405	3.357	9.742	12.024	39.041	0
ag_406	3.310	9.639	11.841	38.511	0
ag_407	3.241	9.466	11.659	37.936	0
ag_408	3.195	9.316	11.464	37.406	0
ag_409	3.126	9.143	11.280	36.831	0
ag_410	3.080	8.994	11.106	36.324	0
ag_411	3.034	8.867	10.921	35.817	0
ag_412	2.988	8.729	10.757	35.288	0
ag_413	2.942	8.637	10.593	34.804	0
ag_414	2.873	8.476	10.412	34.298	0
ag_415	2.827	8.303	10.260	33.883	0
ag_416	2.804	8.211	10.090	33.331	0
ag_417	2.781	8.096	9.936	32.893	0
ag_418	2.712	7.958	9.790	32.410	0
ag_419	2.643	7.808	9.632	31.995	0
ag_420	2.666	7.693	9.486	31.535	0
ag_421	2.620	7.578	9.348	31.143	0
ag_422	2.551	7.509	9.207	30.706	0
ag_423	2.574	7.370	9.056	30.268	0
ag_424	2.527	7.267	8.937	29.900	0
ag_425	2.458	7.106	8.789	29.531	0
ag_426	2.435	7.014	8.659	29.117	0
ag_427	2.389	6.945	8.532	28.748	0
ag_428	2.366	6.818	8.403	28.380	0
ag_429	2.343	6.726	8.284	27.989	0
ag_430	2.320	6.657	8.166	27.666	0
ag_431	2.274	6.519	8.042	27.252	0
ag_432	2.251	6.438	7.926	26.976	0
ag_433	2.205	6.334	7.813	26.607	0
ag_434	2.182	6.242	7.702	26.308	0
ag_435	2.136	6.173	7.595	25.939	0
ag_436	2.136	6.070	7.482	25.663	0
ag_437	2.067	5.989	7.376	25.318	0
ag_438	2.067	5.931	7.281	25.041	0
ag_439	2.044	5.828	7.182	24.719	0
ag_440	2.044	5.747	7.073	24.466	0
ag_441	1.952	5.667	6.979	24.189	0
ag_442	1.952	5.609	6.883	23.936	0
ag_443	1.929	5.505	6.798	23.637	0
ag_444	1.906	5.413	6.707	23.430	0
ag_445	1.906	5.367	6.624	23.176	0
ag_446	1.860	5.287	6.539	22.900	0
ag_447	1.837	5.229	6.446	22.647	0
ag_448	1.814	5.183	6.371	22.393	0
ag_449	1.791	5.102	6.288	22.186	0
ag_450	1.791	5.045	6.211	21.933	0

Variable	Min	Median	Mean	Max	NAs
ag_451	1.745	4.953	6.126	21.680	0
ag_452	1.722	4.895	6.048	21.449	0
ag_453	1.722	4.849	5.977	21.242	0
ag_454	1.676	4.792	5.900	20.989	0
ag_455	1.629	4.711	5.822	20.782	0
ag_456	1.629	4.653	5.751	20.528	0
ag_457	1.583	4.607	5.687	20.367	0
ag_458	1.629	4.550	5.617	20.183	0
ag_459	1.560	4.492	5.547	20.022	0
ag_460	1.560	4.455	5.483	19.791	0
ag_461	1.514	4.366	5.418	19.584	0
ag_462	1.537	4.308	5.352	19.423	0
ag_463	1.491	4.271	5.286	19.262	0
ag_464	1.491	4.213	5.226	19.055	0
ag_465	1.491	4.167	5.167	18.870	0
ag_466	1.445	4.121	5.103	18.709	0
ag_467	1.445	4.052	5.046	18.525	0
ag_468	1.422	4.006	4.994	18.341	0
ag_469	1.414	3.937	4.934	18.180	0
ag_470	1.422	3.879	4.873	18.018	0
ag_471	1.391	3.845	4.817	17.811	0
ag_472	1.368	3.799	4.769	17.673	0
ag_473	1.345	3.752	4.707	17.489	0
ag_474	1.345	3.695	4.658	17.351	0
ag_475	1.322	3.661	4.607	17.189	0
ag_476	1.276	3.614	4.550	17.005	0
ag_477	1.253	3.568	4.497	16.844	0
ag_478	1.230	3.534	4.451	16.706	0
ag_479	1.253	3.476	4.403	16.568	0
ag_480	1.230	3.442	4.351	16.407	0
ag_481	1.184	3.384	4.302	16.245	0
ag_482	1.161	3.361	4.257	16.107	0
ag_483	1.138	3.303	4.213	15.969	0
ag_484	1.138	3.246	4.169	15.854	0
ag_485	1.115	3.212	4.127	15.739	0
ag_486	1.115	3.188	4.078	15.578	0
ag_487	1.107	3.131	4.030	15.440	0
ag_488	1.092	3.085	3.988	15.301	0
ag_489	1.069	3.073	3.951	15.186	0
ag_490	1.084	3.027	3.914	15.094	0
ag_491	1.046	2.981	3.869	14.956	0
ag_492	1.023	2.924	3.823	14.841	0
ag_493	1.046	2.935	3.788	14.703	0
ag_494	1.000	2.889	3.747	14.565	0
ag_495	0.977	2.866	3.702	14.426	0
ag_496	0.977	2.837	3.666	14.334	0
ag_497	0.954	2.763	3.622	14.196	0
ag_498	0.954	2.734	3.589	14.081	0
ag_499	0.931	2.711	3.552	13.966	0
ag_500	0.908	2.676	3.516	13.828	0
ag_501	0.931	2.647	3.476	13.713	0

Variable	Min	Median	Mean	Max	NAs
ag_502	0.885	2.601	3.442	13.620	0
ag_503	0.885	2.578	3.407	13.505	0
ag_504	0.885	2.544	3.371	13.367	0
ag_505	0.885	2.538	3.340	13.275	0
ag_506	0.862	2.498	3.305	13.183	0
ag_507	0.839	2.457	3.267	13.045	0
ag_508	0.816	2.417	3.240	12.976	0
ag_509	0.816	2.394	3.202	12.838	0
ag_510	0.816	2.371	3.171	12.745	0
ag_511	0.816	2.331	3.139	12.676	0
ag_512	0.793	2.308	3.107	12.584	0
ag_513	0.793	2.296	3.077	12.469	0
ag_514	0.793	2.262	3.044	12.377	0
ag_515	0.746	2.227	3.010	12.285	0
ag_516	0.746	2.192	2.984	12.193	0
ag_517	0.723	2.181	2.952	12.078	0
ag_518	0.723	2.146	2.921	11.963	0
ag_519	0.700	2.100	2.895	11.894	0
ag_520	0.677	2.112	2.865	11.755	0
ag_521	0.677	2.077	2.834	11.686	0
ag_522	0.654	2.054	2.803	11.594	0
ag_523	0.654	2.020	2.777	11.479	0
ag_524	0.654	1.997	2.748	11.364	0
ag_525	0.677	1.974	2.719	11.295	0
ag_526	0.631	1.951	2.692	11.203	0
ag_527	0.654	1.916	2.667	11.111	0
ag_528	0.631	1.905	2.639	10.996	0
ag_529	0.631	1.870	2.613	10.903	0
ag_530	0.631	1.859	2.585	10.811	0
ag_531	0.585	1.847	2.561	10.719	0
ag_532	0.585	1.813	2.531	10.627	0
ag_533	0.562	1.790	2.506	10.558	0
ag_534	0.585	1.766	2.484	10.466	0
ag_535	0.562	1.744	2.460	10.420	0
ag_536	0.562	1.720	2.436	10.328	0
ag_537	0.562	1.674	2.406	10.259	0
ag_538	0.539	1.674	2.386	10.190	0
ag_539	0.539	1.663	2.368	10.121	0
ag_540	0.516	1.640	2.342	10.028	0
ag_541	0.516	1.617	2.320	9.959	0
ag_542	0.493	1.605	2.297	9.867	0
ag_543	0.516	1.582	2.277	9.821	0
ag_544	0.493	1.571	2.257	9.706	0
ag_545	0.493	1.559	2.234	9.614	0
ag_546	0.493	1.536	2.214	9.545	0
ag_547	0.470	1.513	2.192	9.499	0
ag_548	0.493	1.502	2.172	9.407	0
ag_549	0.470	1.467	2.146	9.315	0
ag_550	0.447	1.456	2.127	9.246	0
ag_551	0.470	1.444	2.106	9.177	0
ag_552	0.447	1.433	2.087	9.107	0

Variable	Min	Median	Mean	Max	NAs
ag_553	0.447	1.433	2.070	9.038	0
ag_554	0.447	1.398	2.054	8.946	0
ag_555	0.424	1.387	2.033	8.854	0
ag_556	0.424	1.375	2.006	8.785	0
ag_557	0.401	1.364	1.985	8.739	0
ag_558	0.424	1.318	1.970	8.647	0
ag_559	0.401	1.318	1.954	8.578	0
ag_560	0.424	1.294	1.934	8.509	0
ag_561	0.424	1.294	1.915	8.440	0
ag_562	0.424	1.283	1.898	8.394	0
ag_563	0.401	1.260	1.881	8.278	0
ag_564	0.401	1.260	1.864	8.255	0
ag_565	0.401	1.225	1.850	8.209	0
ag_566	0.378	1.202	1.834	8.140	0
ag_567	0.378	1.179	1.814	8.071	0
ag_568	0.378	1.202	1.801	8.002	0
ag_569	0.378	1.179	1.779	7.956	0
ag_570	0.355	1.145	1.762	7.910	0
ag_571	0.355	1.133	1.749	7.841	0
ag_572	0.355	1.133	1.731	7.795	0
ag_573	0.355	1.122	1.714	7.726	0
ag_574	0.332	1.122	1.700	7.657	0
ag_575	0.355	1.110	1.687	7.588	0
ag_576	0.332	1.076	1.674	7.542	0
ag_577	0.309	1.064	1.655	7.496	0
ag_578	0.309	1.064	1.637	7.426	0
ag_579	0.309	1.053	1.621	7.357	0
ag_580	0.332	1.030	1.609	7.288	0
ag_581	0.309	1.018	1.590	7.242	0
ag_582	0.309	1.018	1.578	7.219	0
ag_583	0.309	0.995	1.564	7.127	0
ag_584	0.286	0.984	1.547	7.058	0
ag_585	0.309	0.984	1.539	7.012	0
ag_586	0.309	0.972	1.520	6.920	0
ag_587	0.286	0.972	1.507	6.897	0
ag_588	0.309	0.961	1.498	6.874	0
ag_589	0.309	0.938	1.484	6.805	0
ag_590	0.309	0.926	1.471	6.736	0
ag_591	0.286	0.926	1.457	6.667	0
ag_592	0.286	0.915	1.444	6.621	0
ag_593	0.286	0.892	1.430	6.575	0
ag_594	0.263	0.880	1.419	6.505	0
ag_595	0.263	0.880	1.405	6.460	0
ag_596	0.240	0.880	1.395	6.413	0
ag_597	0.263	0.869	1.376	6.367	0
ag_598	0.263	0.846	1.366	6.344	0
ag_599	0.286	0.846	1.359	6.275	0
ag_600	0.263	0.846	1.342	6.252	0
ag_601	0.240	0.846	1.332	6.183	0
ag_602	0.263	0.811	1.322	6.183	0
ag_603	0.240	0.788	1.305	6.137	0

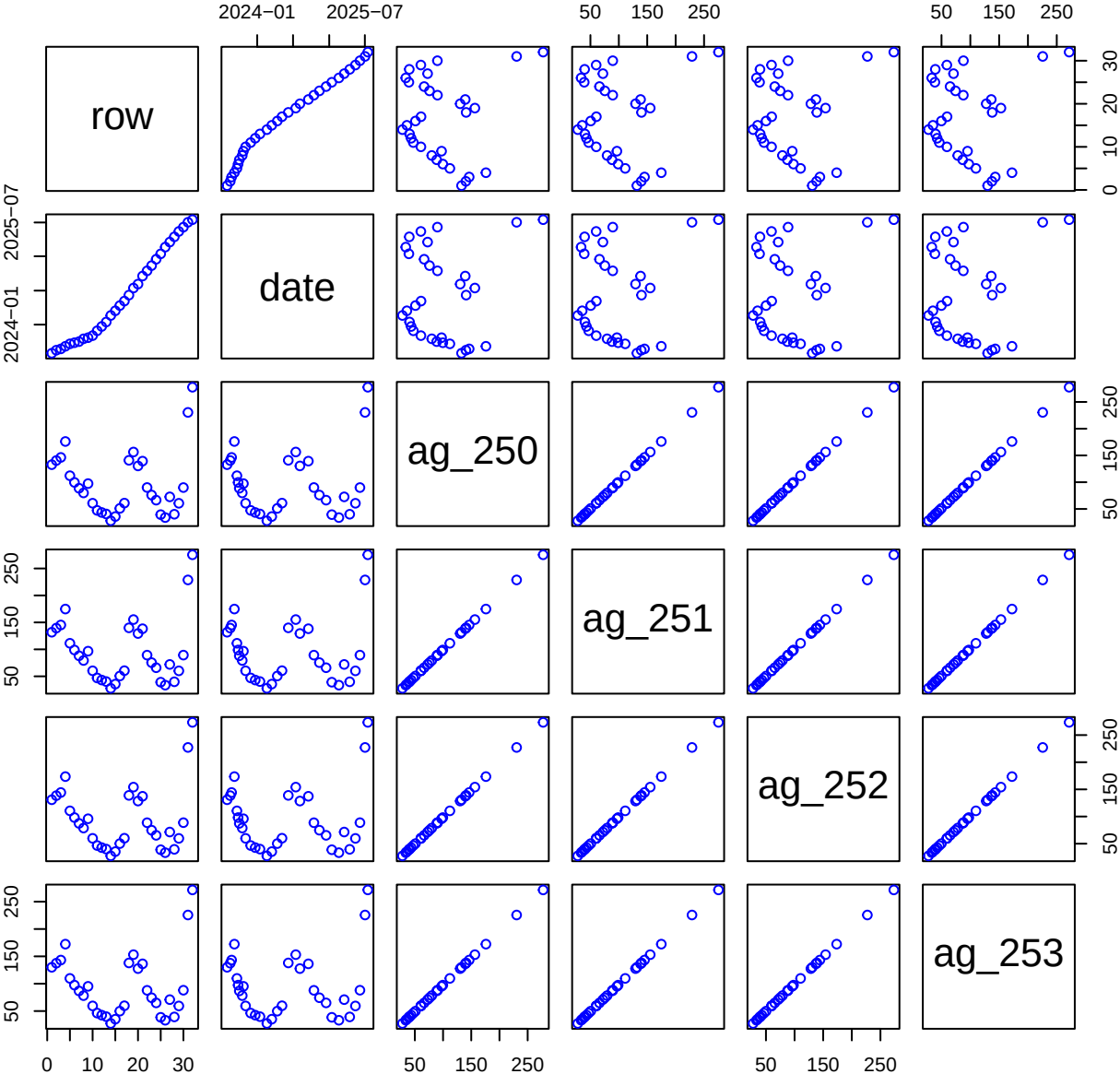
Variable	Min	Median	Mean	Max	NAs
ag_604	0.240	0.799	1.293	6.068	0
ag_605	0.240	0.811	1.283	6.045	0
ag_606	0.194	0.788	1.273	5.976	0
ag_607	0.217	0.777	1.261	5.953	0
ag_608	0.240	0.776	1.250	5.907	0
ag_609	0.240	0.753	1.237	5.861	0
ag_610	0.217	0.742	1.225	5.815	0
ag_611	0.217	0.730	1.208	5.769	0
ag_612	0.217	0.719	1.204	5.677	0
ag_613	0.209	0.730	1.187	5.630	0
ag_614	0.217	0.719	1.176	5.585	0
ag_615	0.194	0.696	1.169	5.561	0
ag_616	0.217	0.684	1.158	5.538	0
ag_617	0.194	0.696	1.143	5.515	0
ag_618	0.194	0.685	1.138	5.446	0
ag_619	0.194	0.696	1.127	5.377	0
ag_620	0.171	0.684	1.112	5.331	0
ag_621	0.171	0.662	1.103	5.308	0
ag_622	0.171	0.639	1.090	5.239	0
ag_623	0.171	0.638	1.085	5.216	0
ag_624	0.171	0.627	1.072	5.170	0
ag_625	0.194	0.627	1.059	5.124	0
ag_626	0.210	0.638	1.048	5.078	0
ag_627	0.194	0.627	1.040	5.055	0
ag_628	0.171	0.615	1.030	4.986	0
ag_629	0.171	0.604	1.019	4.917	0
ag_630	0.171	0.604	1.009	4.917	0
ag_631	0.148	0.581	0.996	4.871	0
ag_632	0.164	0.604	0.987	4.848	0
ag_633	0.171	0.581	0.982	4.825	0
ag_634	0.171	0.581	0.975	4.779	0
ag_635	0.171	0.558	0.960	4.755	0
ag_636	0.171	0.547	0.947	4.686	0
ag_637	0.148	0.535	0.944	4.640	0
ag_638	0.148	0.535	0.938	4.640	0
ag_639	0.148	0.512	0.926	4.571	0
ag_640	0.125	0.501	0.911	4.525	0
ag_641	0.125	0.512	0.901	4.502	0
ag_642	0.125	0.523	0.892	4.502	0
ag_643	0.148	0.500	0.886	4.456	0
ag_644	0.125	0.489	0.878	4.410	0
ag_645	0.125	0.477	0.868	4.364	0
ag_646	0.125	0.489	0.863	4.364	0
ag_647	0.102	0.466	0.856	4.318	0
ag_648	0.102	0.489	0.847	4.272	0
ag_649	0.140	0.477	0.838	4.249	0
ag_650	0.125	0.454	0.827	4.157	0
ag_651	0.125	0.443	0.822	4.180	0
ag_652	0.125	0.443	0.815	4.134	0
ag_653	0.142	0.454	0.804	4.065	0
ag_654	0.125	0.454	0.798	4.042	0

Variable	Min	Median	Mean	Max	NAs
ag_655	0.125	0.454	0.789	4.019	0
ag_656	0.102	0.443	0.784	3.996	0
ag_657	0.125	0.431	0.775	3.973	0
ag_658	0.125	0.420	0.769	3.973	0
ag_659	0.079	0.432	0.758	3.904	0
ag_660	0.079	0.420	0.748	3.904	0
ag_661	0.079	0.420	0.747	3.834	0
ag_662	0.117	0.391	0.733	3.788	0
ag_663	0.117	0.403	0.730	3.765	0
ag_664	0.079	0.403	0.719	3.719	0
ag_665	0.072	0.374	0.711	3.696	0
ag_666	0.079	0.374	0.703	3.673	0
ag_667	0.079	0.391	0.693	3.650	0
ag_668	0.102	0.380	0.682	3.627	0
ag_669	0.096	0.380	0.683	3.558	0
ag_670	0.079	0.368	0.676	3.535	0
ag_671	0.079	0.368	0.669	3.512	0
ag_672	0.079	0.373	0.657	3.443	0
ag_673	0.102	0.357	0.658	3.466	0
ag_674	0.102	0.368	0.659	3.443	0
ag_675	0.094	0.357	0.647	3.374	0
ag_676	0.079	0.380	0.633	3.328	0
ag_677	0.094	0.380	0.629	3.351	0
ag_678	0.079	0.357	0.622	3.282	0
ag_679	0.094	0.357	0.615	3.259	0
ag_680	0.095	0.334	0.618	3.259	0
ag_681	0.056	0.346	0.607	3.282	0
ag_682	0.033	0.334	0.599	3.213	0
ag_683	0.056	0.334	0.588	3.190	0
ag_684	0.079	0.341	0.589	3.190	0
ag_685	0.056	0.334	0.578	3.075	0
ag_686	0.094	0.334	0.573	3.075	0
ag_687	0.094	0.300	0.575	3.121	0
ag_688	0.033	0.329	0.567	3.075	0
ag_689	0.056	0.334	0.562	3.052	0
ag_690	0.073	0.301	0.549	3.029	0
ag_691	0.056	0.311	0.555	3.075	0
ag_692	0.056	0.299	0.543	2.983	0
ag_693	0.056	0.288	0.544	2.959	0
ag_694	0.071	0.311	0.536	2.937	0
ag_695	0.094	0.278	0.537	2.937	0
ag_696	0.056	0.299	0.521	2.890	0
ag_697	0.048	0.276	0.518	2.913	0
ag_698	0.048	0.269	0.510	2.867	0
ag_699	0.049	0.276	0.507	2.844	0
ag_700	0.050	0.278	0.504	2.798	0
ag_701	0.056	0.299	0.495	2.775	0
ag_702	0.027	0.271	0.488	2.752	0
ag_703	0.033	0.277	0.481	2.729	0
ag_704	0.002	0.260	0.489	2.729	0
ag_705	0.033	0.276	0.484	2.706	0

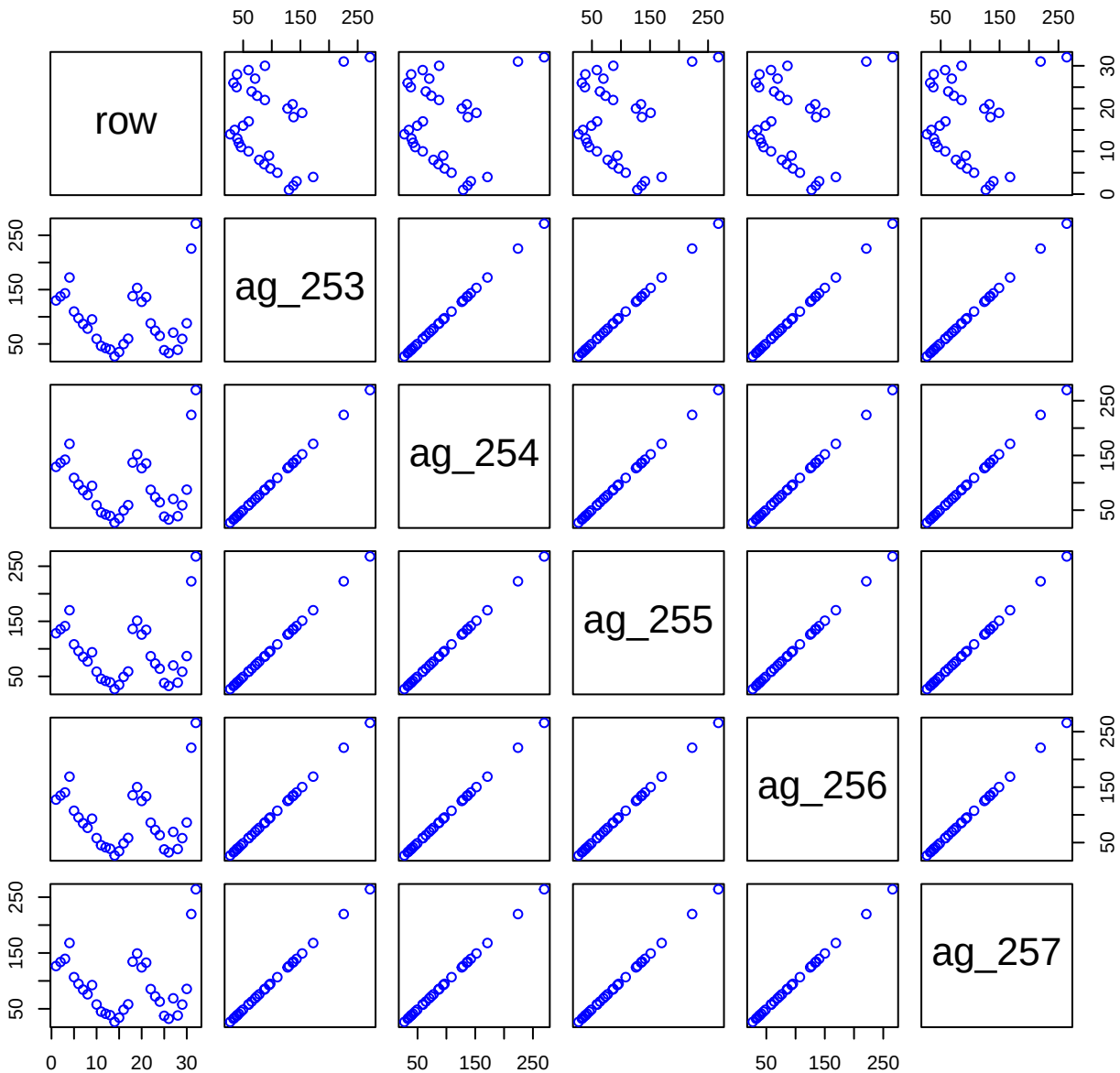
Variable	Min	Median	Mean	Max	NAs
ag_706	0.033	0.265	0.474	2.637	0
ag_707	0.025	0.265	0.462	2.729	0
ag_708	0.048	0.237	0.456	2.614	0
ag_709	0.033	0.260	0.458	2.591	0
ag_710	0.010	0.253	0.447	2.568	0
ag_711	-0.021	0.243	0.445	2.545	0
ag_712	0.033	0.242	0.446	2.545	0
ag_713	0.010	0.203	0.434	2.499	0
ag_714	0.010	0.226	0.422	2.476	0
ag_715	0.010	0.220	0.424	2.453	0
ag_716	-0.013	0.214	0.409	2.453	0
ag_717	-0.013	0.196	0.404	2.407	0
ag_718	0.010	0.208	0.404	2.430	0
ag_719	-0.013	0.203	0.394	2.407	0
ag_720	0.002	0.214	0.398	2.338	0
ag_721	0.025	0.203	0.392	2.338	0
ag_722	0.010	0.206	0.391	2.338	0
ag_723	0.002	0.205	0.393	2.315	0
ag_724	-0.021	0.208	0.380	2.315	0
ag_725	0.002	0.206	0.380	2.315	0
ag_726	-0.013	0.197	0.377	2.269	0
ag_727	-0.042	0.199	0.367	2.200	0
ag_728	-0.019	0.183	0.364	2.246	0
ag_729	0.002	0.206	0.366	2.292	0
ag_730	-0.036	0.179	0.349	2.269	0
ag_731	0.002	0.171	0.348	2.177	0
ag_732	-0.019	0.159	0.343	2.246	0
ag_733	-0.019	0.172	0.350	2.246	0
ag_734	-0.044	0.161	0.344	2.200	0
ag_735	-0.044	0.161	0.333	2.154	0
ag_736	-0.044	0.178	0.316	2.108	0
ag_737	-0.045	0.144	0.317	2.154	0
ag_738	-0.015	0.144	0.308	2.084	0
ag_739	-0.044	0.185	0.314	2.062	0
ag_740	-0.044	0.150	0.319	2.062	0
ag_741	-0.088	0.155	0.316	2.108	0
ag_742	-0.091	0.167	0.310	2.015	0
ag_743	-0.067	0.163	0.304	2.015	0
ag_744	-0.013	0.137	0.308	1.992	0
ag_745	-0.044	0.109	0.293	2.038	0
ag_746	-0.044	0.130	0.295	1.923	0
ag_747	-0.021	0.126	0.288	1.946	0
ag_748	-0.044	0.132	0.285	1.946	0
ag_749	-0.036	0.155	0.303	1.969	0
ag_750	-0.022	0.172	0.289	1.992	0
ag_751	-0.045	0.126	0.280	1.877	0
ag_752	-0.088	0.146	0.277	1.877	0
ag_753	-0.128	0.137	0.269	1.923	0
ag_754	-0.068	0.113	0.263	1.854	0
ag_755	-0.044	0.103	0.265	1.808	0
ag_756	-0.082	0.138	0.279	1.831	0

Variable	Min	Median	Mean	Max	NAS
ag_757	-0.111	0.114	0.271	1.808	0
ag_758	-0.021	0.124	0.252	1.808	0
ag_759	-0.042	0.126	0.260	1.739	0
ag_760	-0.065	0.123	0.251	1.739	0
ag_761	-0.088	0.108	0.254	1.831	0
ag_762	-0.157	0.129	0.254	1.716	0
ag_763	-0.041	0.103	0.245	1.670	0
ag_764	-0.064	0.068	0.231	1.624	0
ag_765	-0.091	0.109	0.243	1.647	0
ag_766	-0.021	0.109	0.241	1.624	0
ag_767	-0.019	0.080	0.236	1.647	0
ag_768	-0.082	0.106	0.232	1.624	0
ag_769	-0.044	0.100	0.223	1.601	0
ag_770	-0.088	0.086	0.228	1.578	0
ag_771	-0.036	0.090	0.228	1.624	0
ag_772	-0.082	0.088	0.215	1.509	0
ag_773	-0.065	0.103	0.220	1.578	0
ag_774	-0.065	0.077	0.224	1.624	0
ag_775	-0.061	0.092	0.223	1.532	0
ag_776	-0.041	0.079	0.210	1.463	0
ag_777	-0.082	0.088	0.221	1.486	0
ag_778	-0.019	0.104	0.215	1.417	0
ag_779	-0.064	0.070	0.204	1.486	0
ag_780	-0.042	0.074	0.204	1.440	0
ag_781	-0.041	0.103	0.217	1.394	0
ag_782	-0.134	0.080	0.198	1.486	0
ag_783	-0.059	0.069	0.192	1.440	0
ag_784	-0.061	0.107	0.216	1.440	0
ag_785	-0.087	0.076	0.196	1.417	0
ag_786	-0.068	0.071	0.189	1.279	0
ag_787	-0.059	0.098	0.199	1.279	0
ag_788	-0.133	0.092	0.186	1.371	0
ag_789	-0.059	0.047	0.188	1.371	0
ag_790	-0.064	0.082	0.191	1.325	0
ag_791	-0.084	0.067	0.172	1.302	0
ag_792	-0.110	0.055	0.169	1.463	0
ag_793	-0.144	0.073	0.165	1.302	0
ag_794	-0.113	0.084	0.188	1.279	0
ag_795	-0.088	0.106	0.183	1.210	0
ag_796	-0.153	0.078	0.176	1.463	0
ag_797	-0.087	0.058	0.169	1.302	0
ag_798	-0.157	0.099	0.170	1.348	0
ag_799	-0.133	0.074	0.159	1.302	0
ag_800	-0.156	0.040	0.159	1.325	0

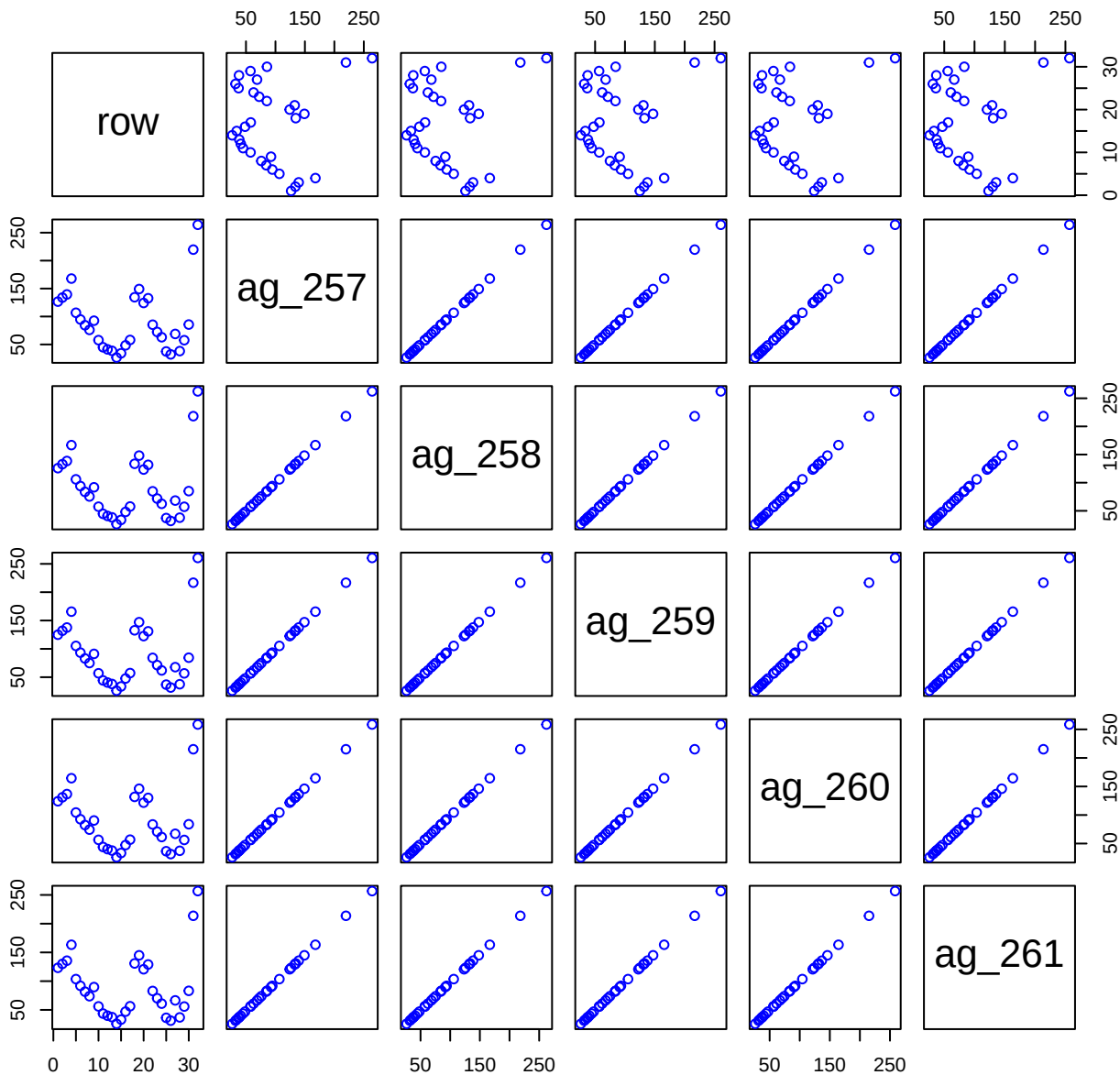
HF459-08 Plot 1



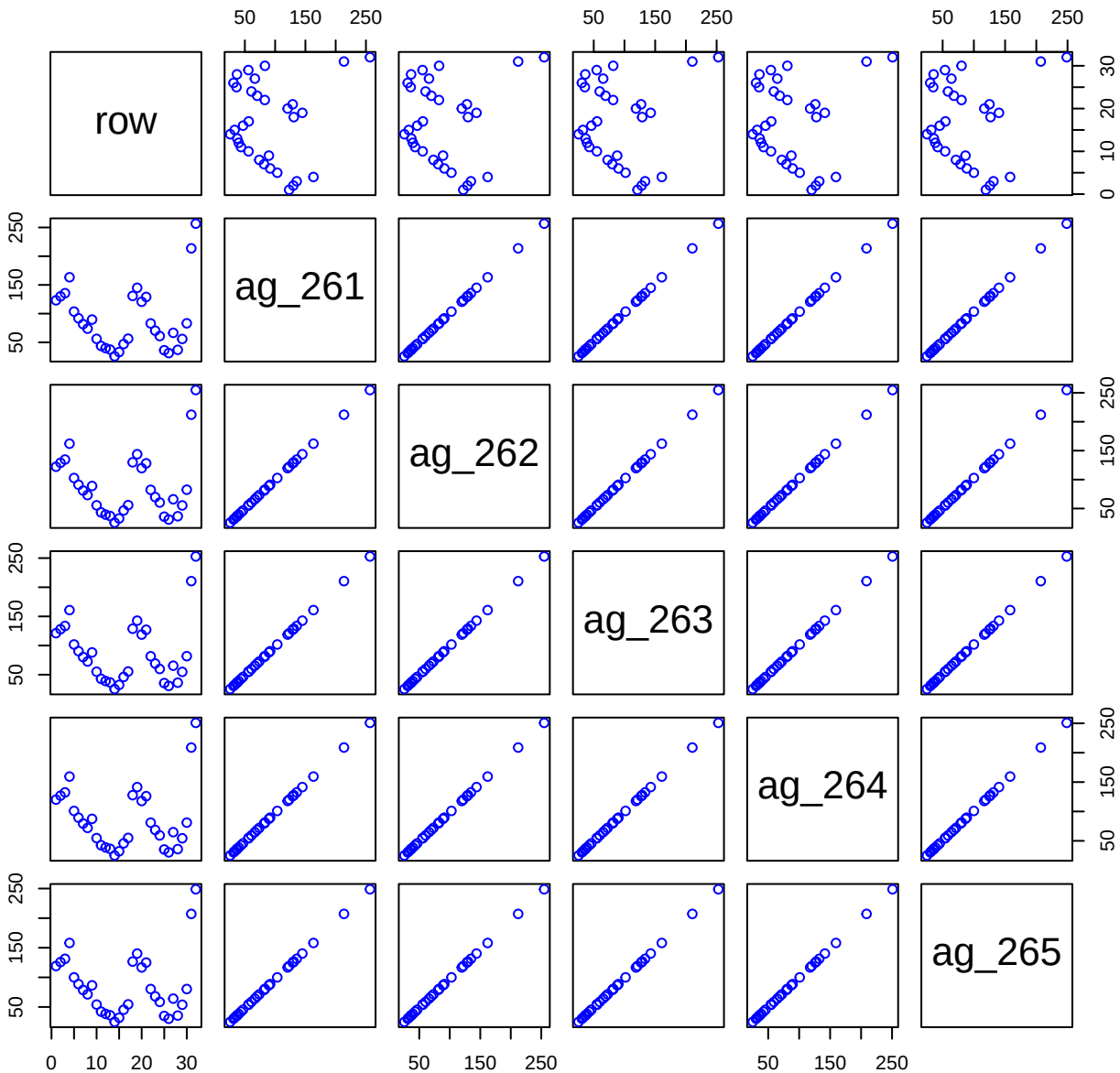
HF459-08 Plot 2



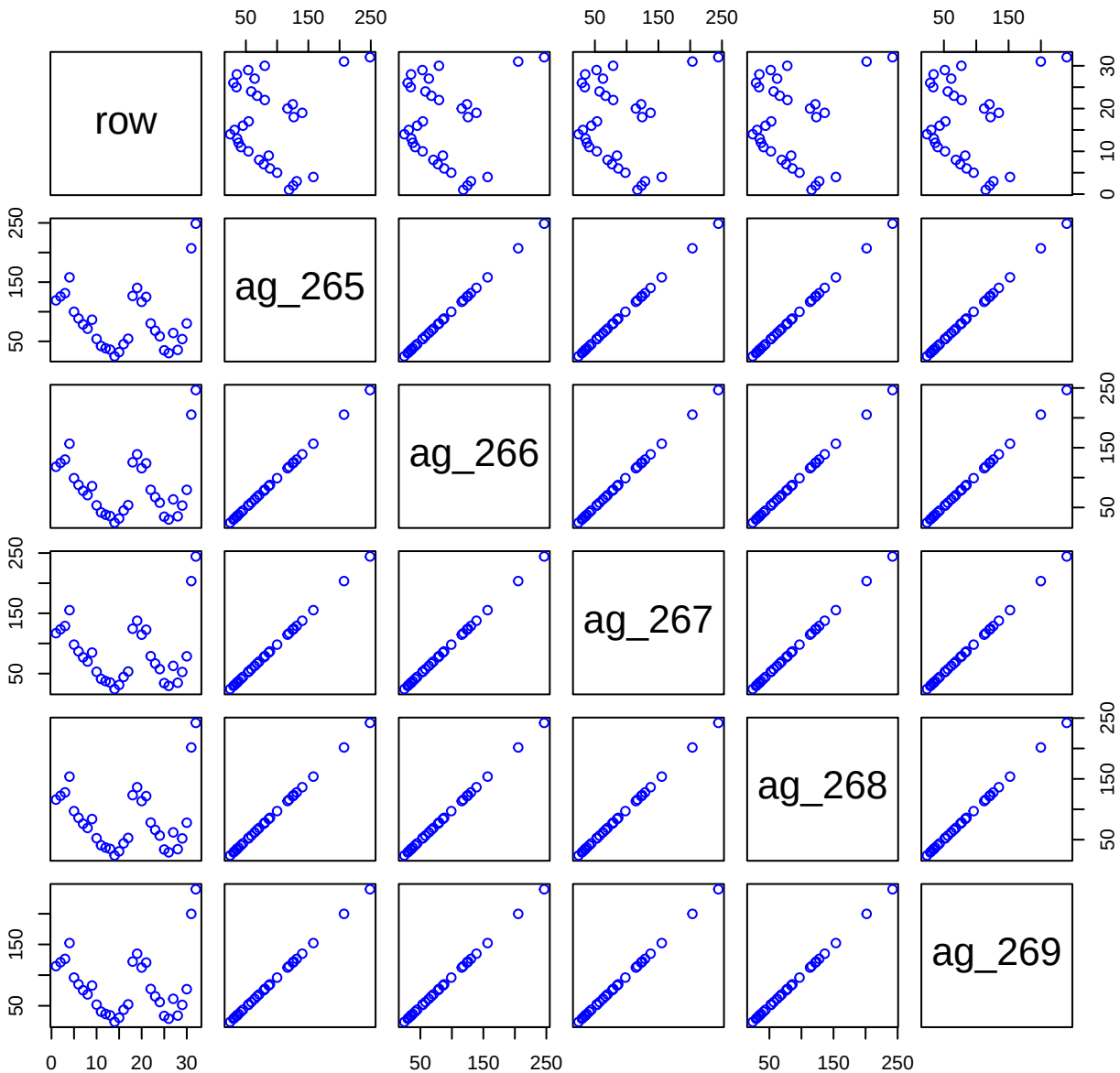
HF459-08 Plot 3



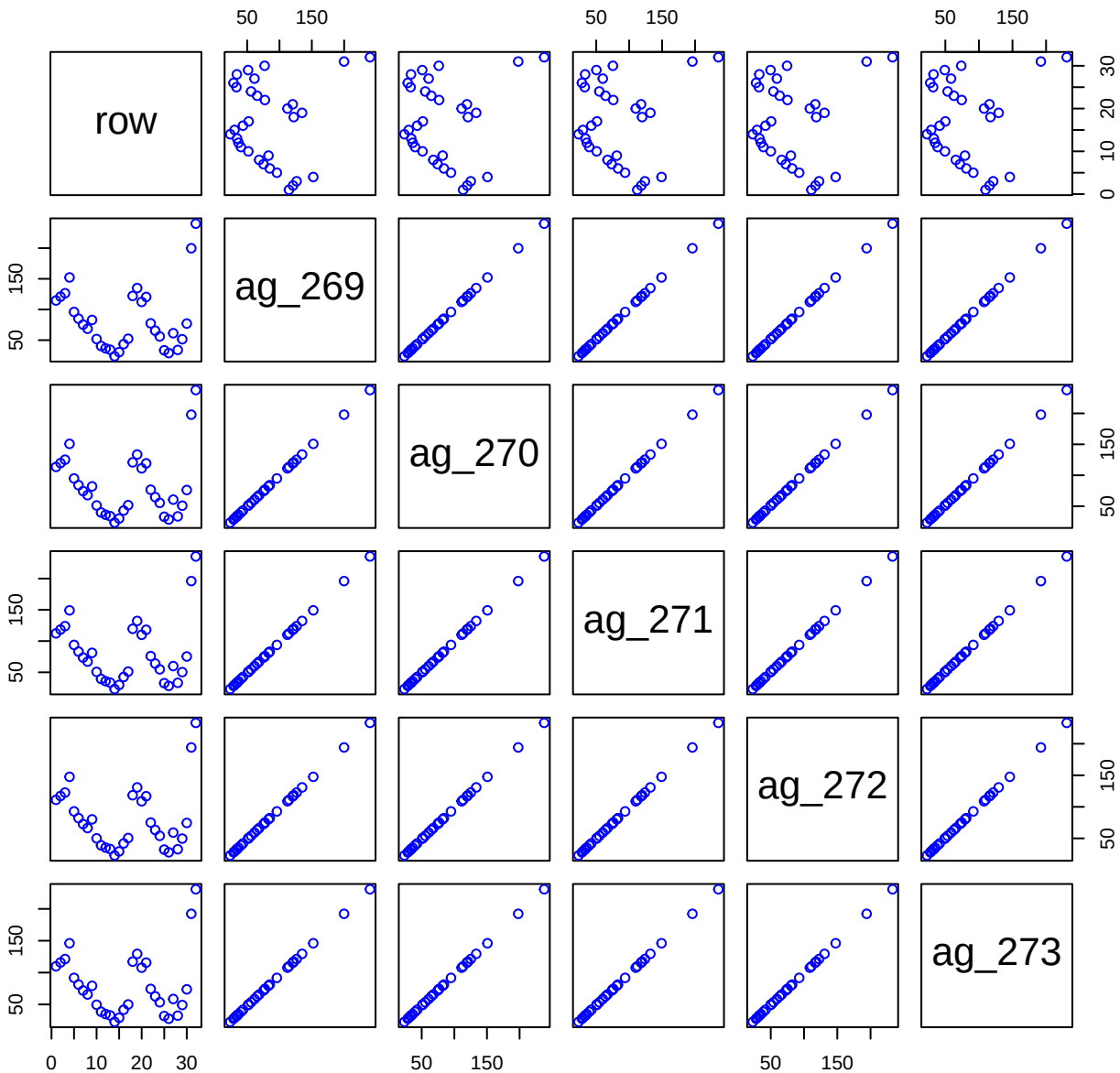
HF459-08 Plot 4



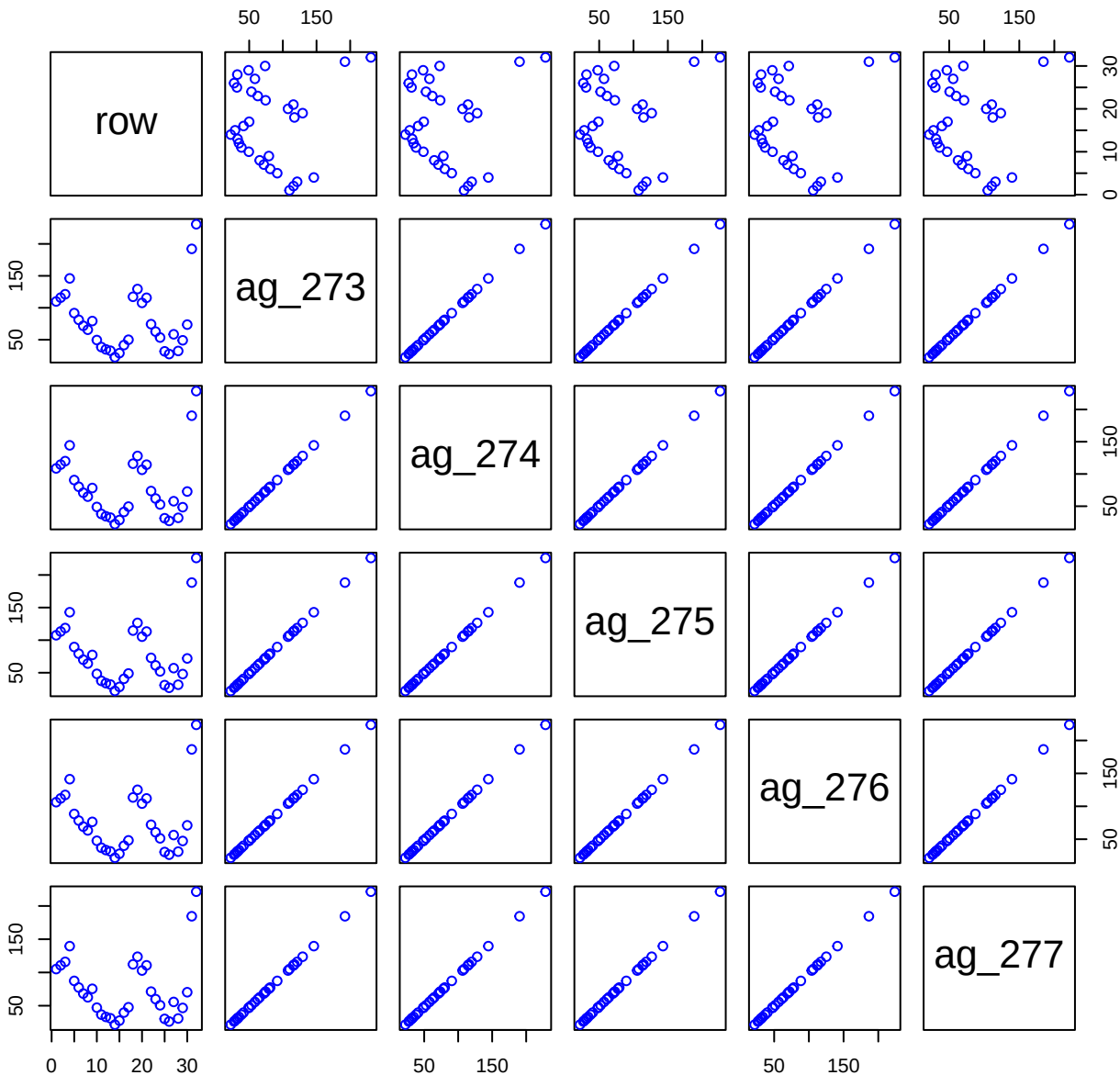
HF459-08 Plot 5



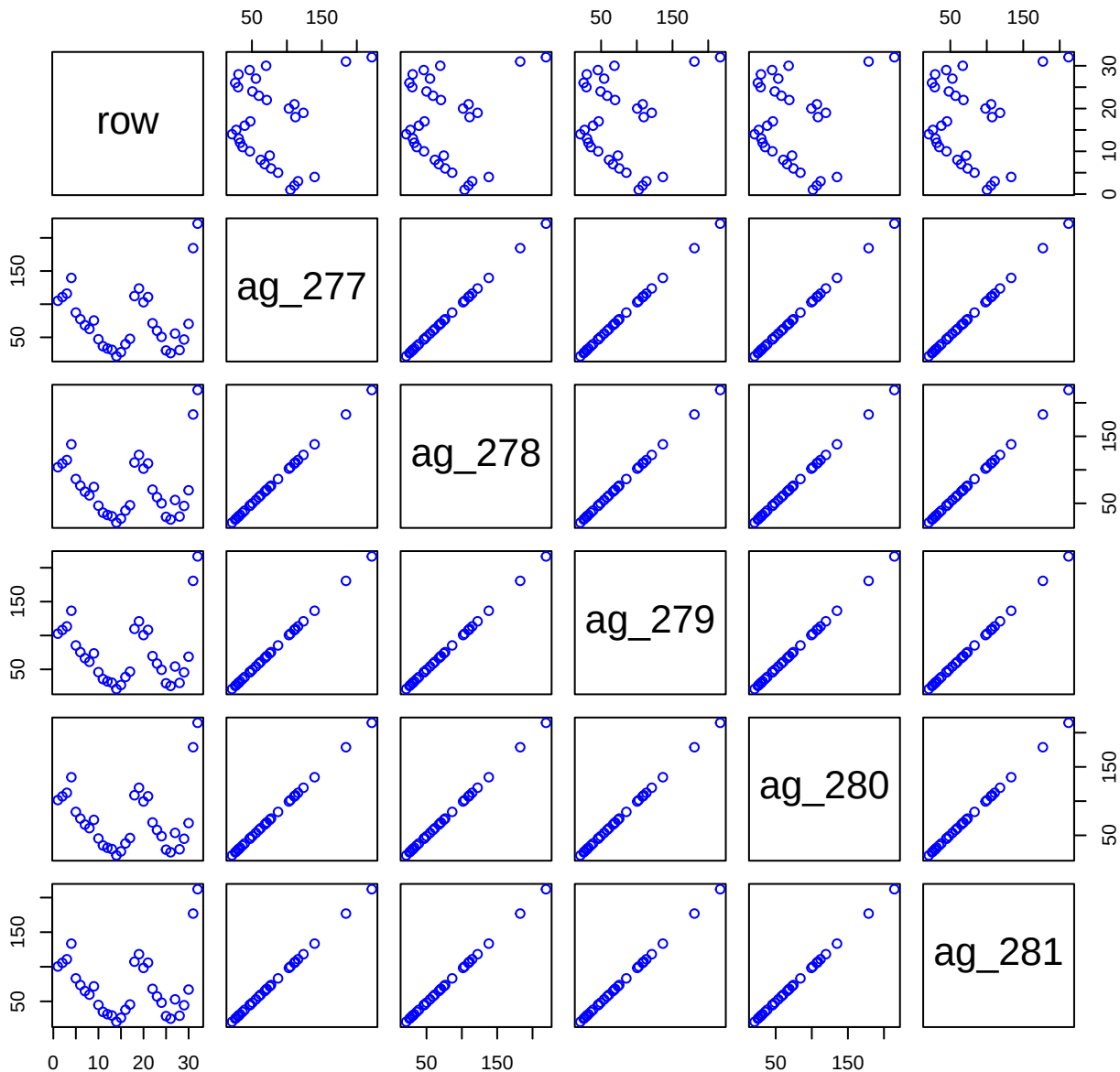
HF459-08 Plot 6



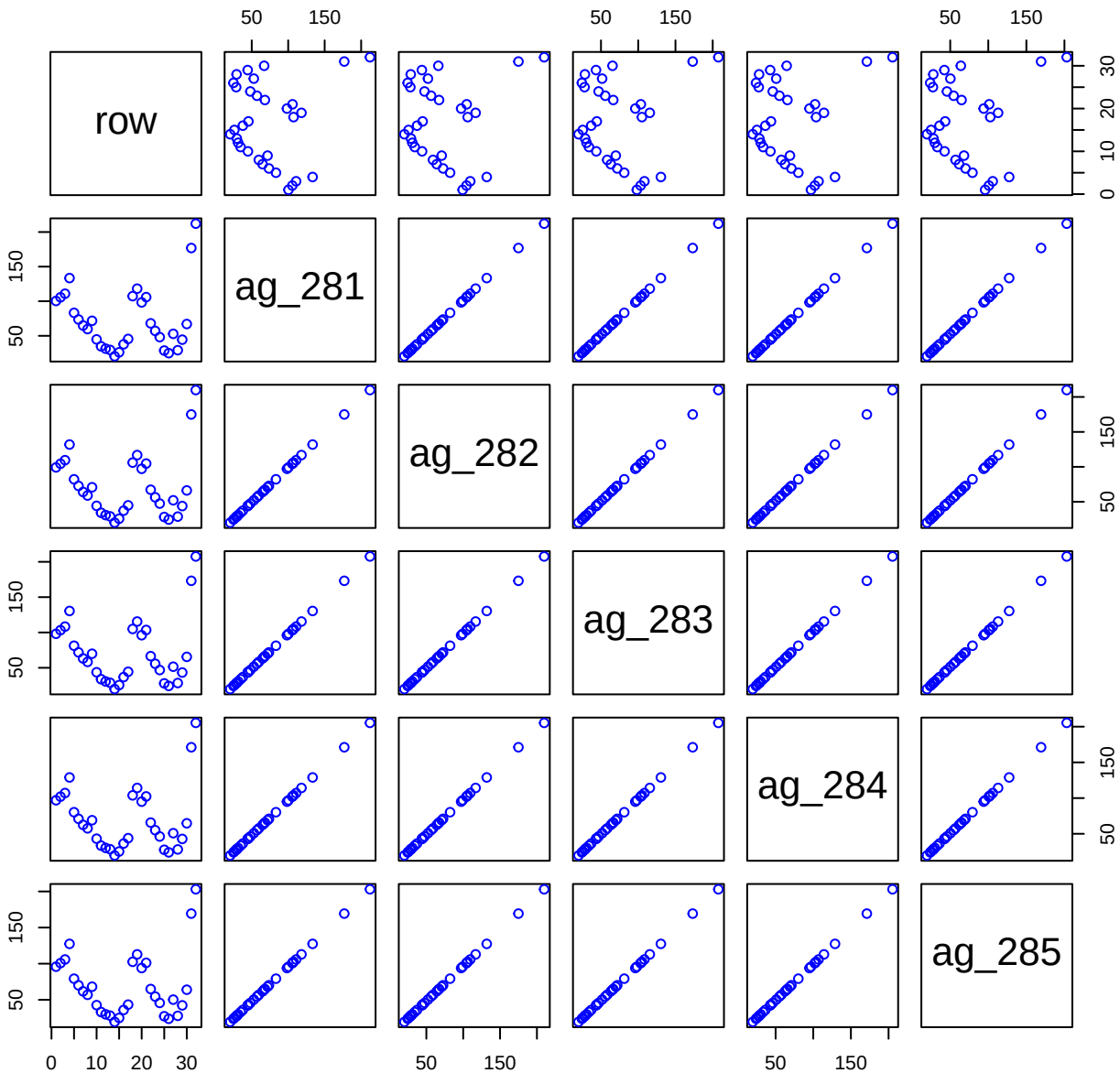
HF459-08 Plot 7



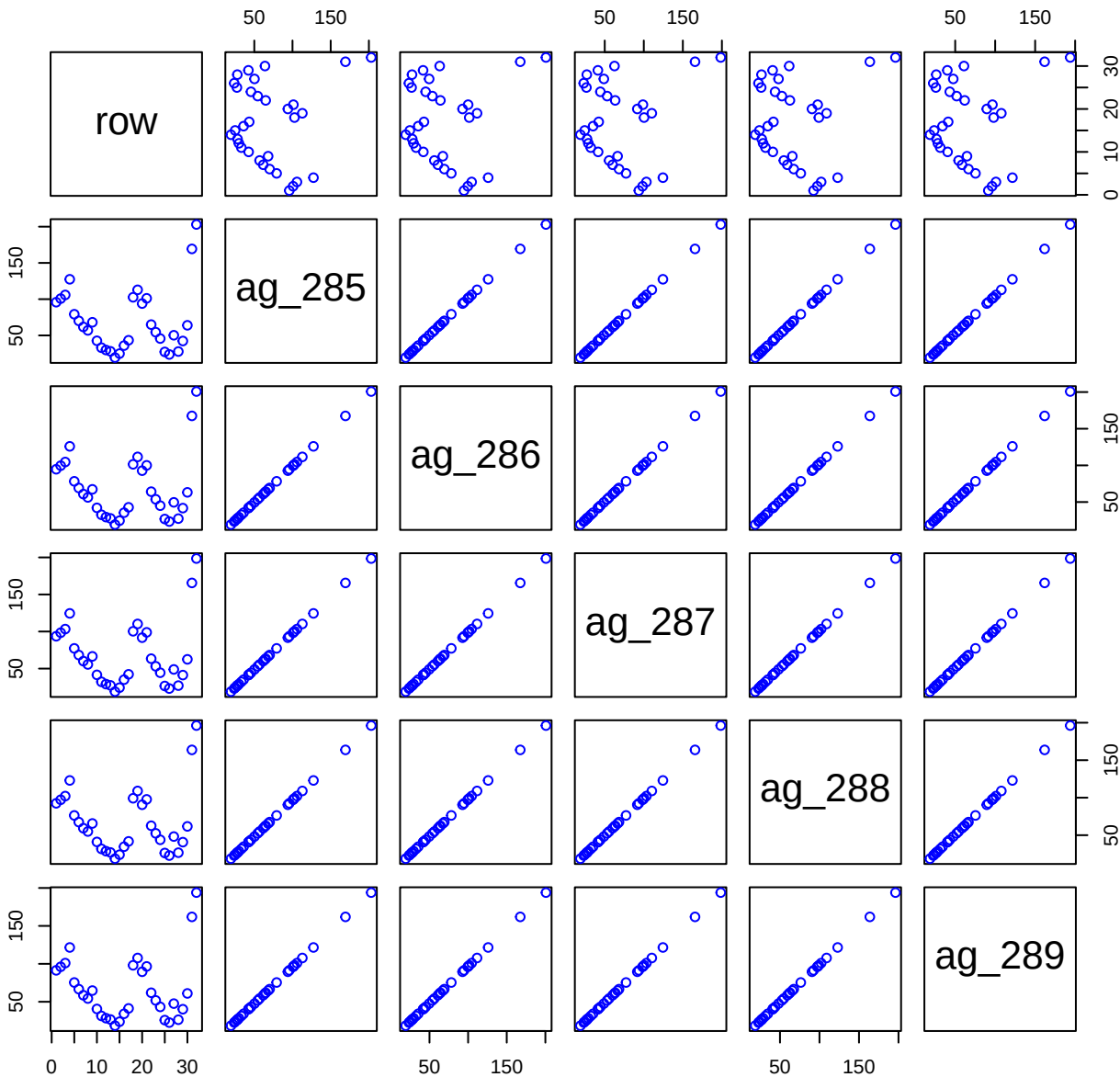
HF459-08 Plot 8



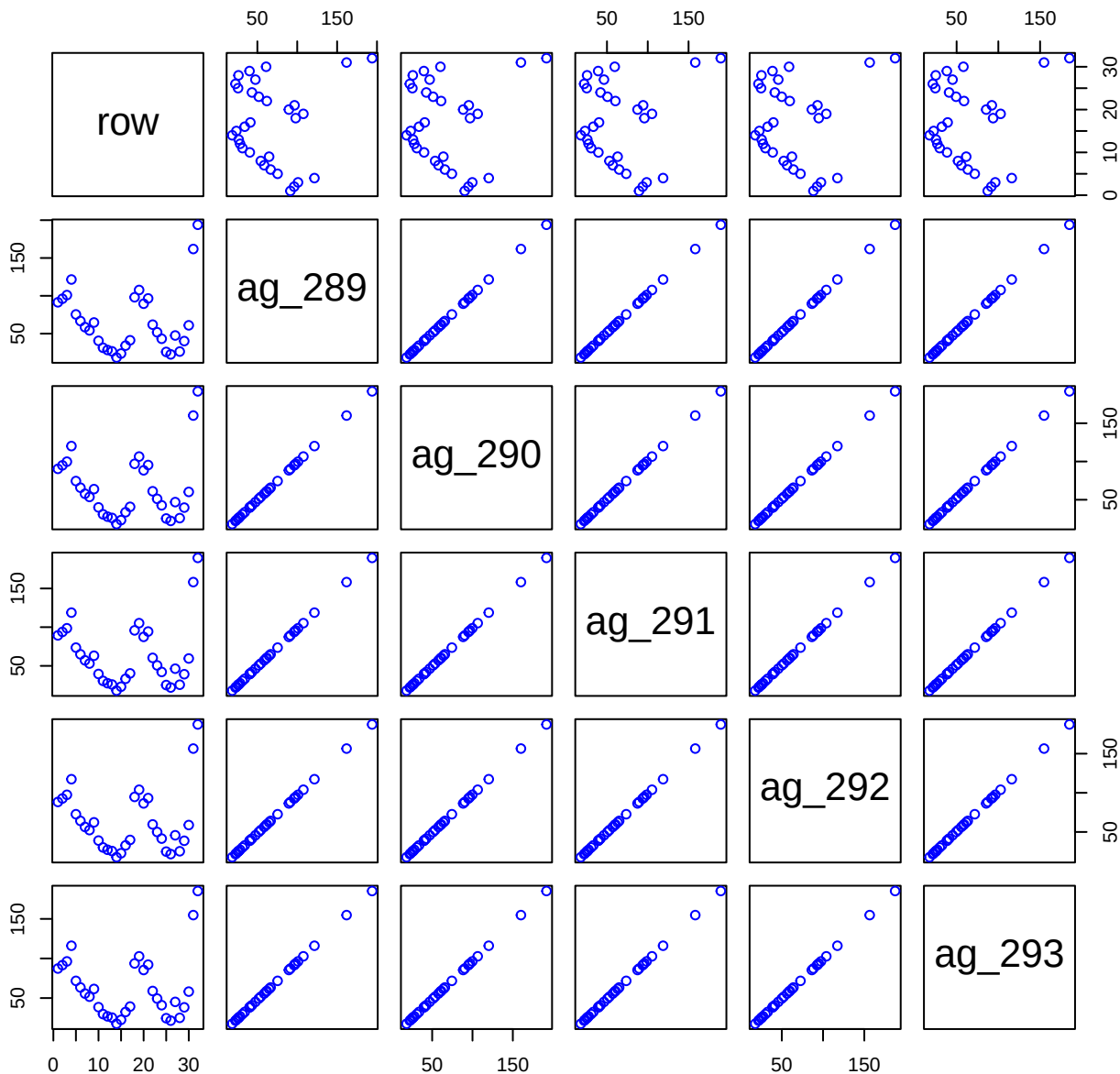
HF459-08 Plot 9



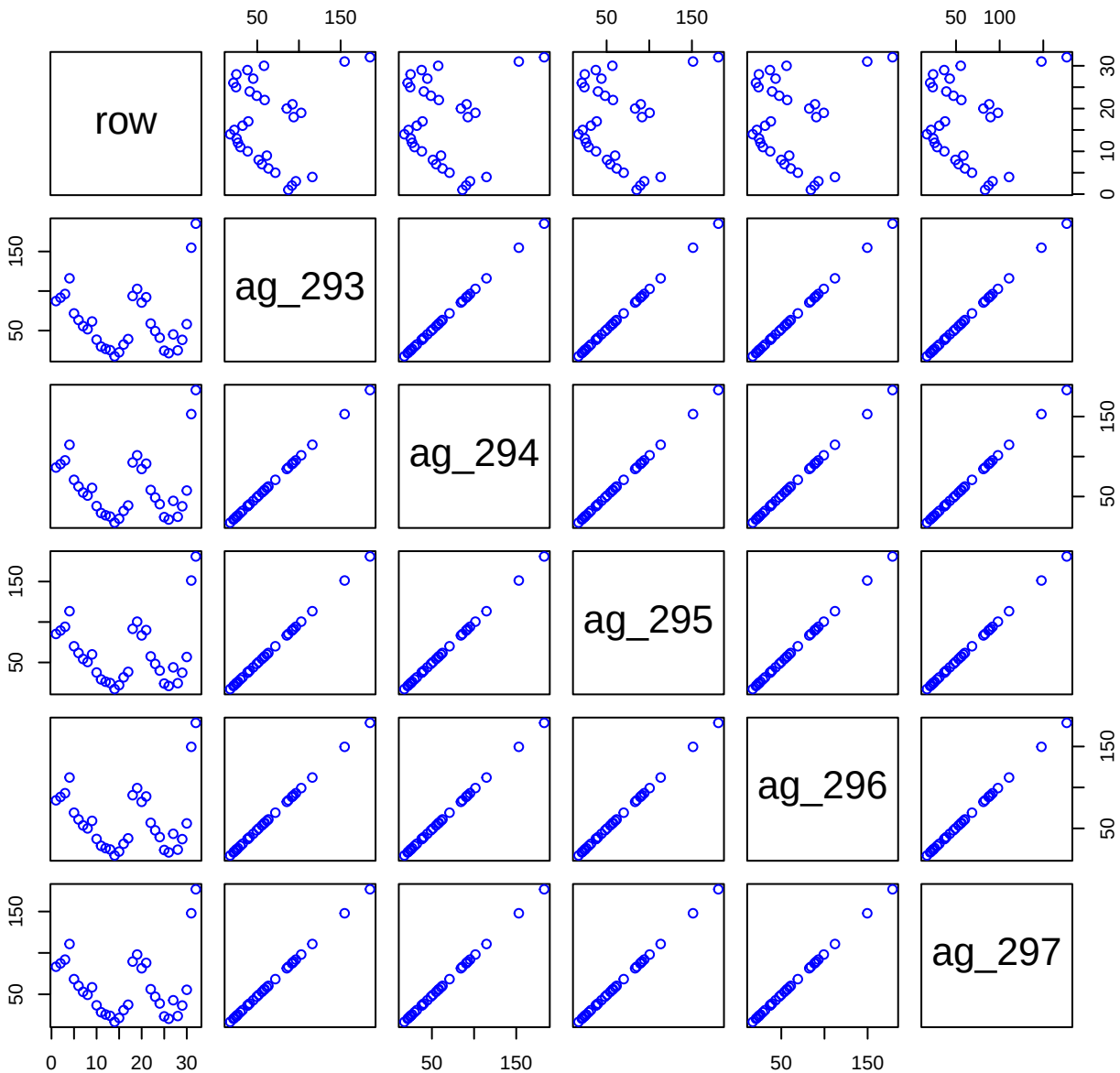
HF459-08 Plot 10



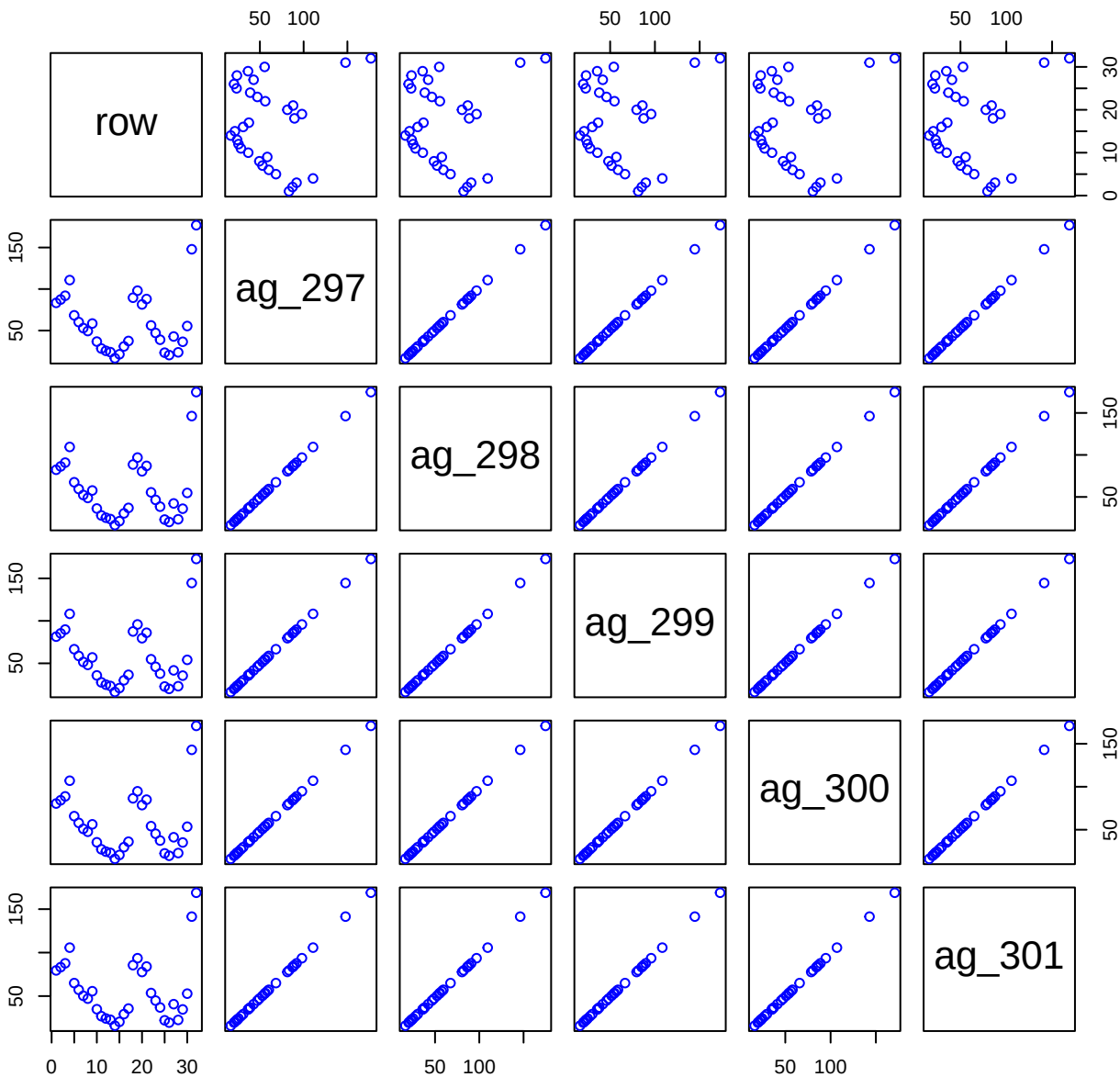
HF459-08 Plot 11



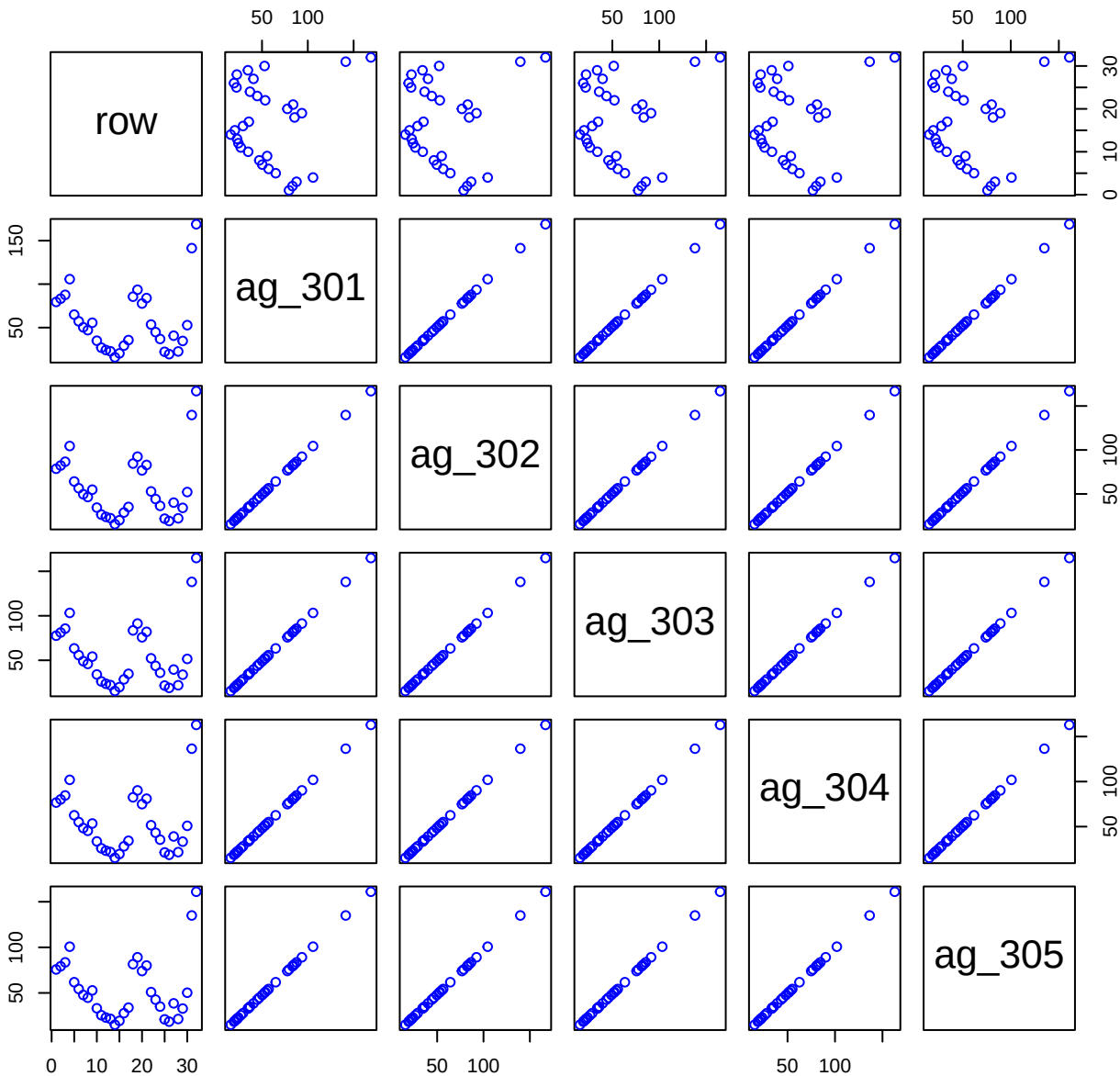
HF459-08 Plot 12



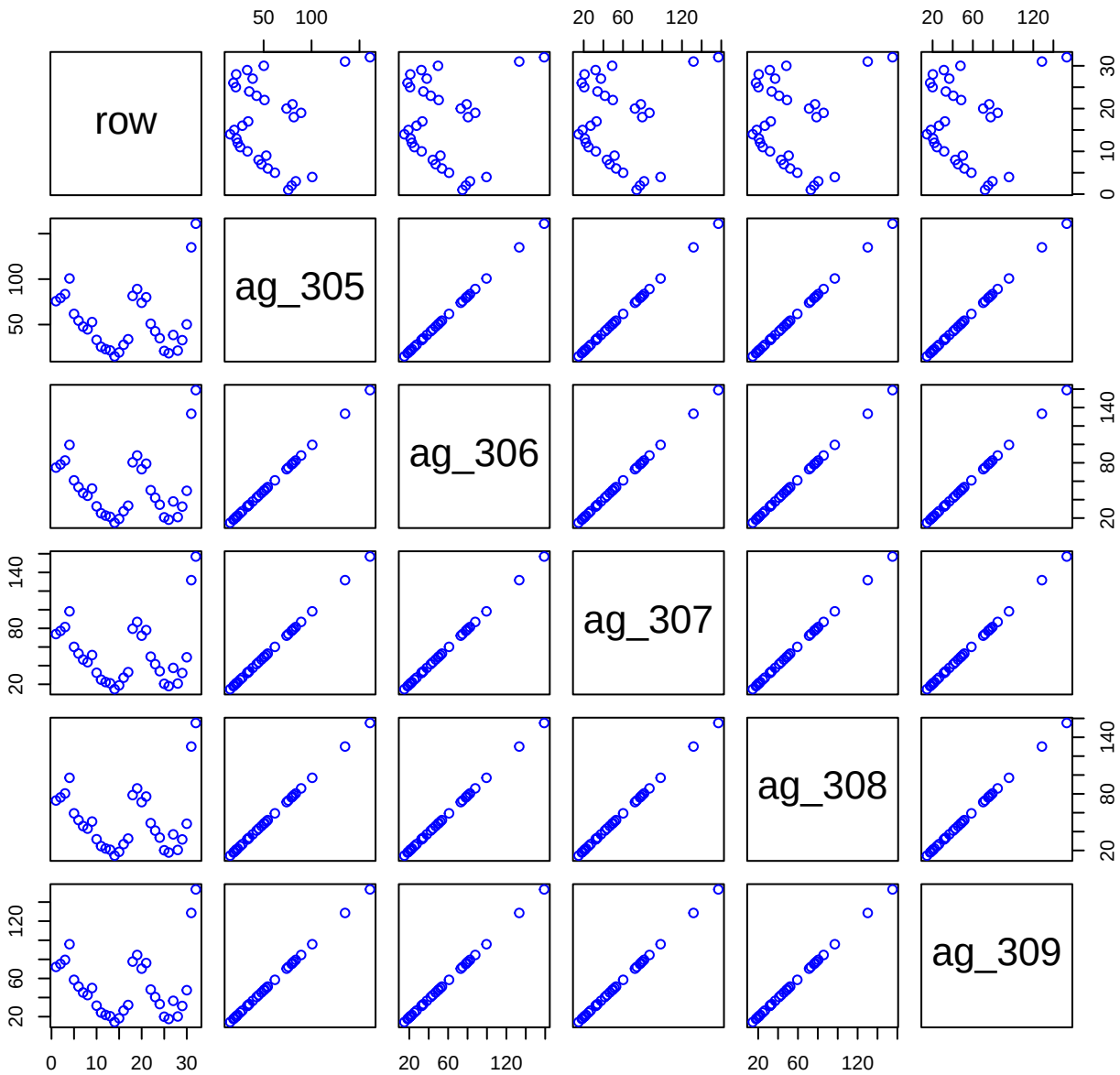
HF459-08 Plot 13



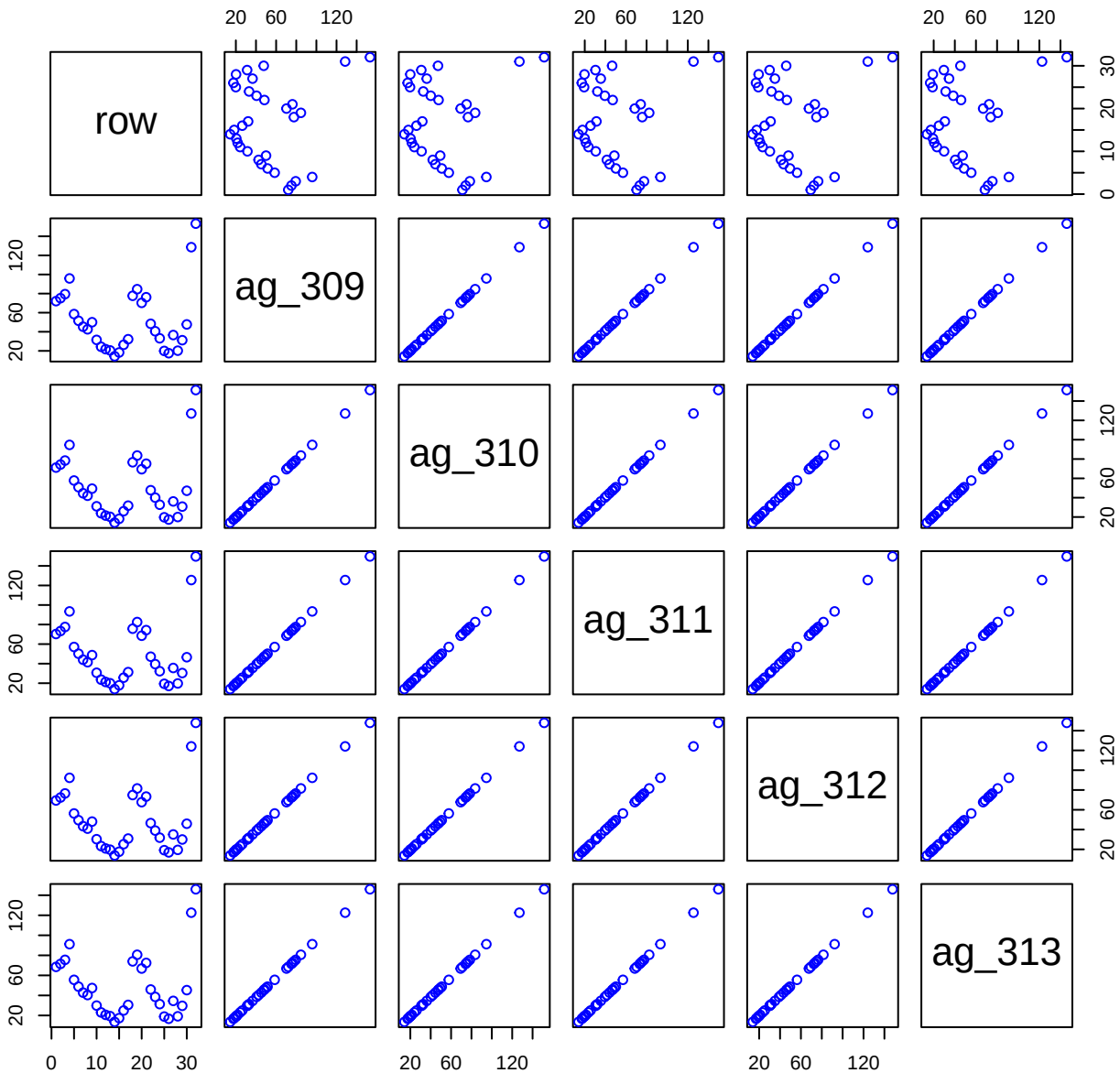
HF459-08 Plot 14



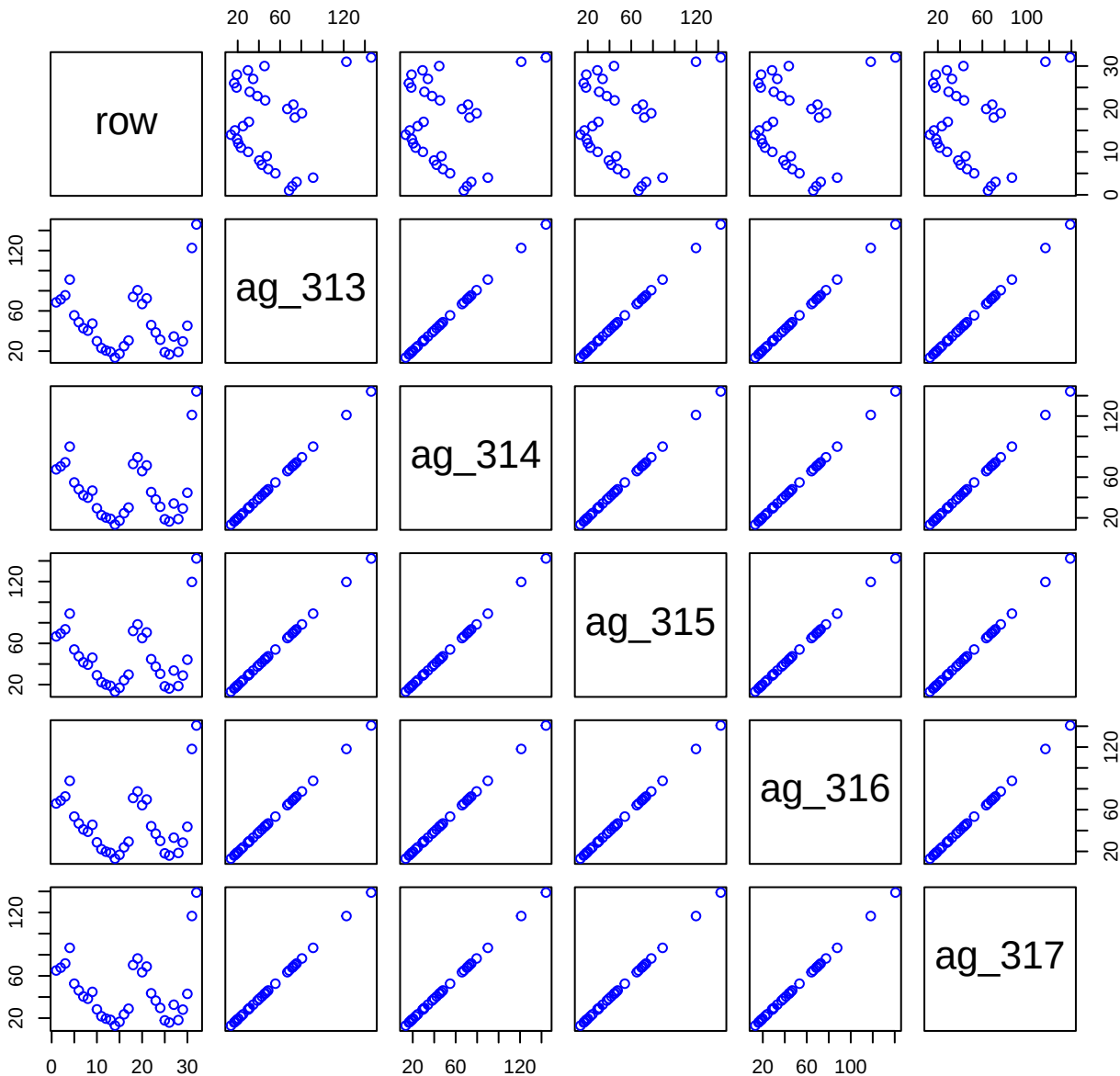
HF459-08 Plot 15



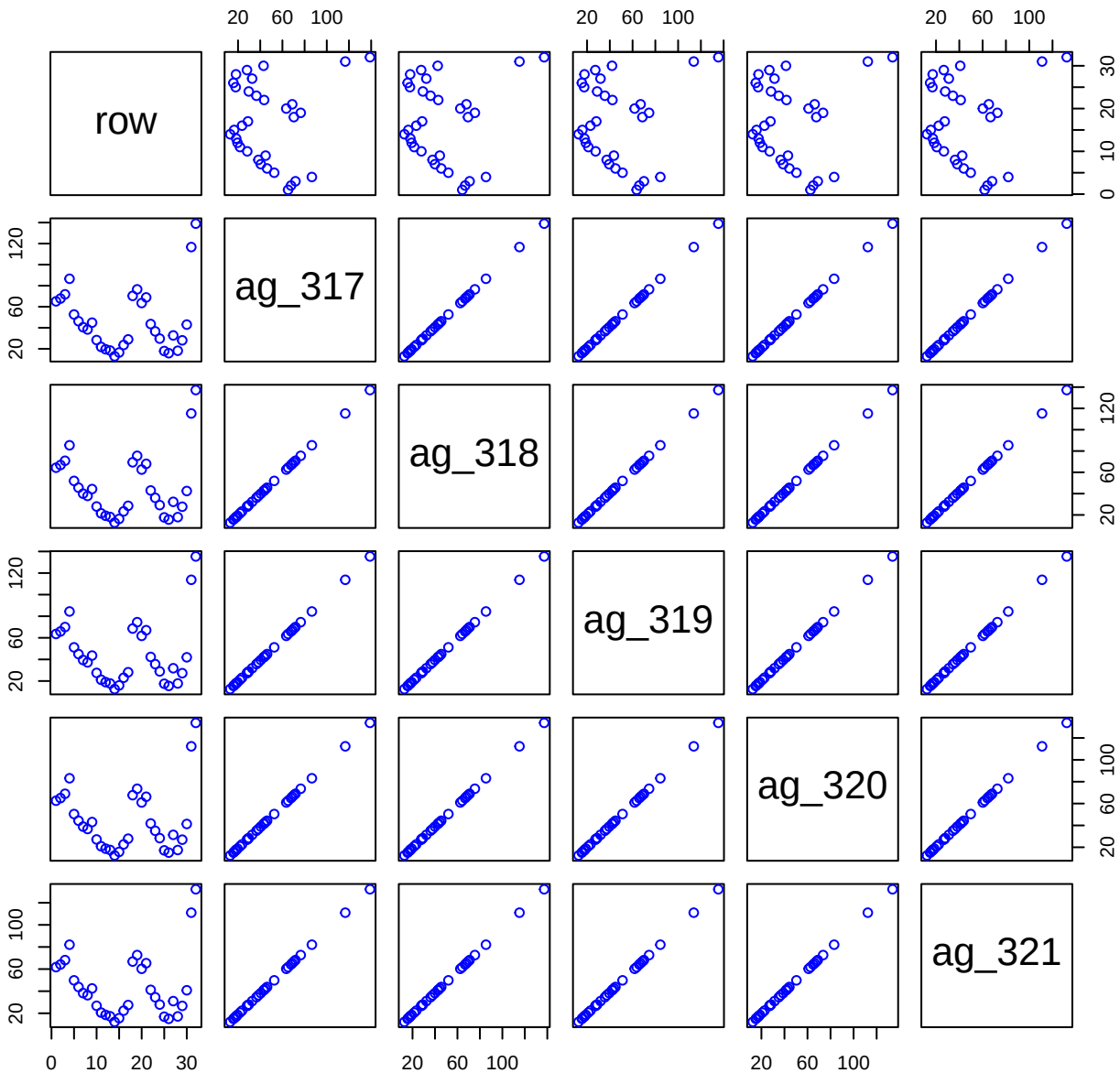
HF459-08 Plot 16



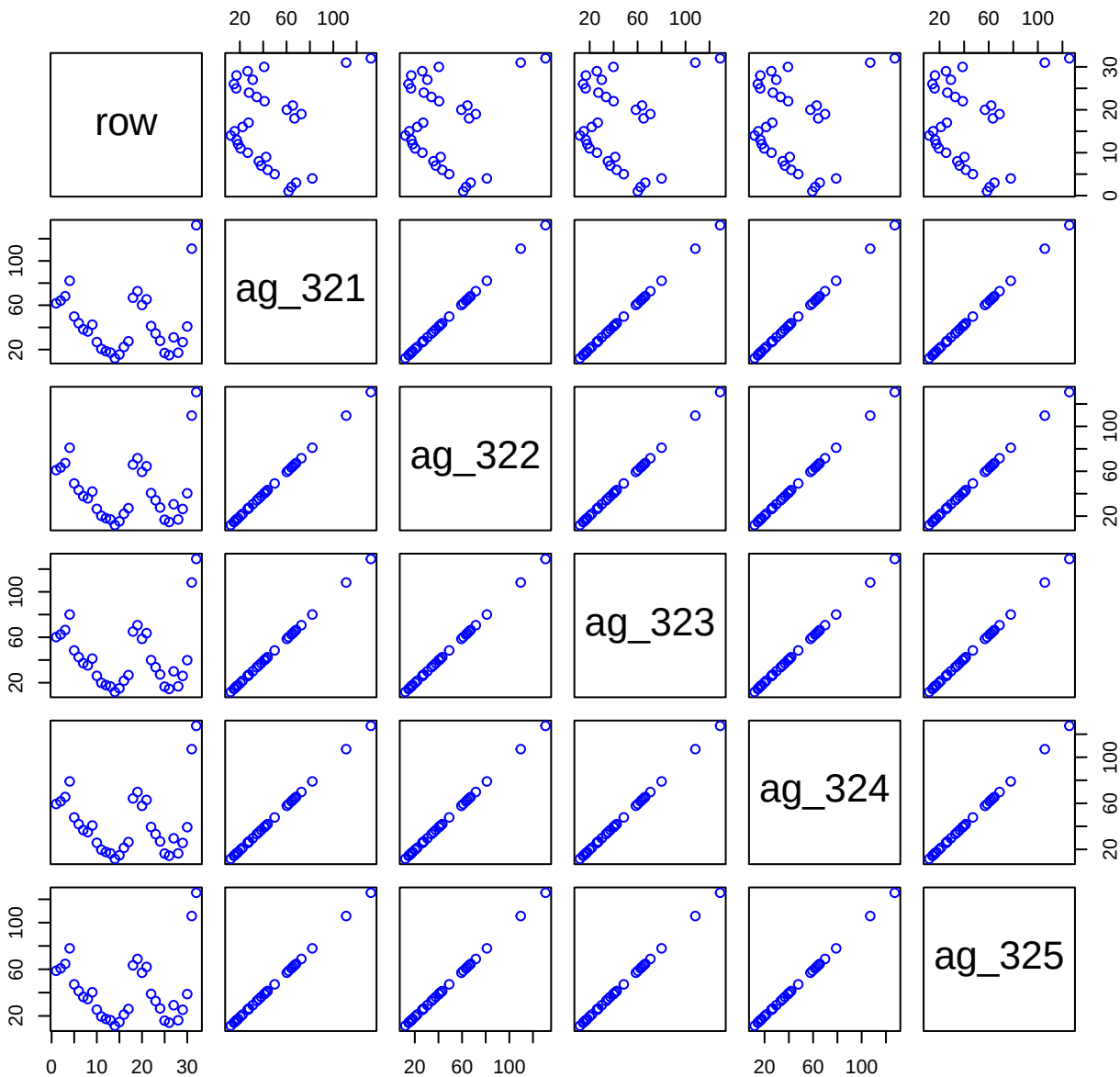
HF459-08 Plot 17



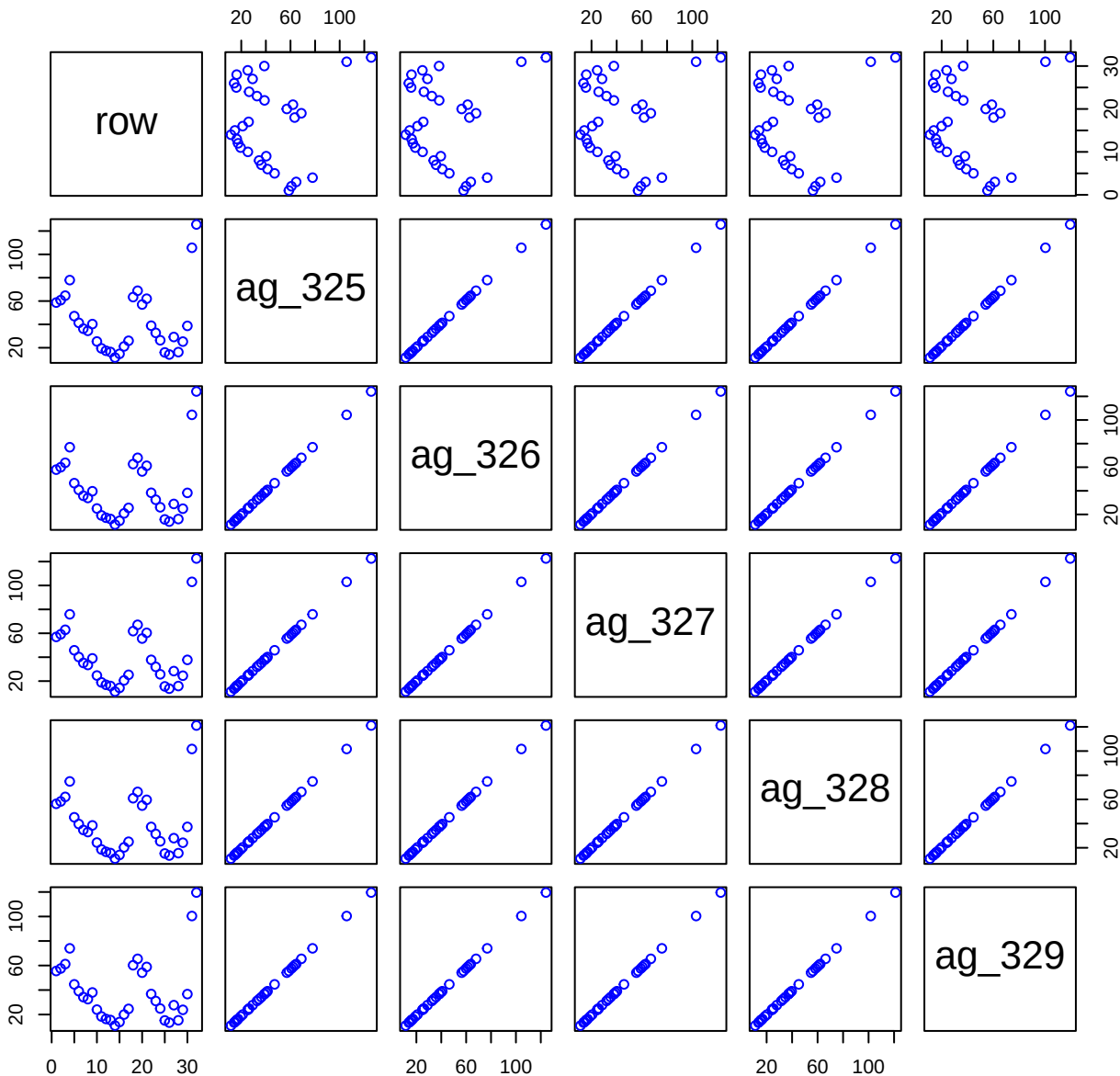
HF459-08 Plot 18



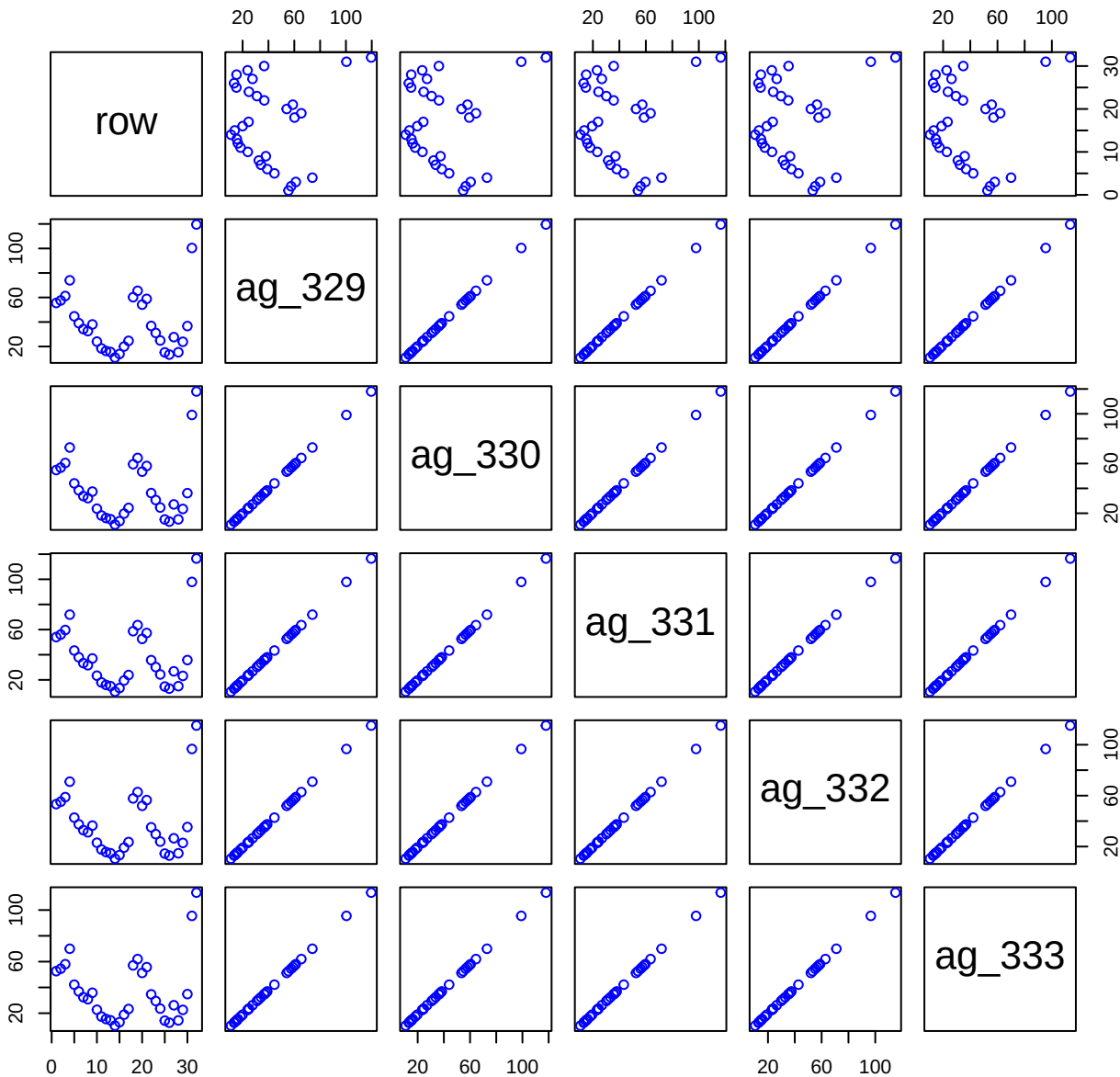
HF459-08 Plot 19



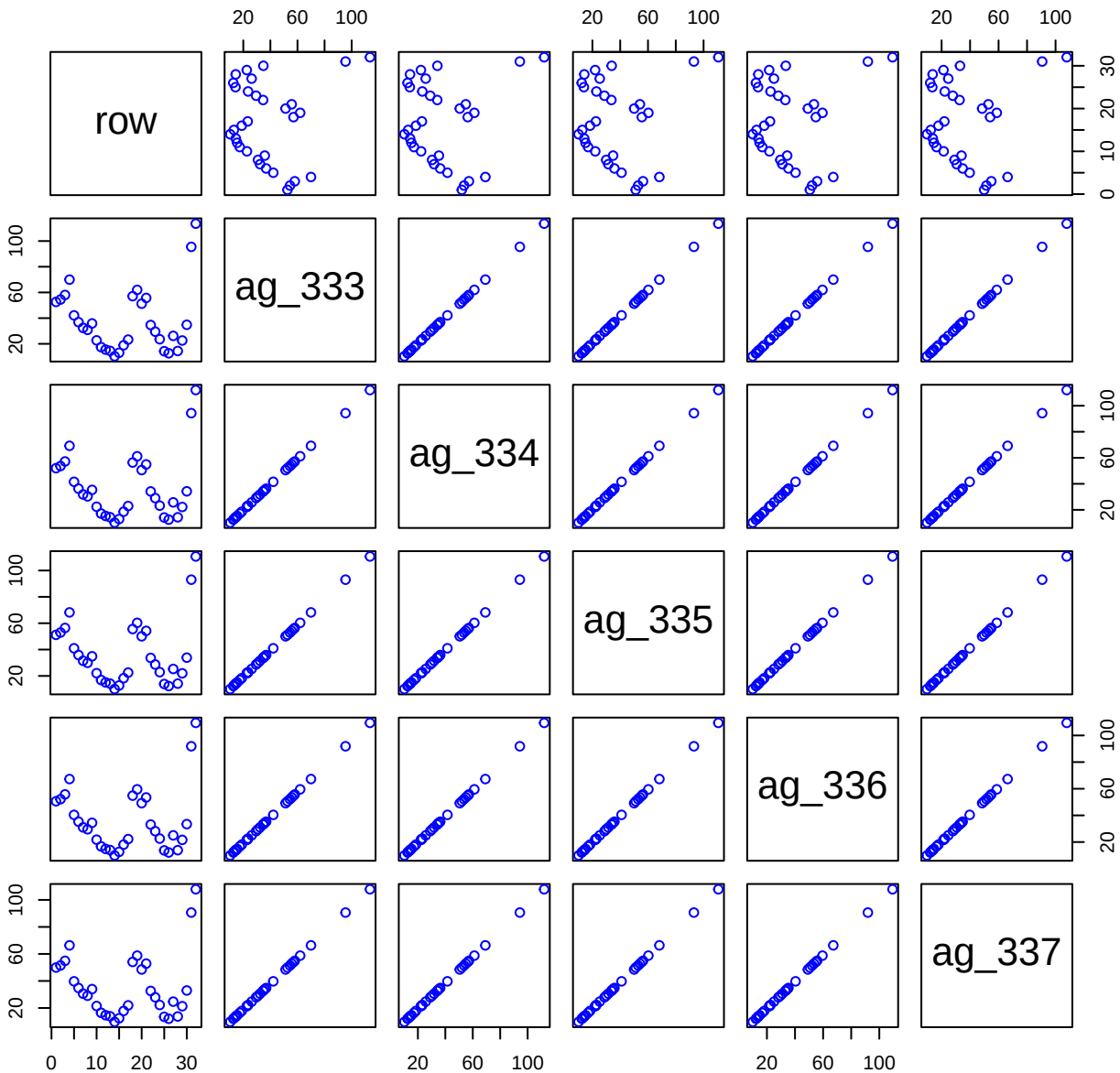
HF459-08 Plot 20



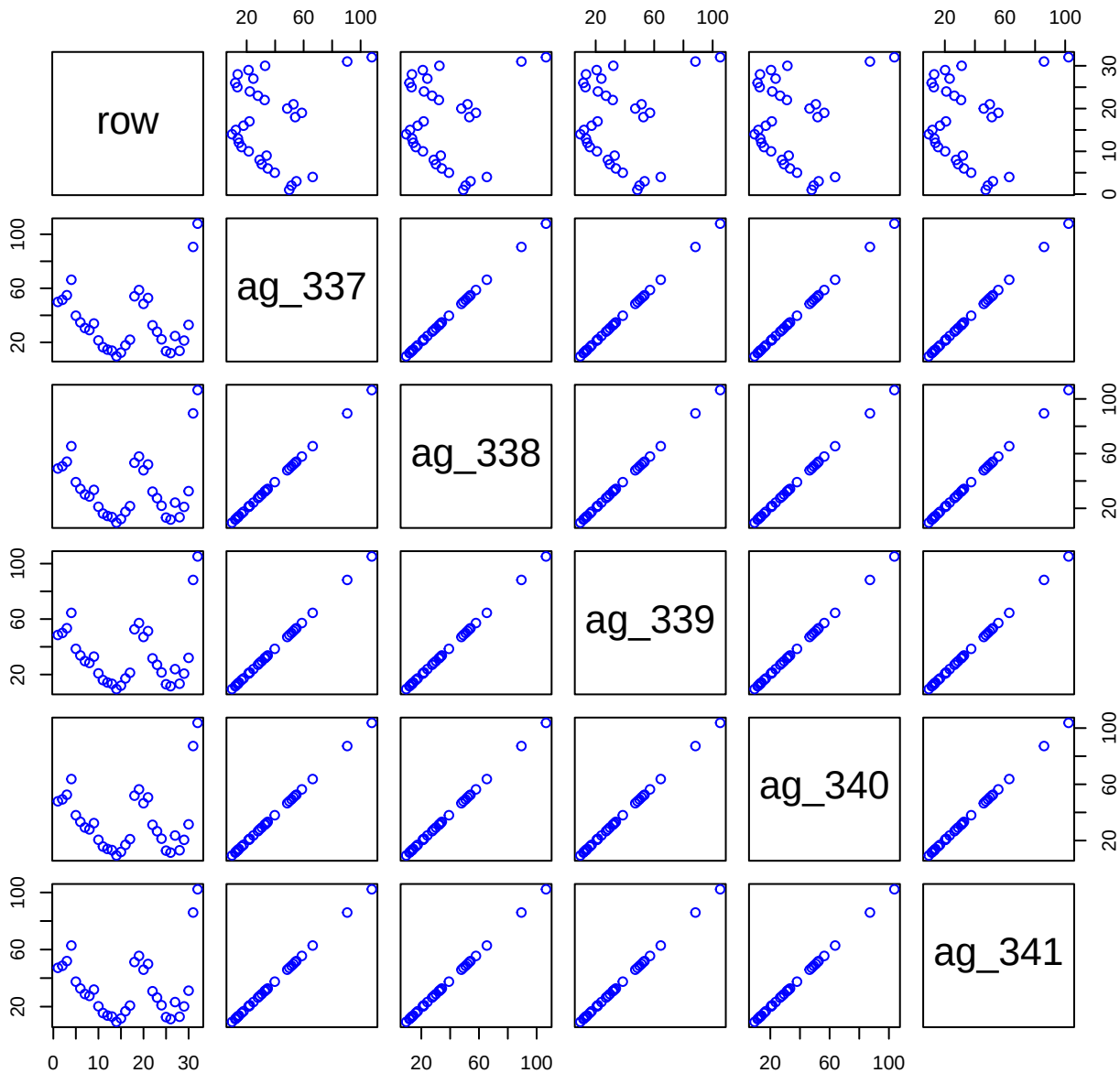
HF459-08 Plot 21



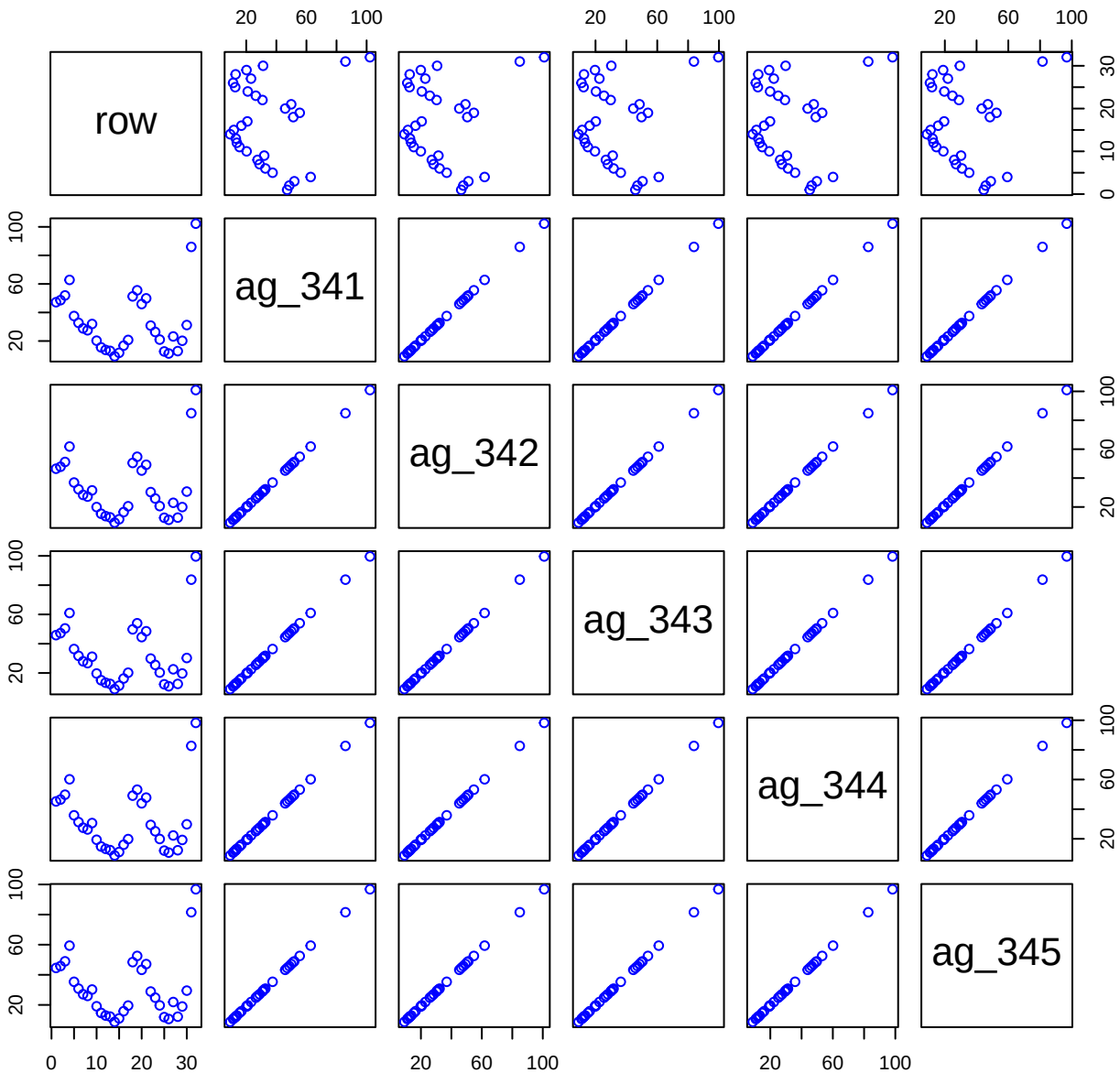
HF459-08 Plot 22



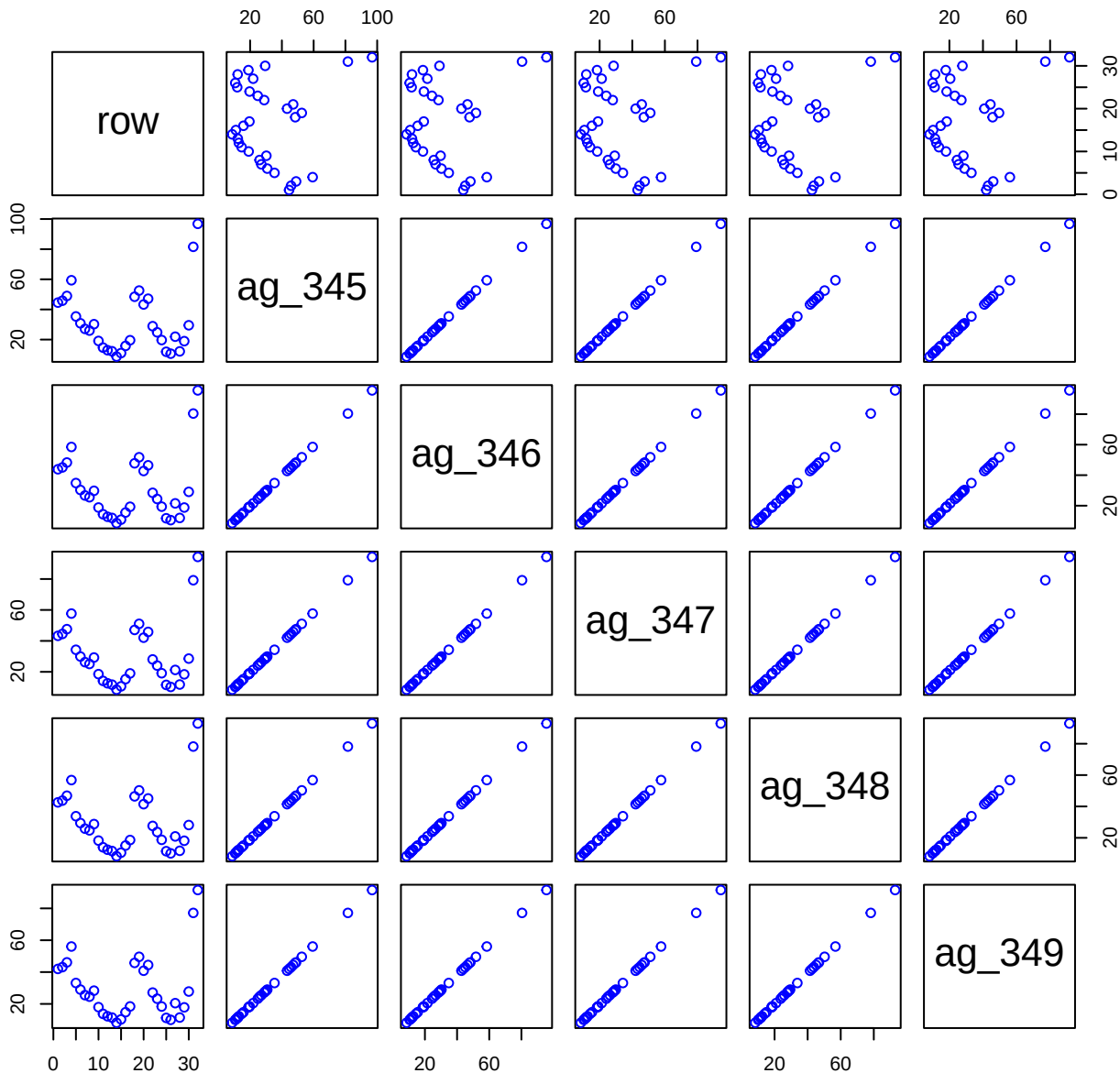
HF459-08 Plot 23



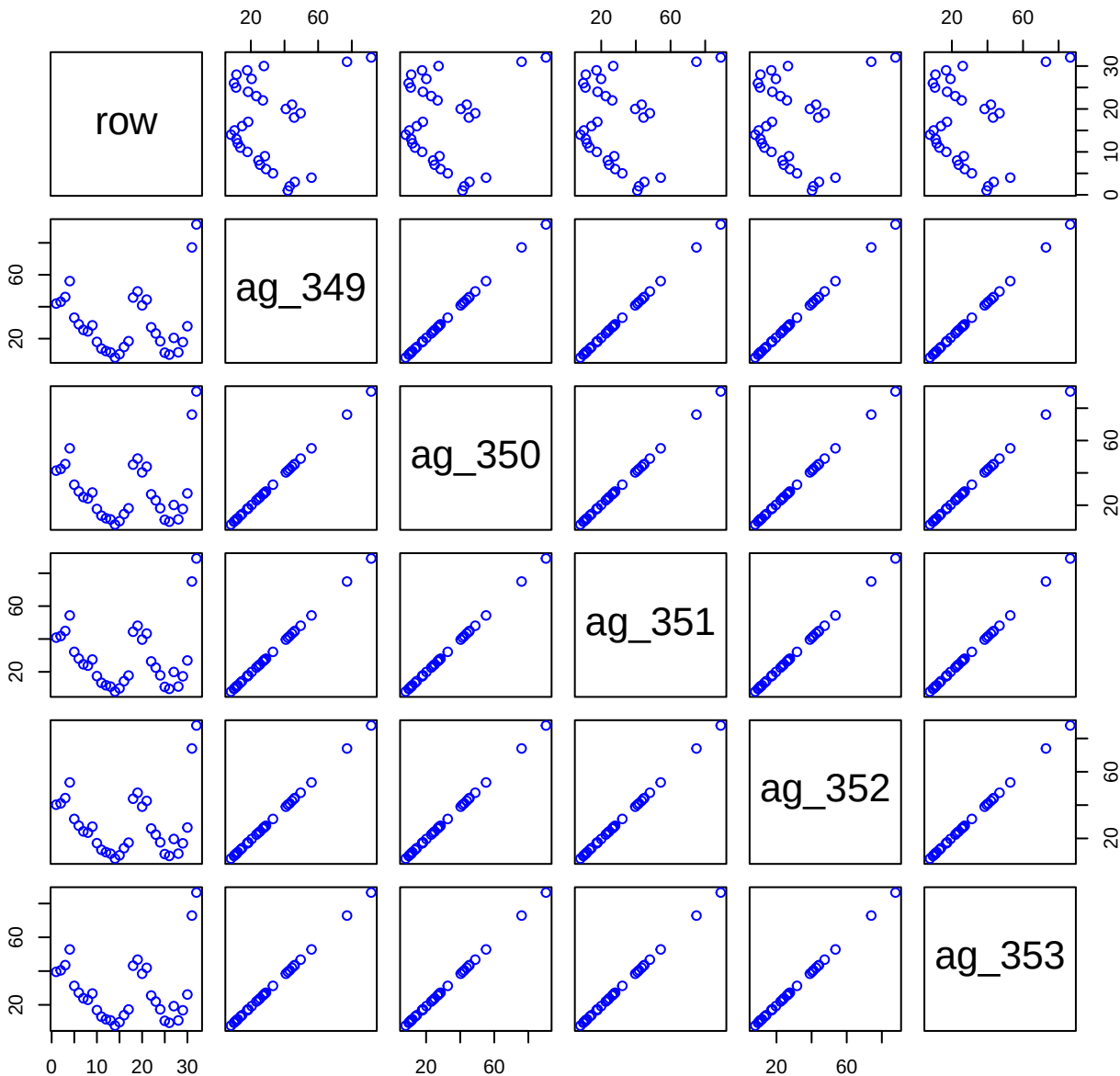
HF459-08 Plot 24



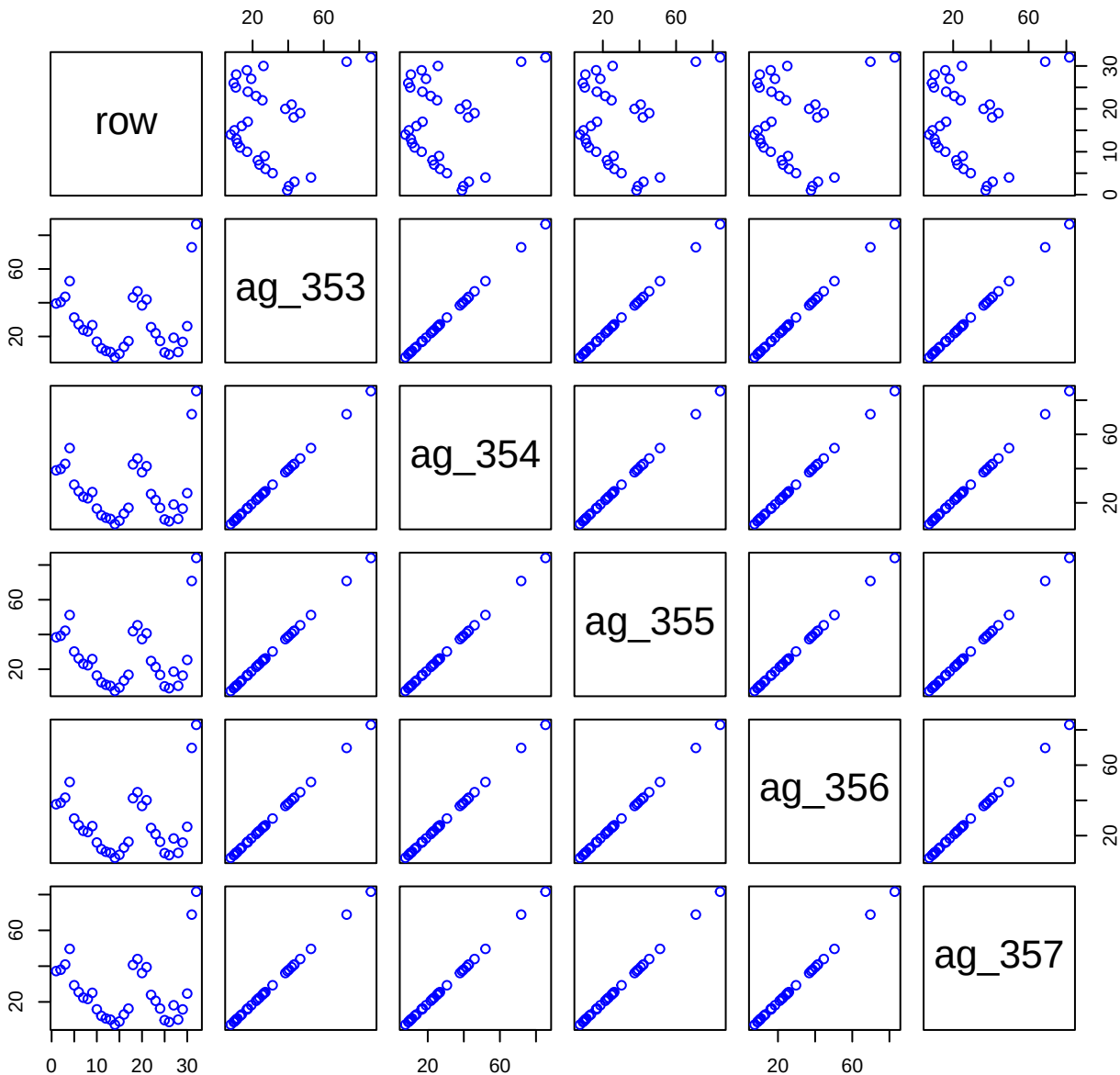
HF459-08 Plot 25



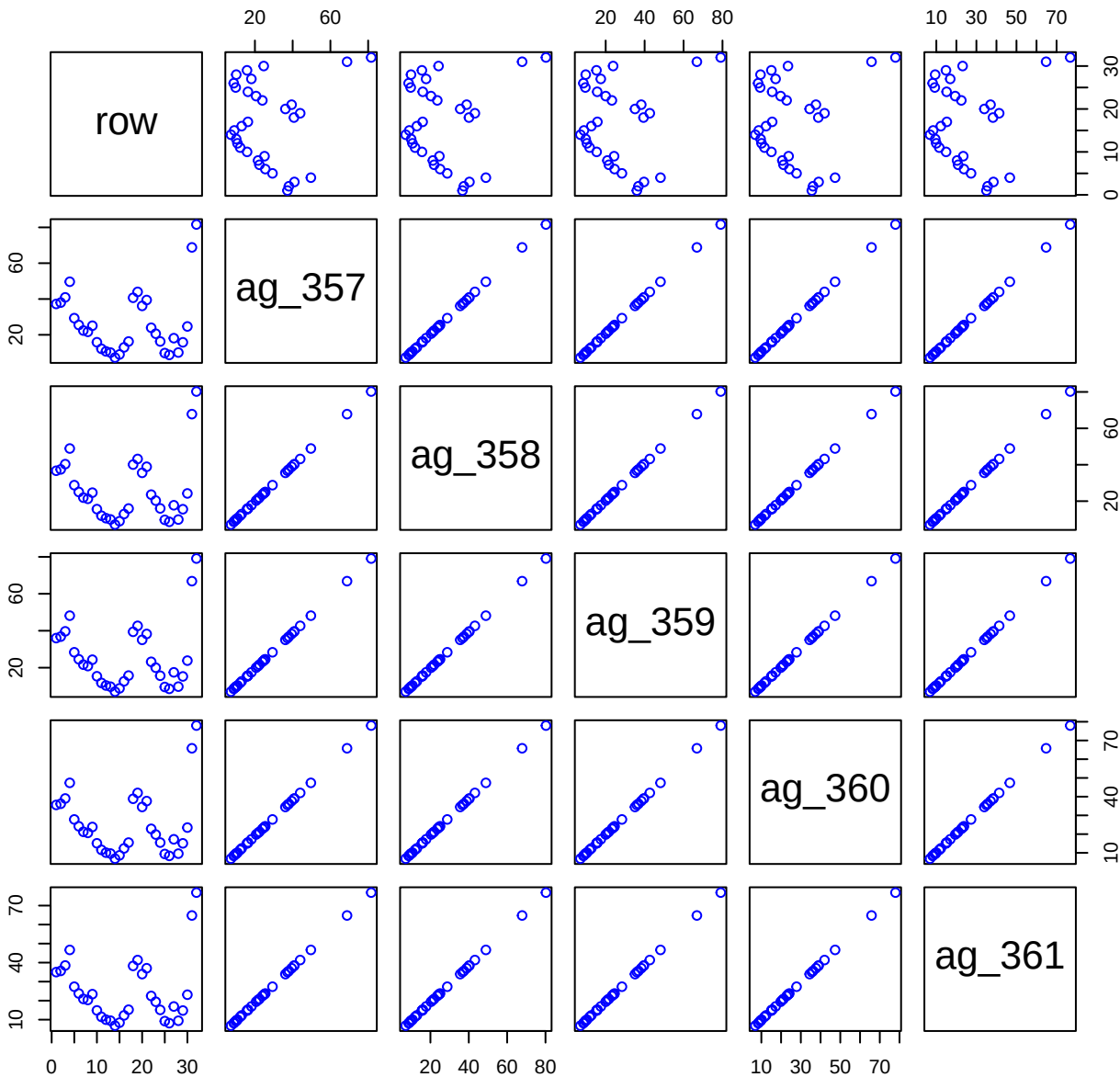
HF459-08 Plot 26



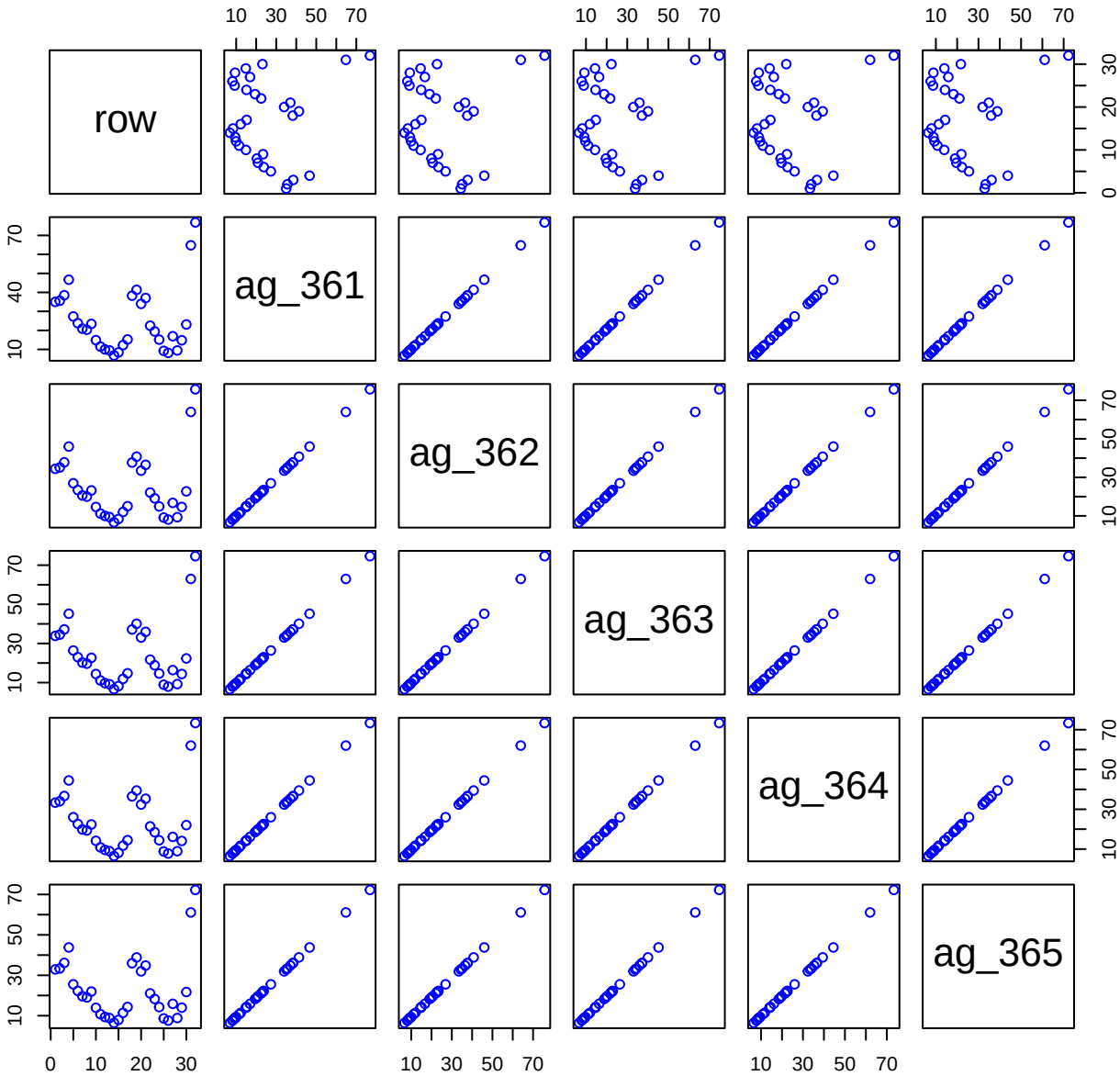
HF459-08 Plot 27



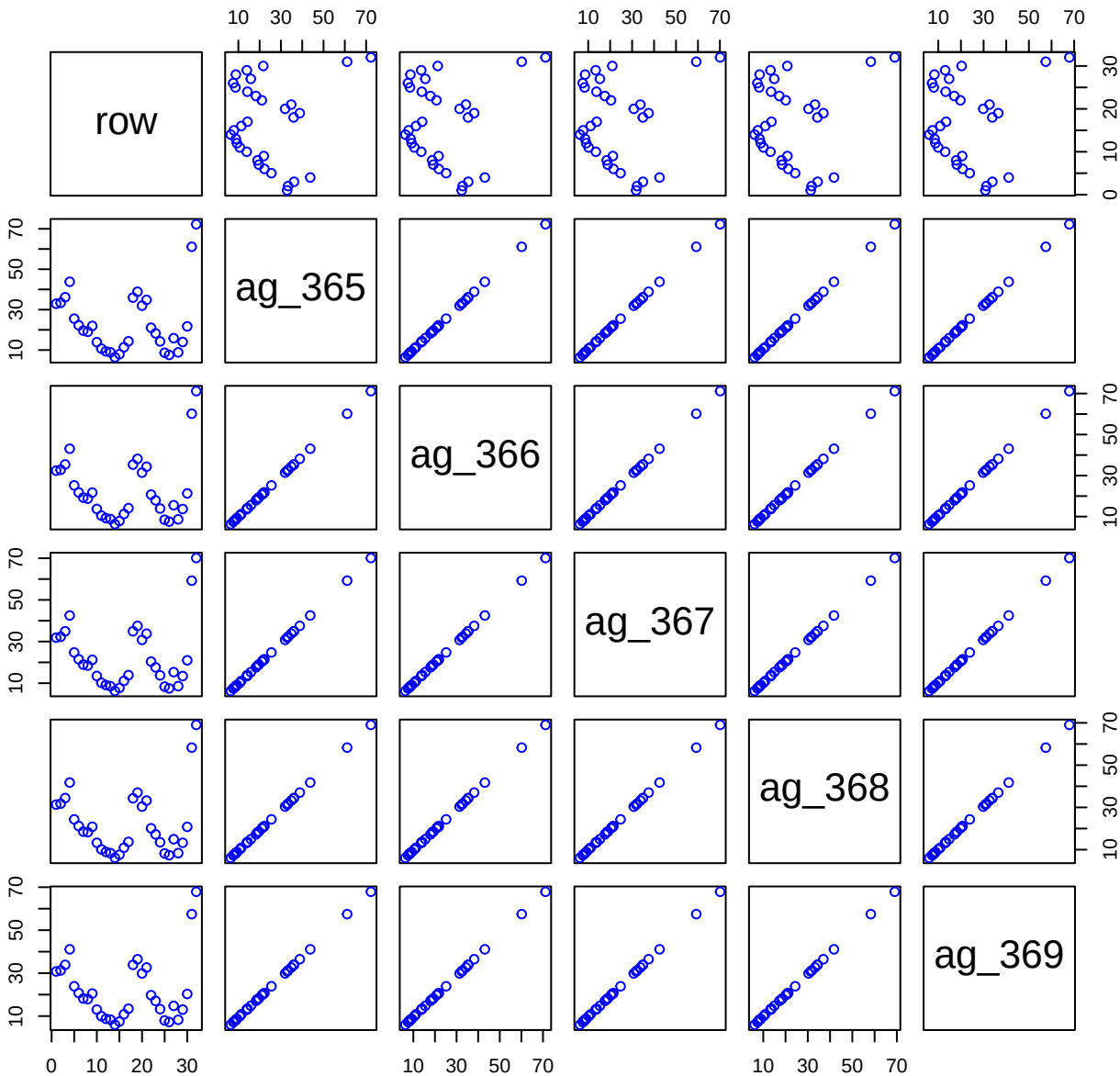
HF459-08 Plot 28



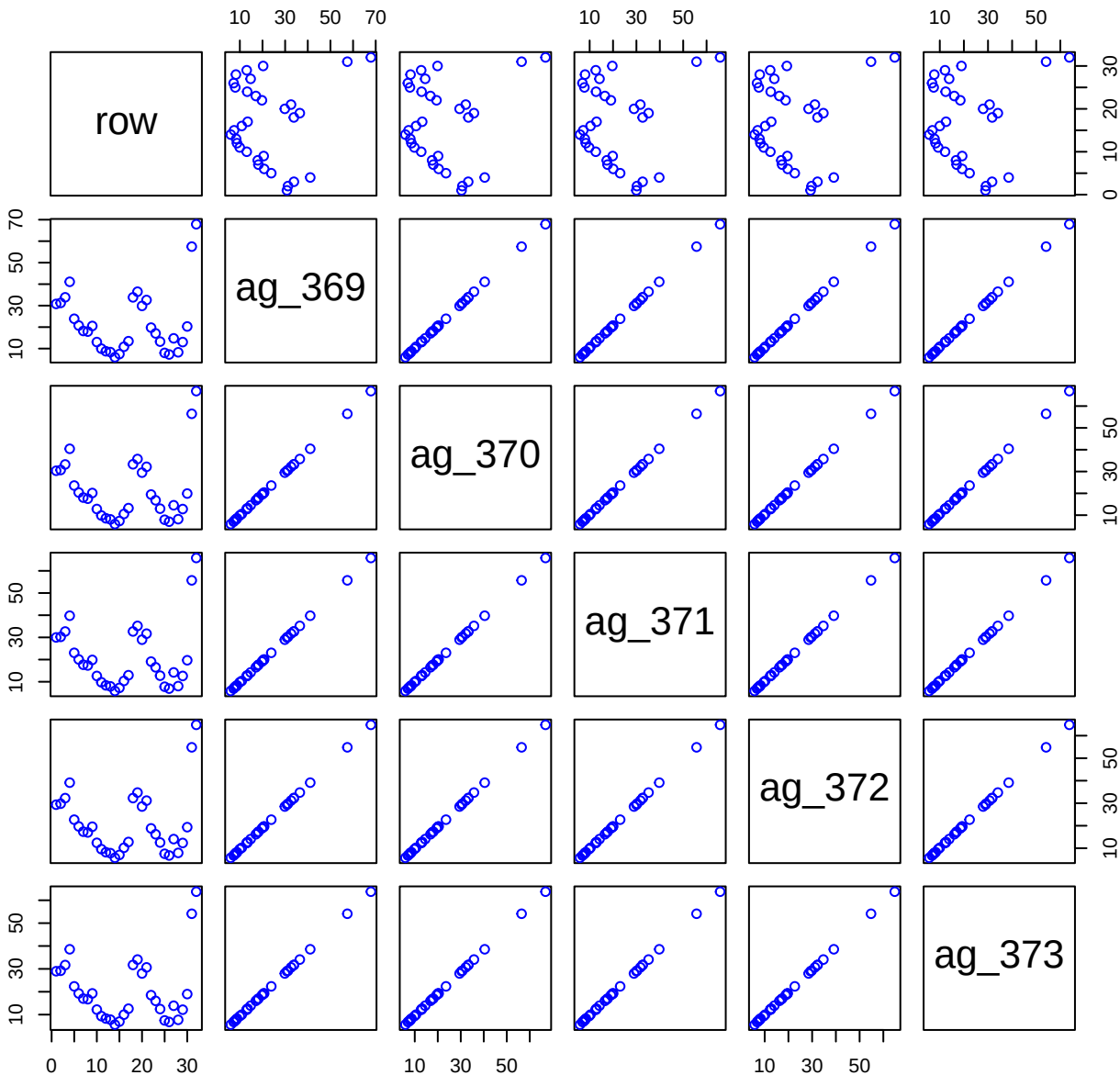
HF459-08 Plot 29



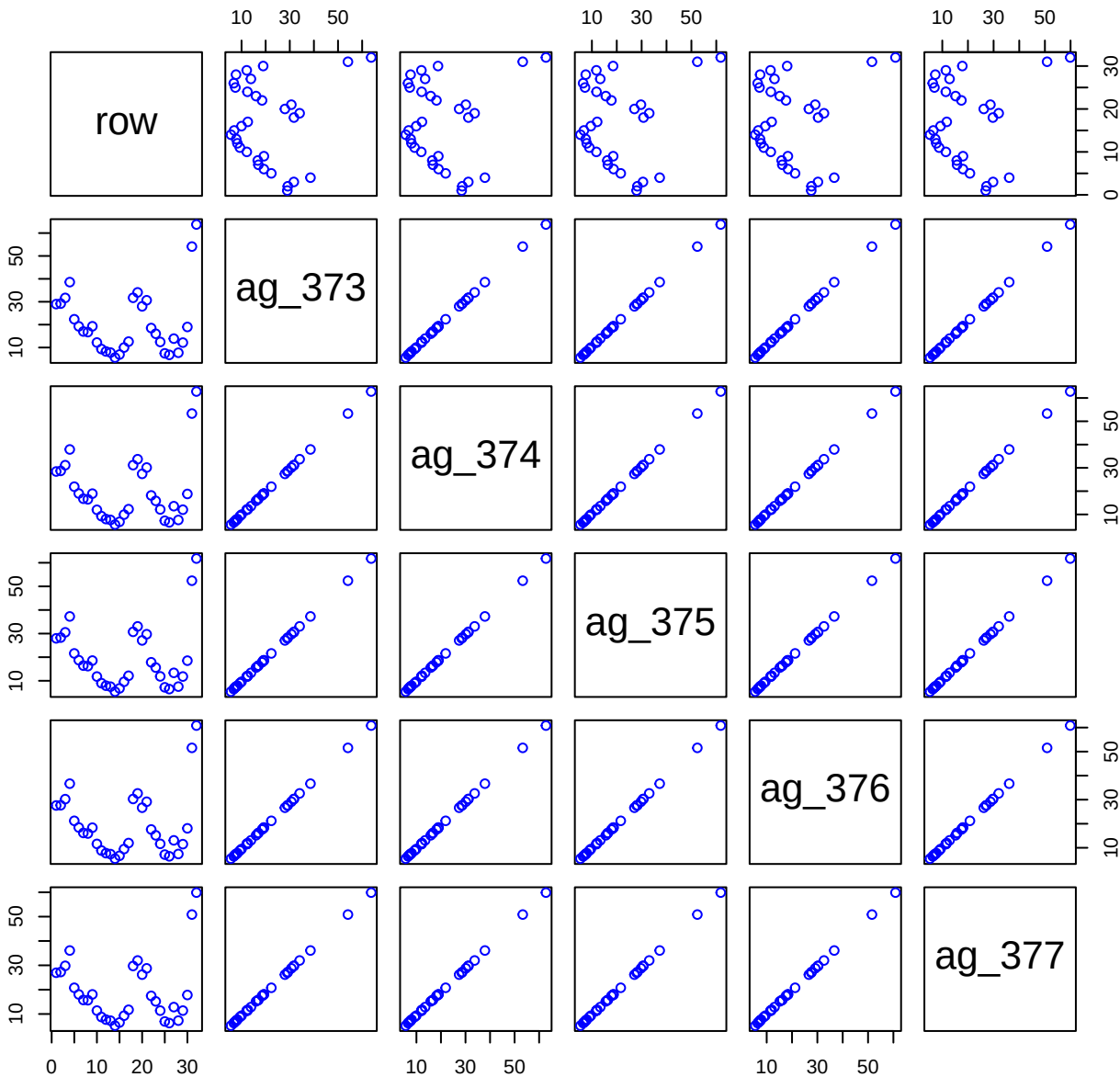
HF459-08 Plot 30



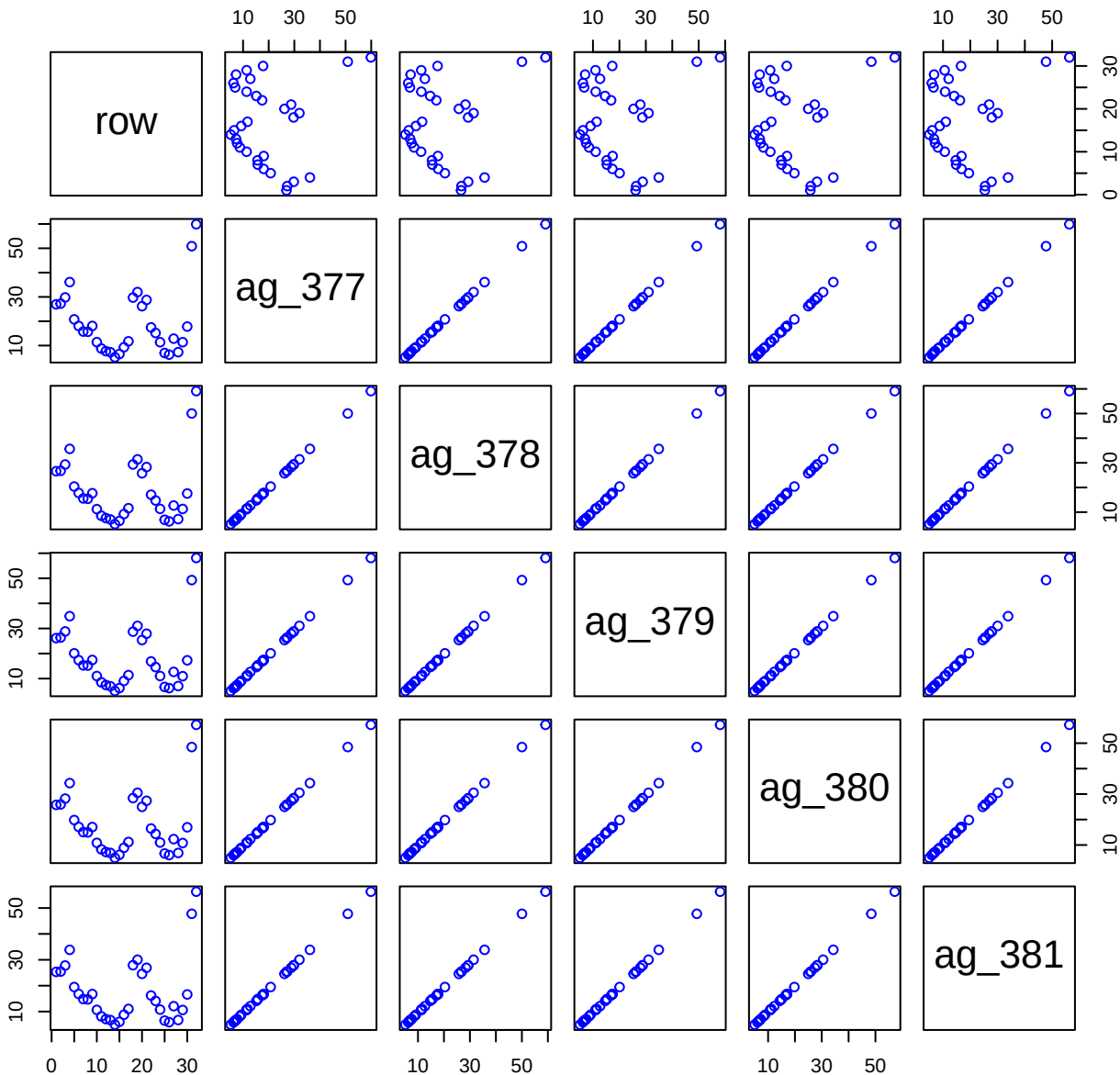
HF459-08 Plot 31



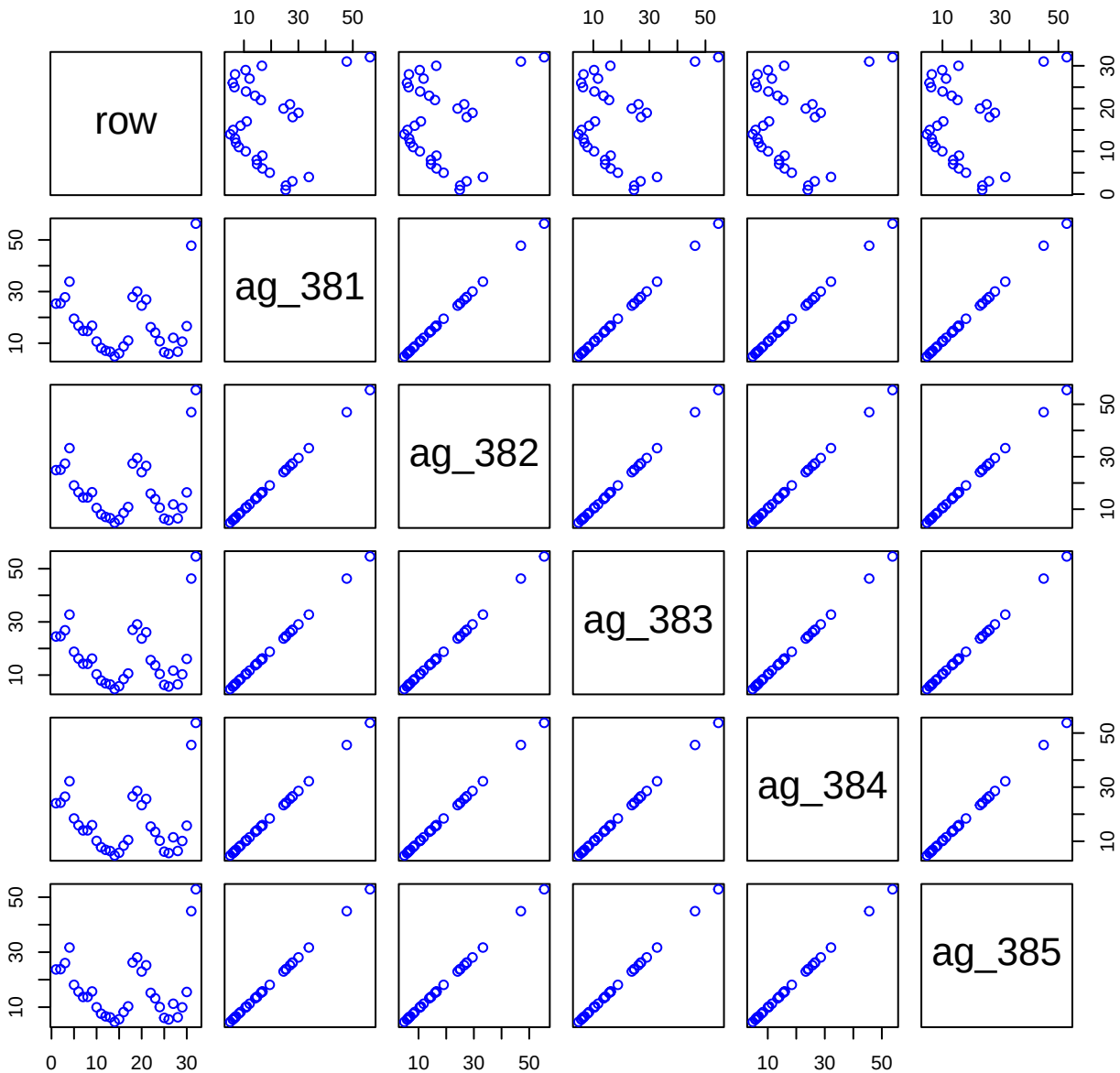
HF459-08 Plot 32



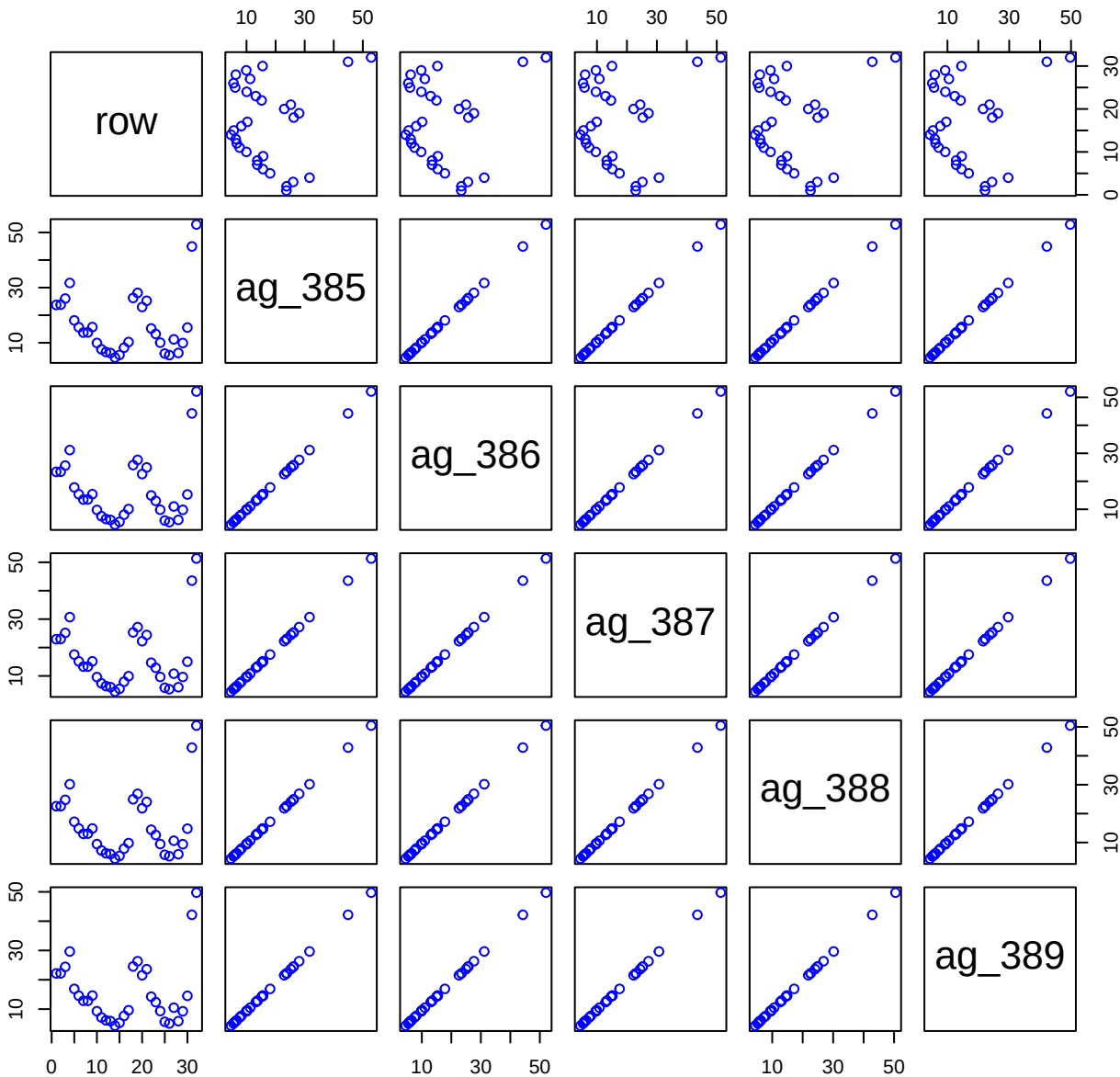
HF459-08 Plot 33



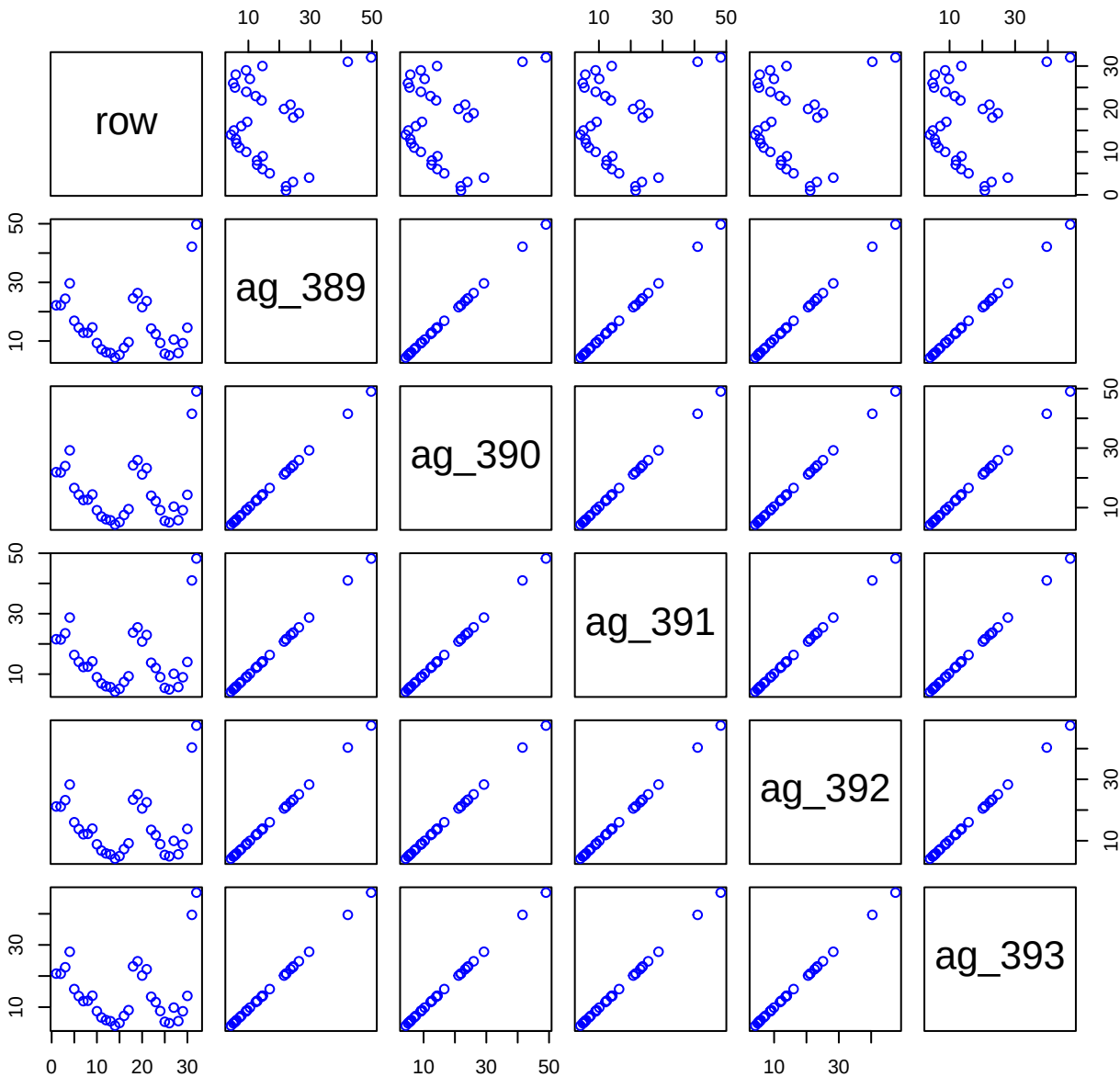
HF459-08 Plot 34



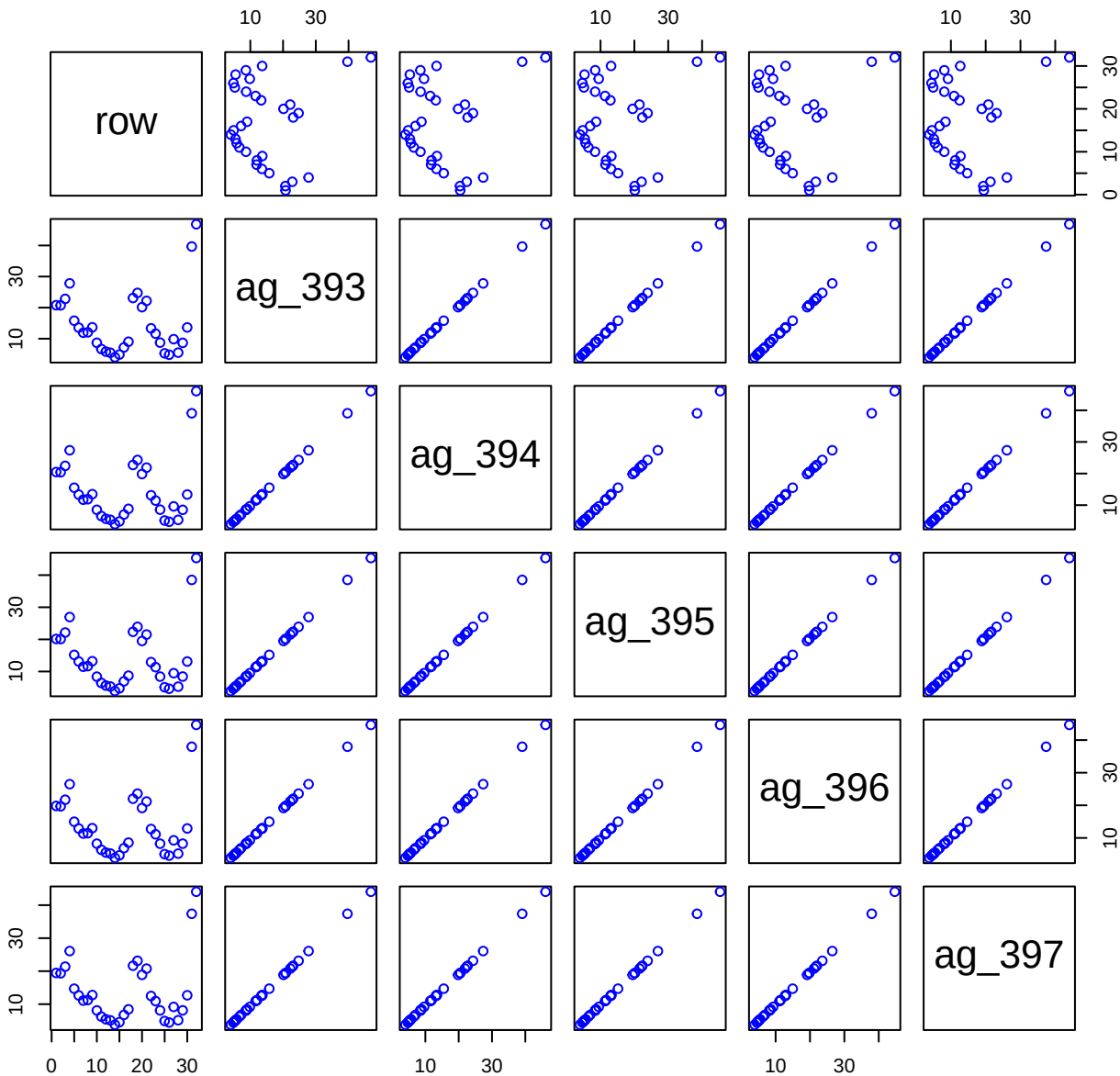
HF459-08 Plot 35



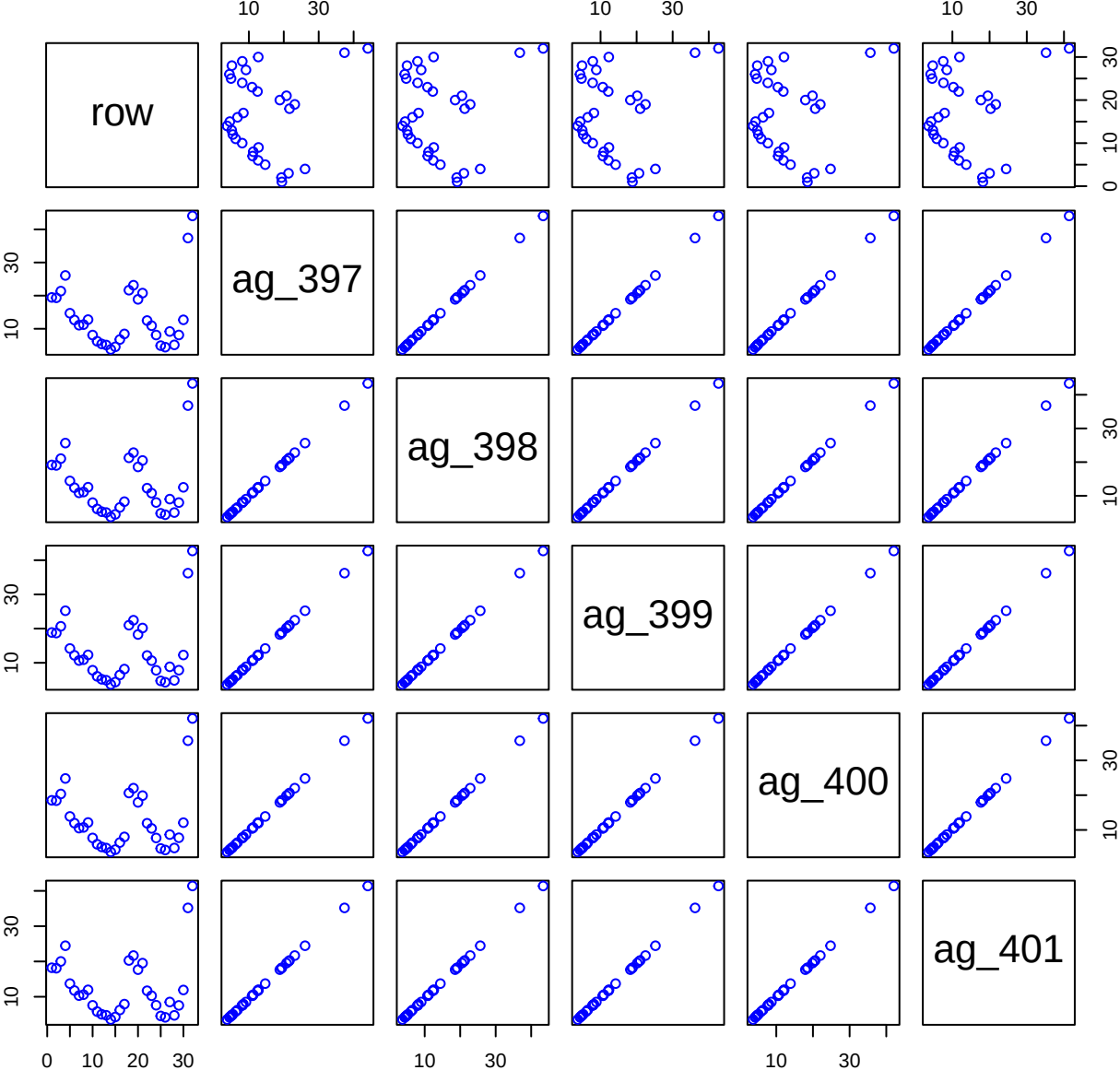
HF459-08 Plot 36



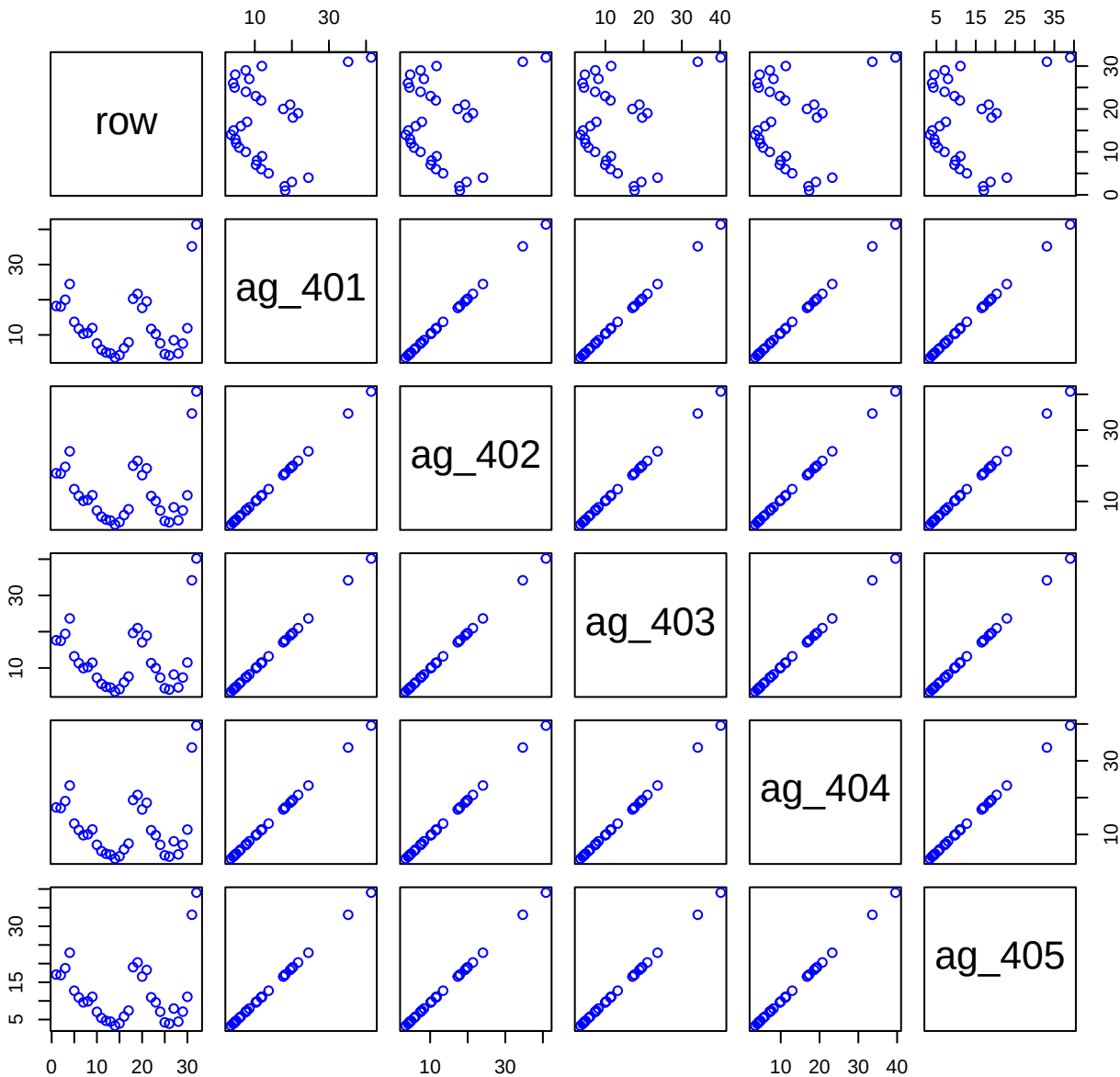
HF459-08 Plot 37



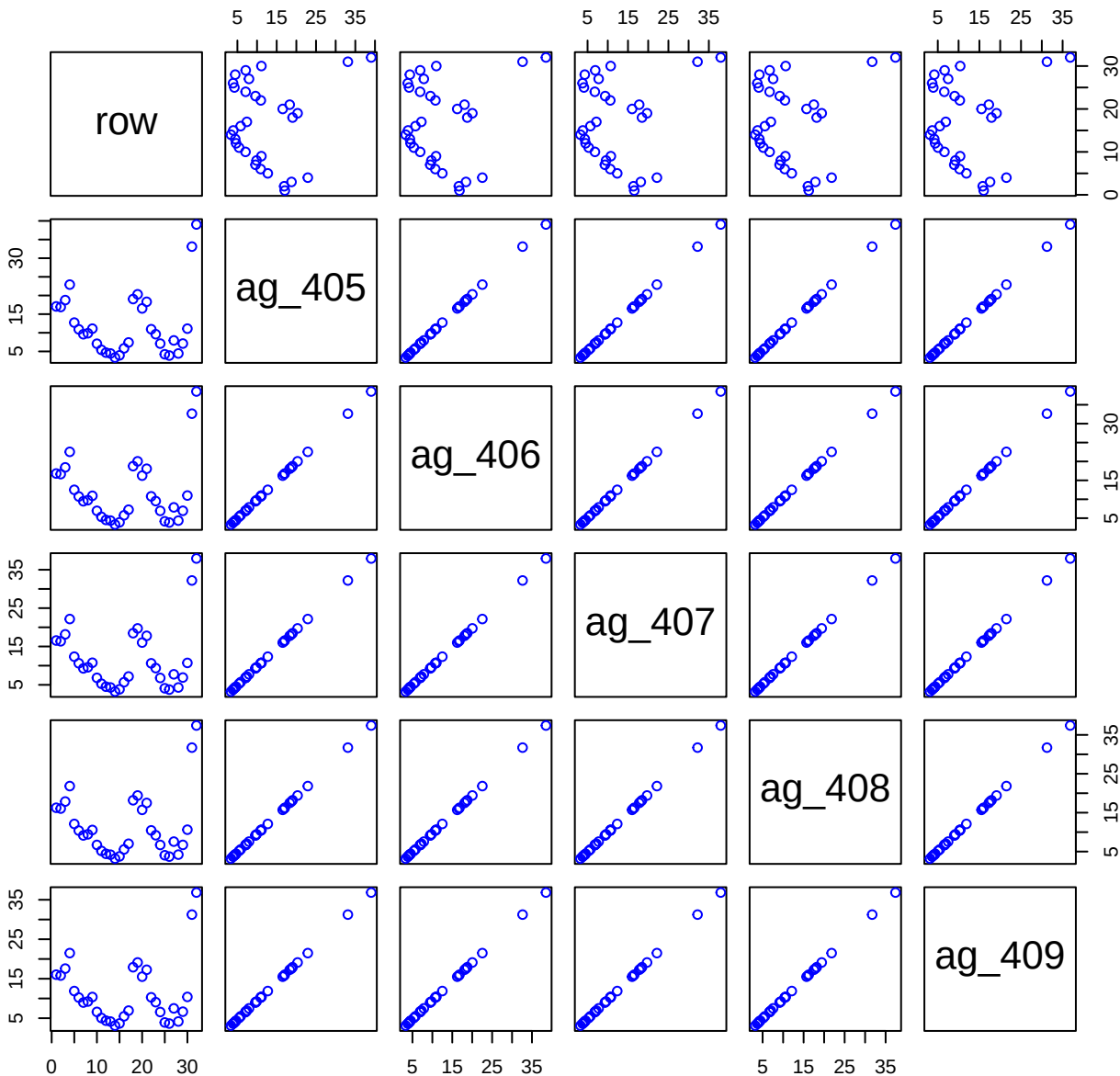
HF459-08 Plot 38



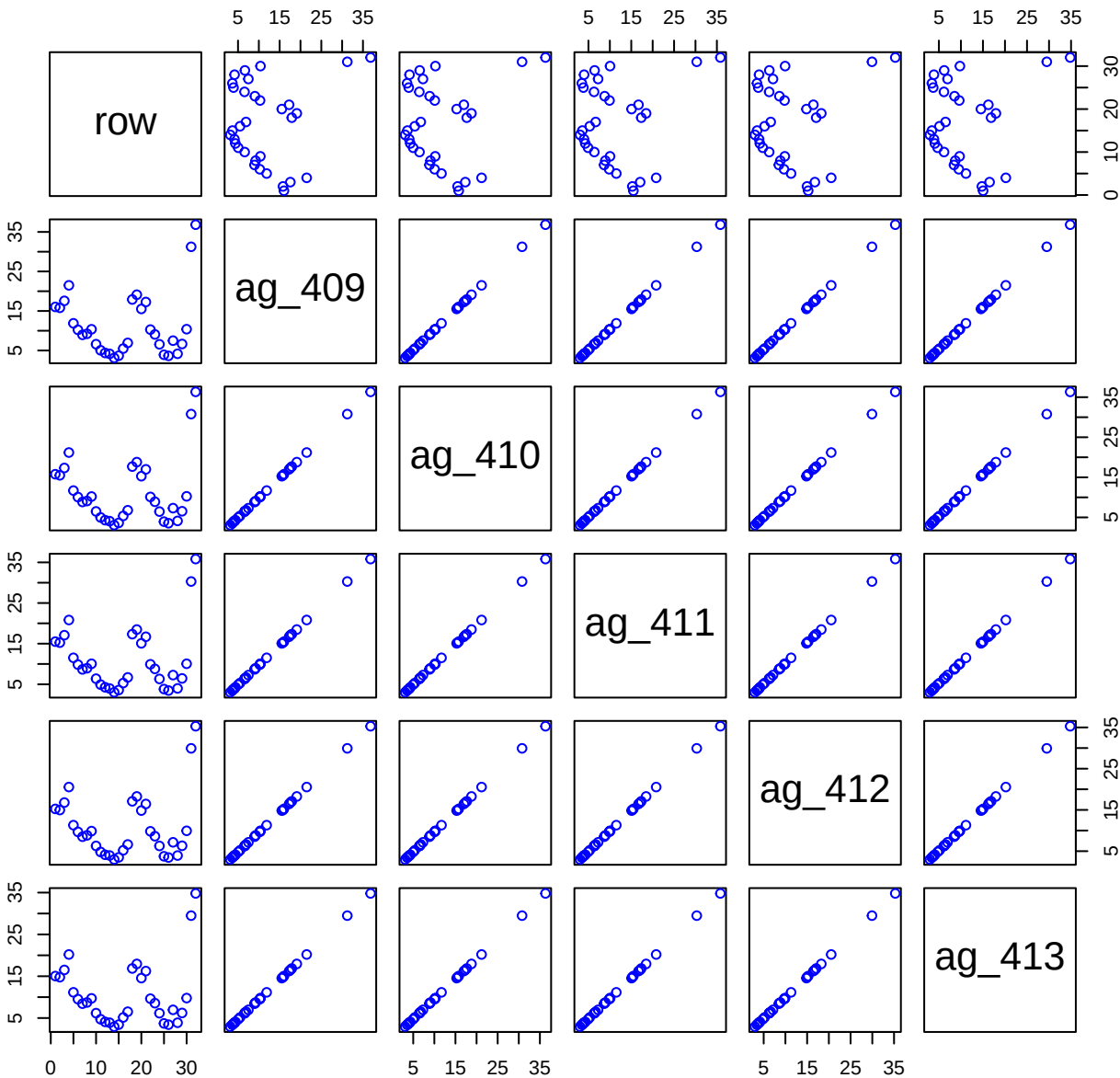
HF459-08 Plot 39



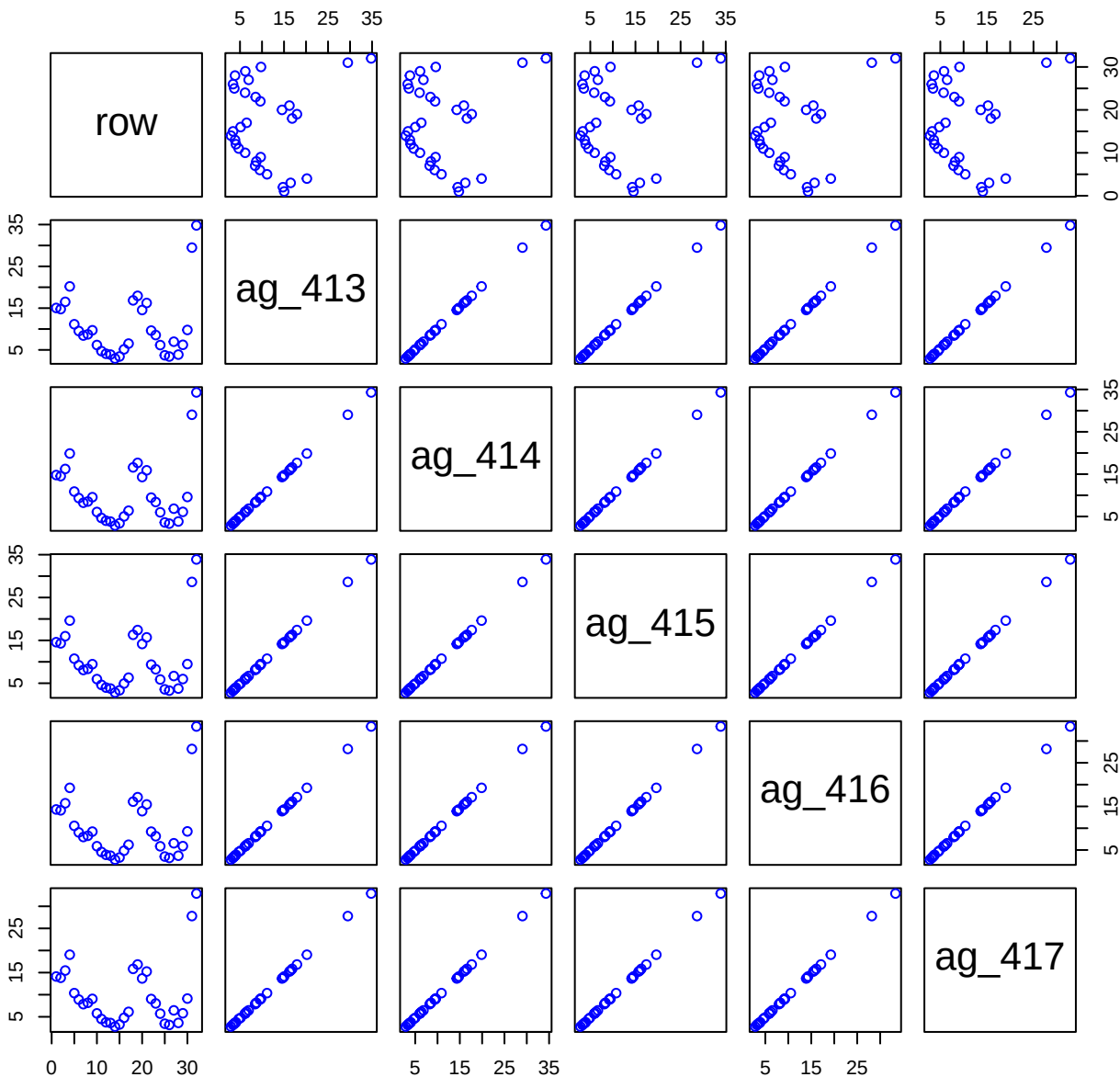
HF459-08 Plot 40



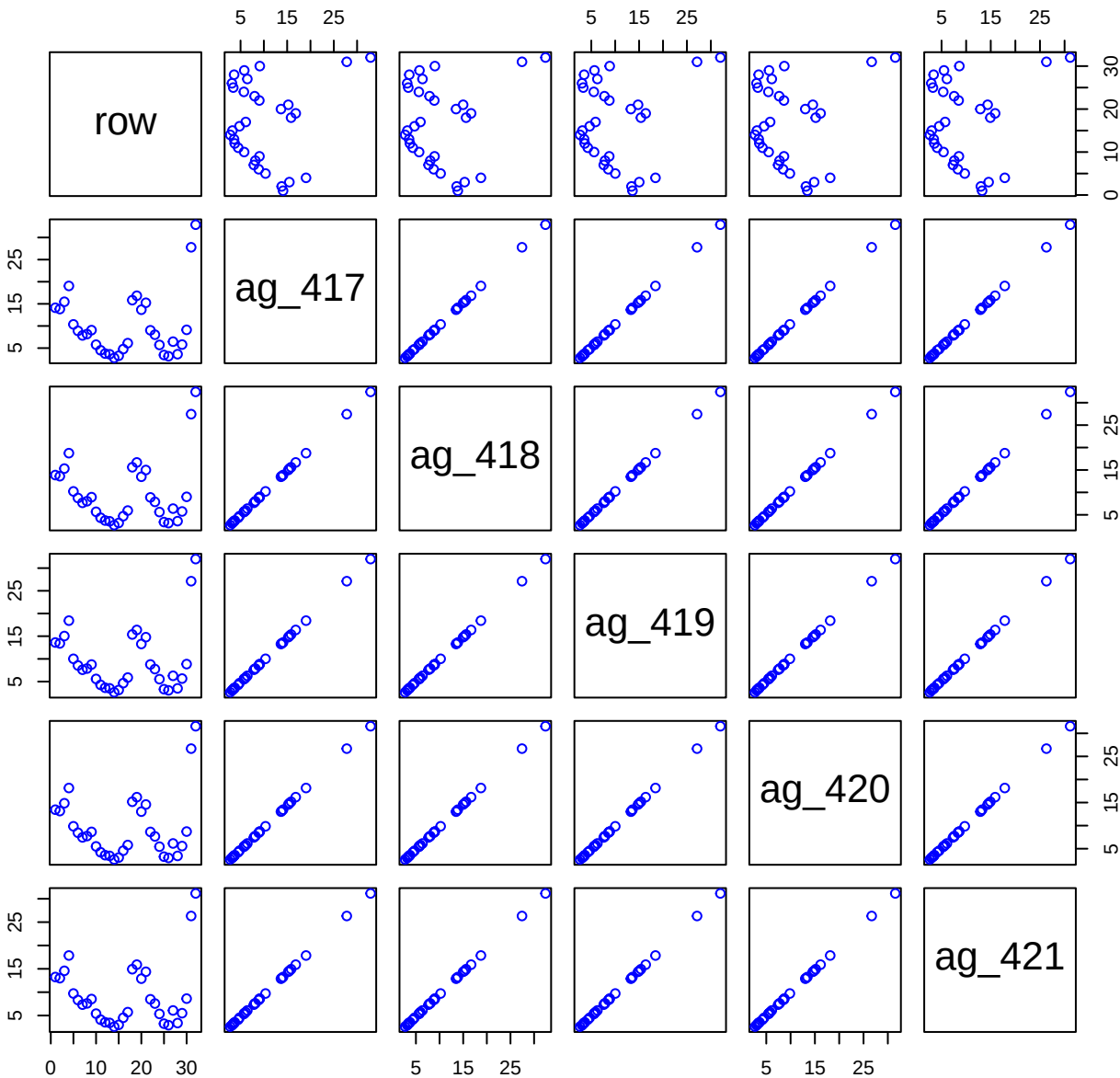
HF459-08 Plot 41



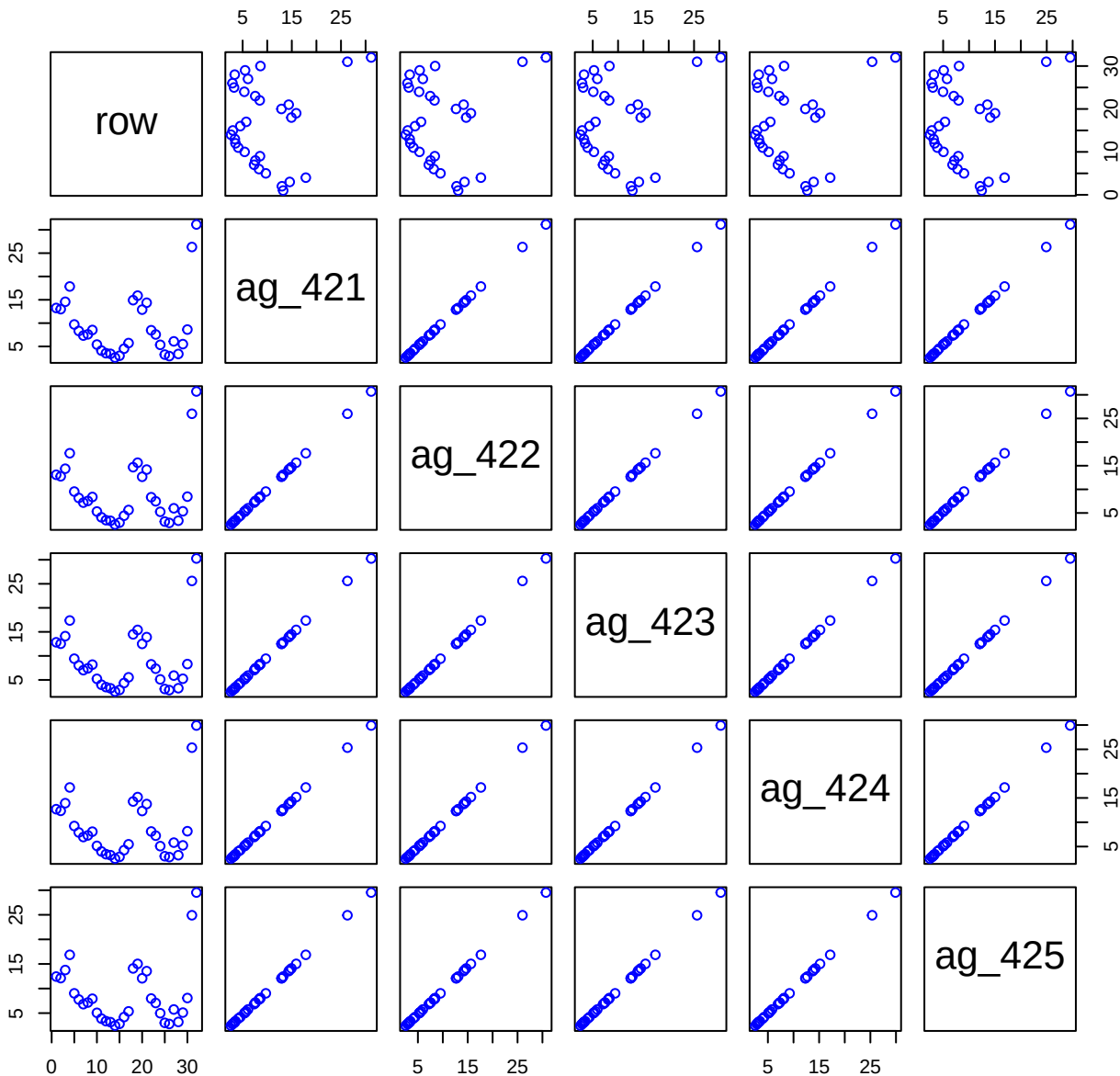
HF459-08 Plot 42



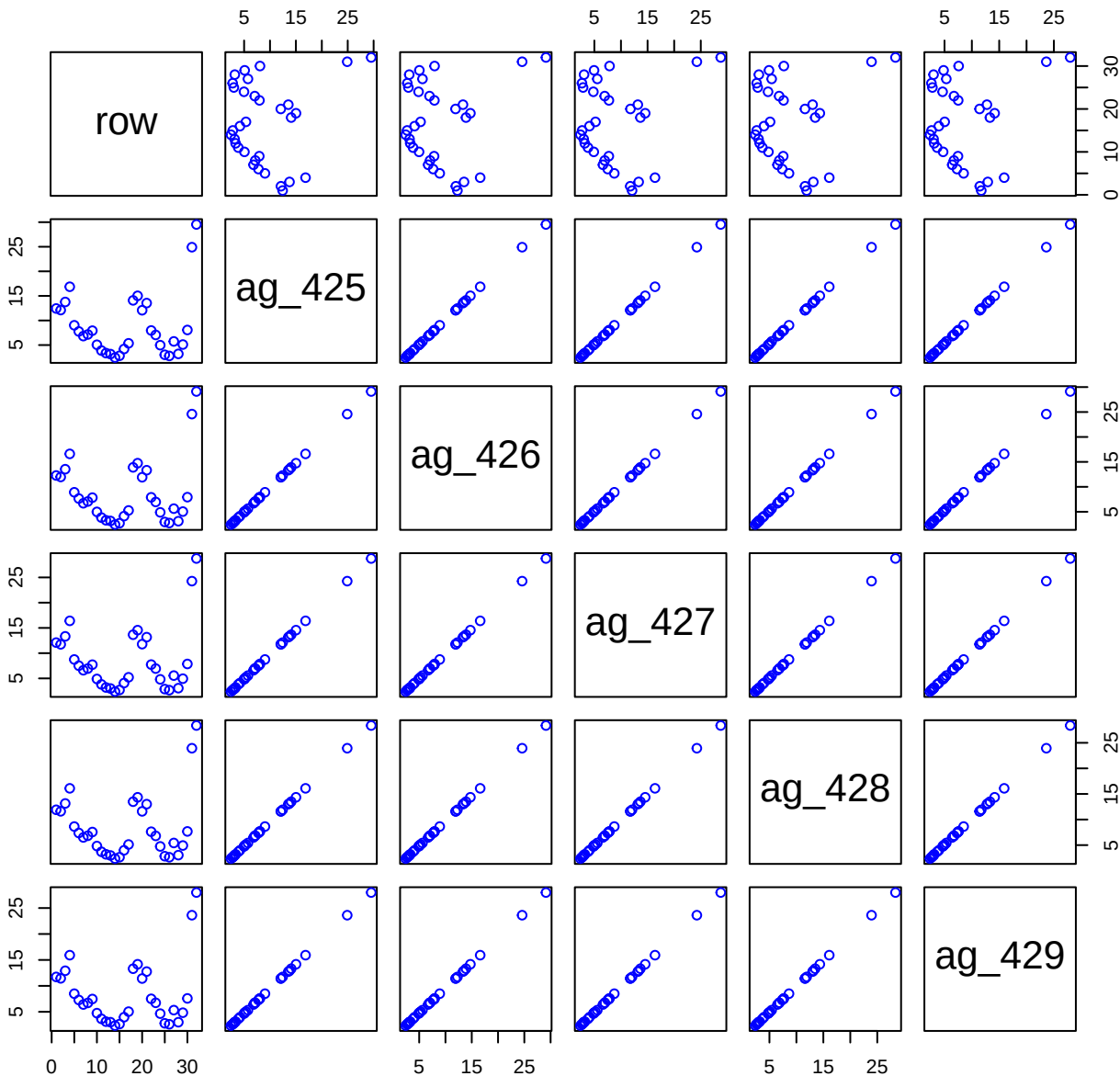
HF459-08 Plot 43



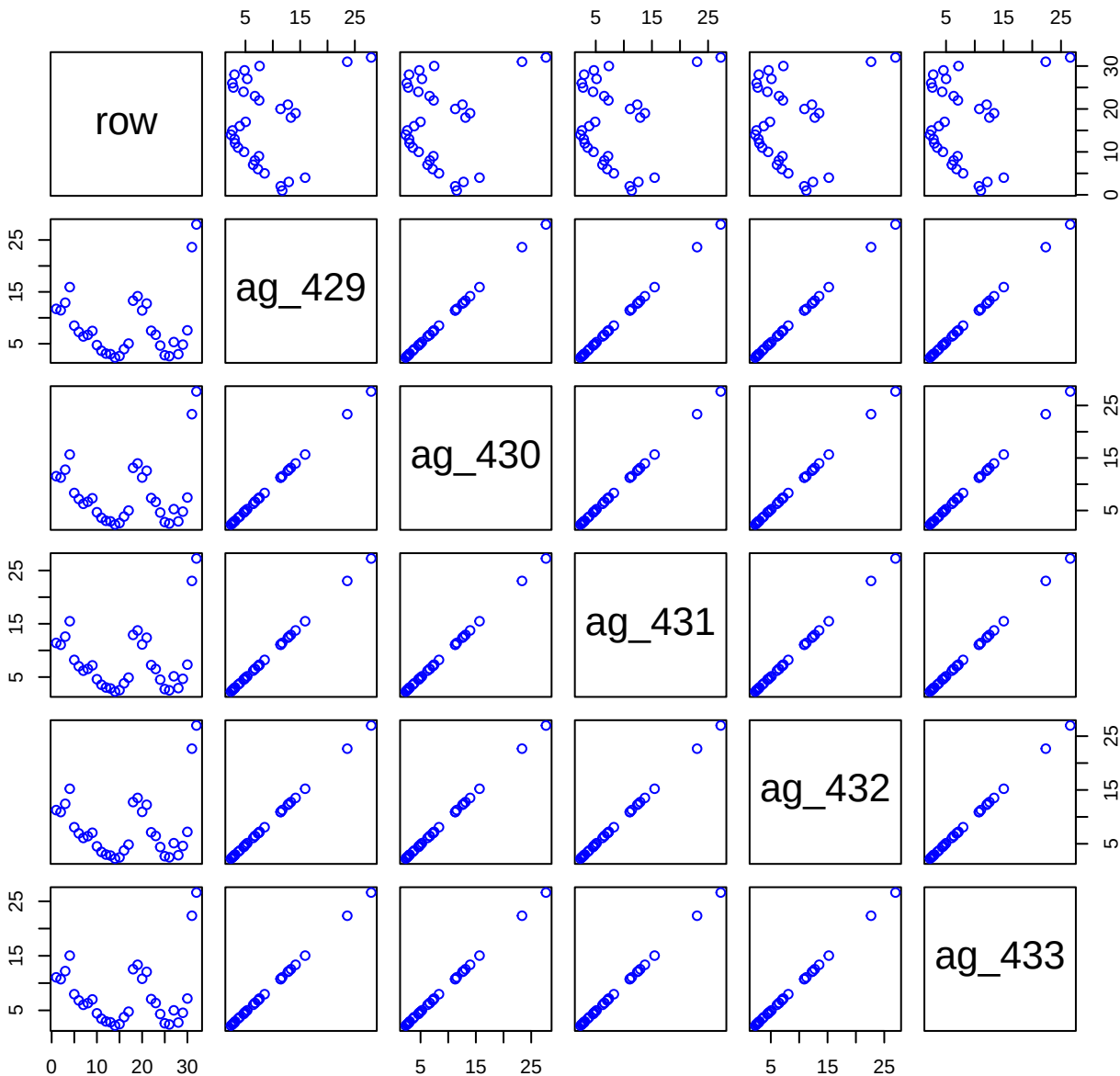
HF459-08 Plot 44



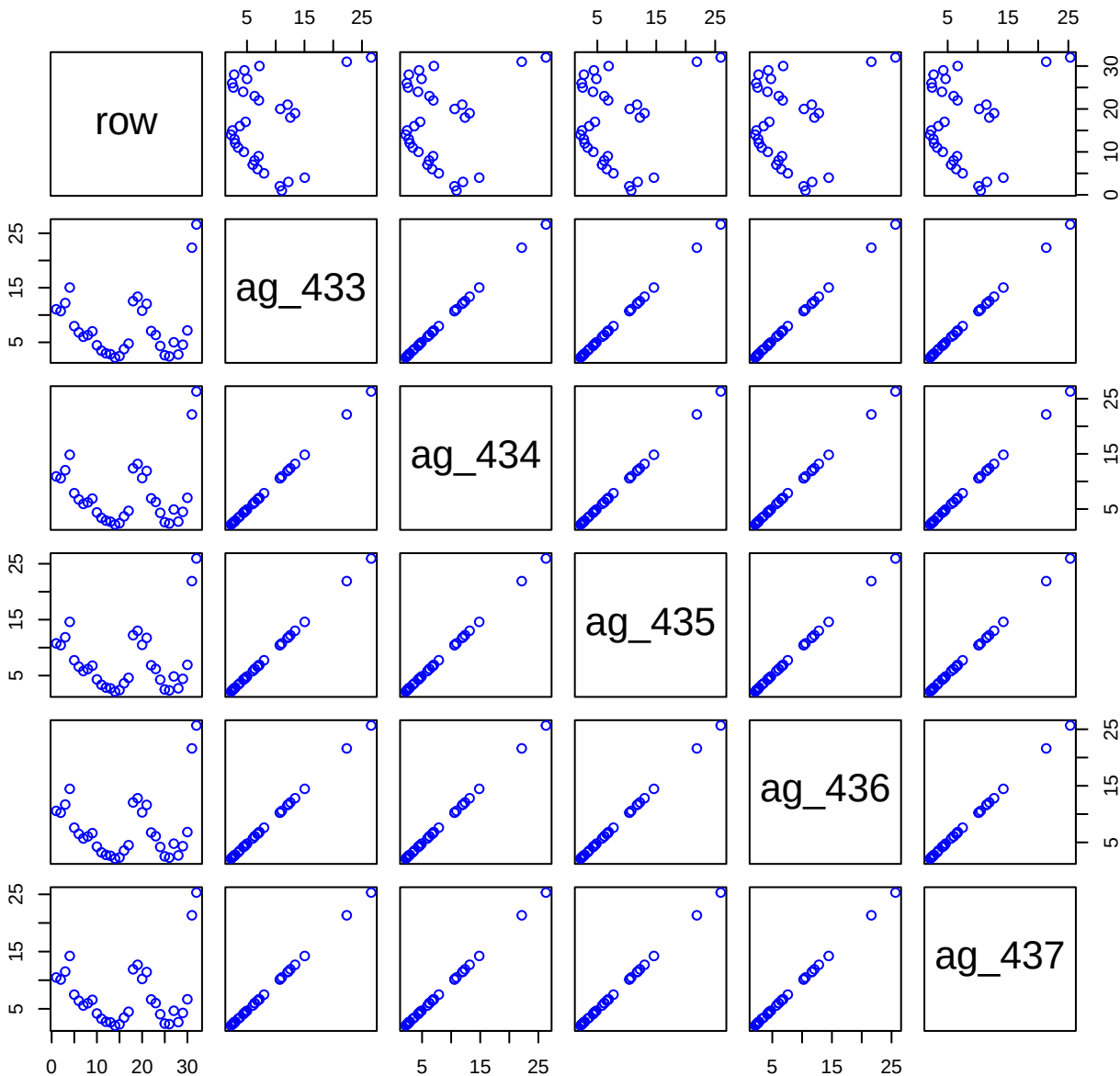
HF459-08 Plot 45



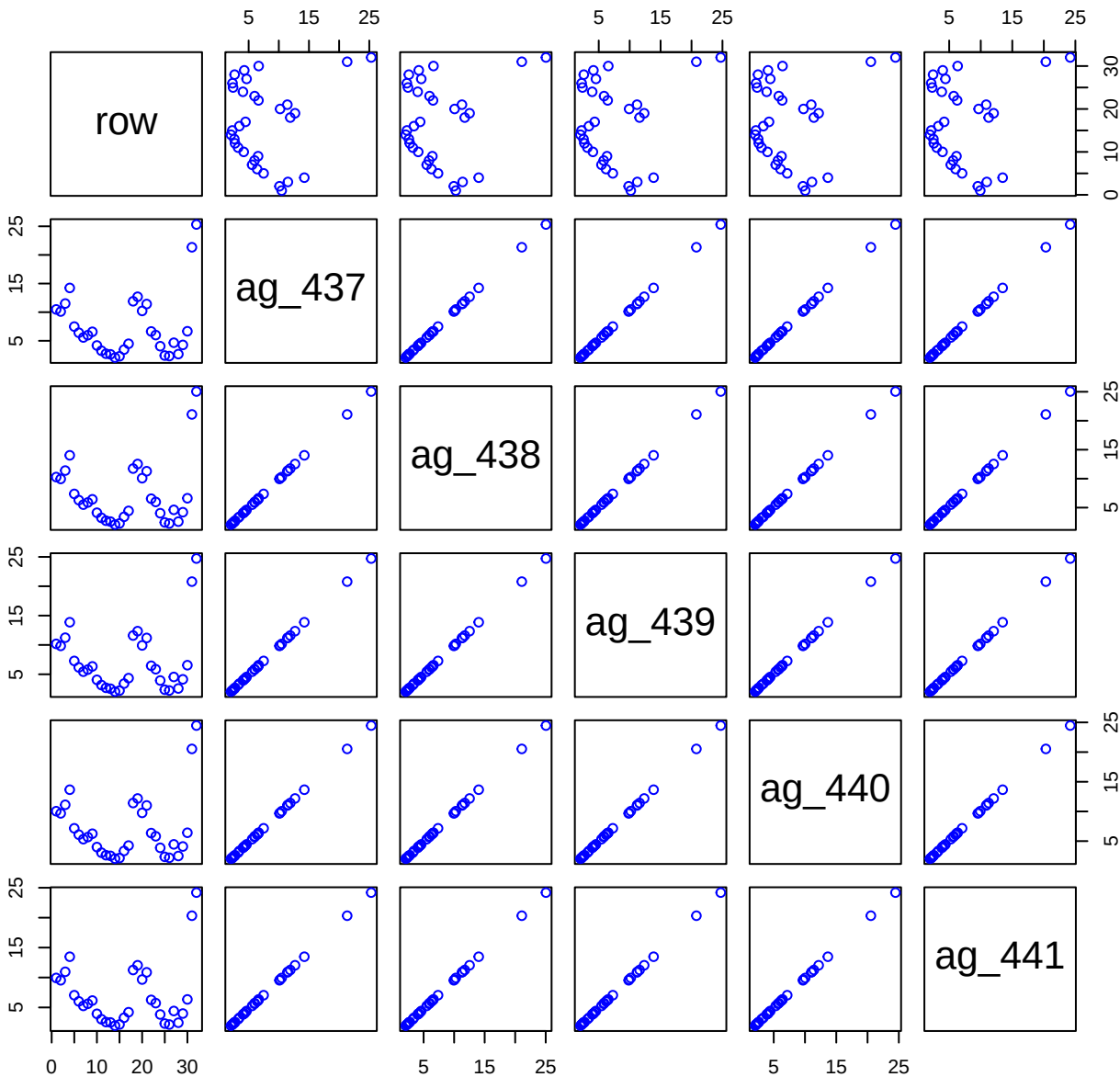
HF459-08 Plot 46



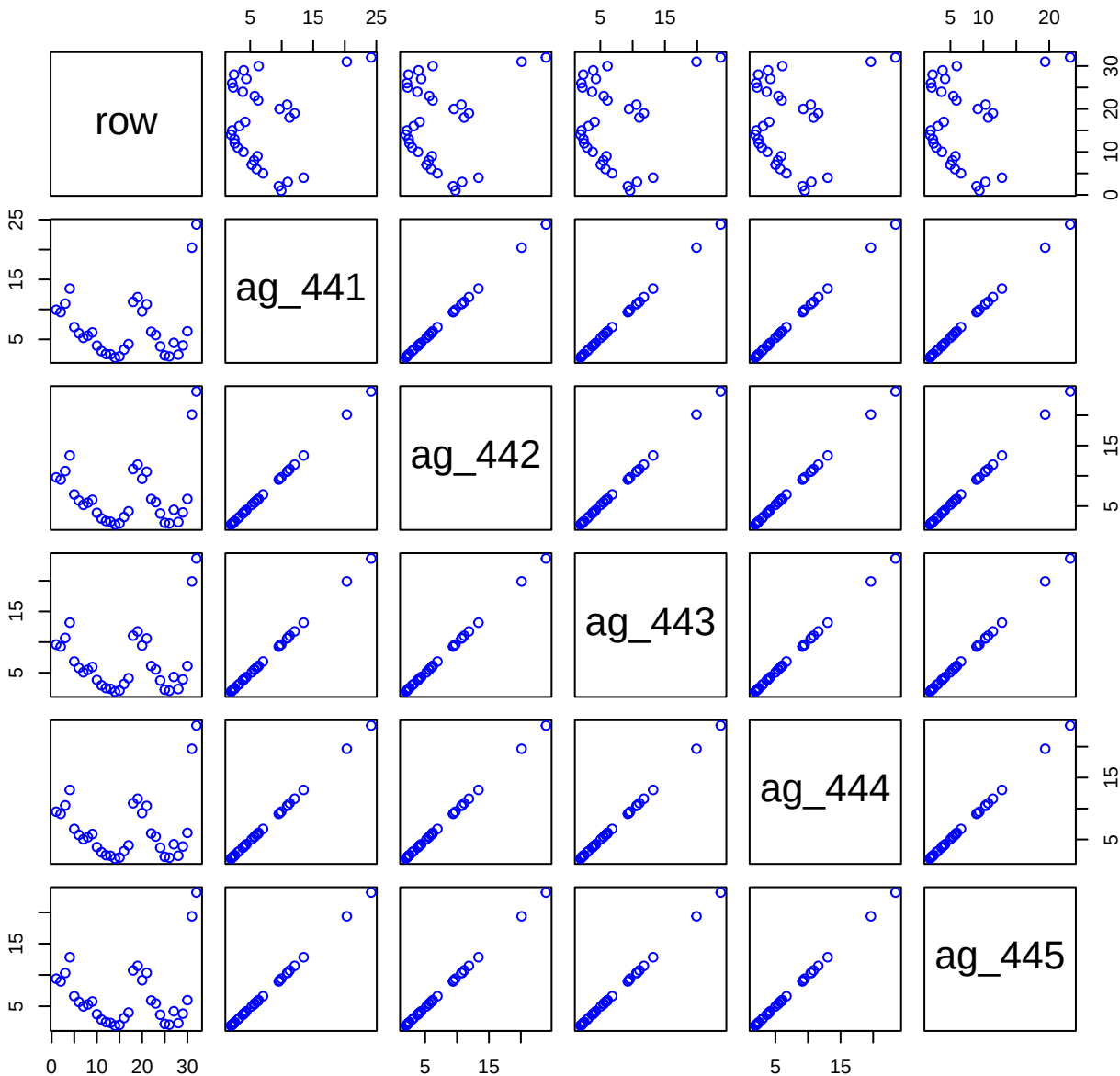
HF459-08 Plot 47



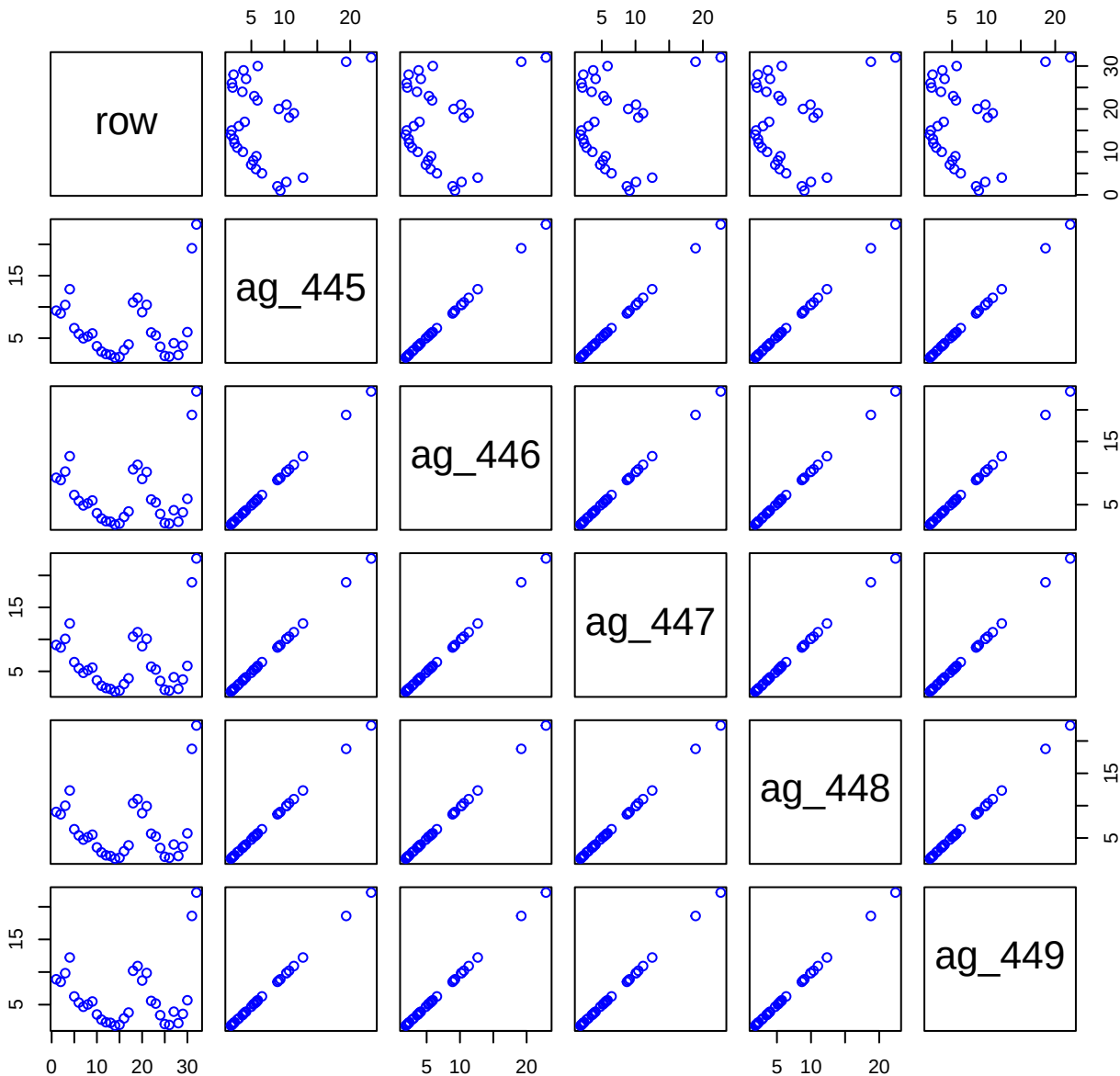
HF459-08 Plot 48



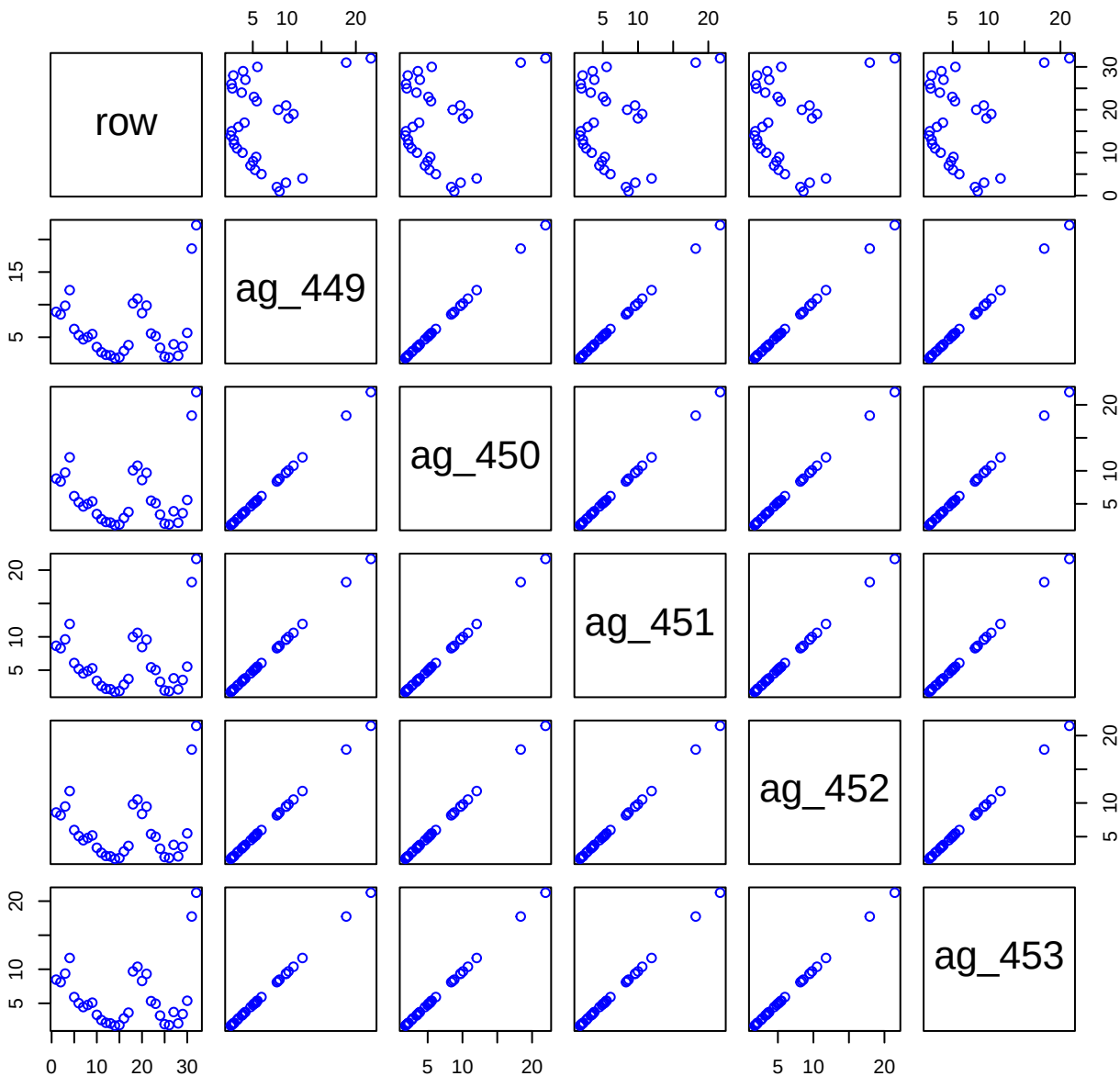
HF459-08 Plot 49



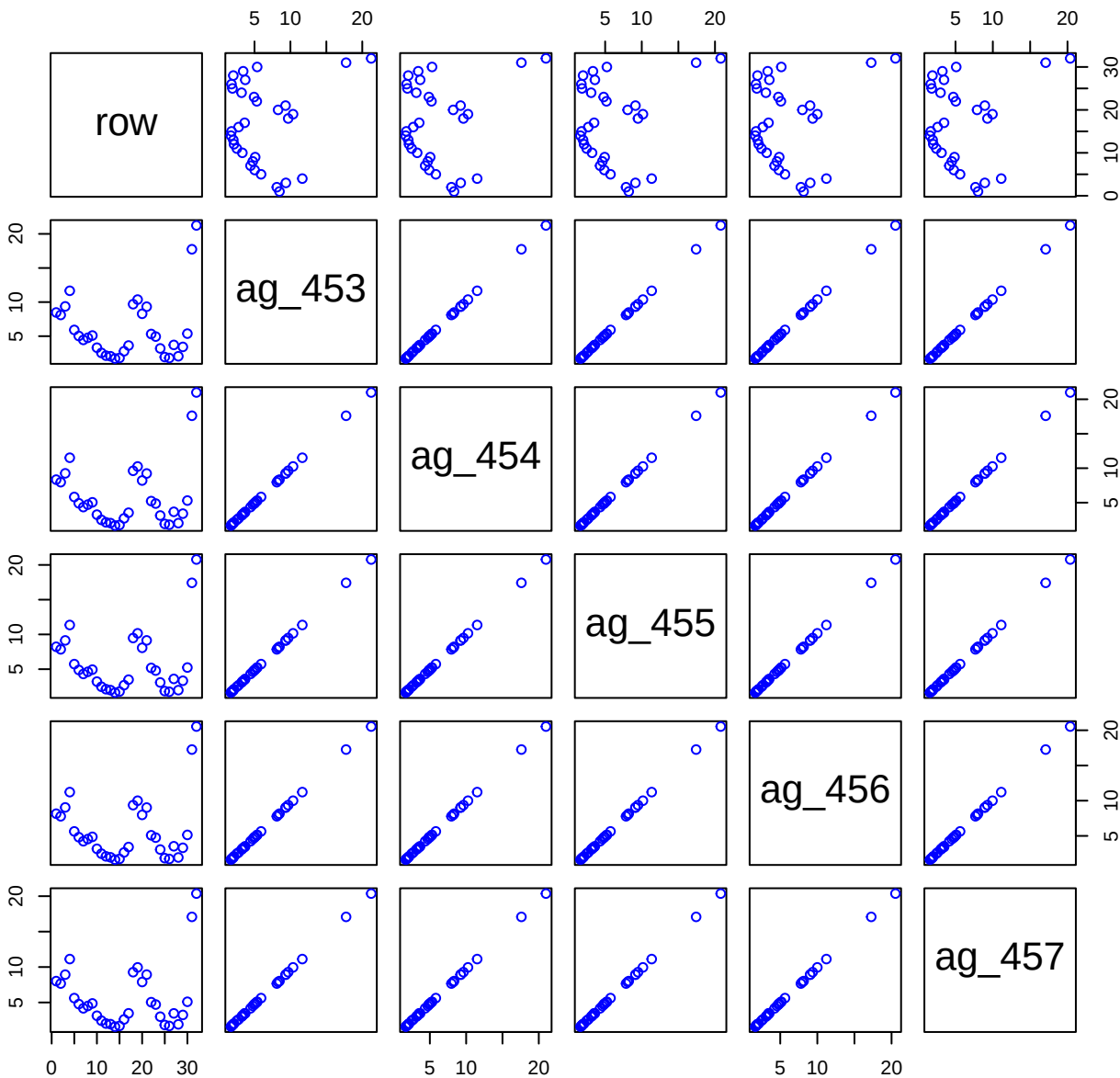
HF459-08 Plot 50



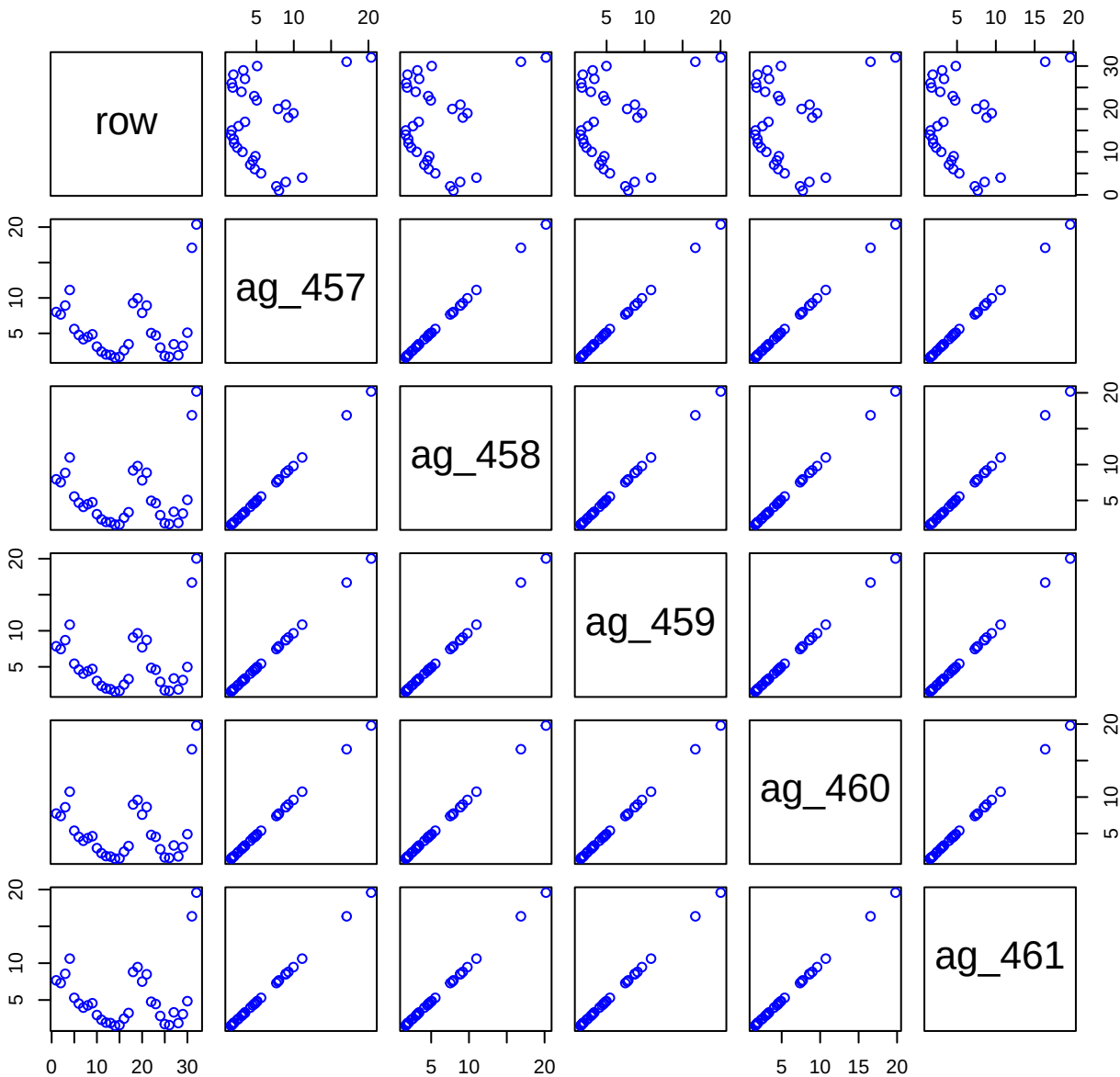
HF459-08 Plot 51



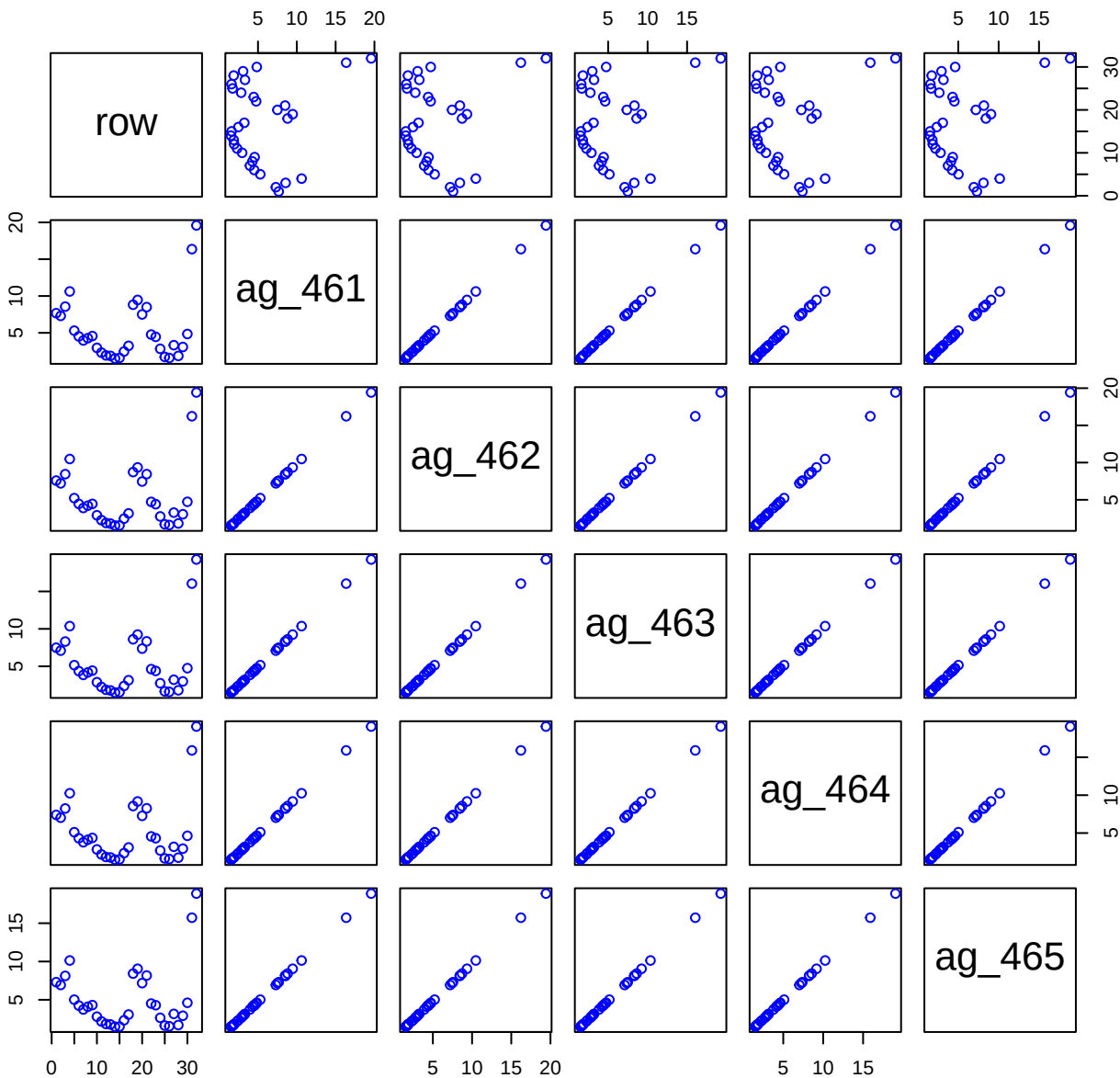
HF459-08 Plot 52



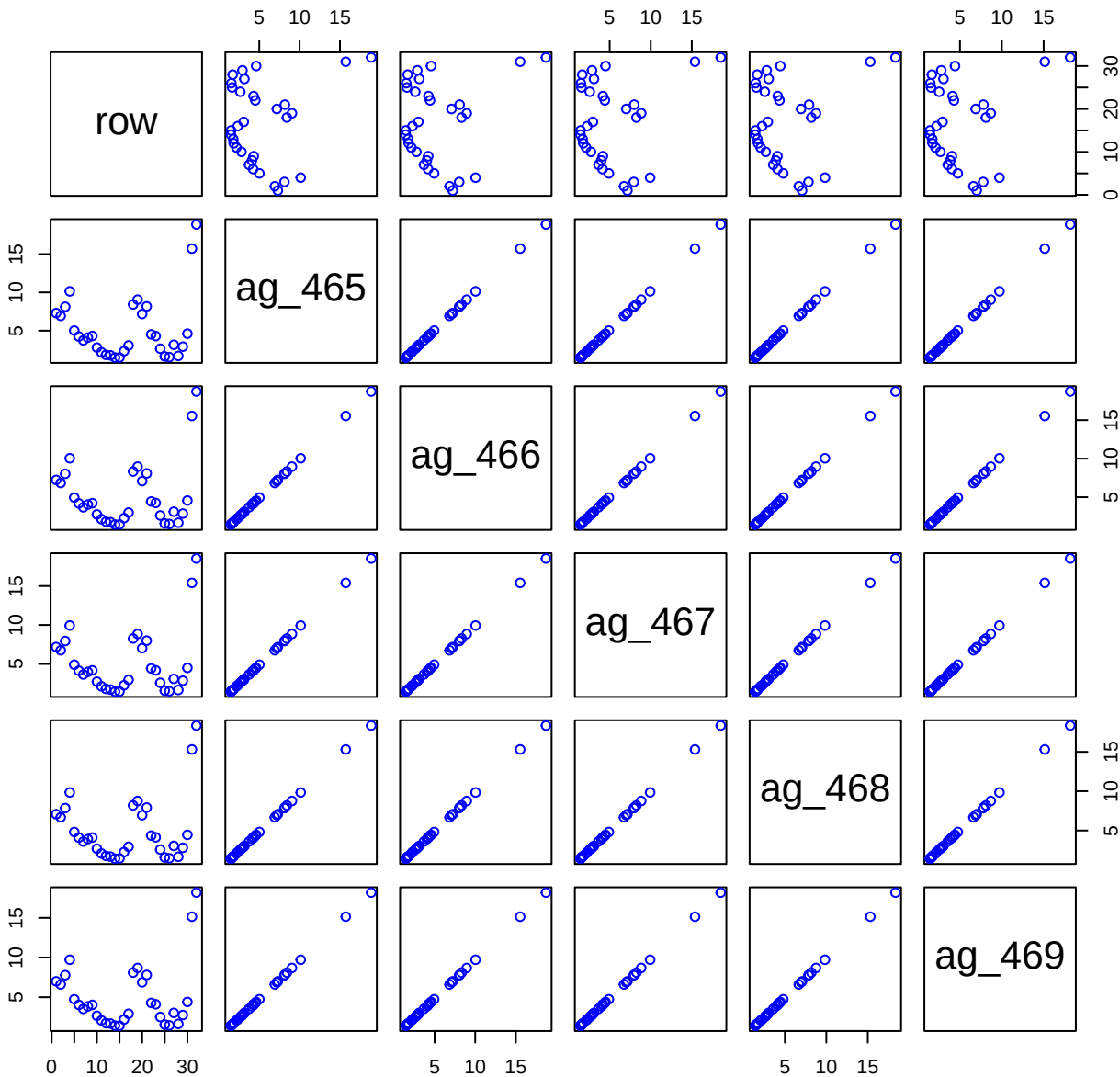
HF459-08 Plot 53



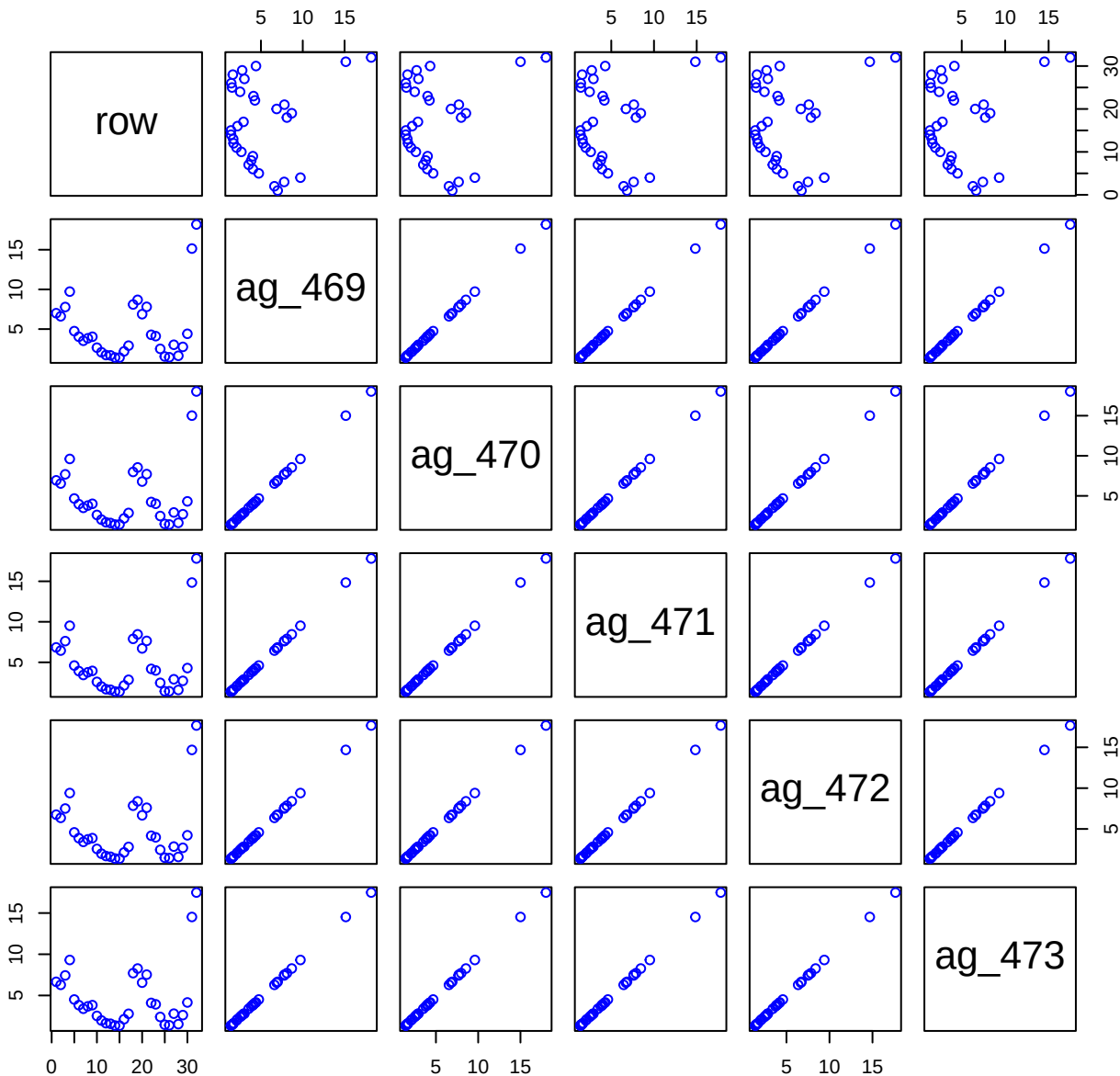
HF459-08 Plot 54



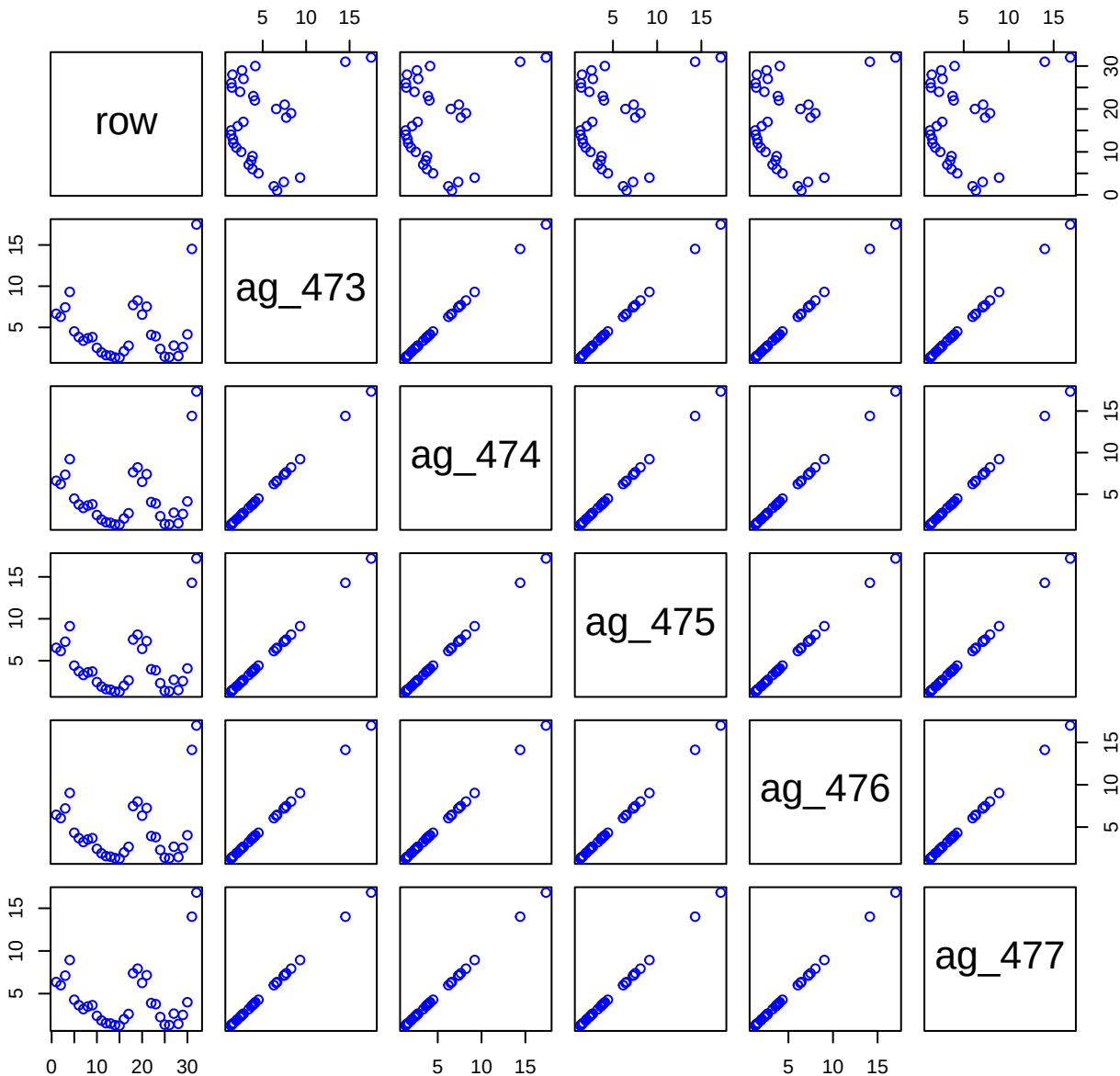
HF459-08 Plot 55



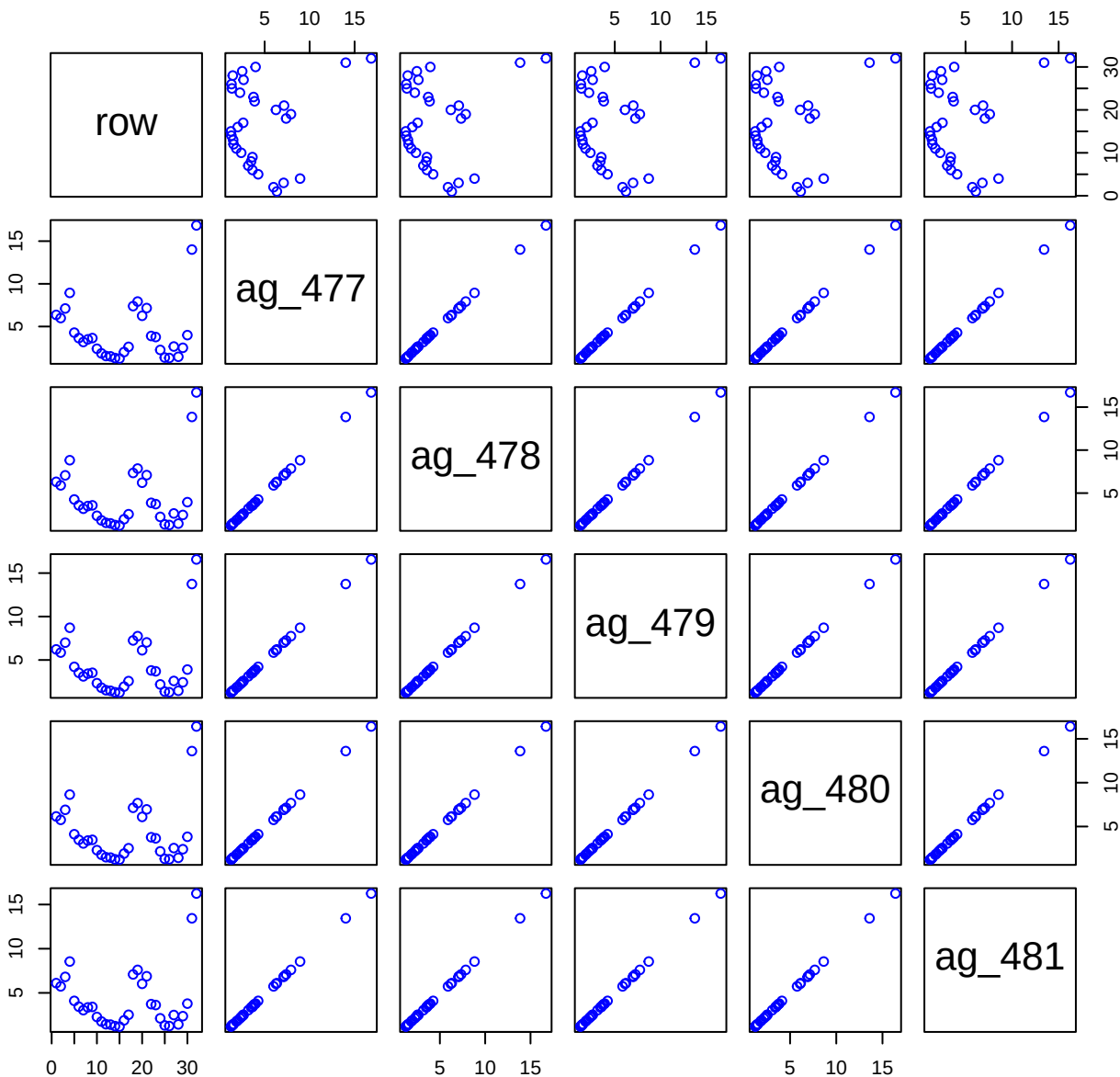
HF459-08 Plot 56



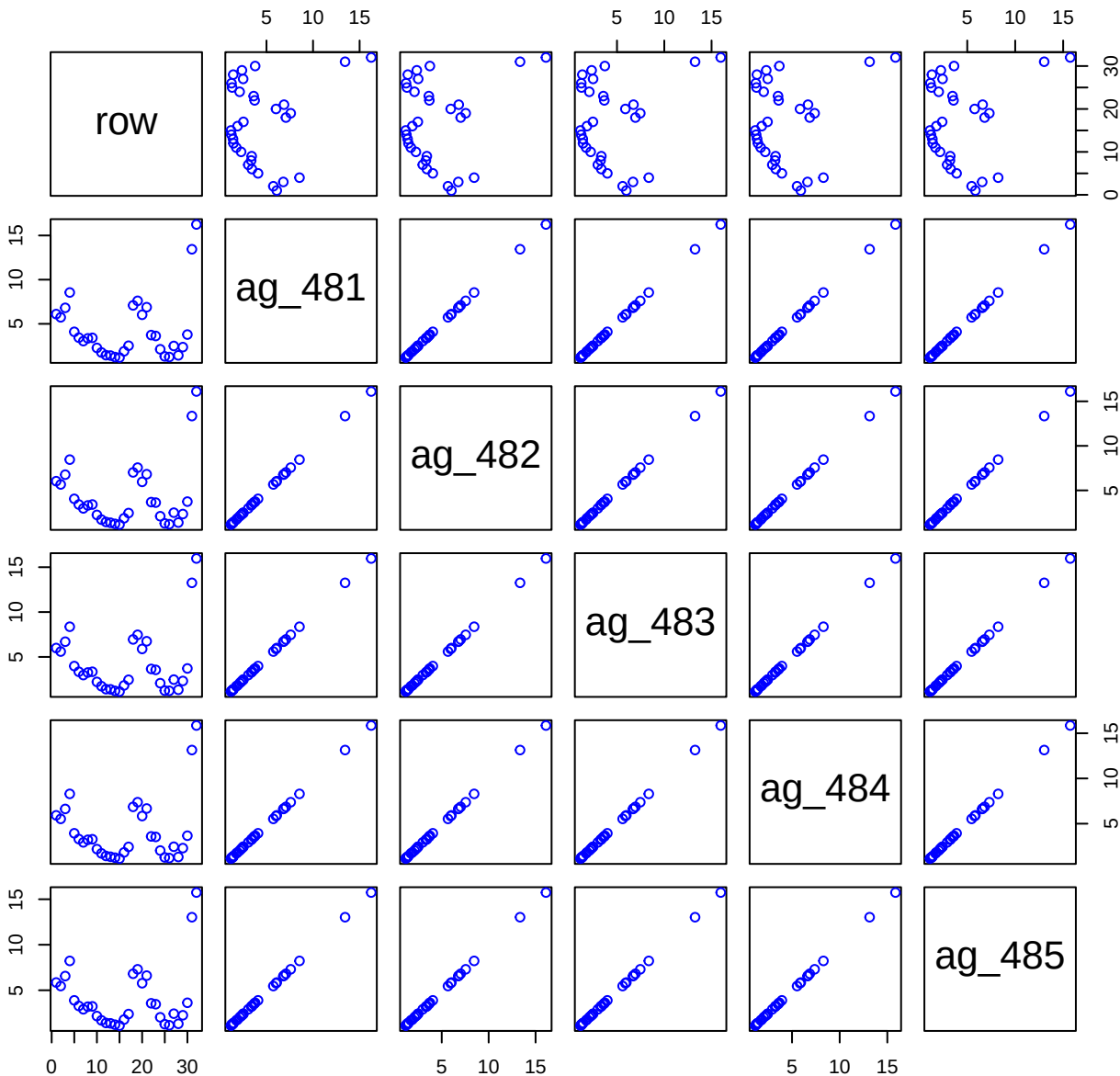
HF459-08 Plot 57



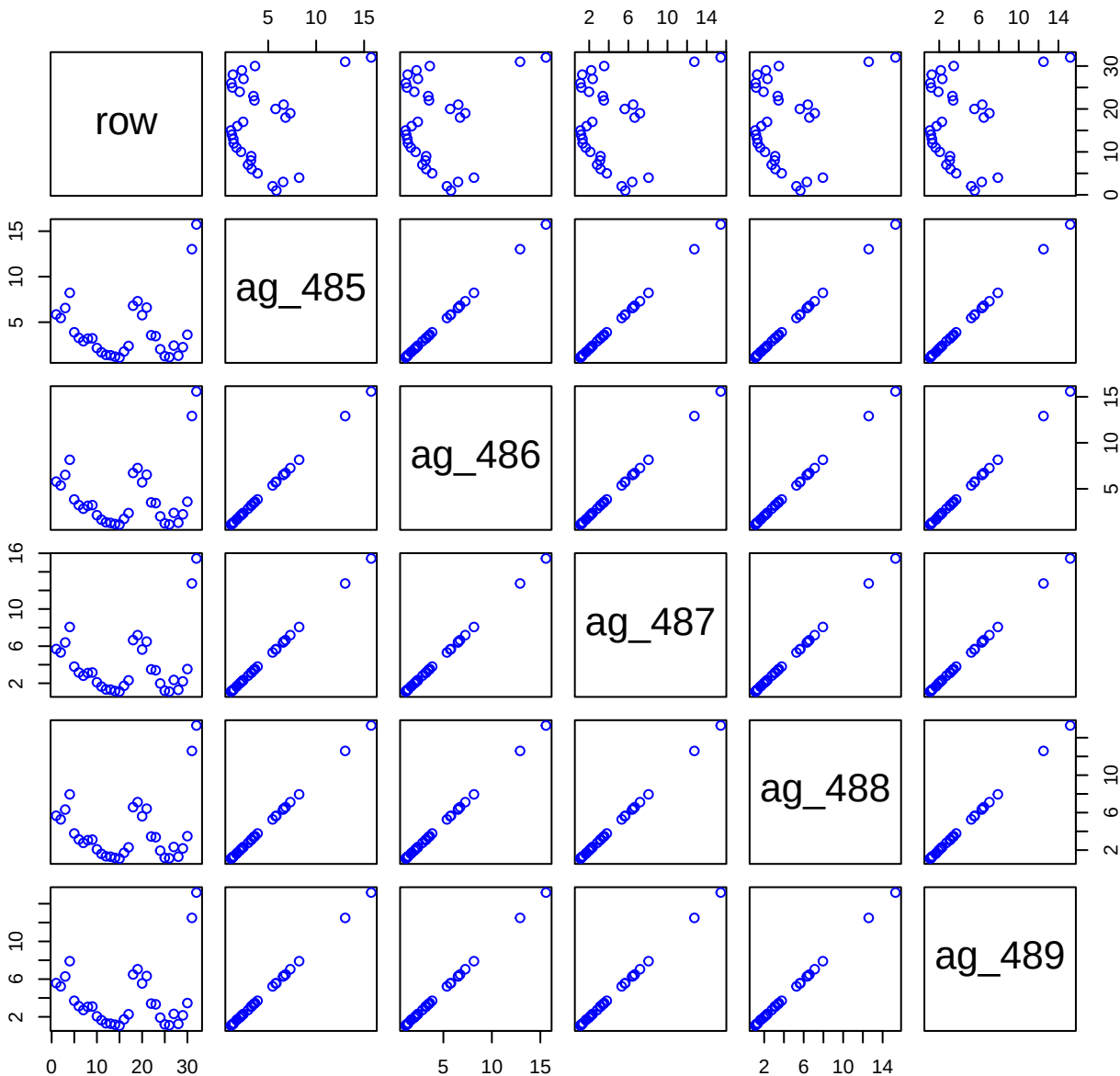
HF459-08 Plot 58



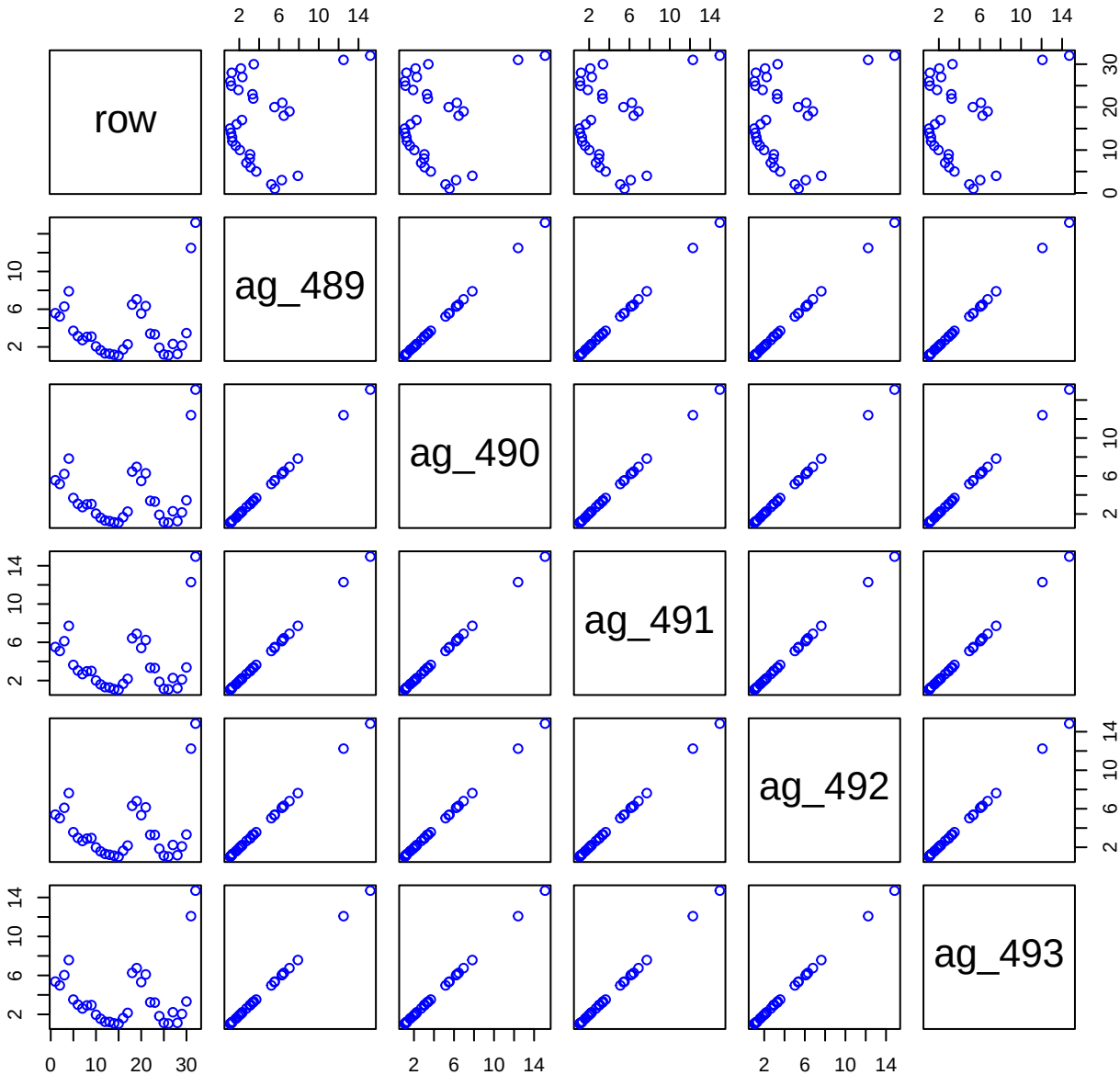
HF459-08 Plot 59



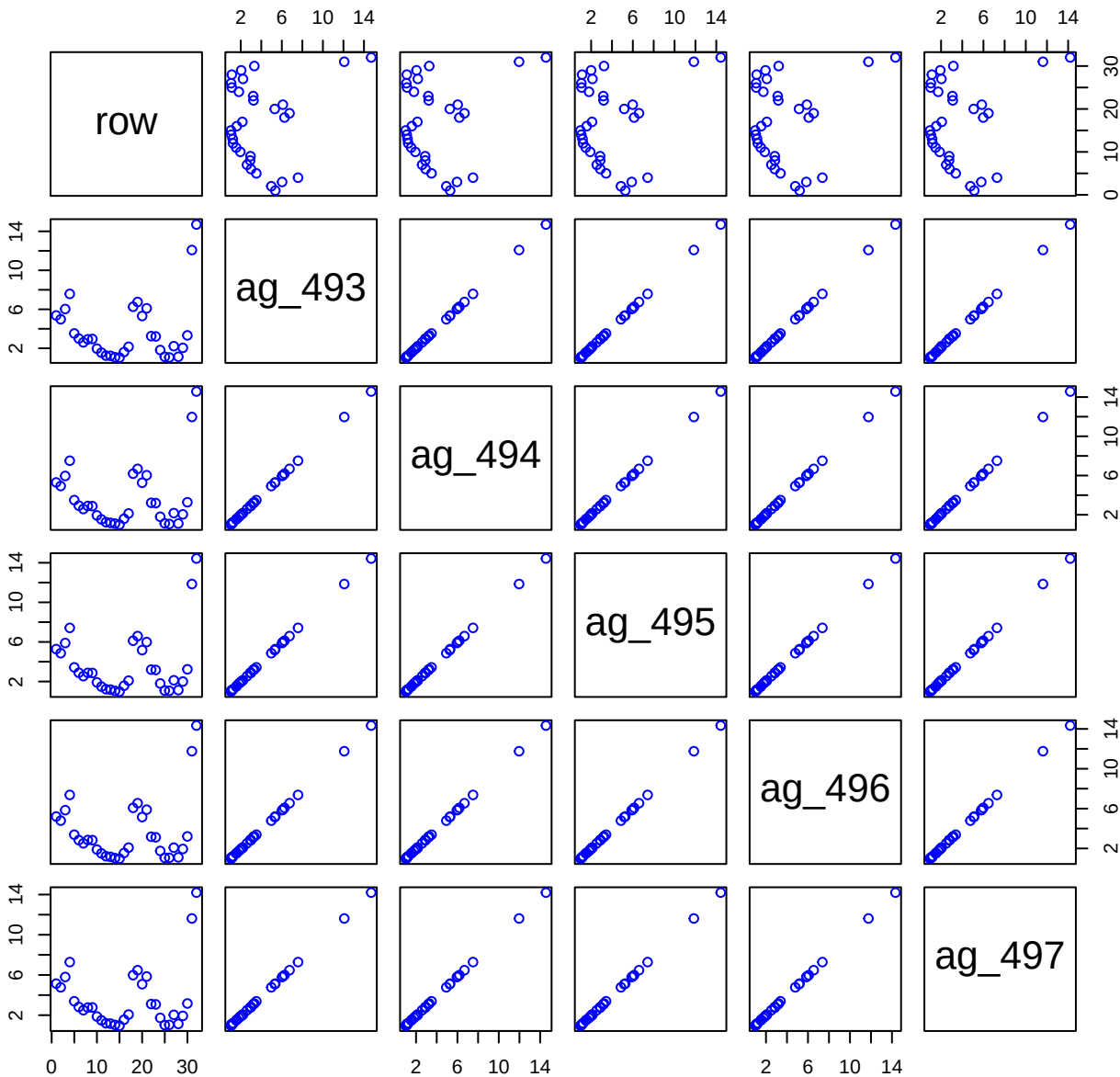
HF459-08 Plot 60



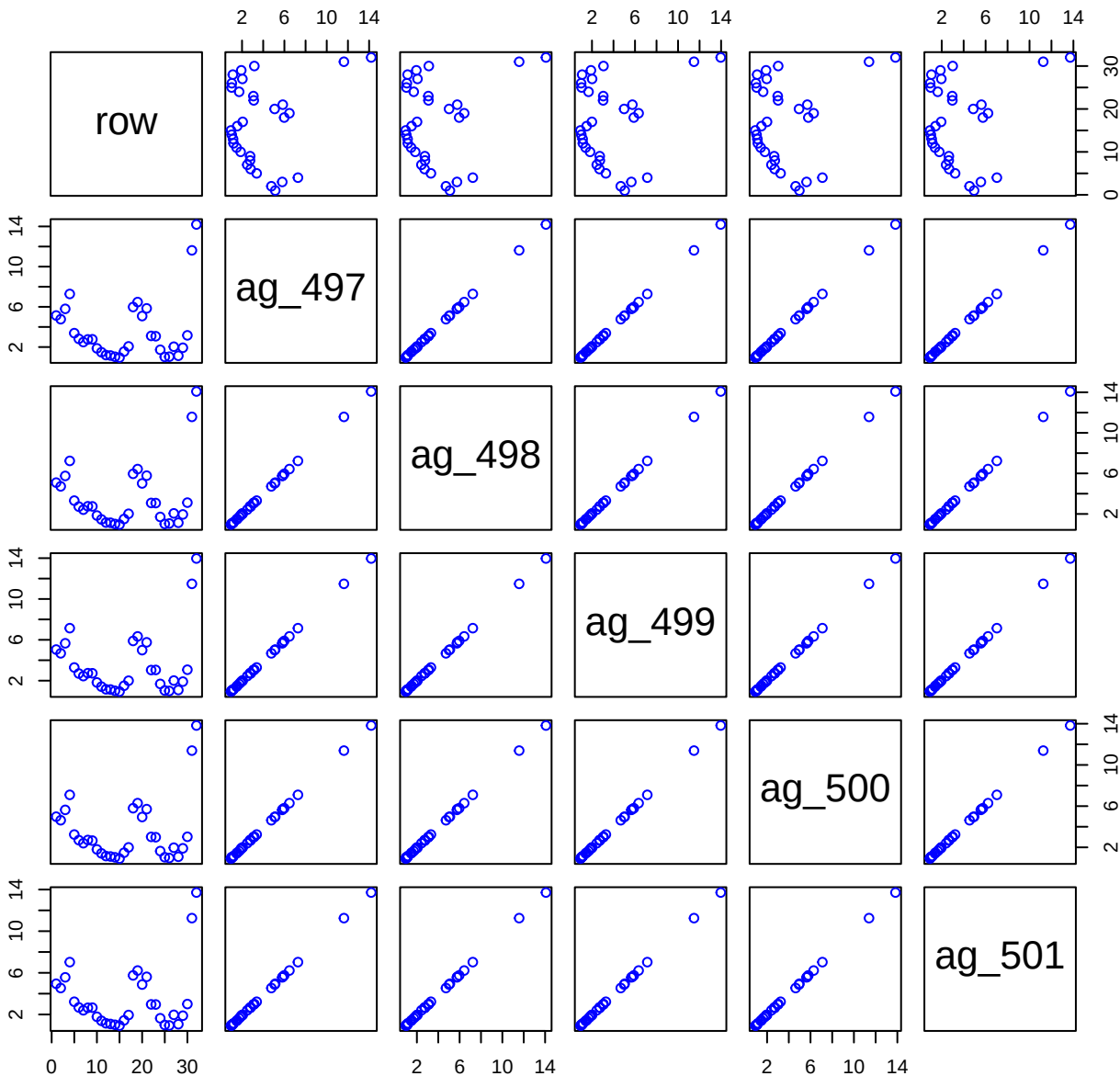
HF459-08 Plot 61



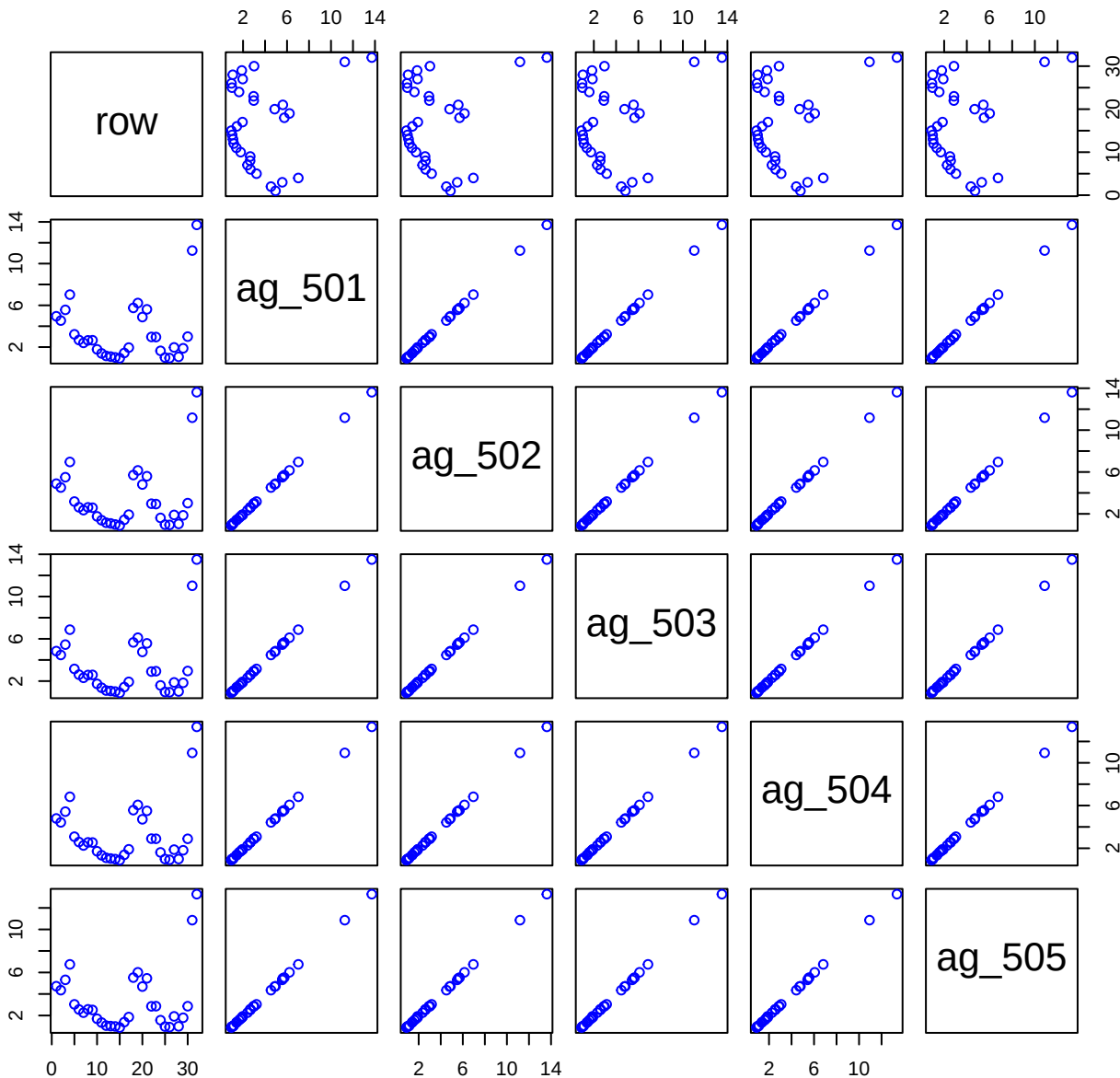
HF459-08 Plot 62



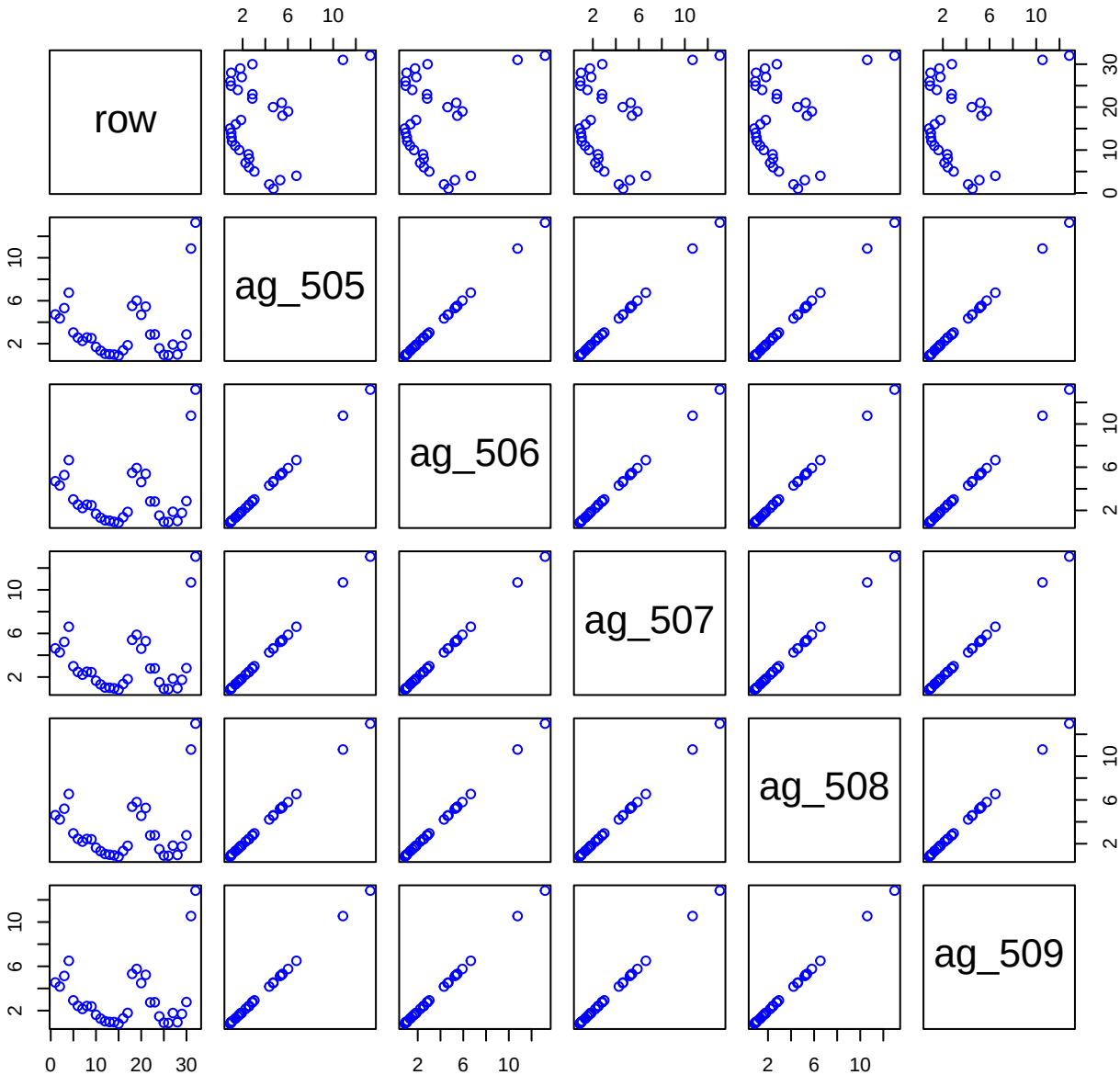
HF459-08 Plot 63



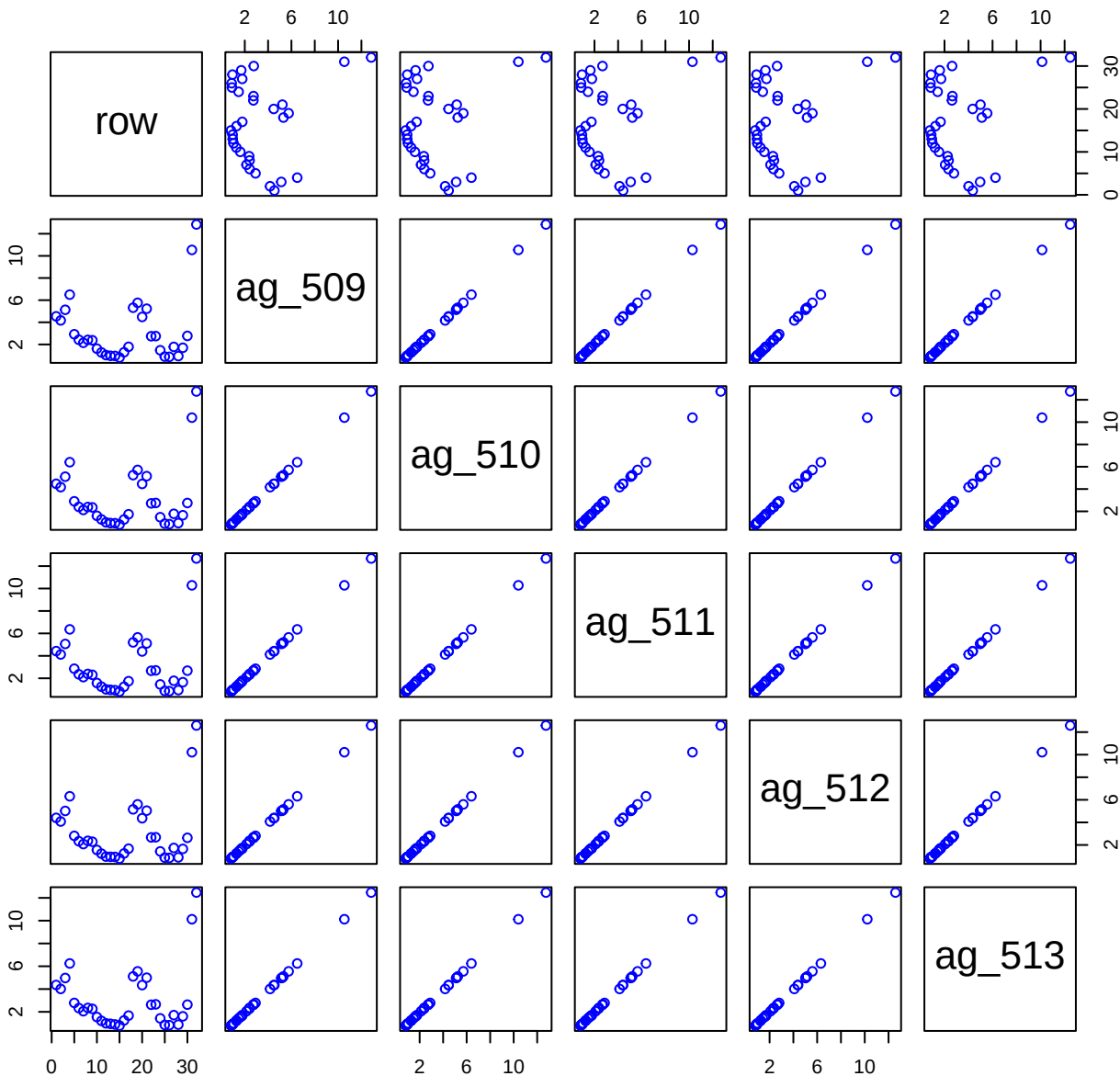
HF459-08 Plot 64



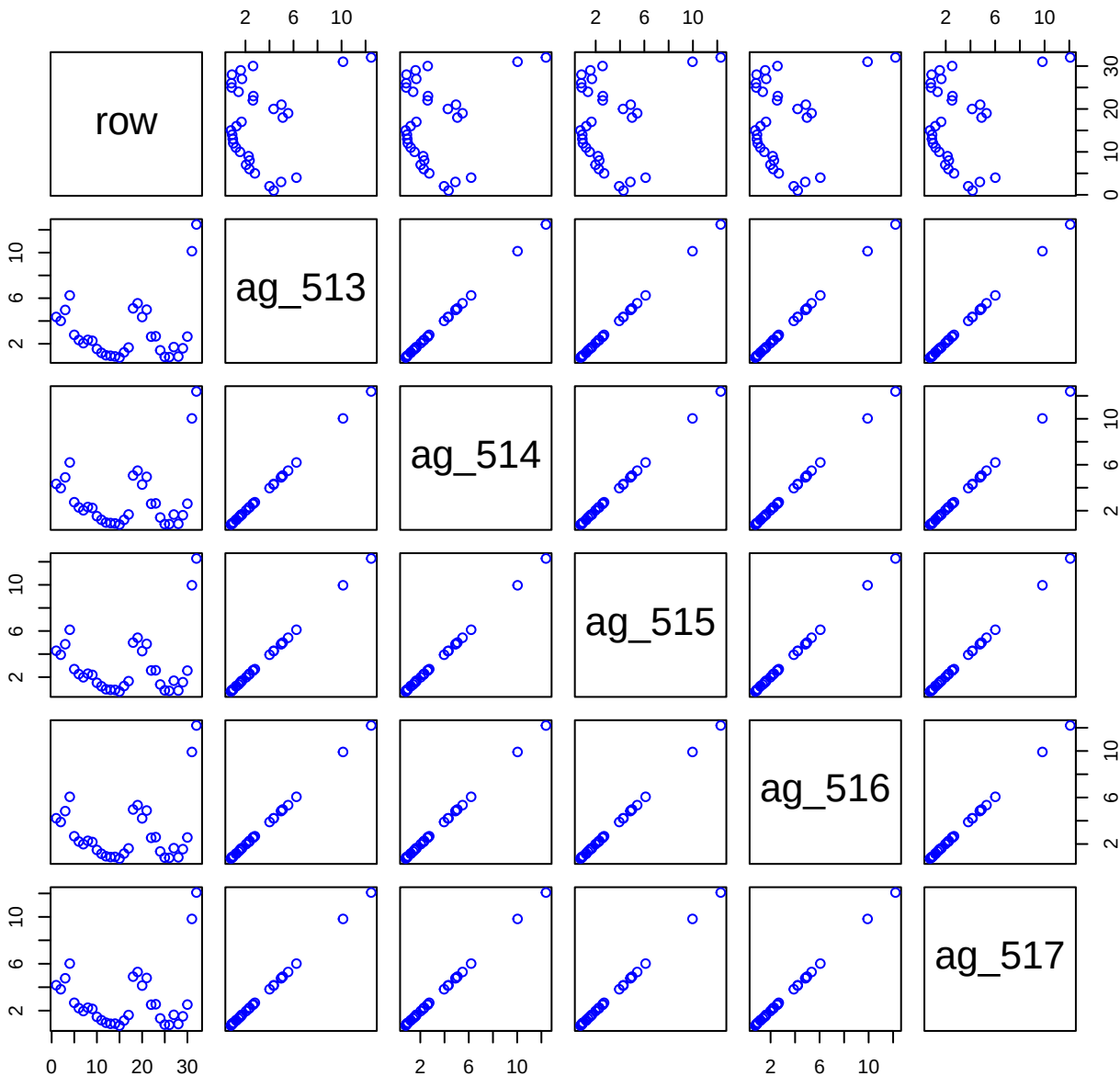
HF459-08 Plot 65



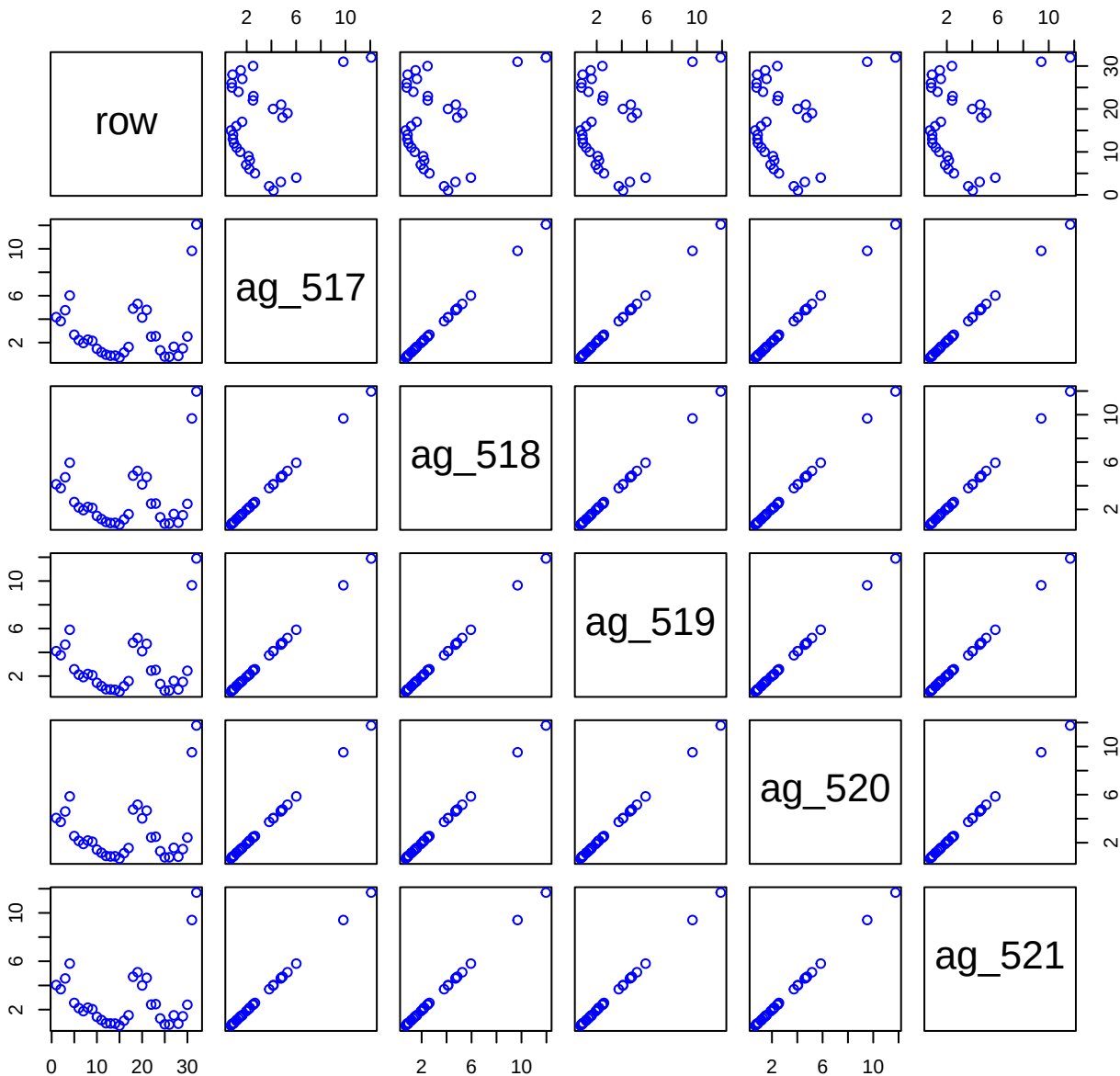
HF459-08 Plot 66



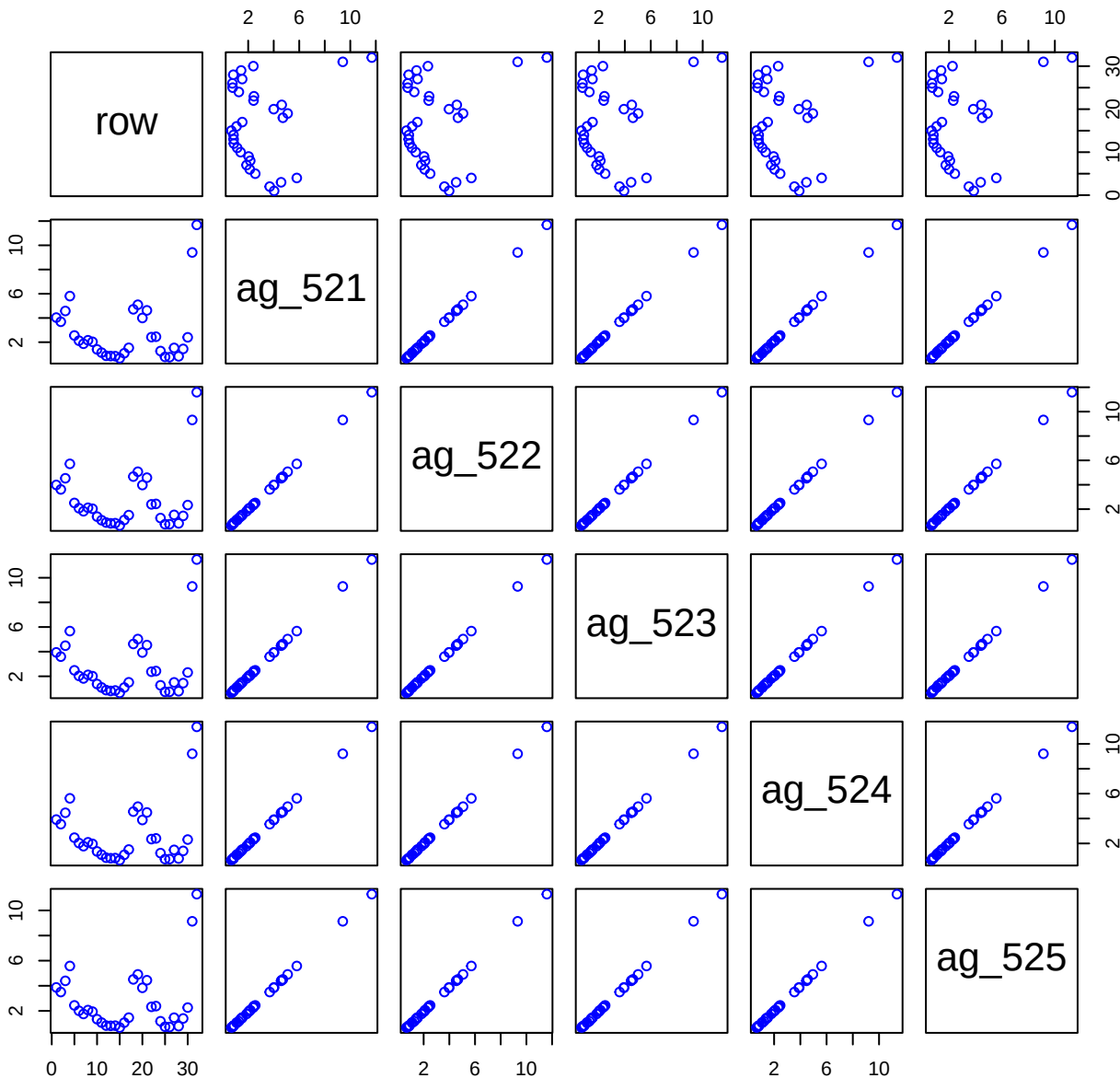
HF459-08 Plot 67



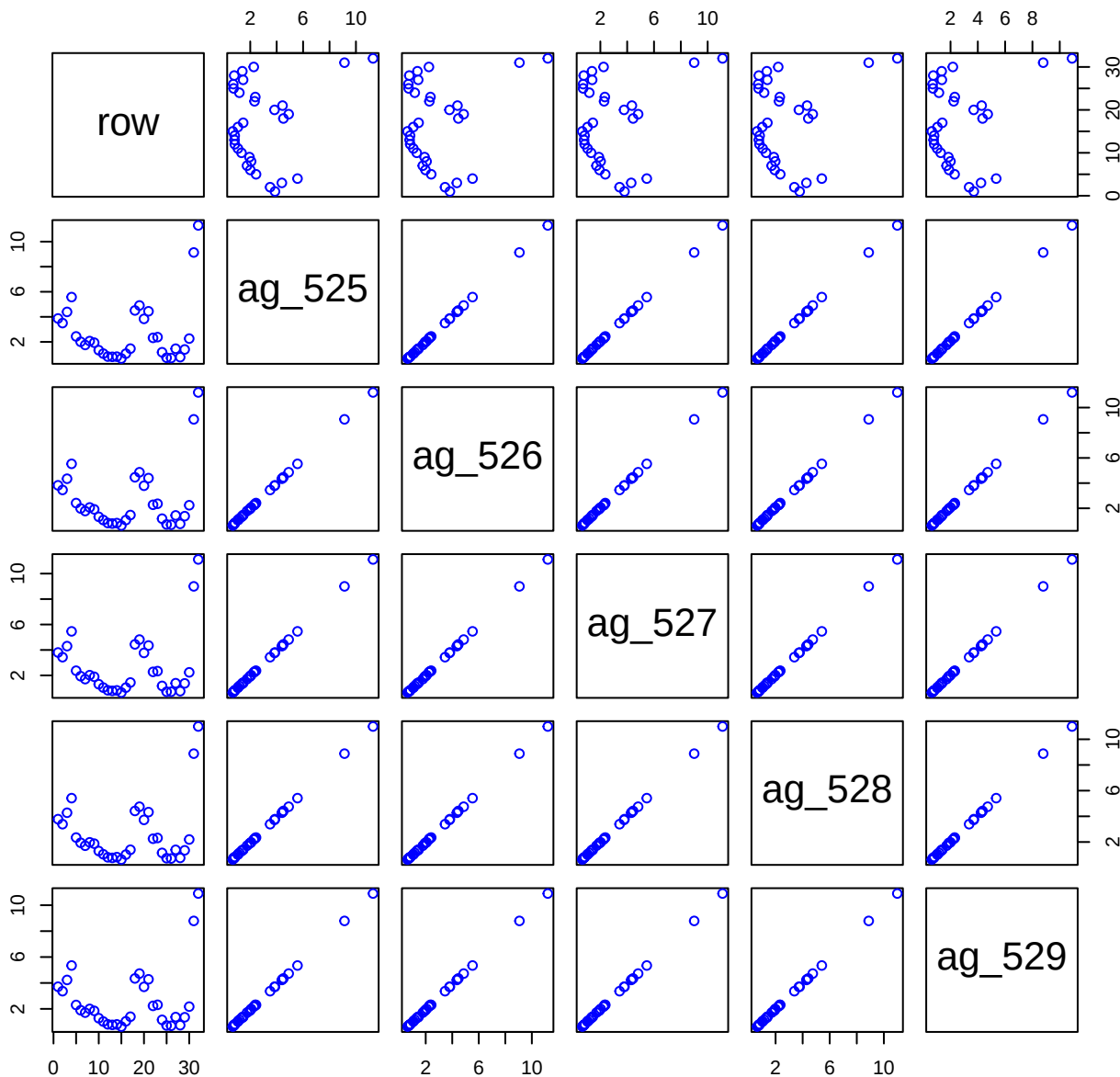
HF459-08 Plot 68



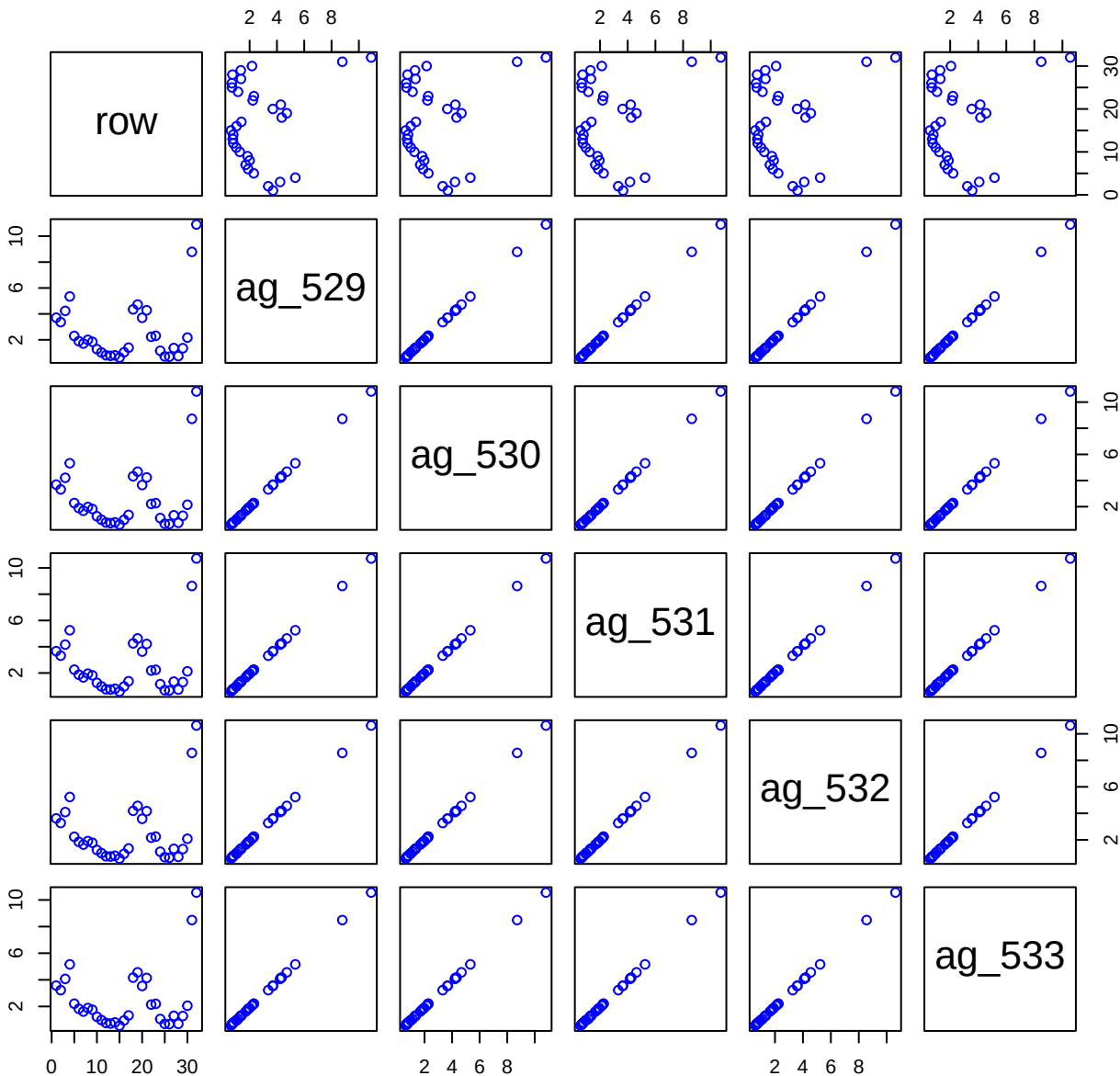
HF459-08 Plot 69



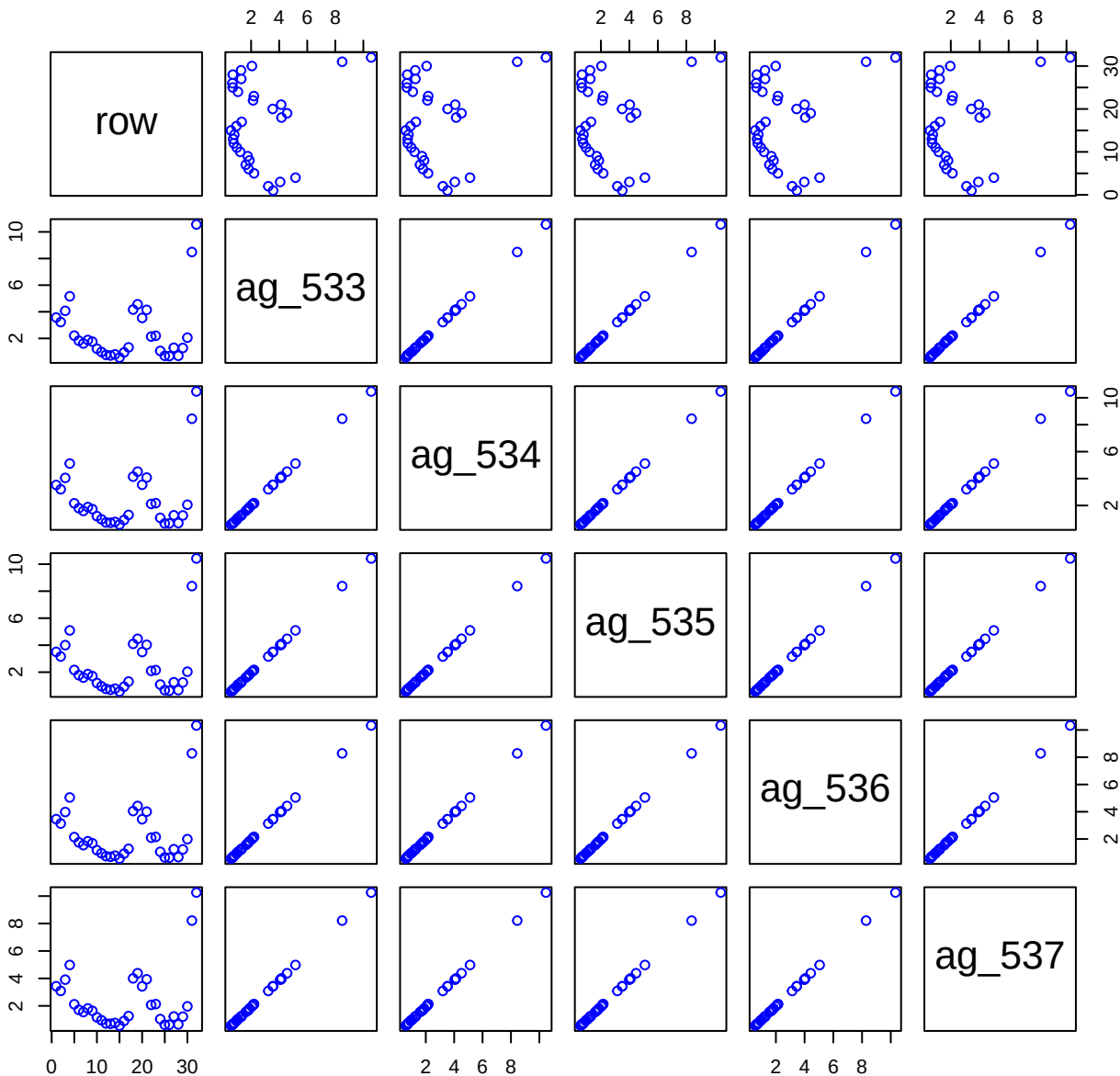
HF459-08 Plot 70



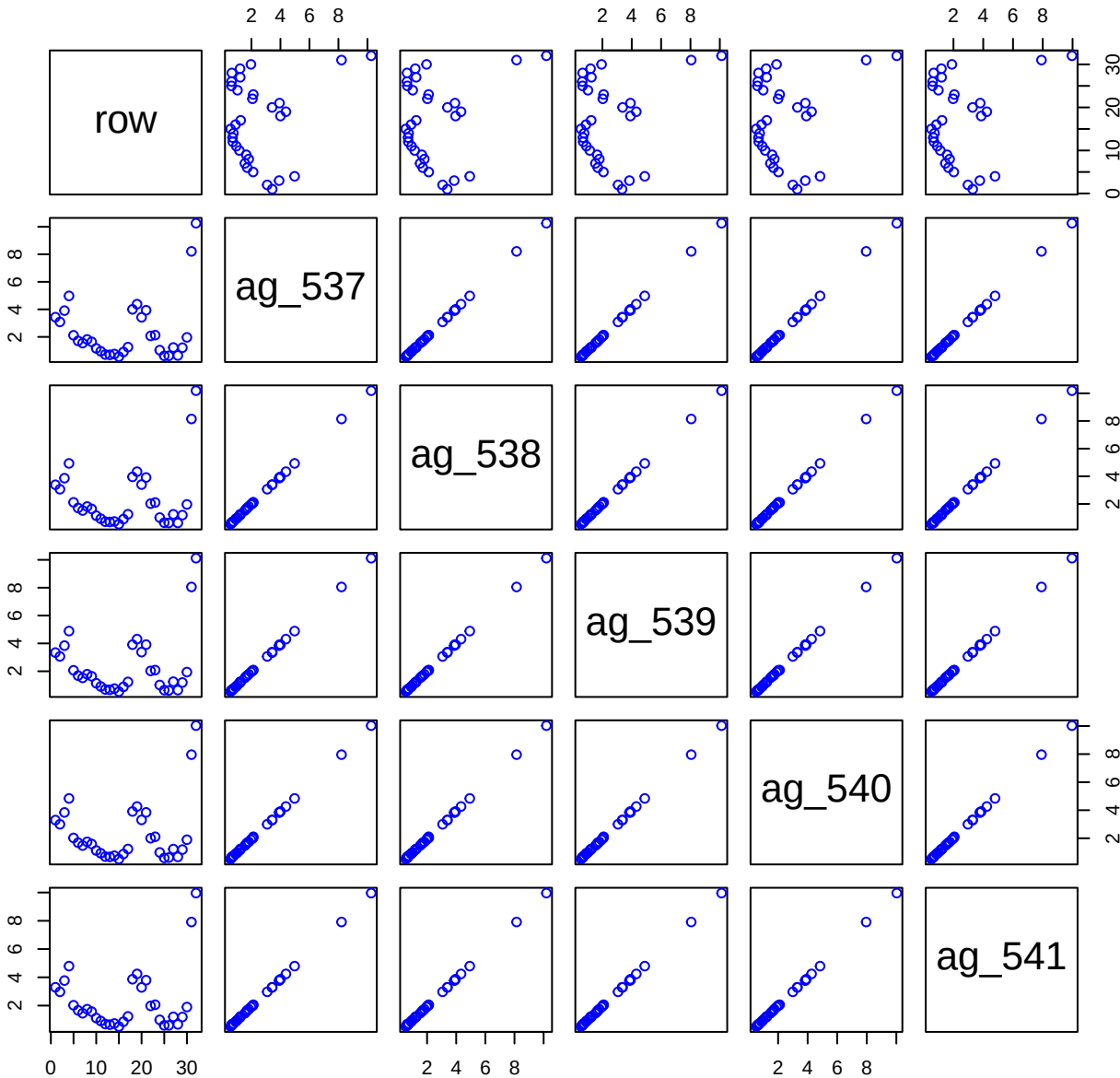
HF459-08 Plot 71



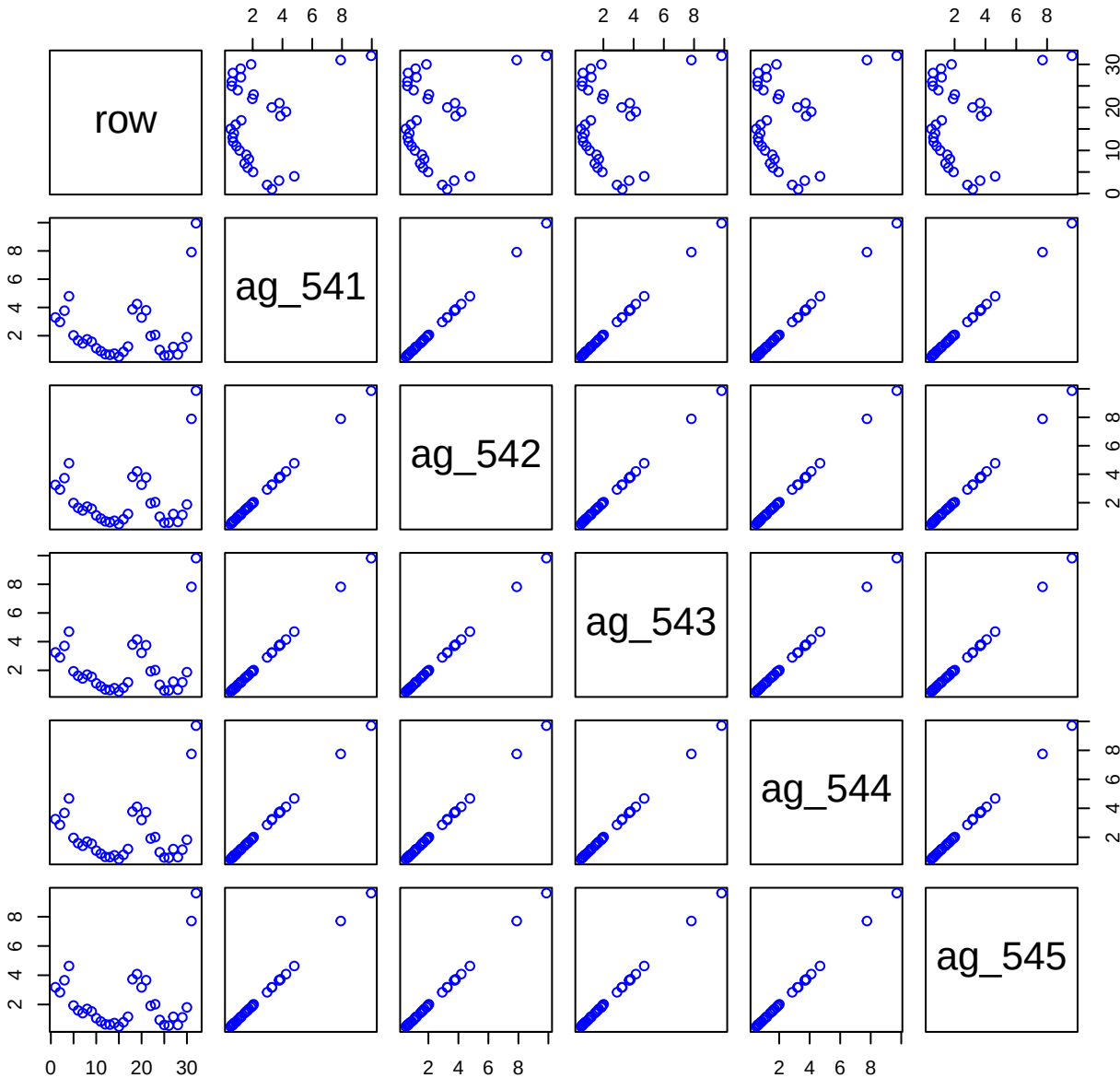
HF459-08 Plot 72



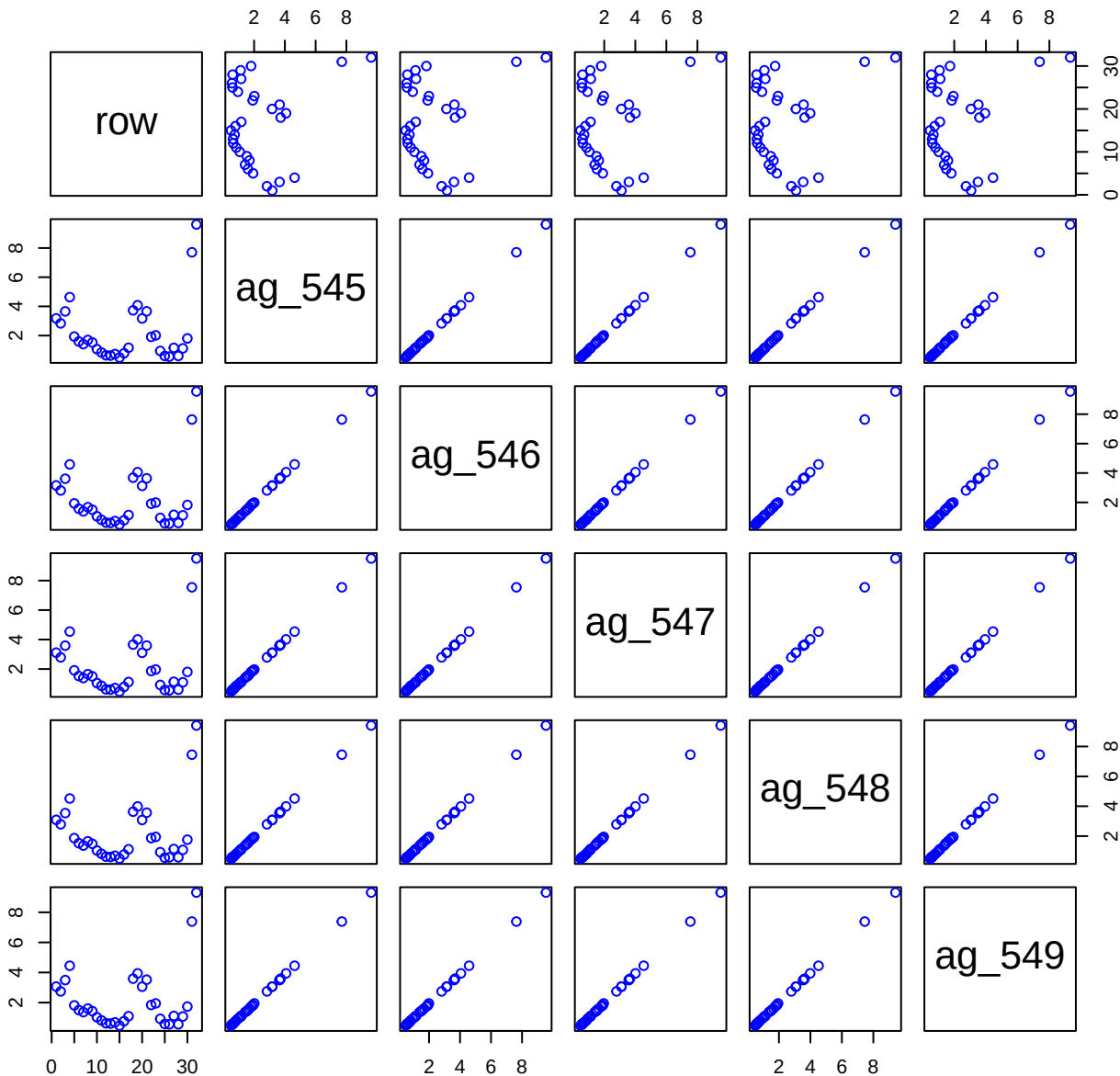
HF459-08 Plot 73



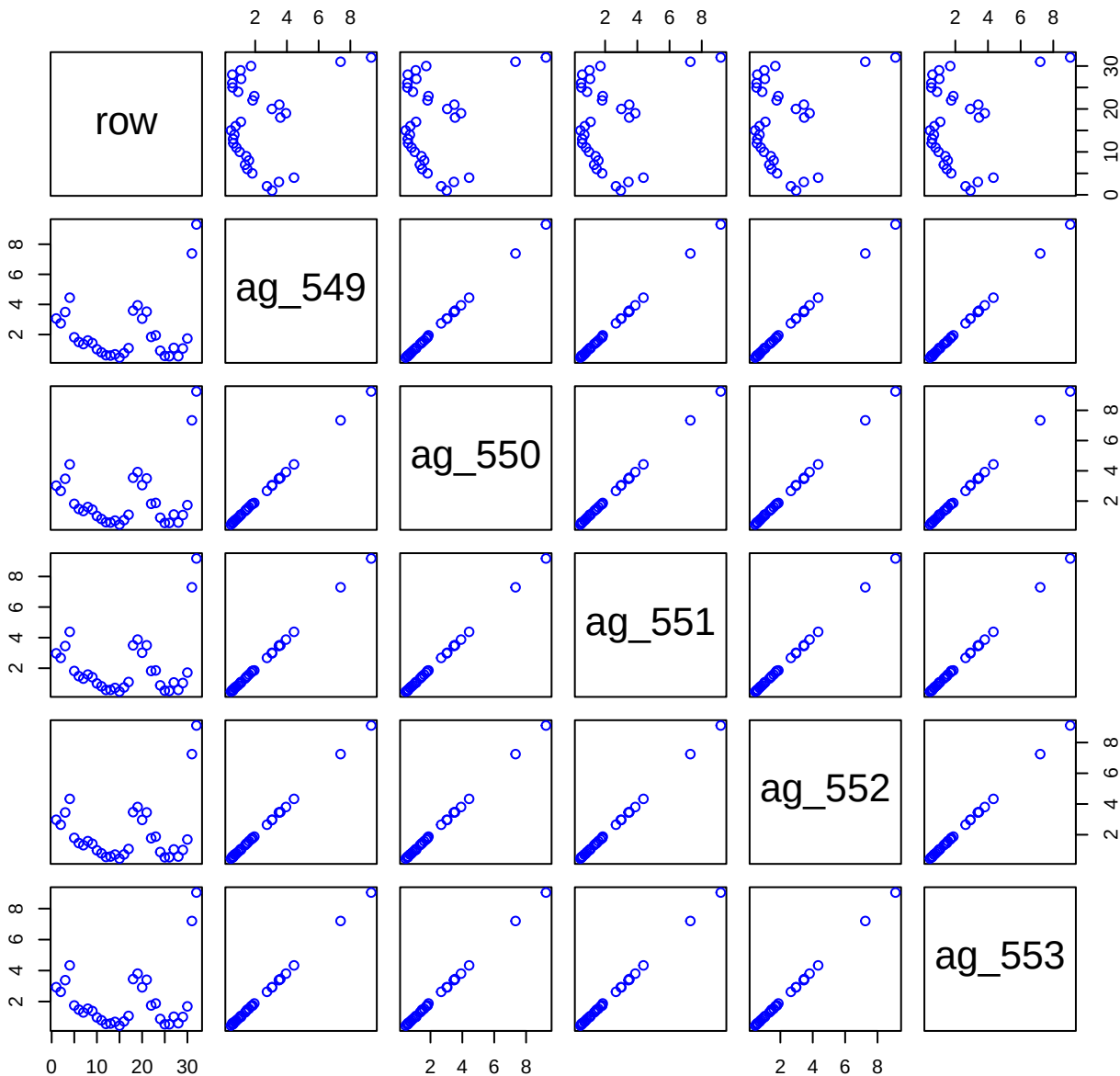
HF459-08 Plot 74



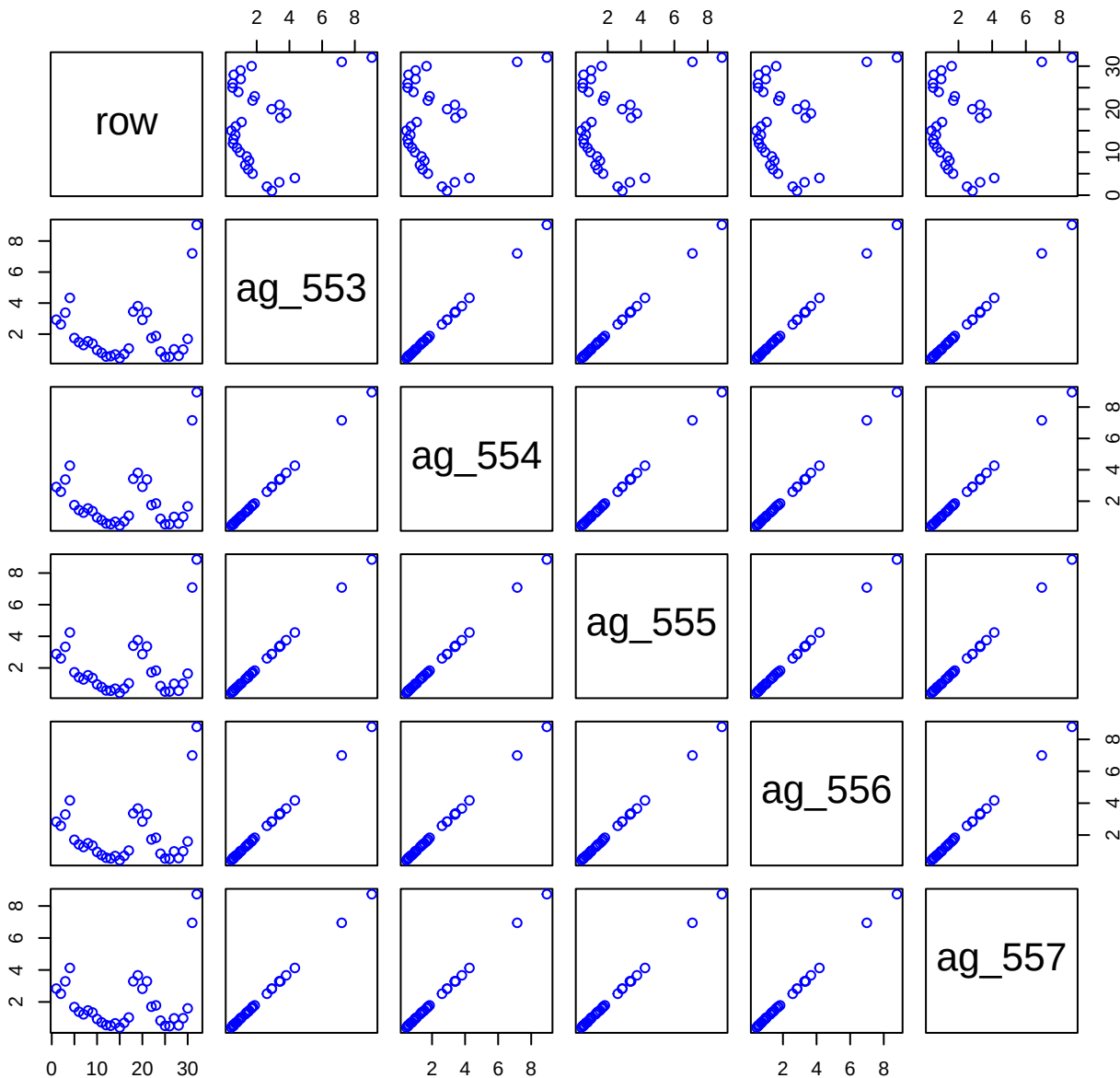
HF459-08 Plot 75



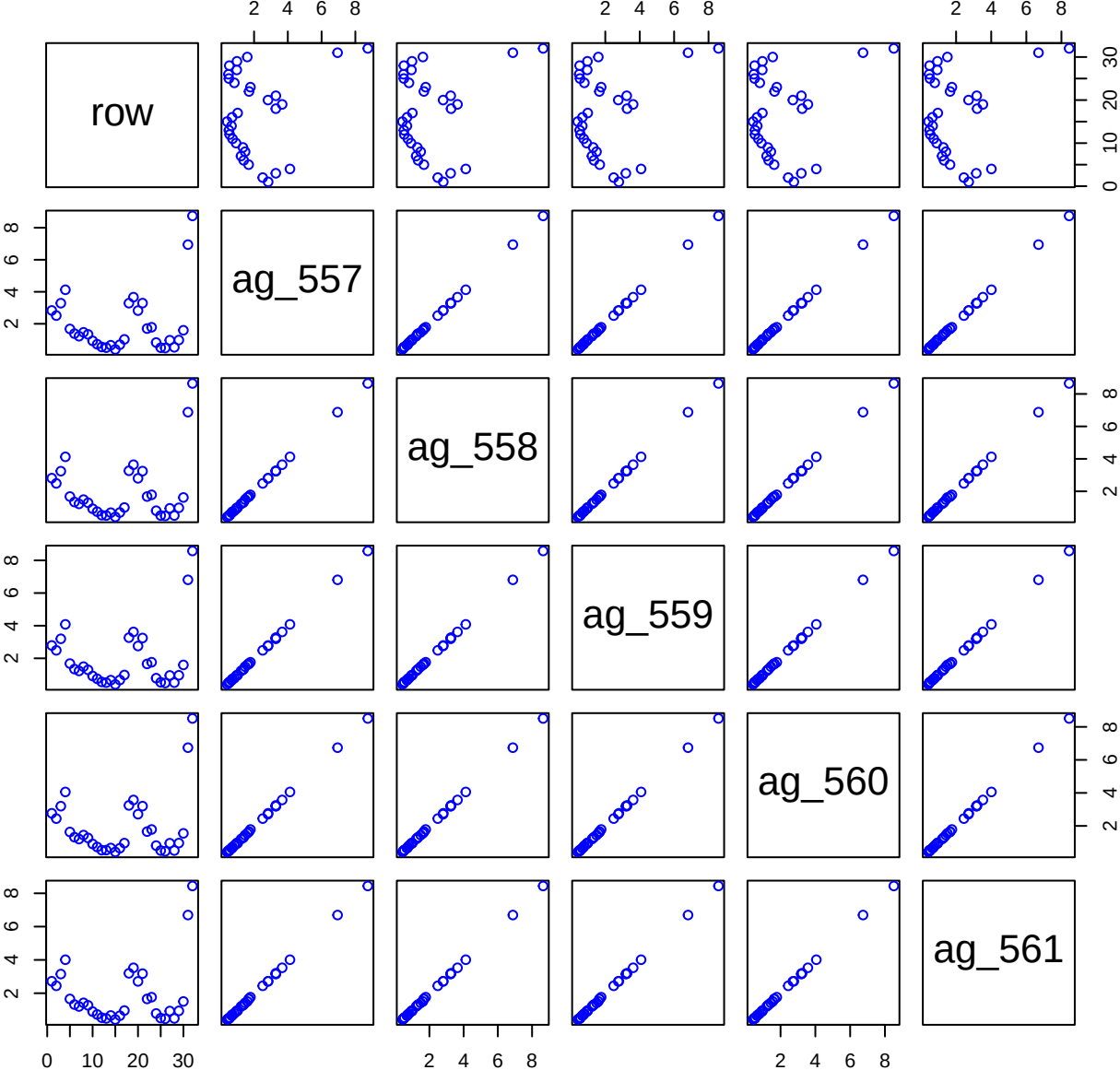
HF459-08 Plot 76



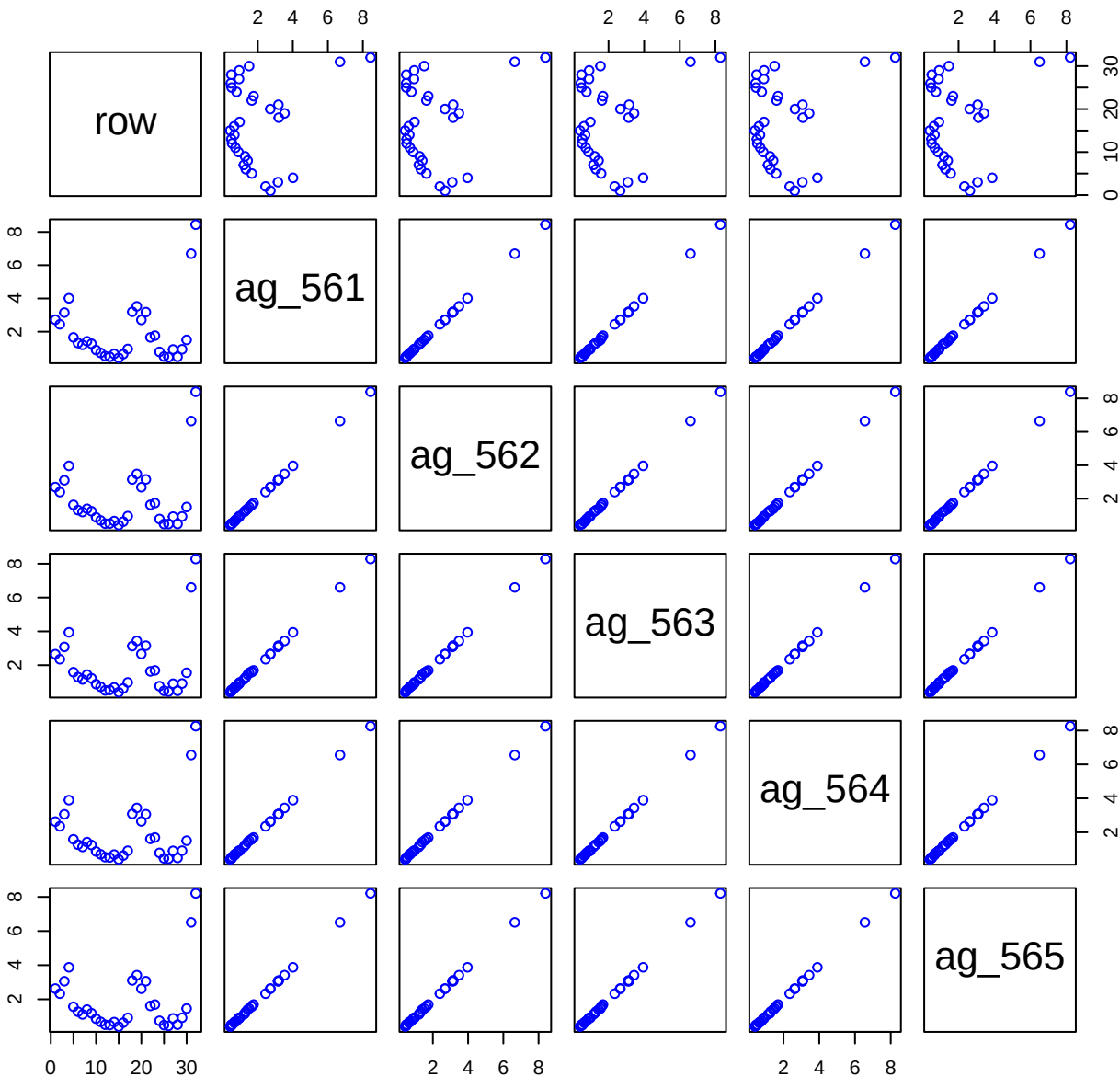
HF459-08 Plot 77



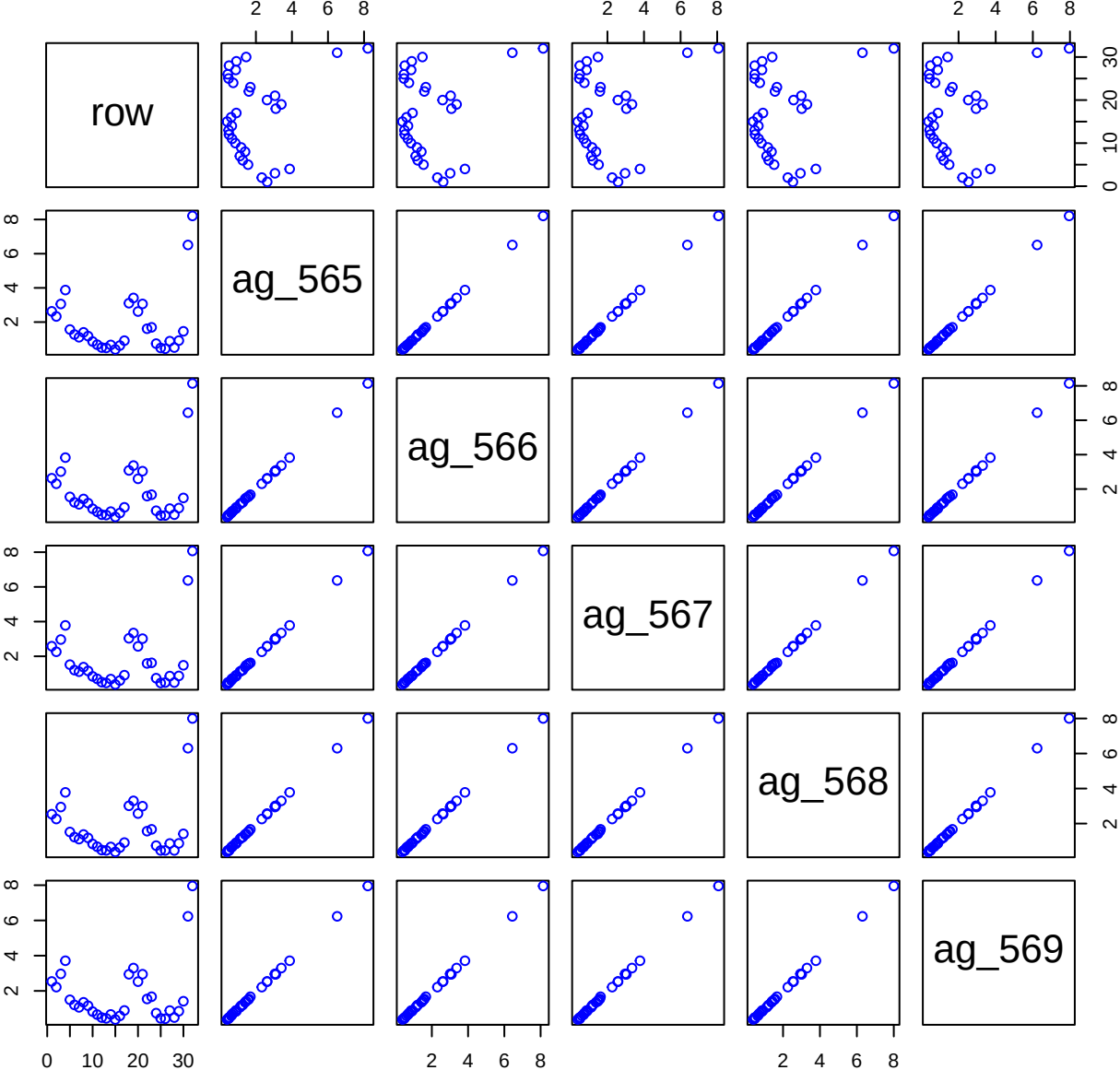
HF459-08 Plot 78



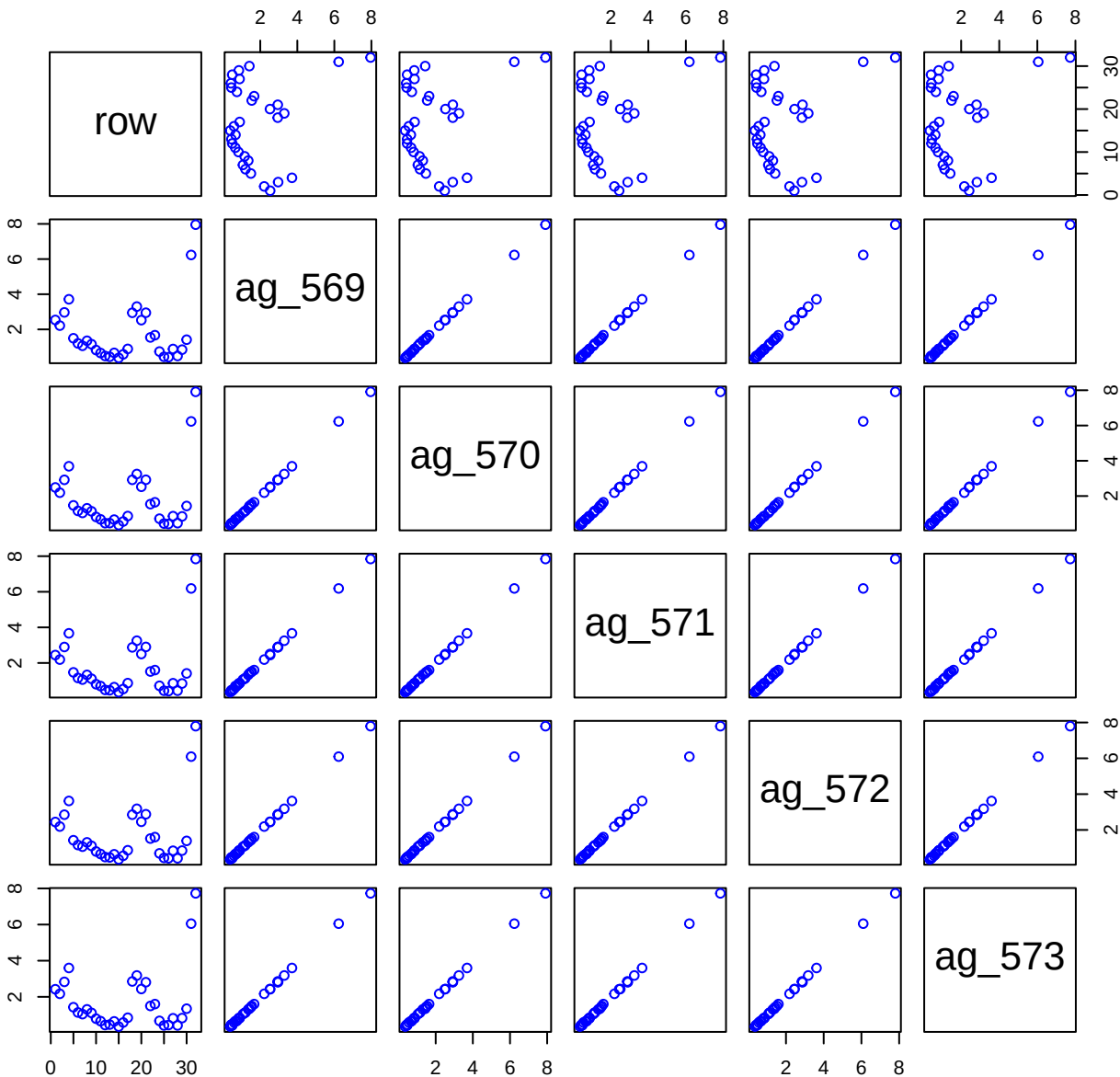
HF459-08 Plot 79



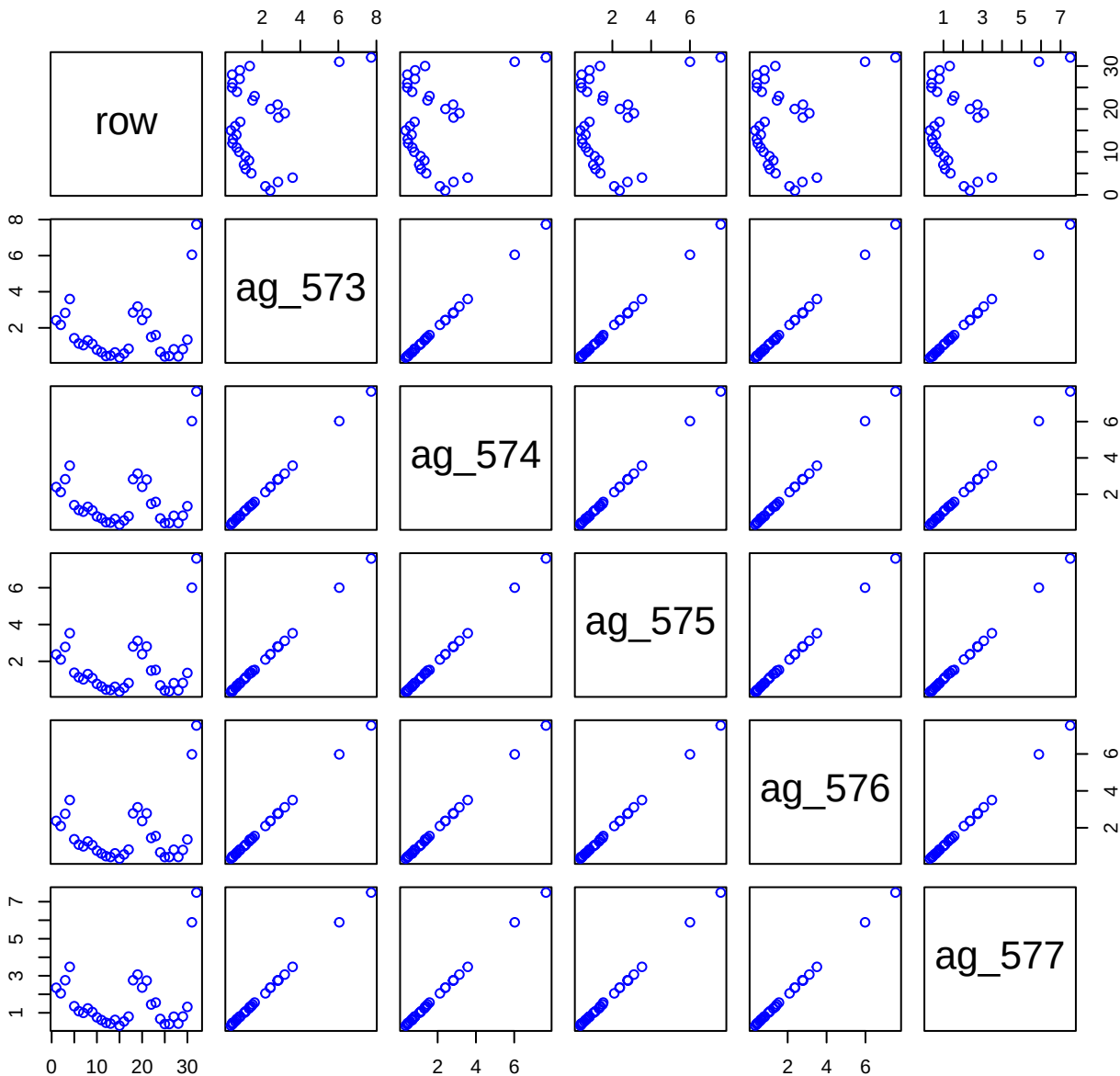
HF459-08 Plot 80



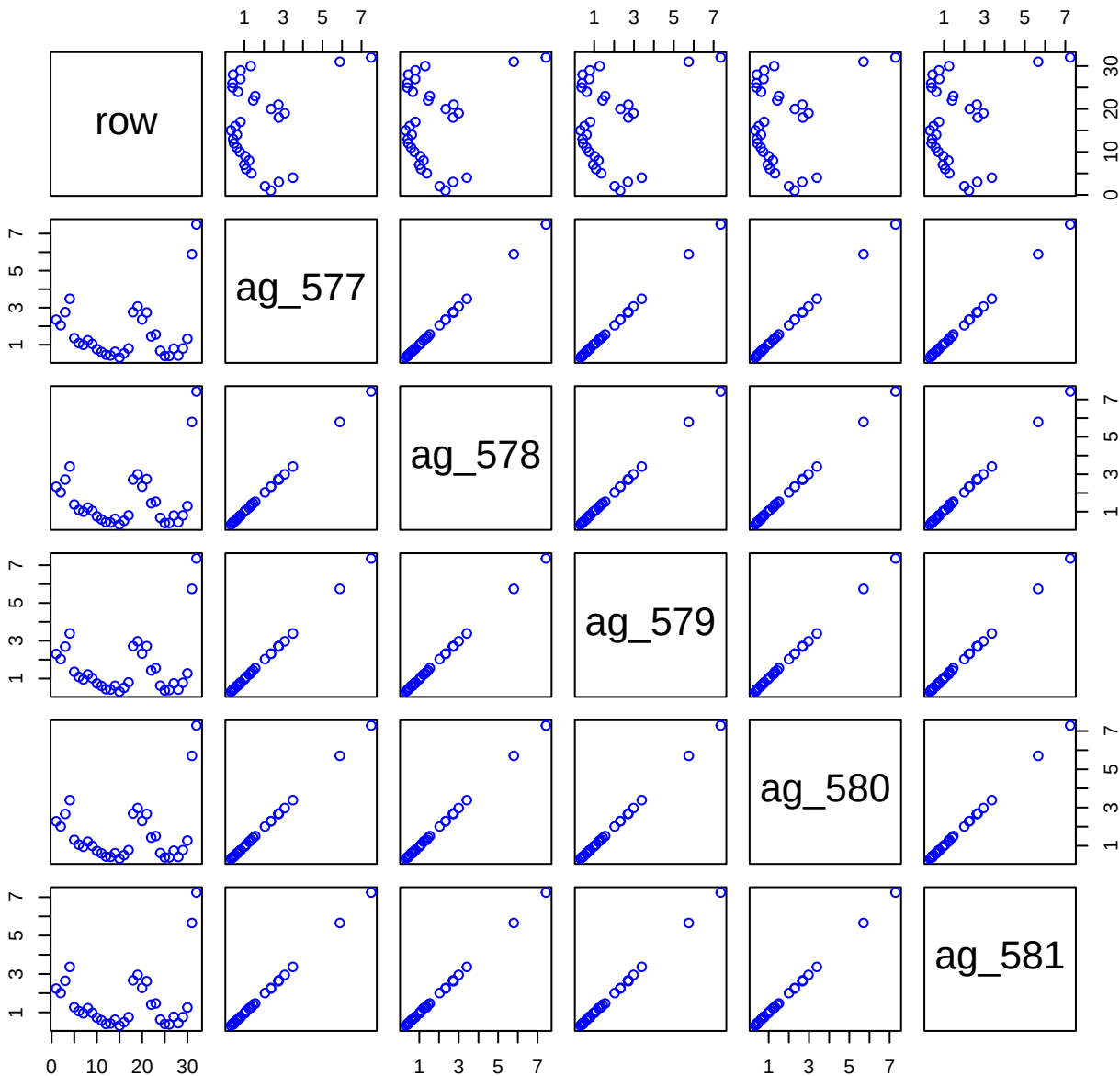
HF459-08 Plot 81



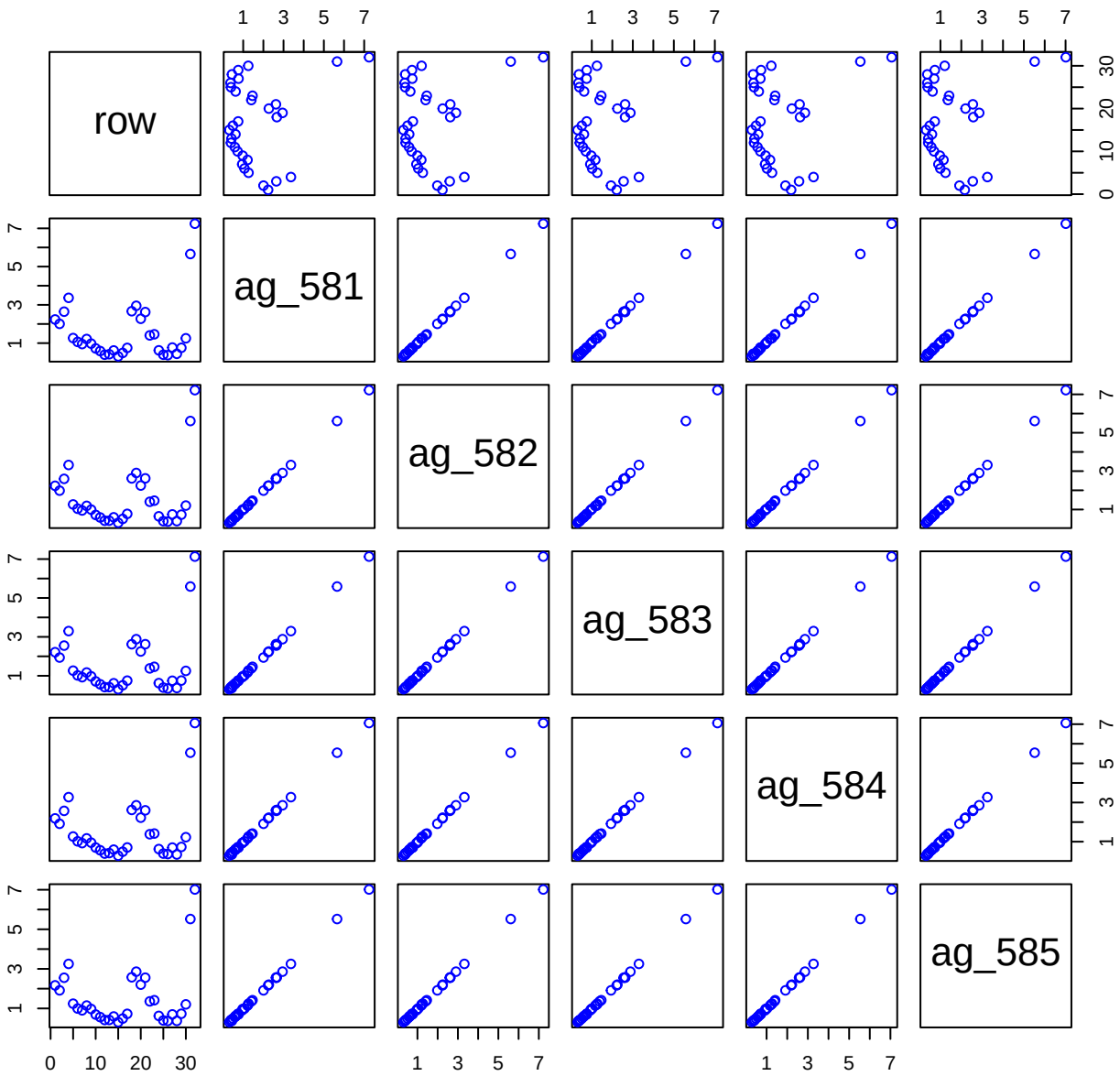
HF459-08 Plot 82



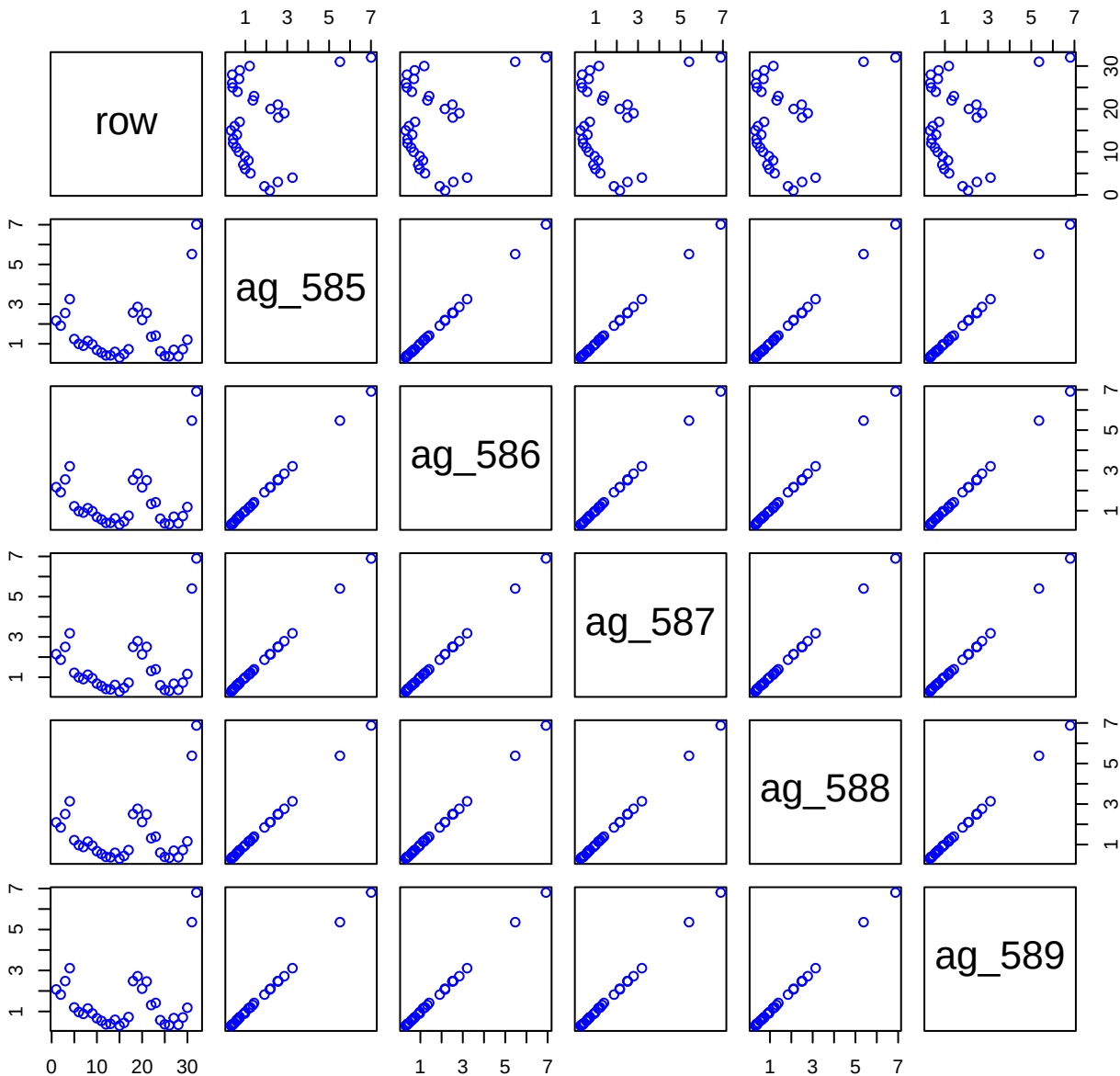
HF459-08 Plot 83



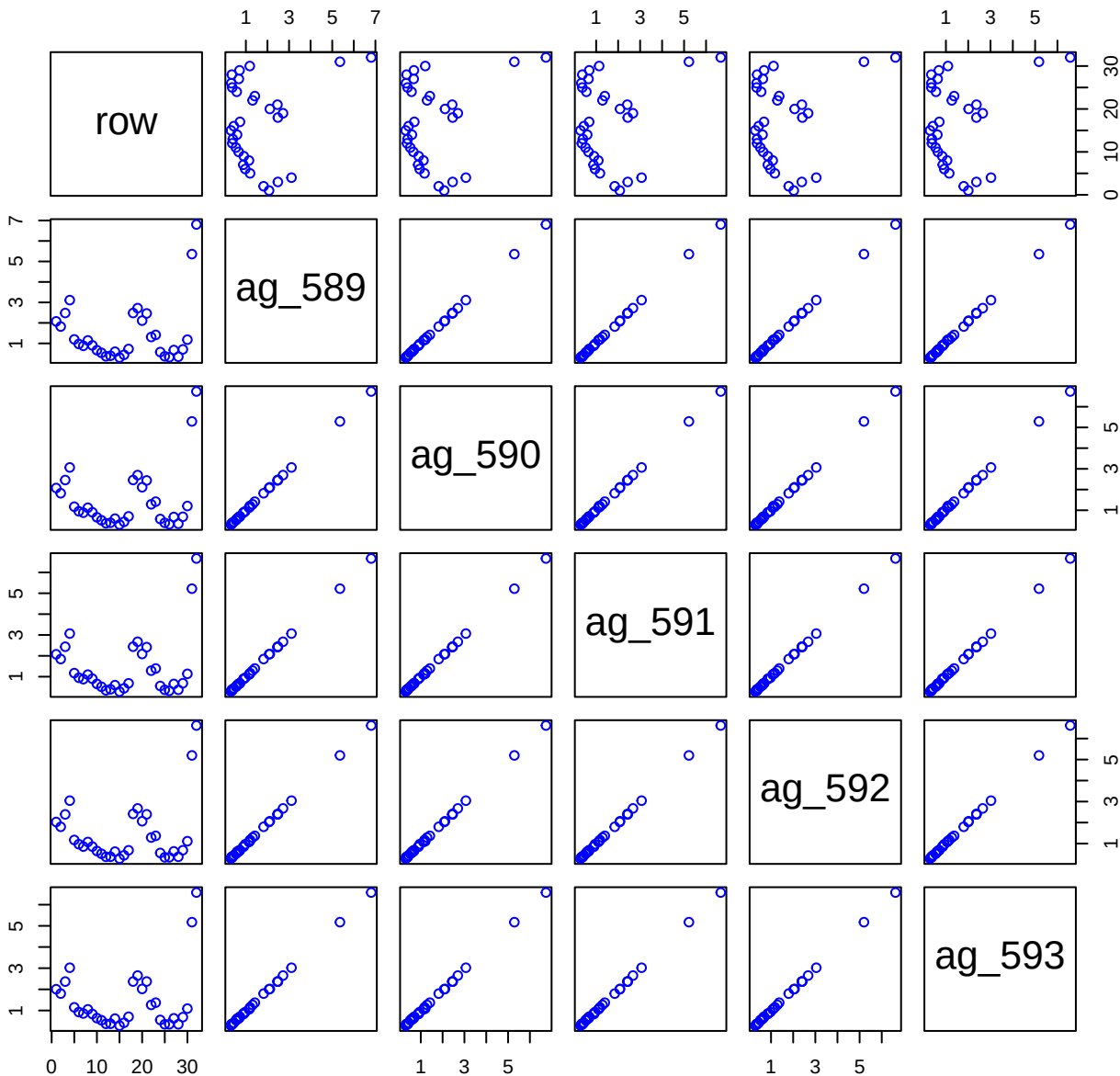
HF459-08 Plot 84



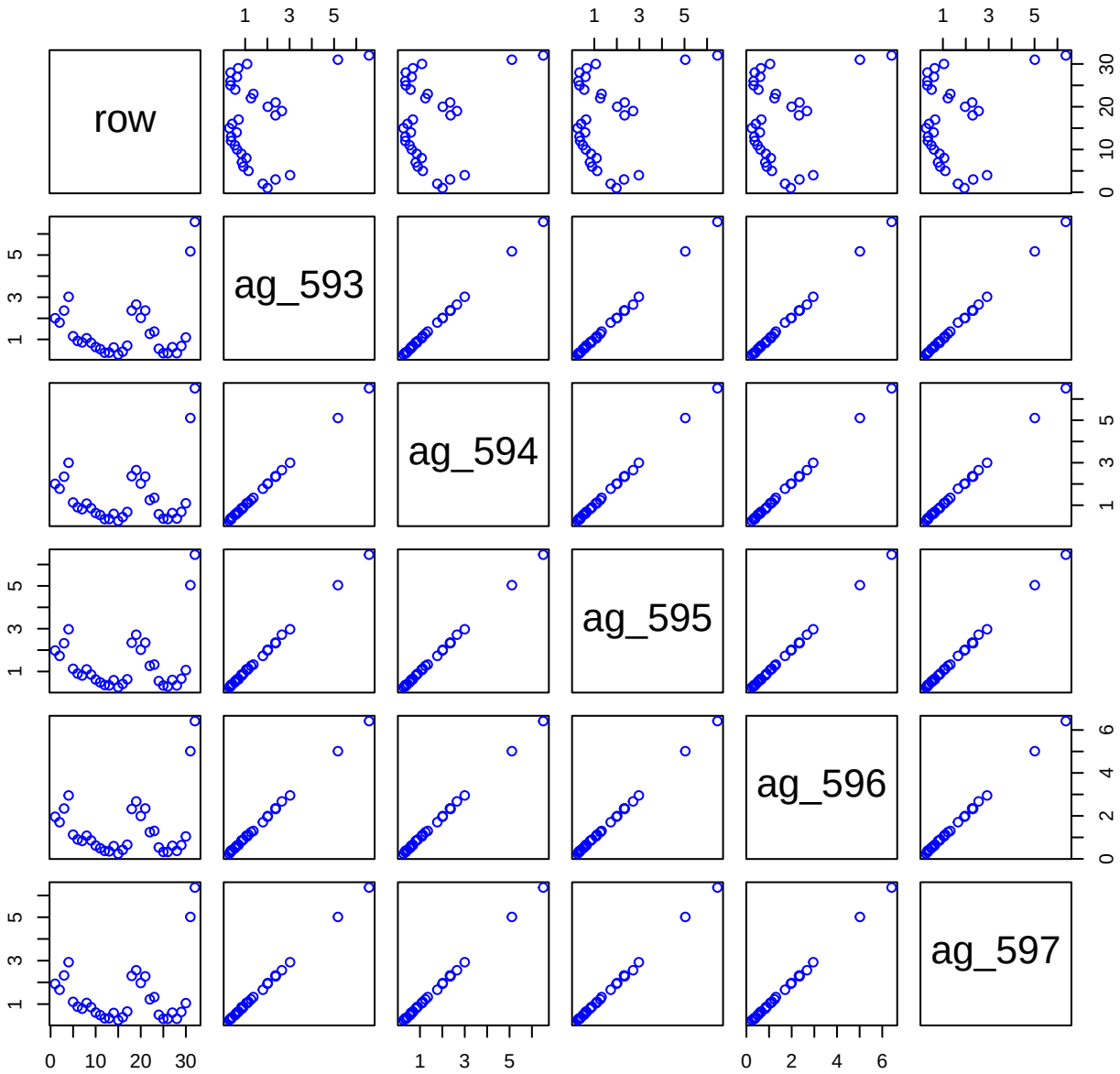
HF459-08 Plot 85



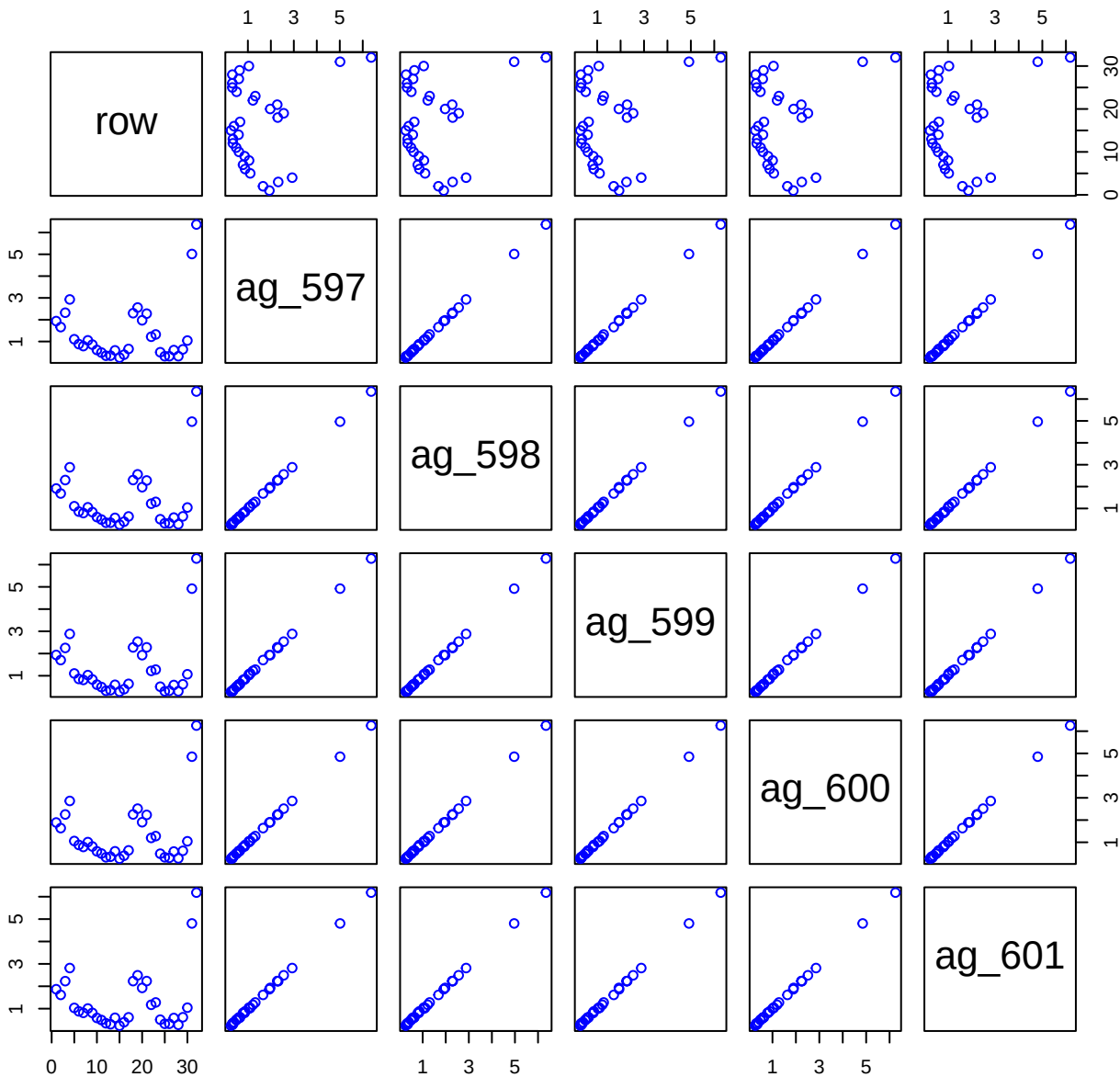
HF459-08 Plot 86



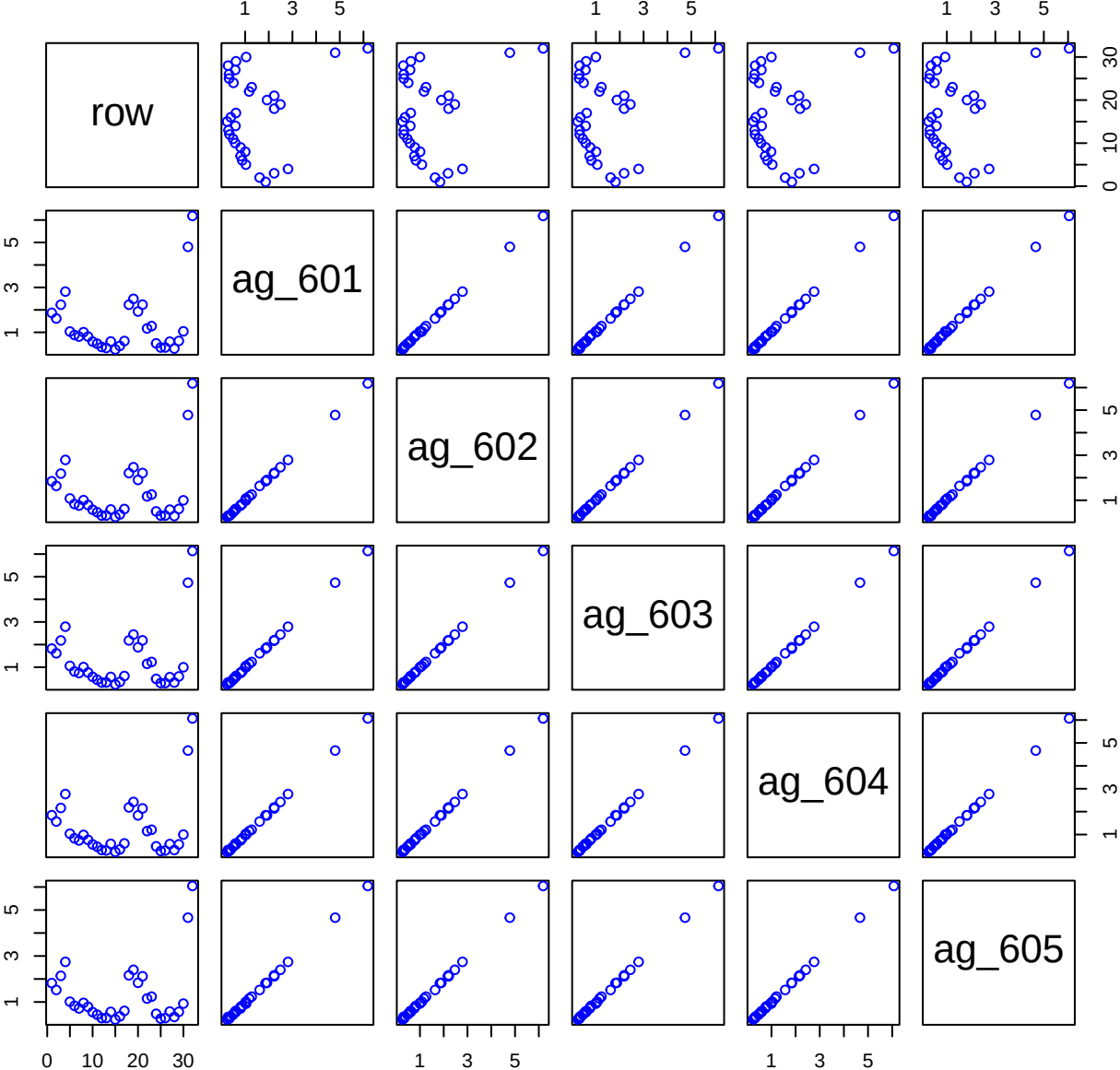
HF459-08 Plot 87



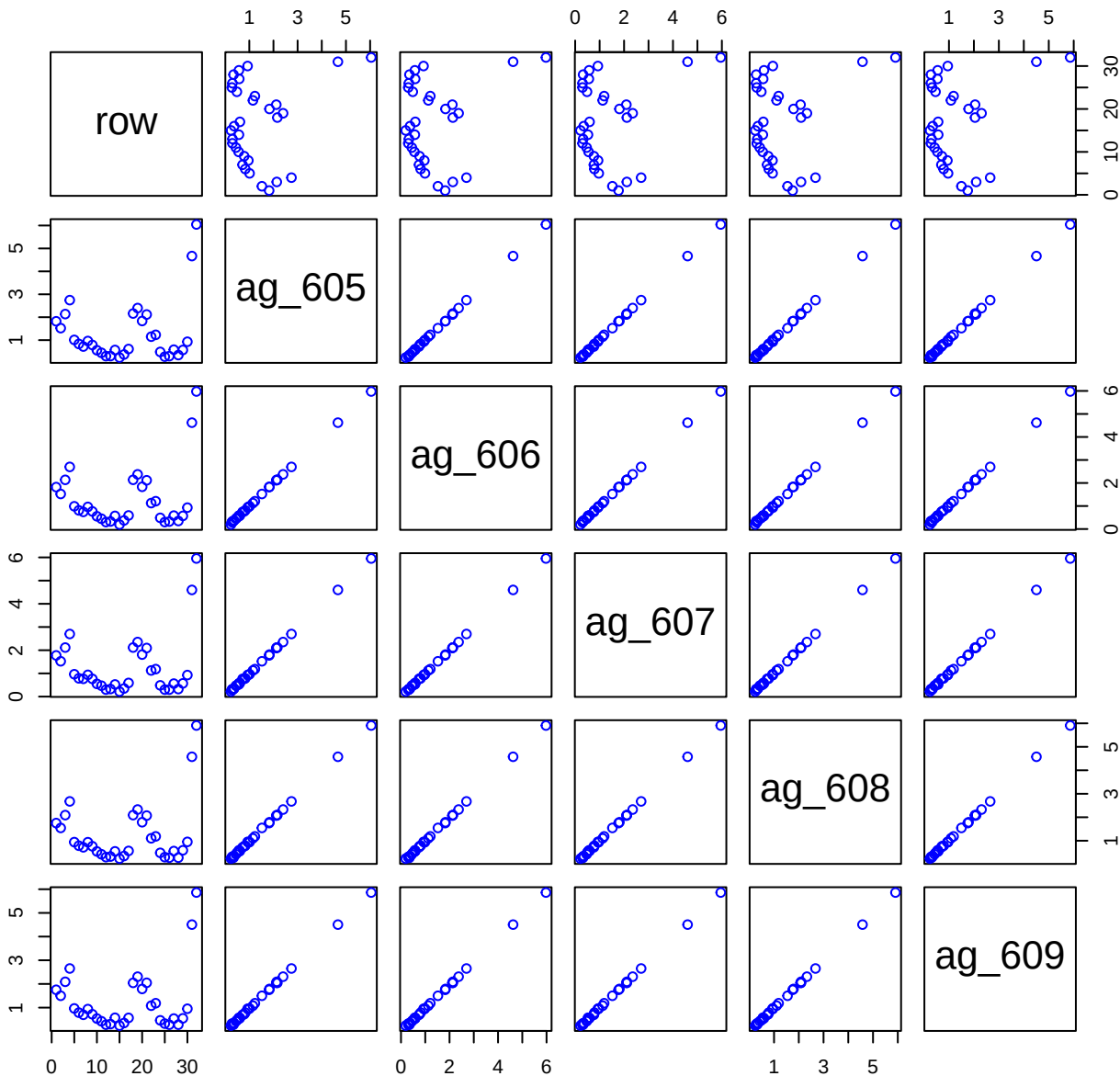
HF459-08 Plot 88



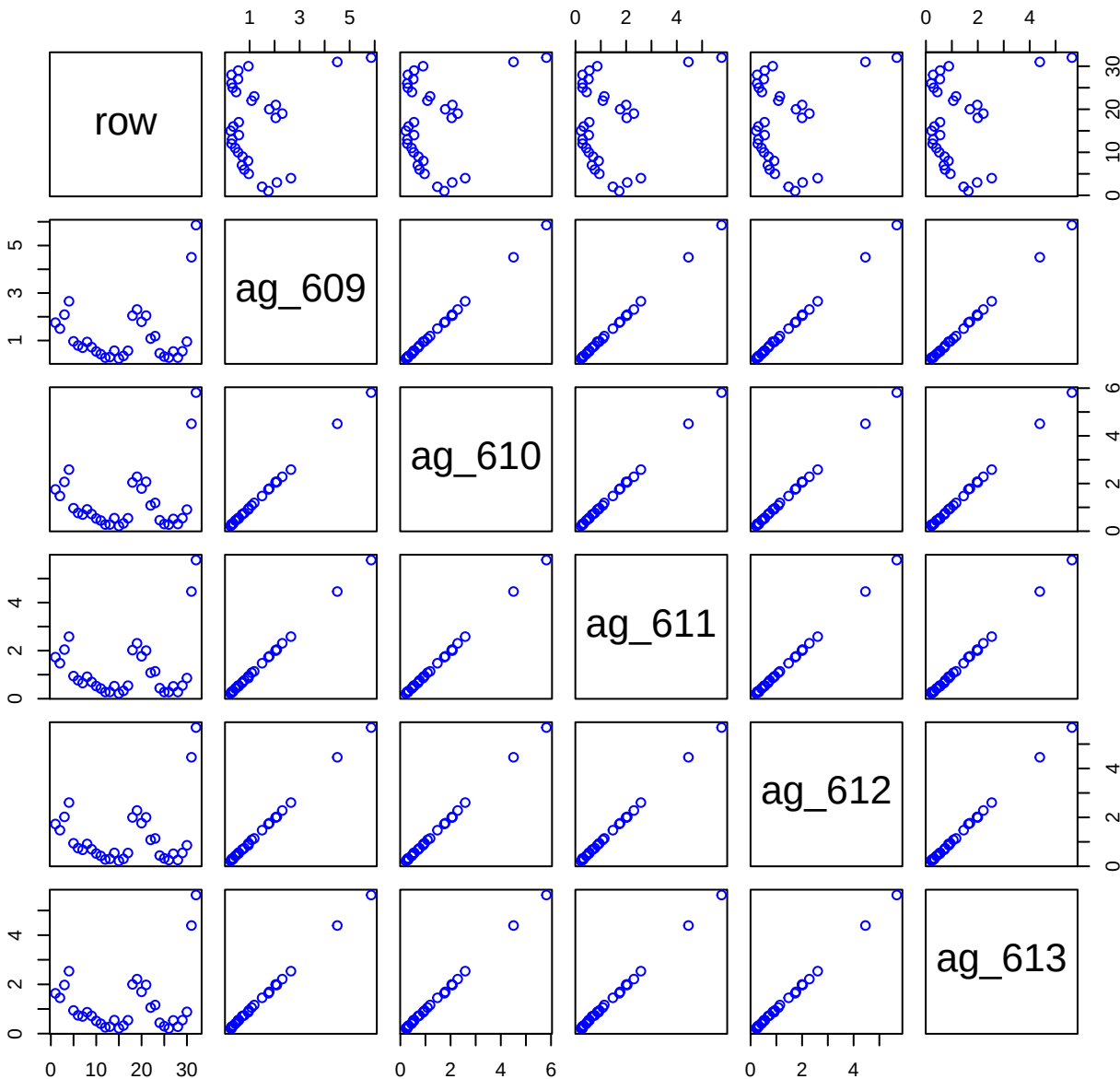
HF459-08 Plot 89



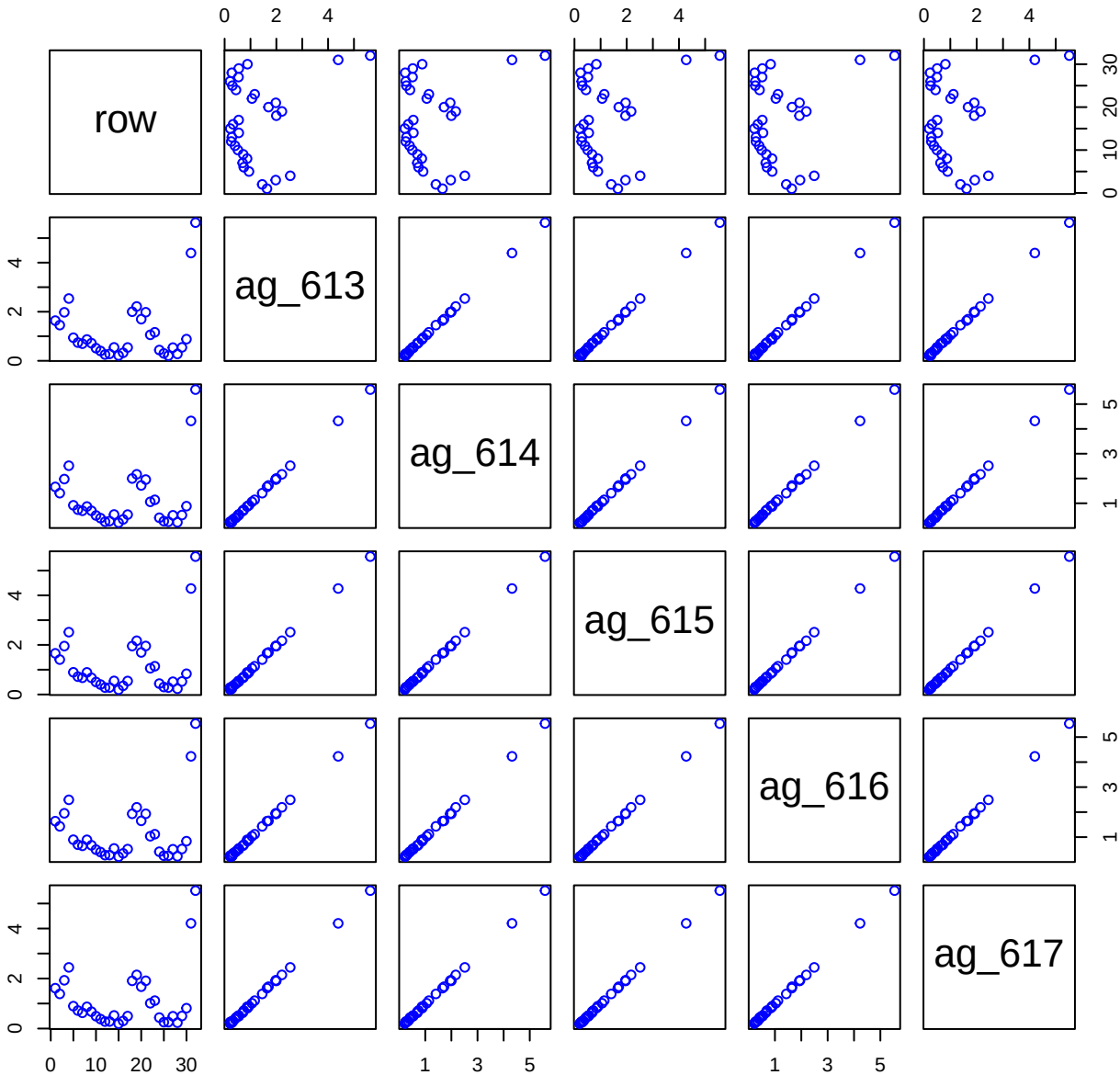
HF459-08 Plot 90



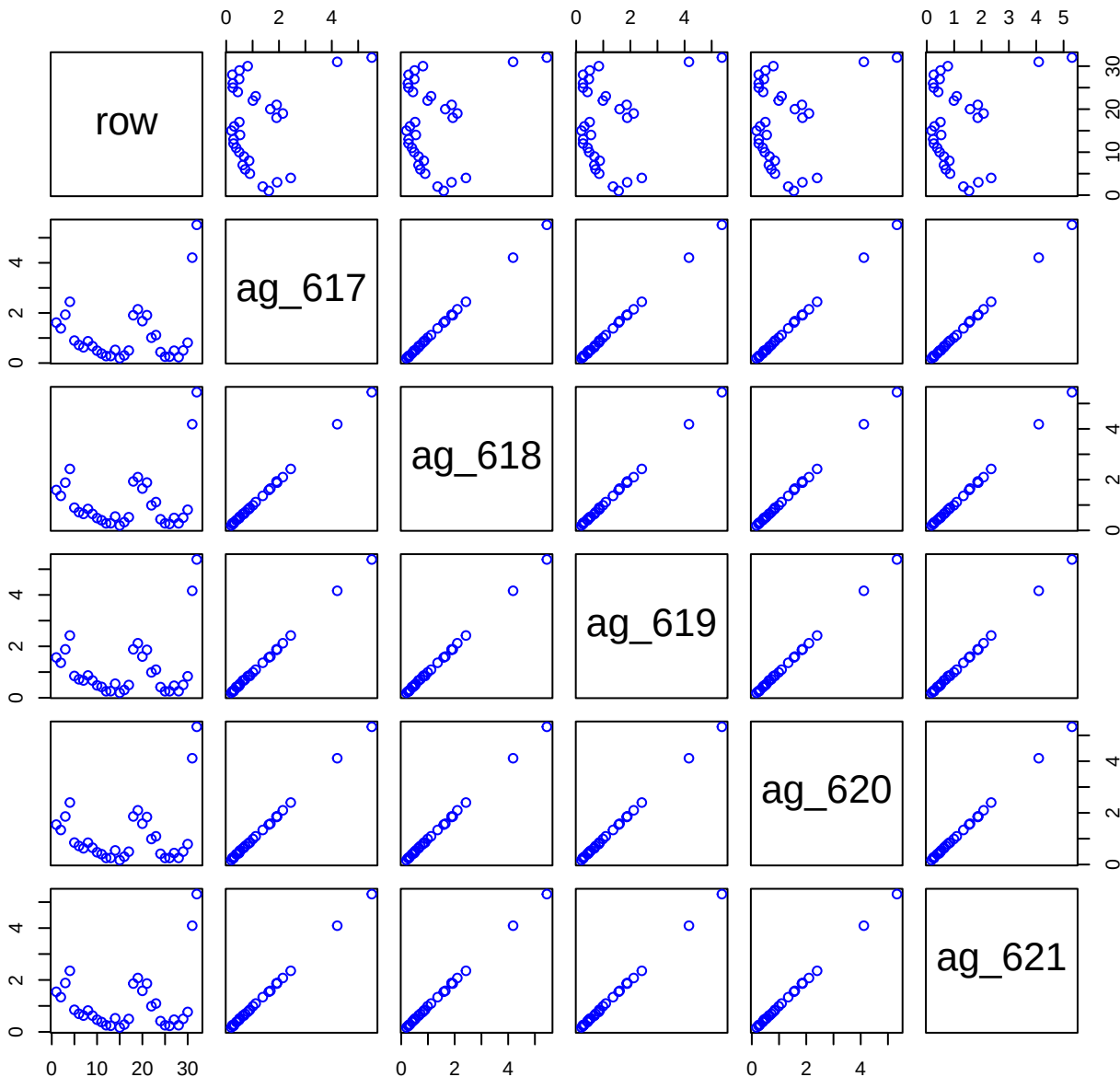
HF459-08 Plot 91



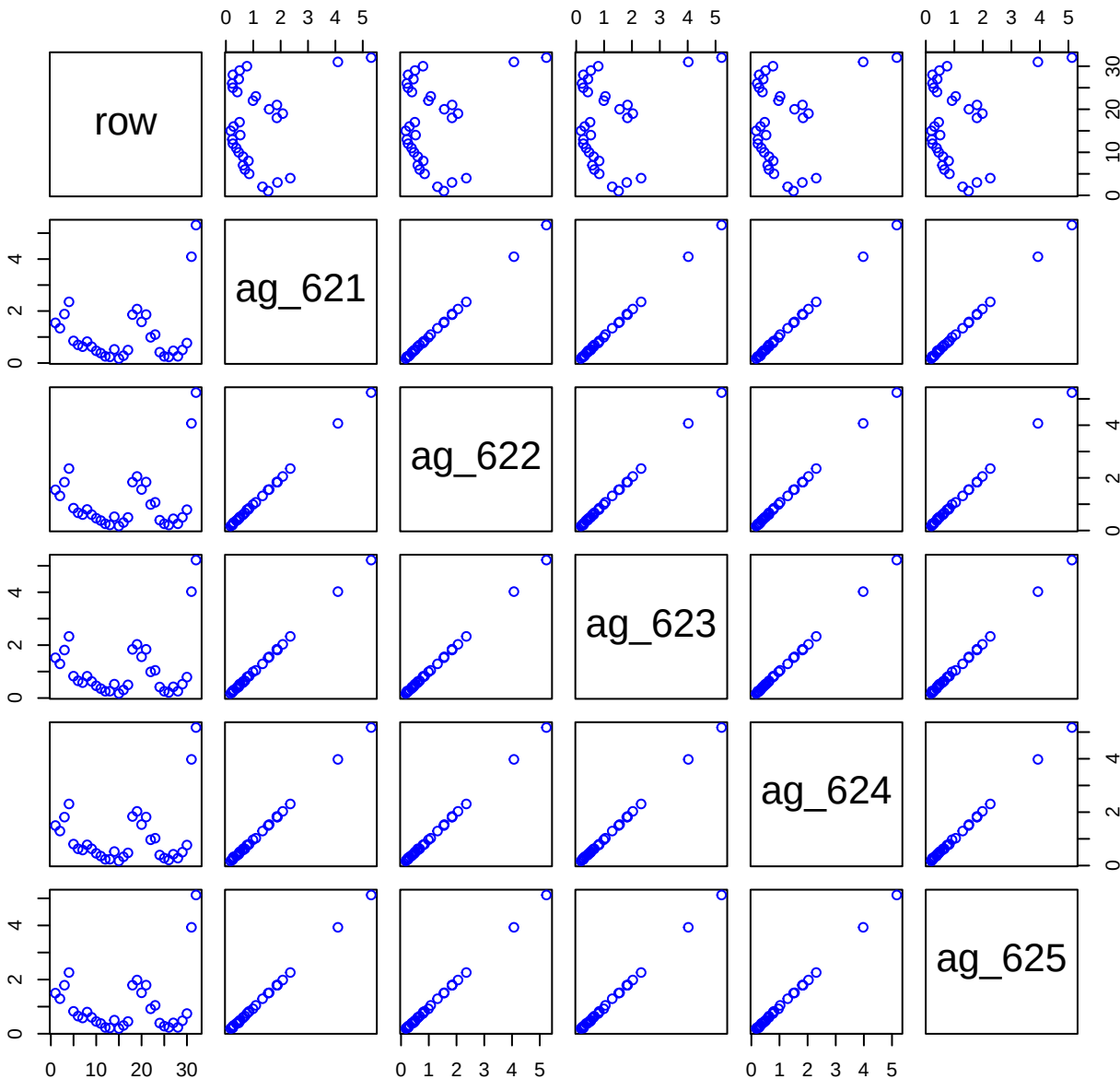
HF459-08 Plot 92



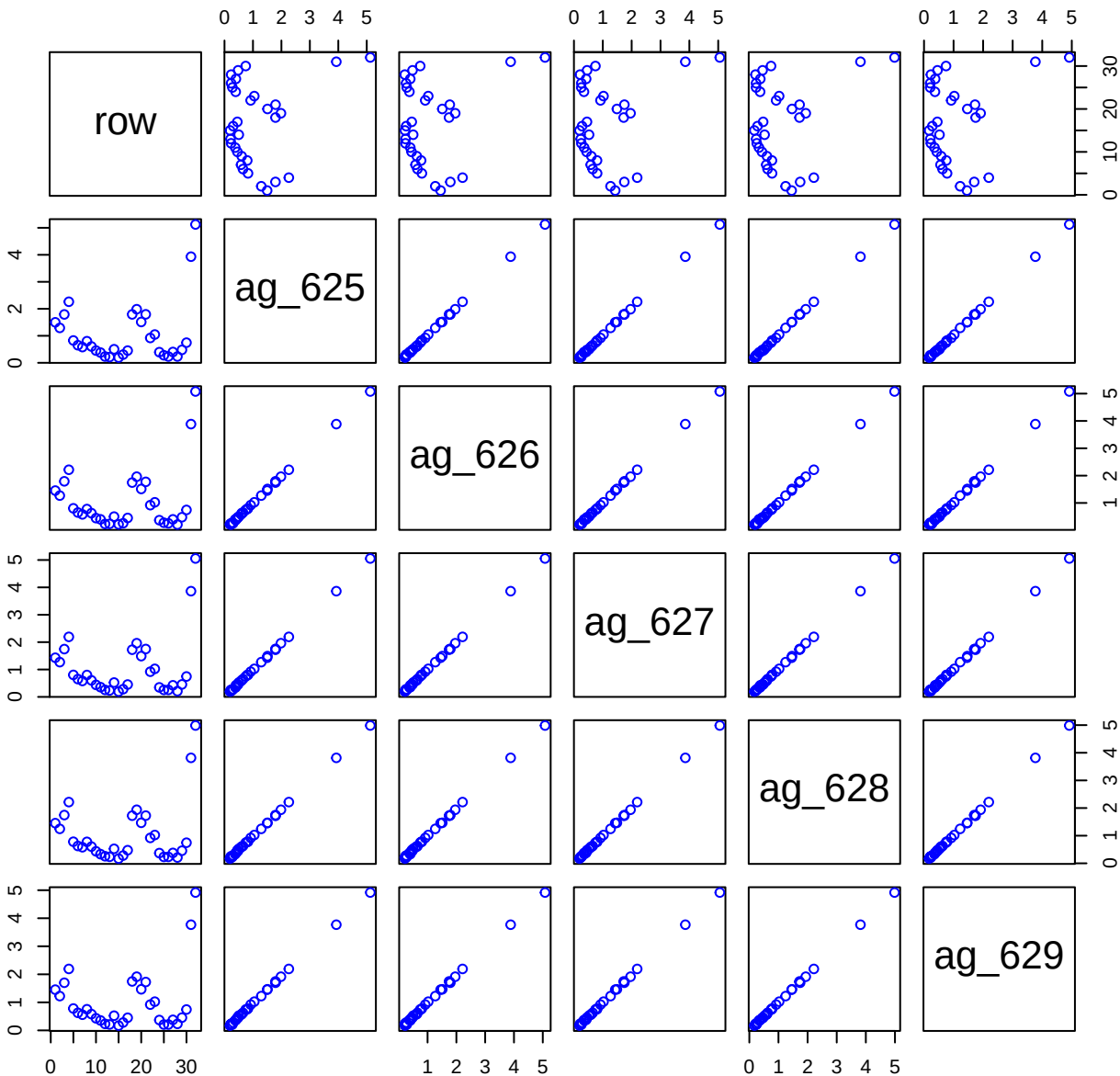
HF459-08 Plot 93



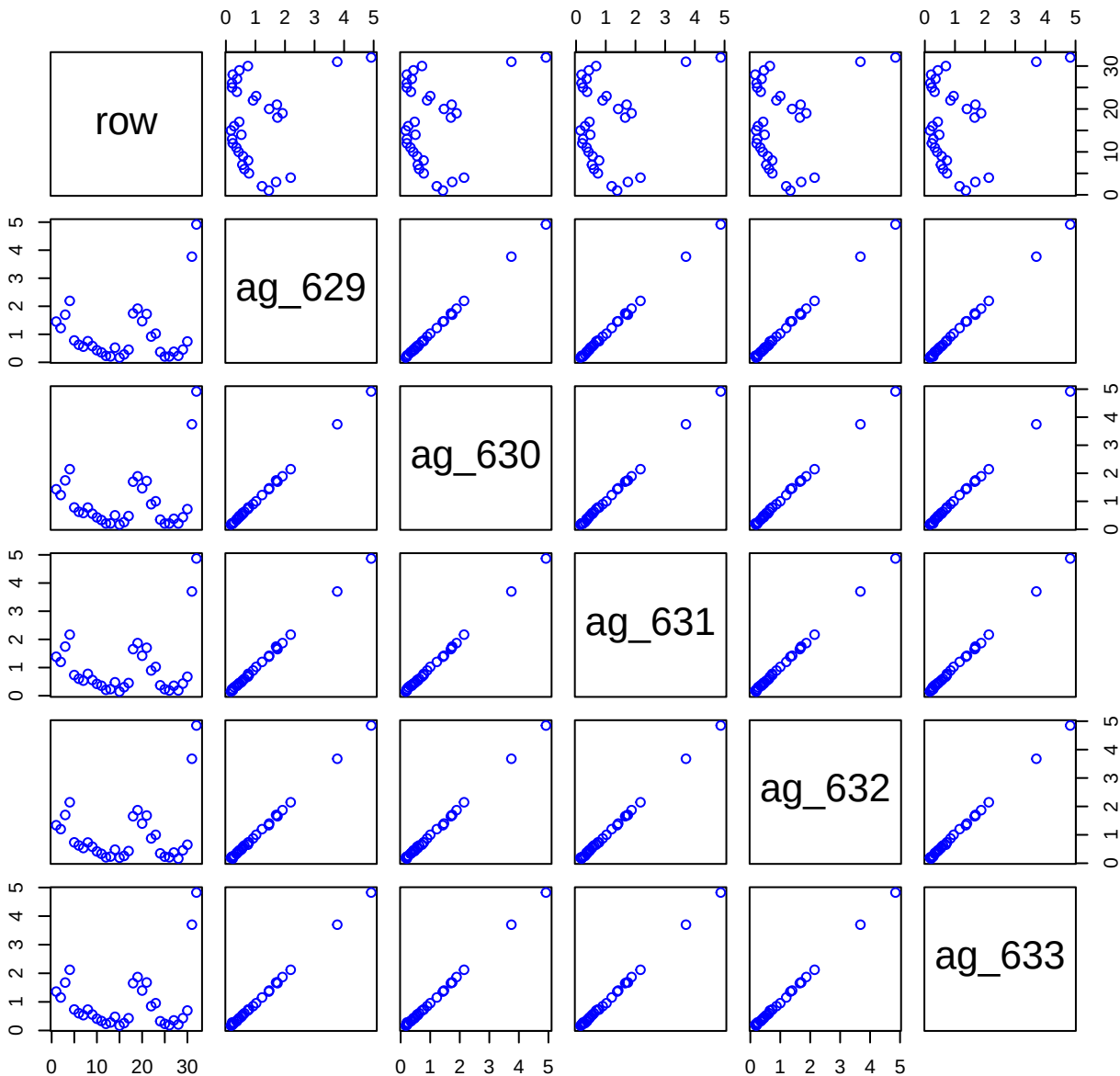
HF459-08 Plot 94



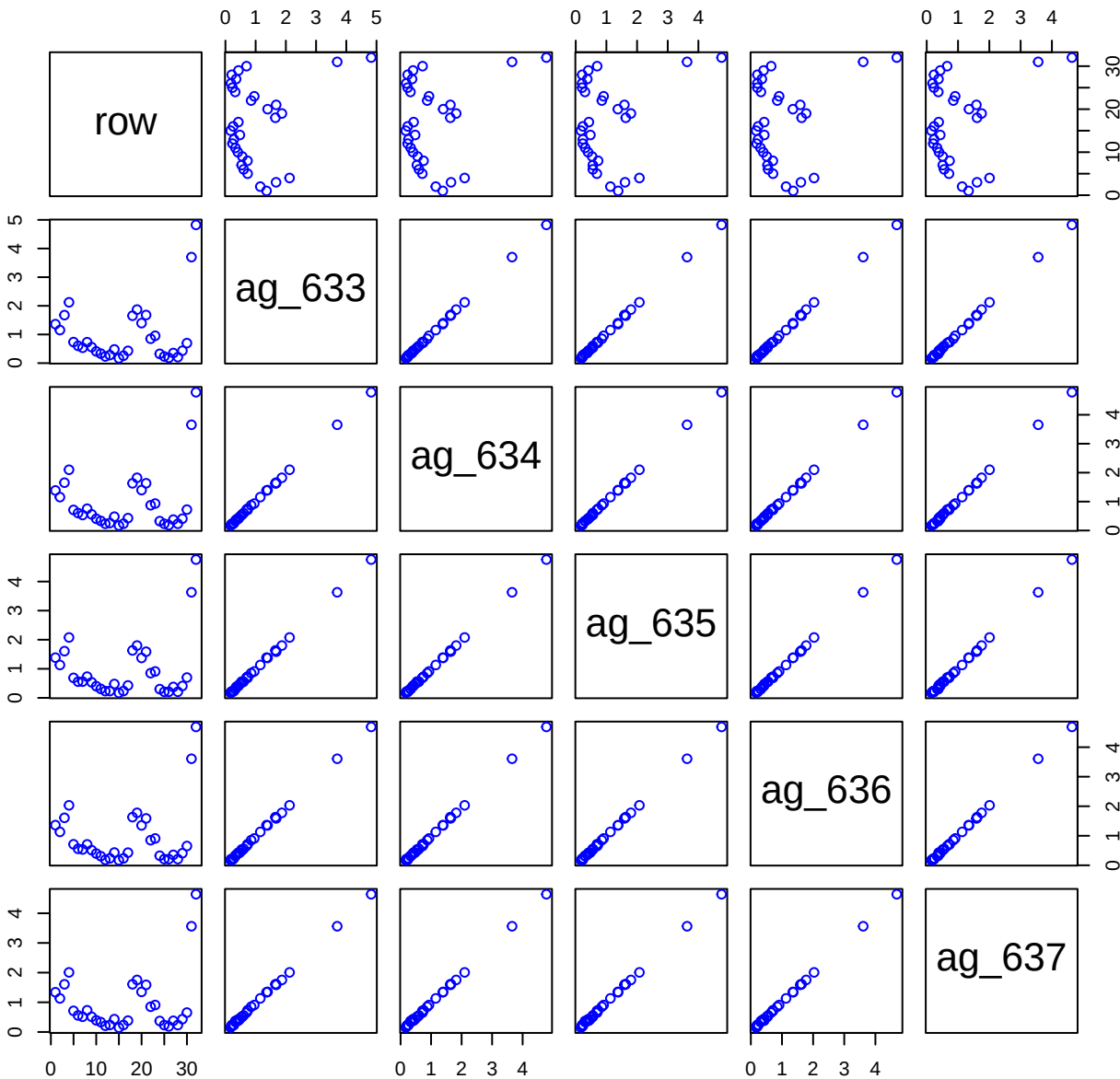
HF459-08 Plot 95



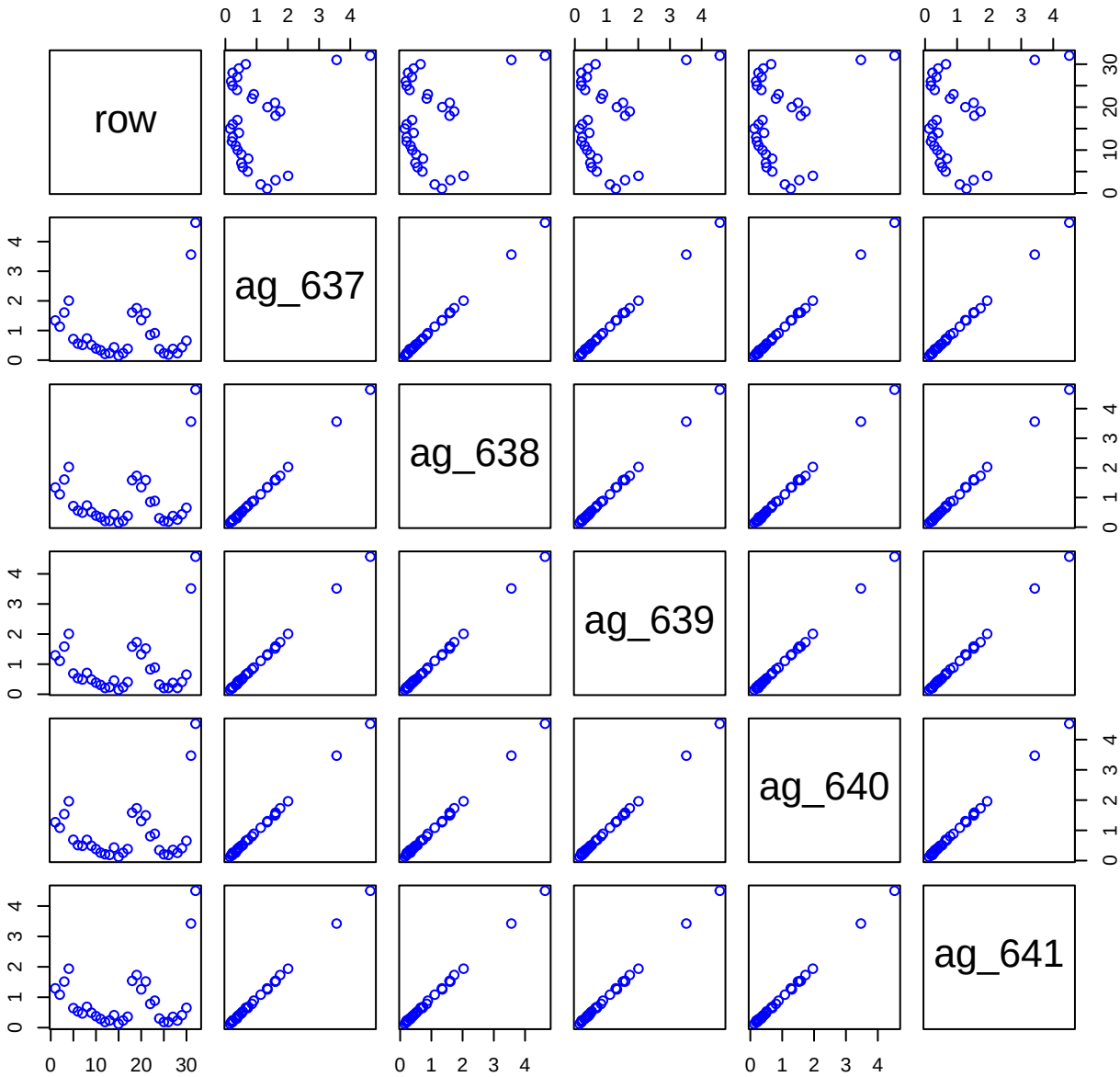
HF459-08 Plot 96



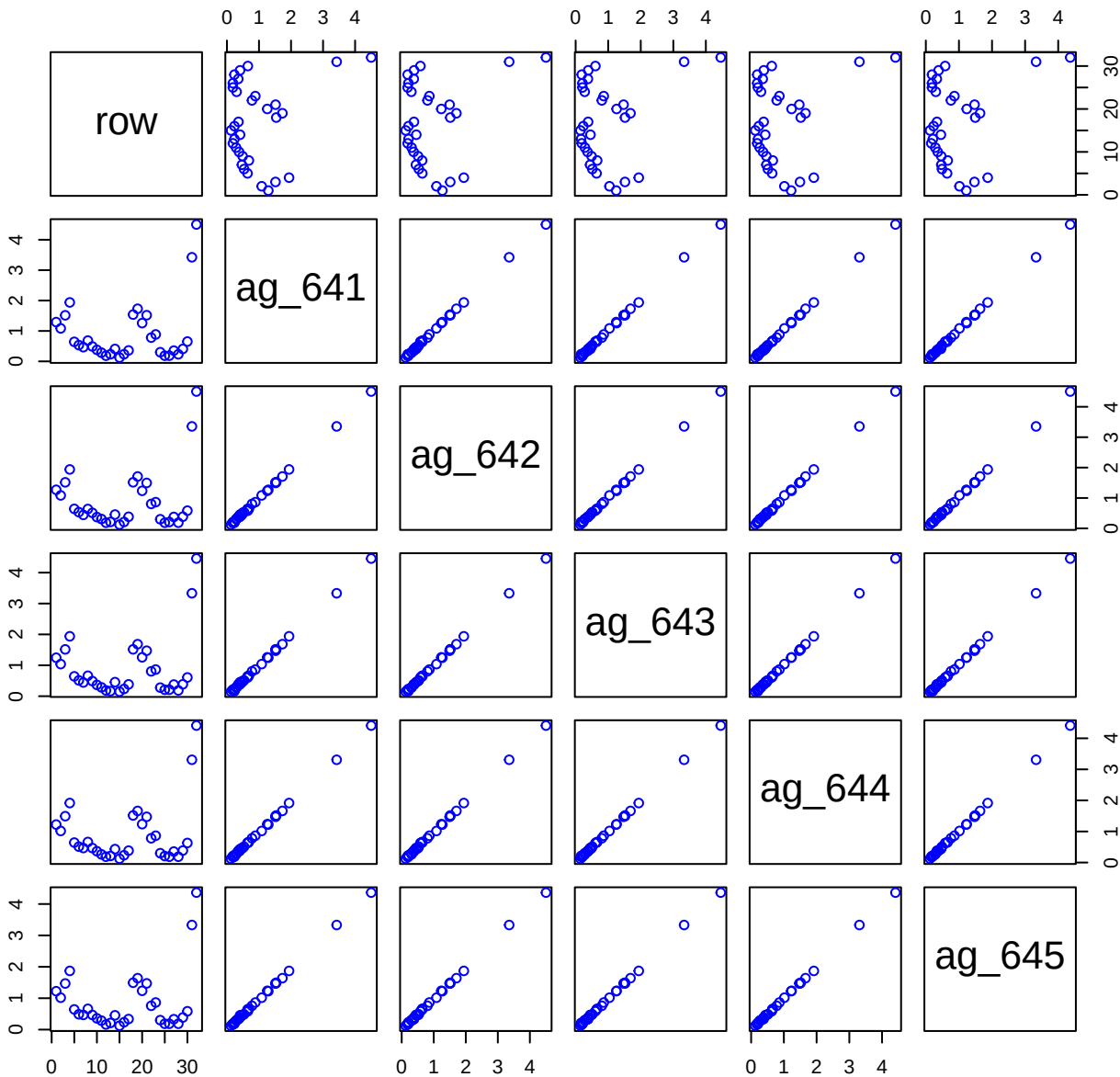
HF459-08 Plot 97



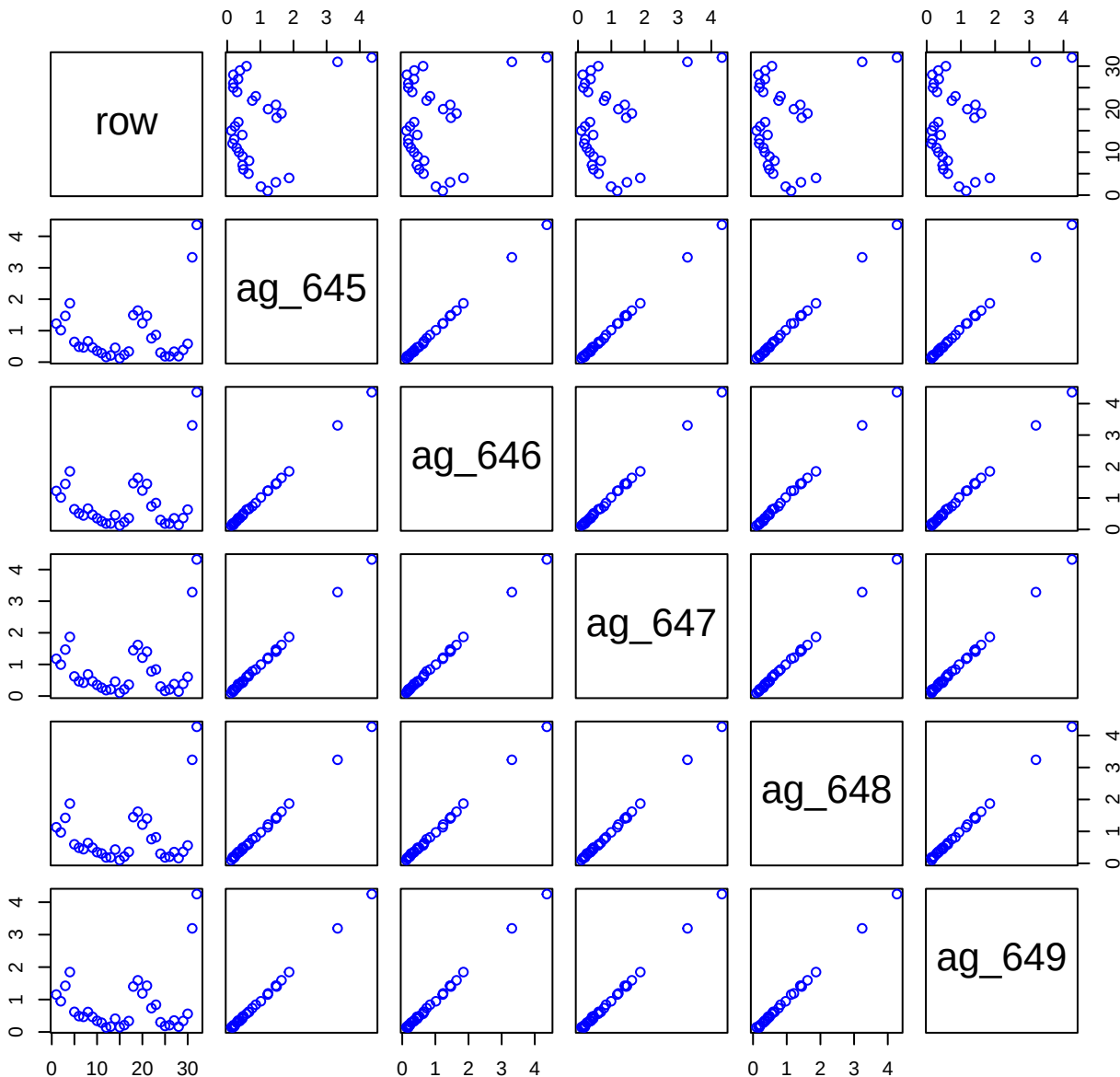
HF459-08 Plot 98



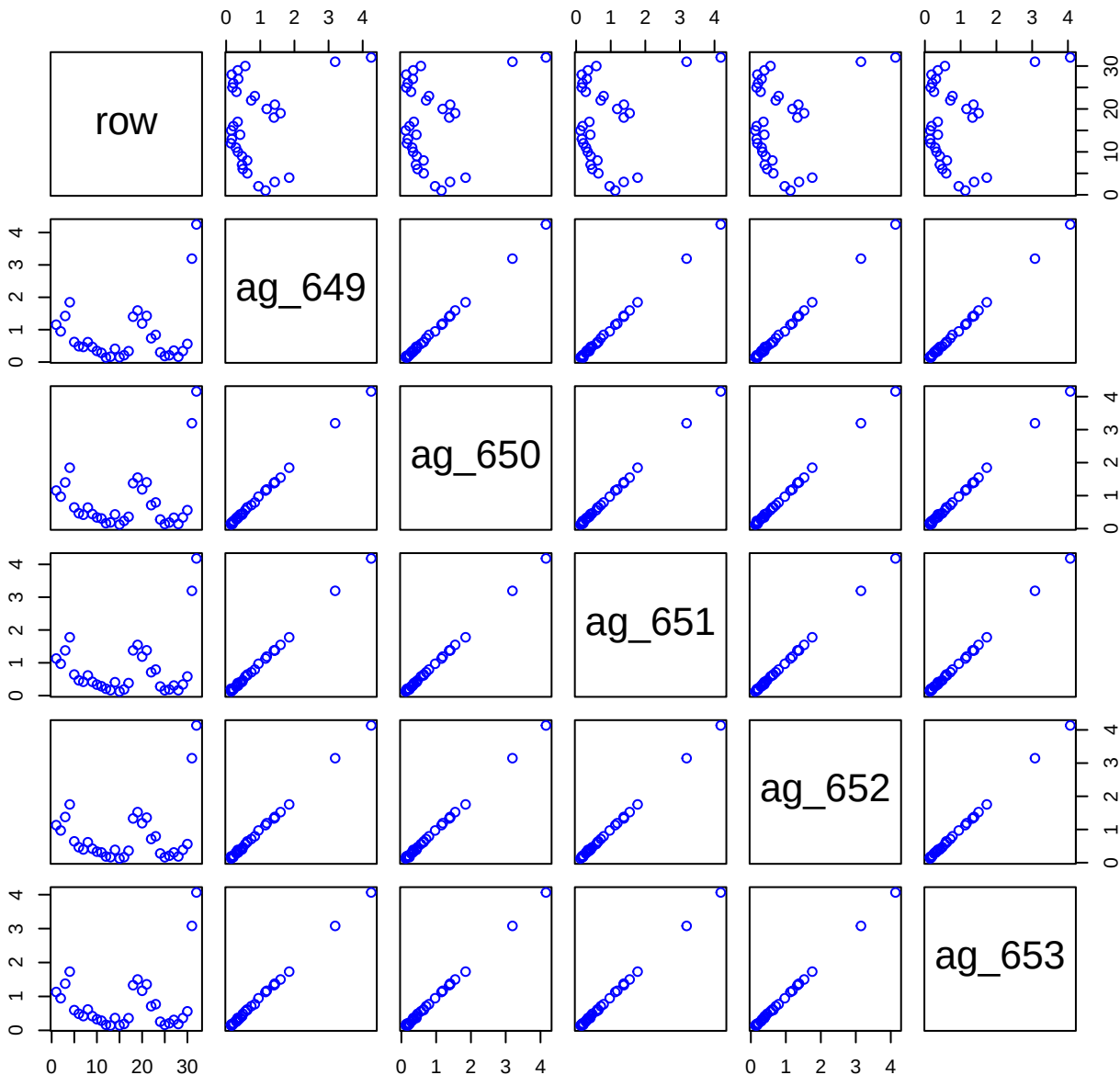
HF459-08 Plot 99



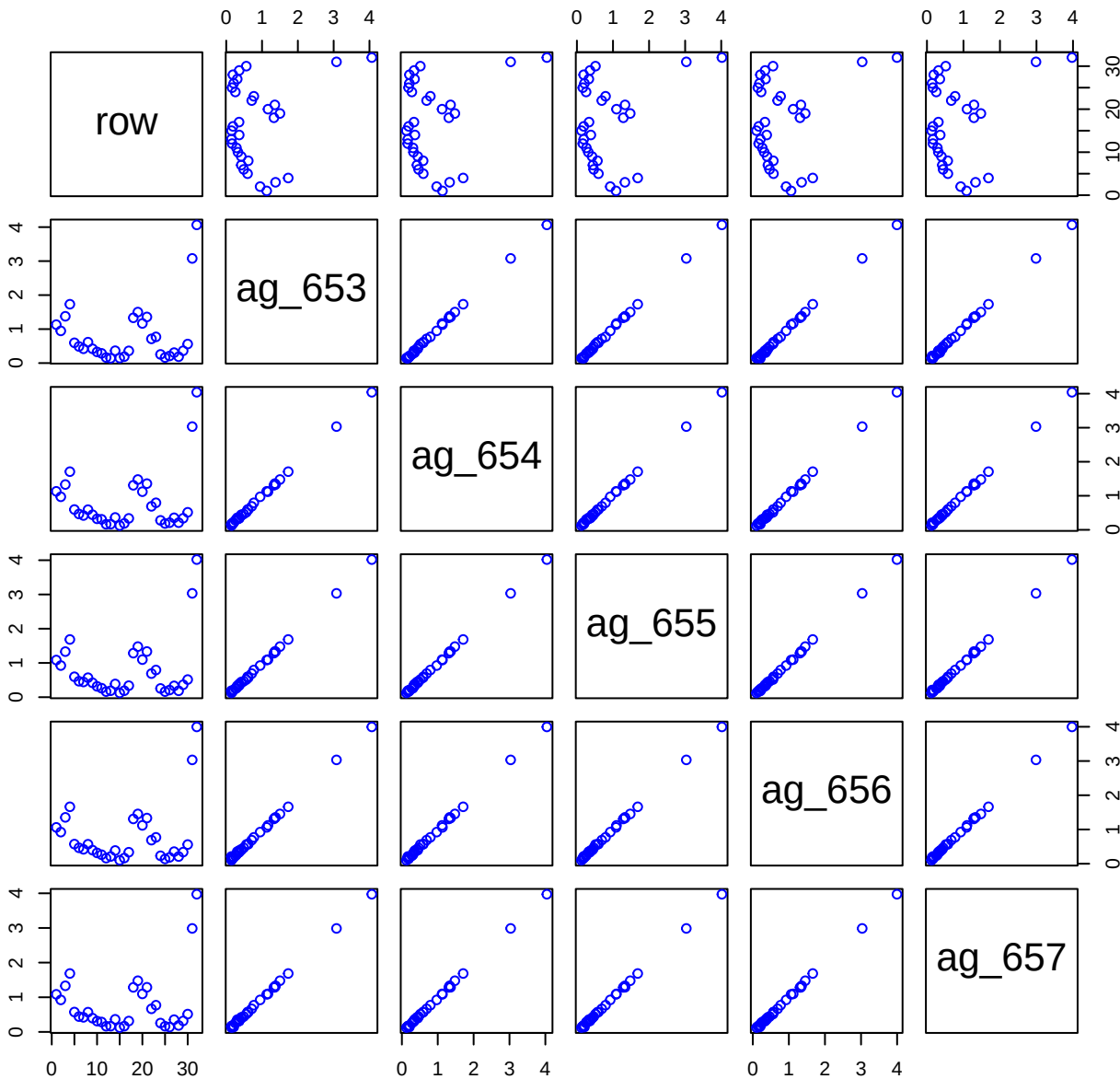
HF459-08 Plot 100



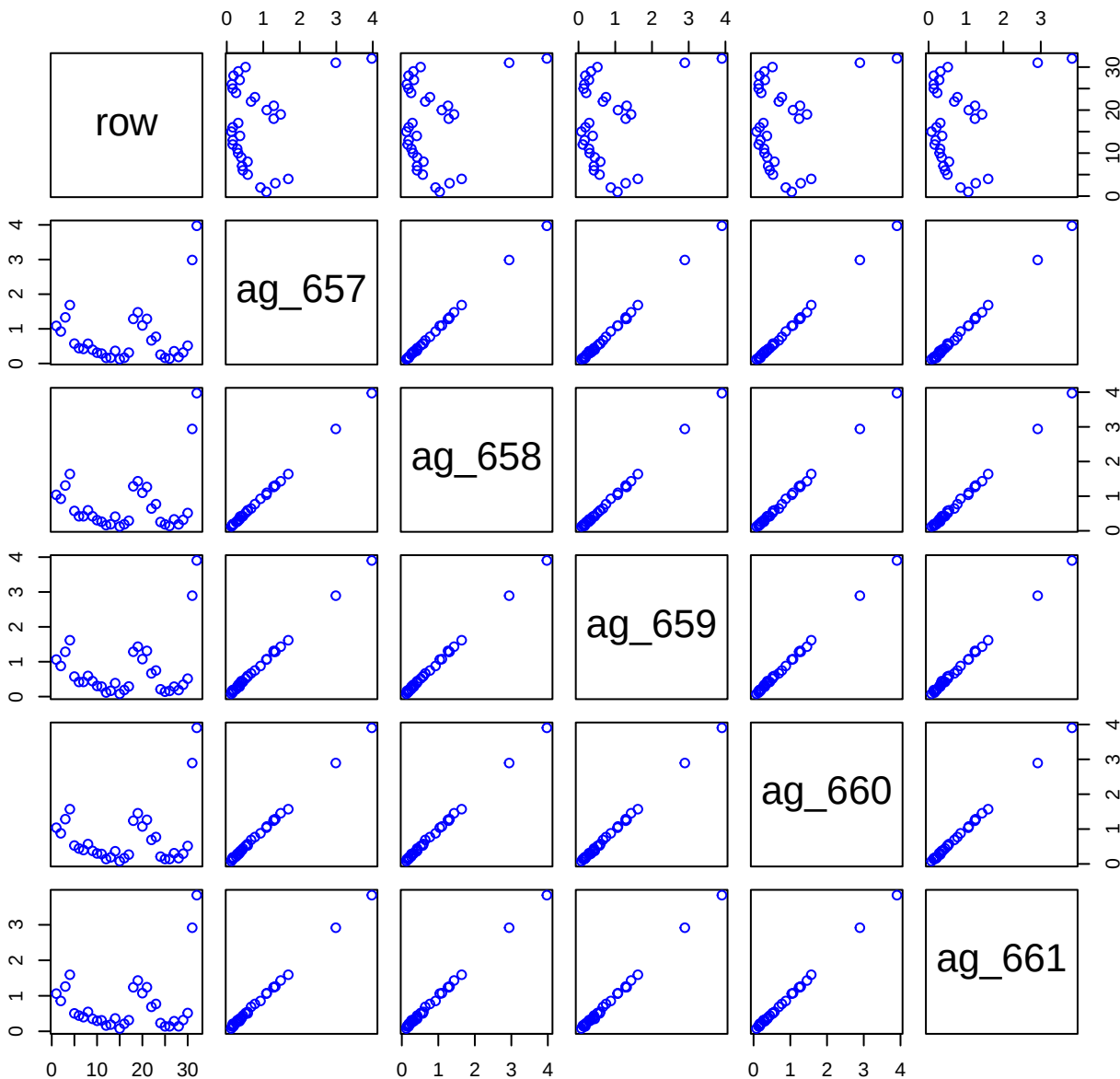
HF459-08 Plot 101



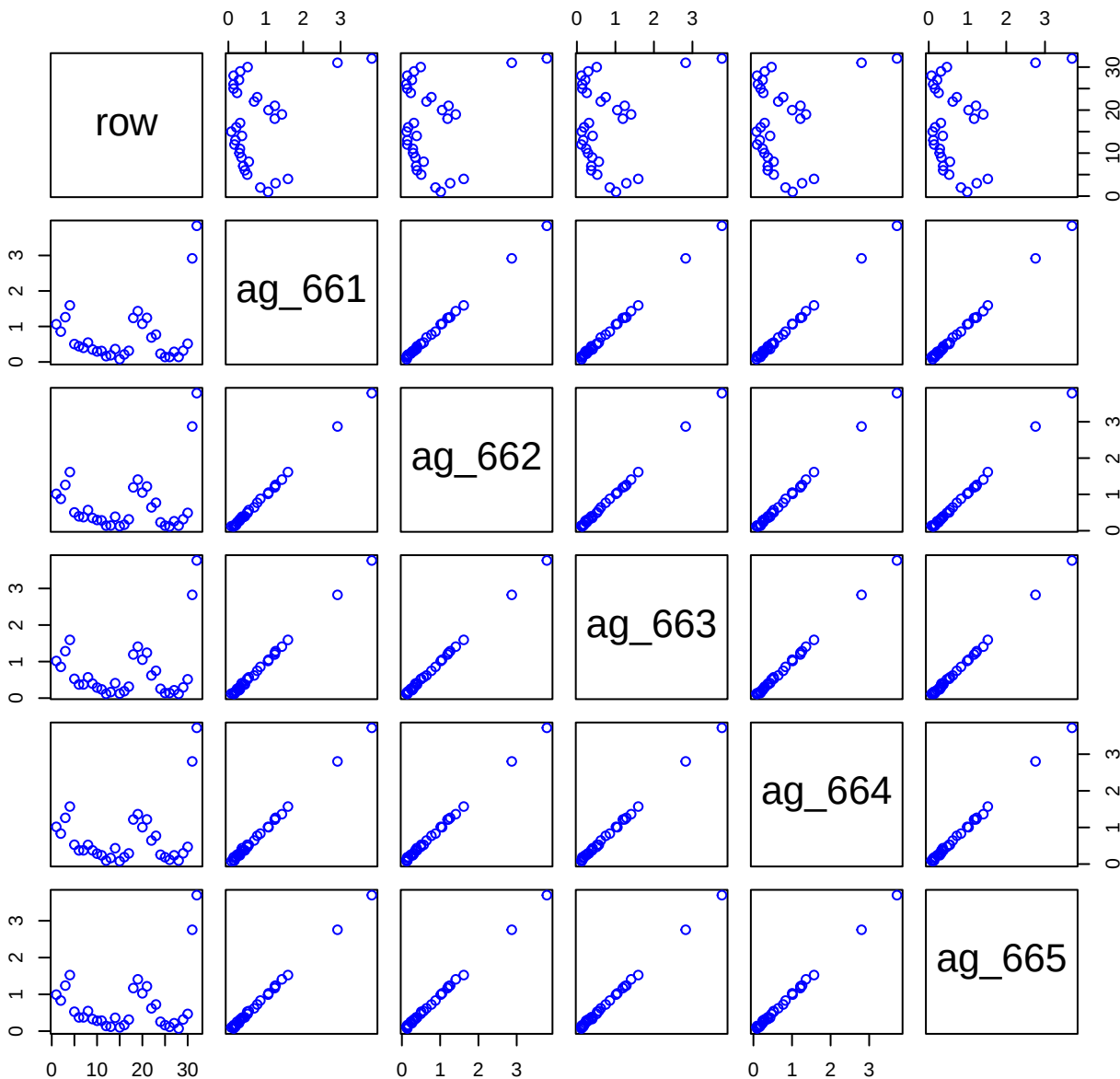
HF459-08 Plot 102



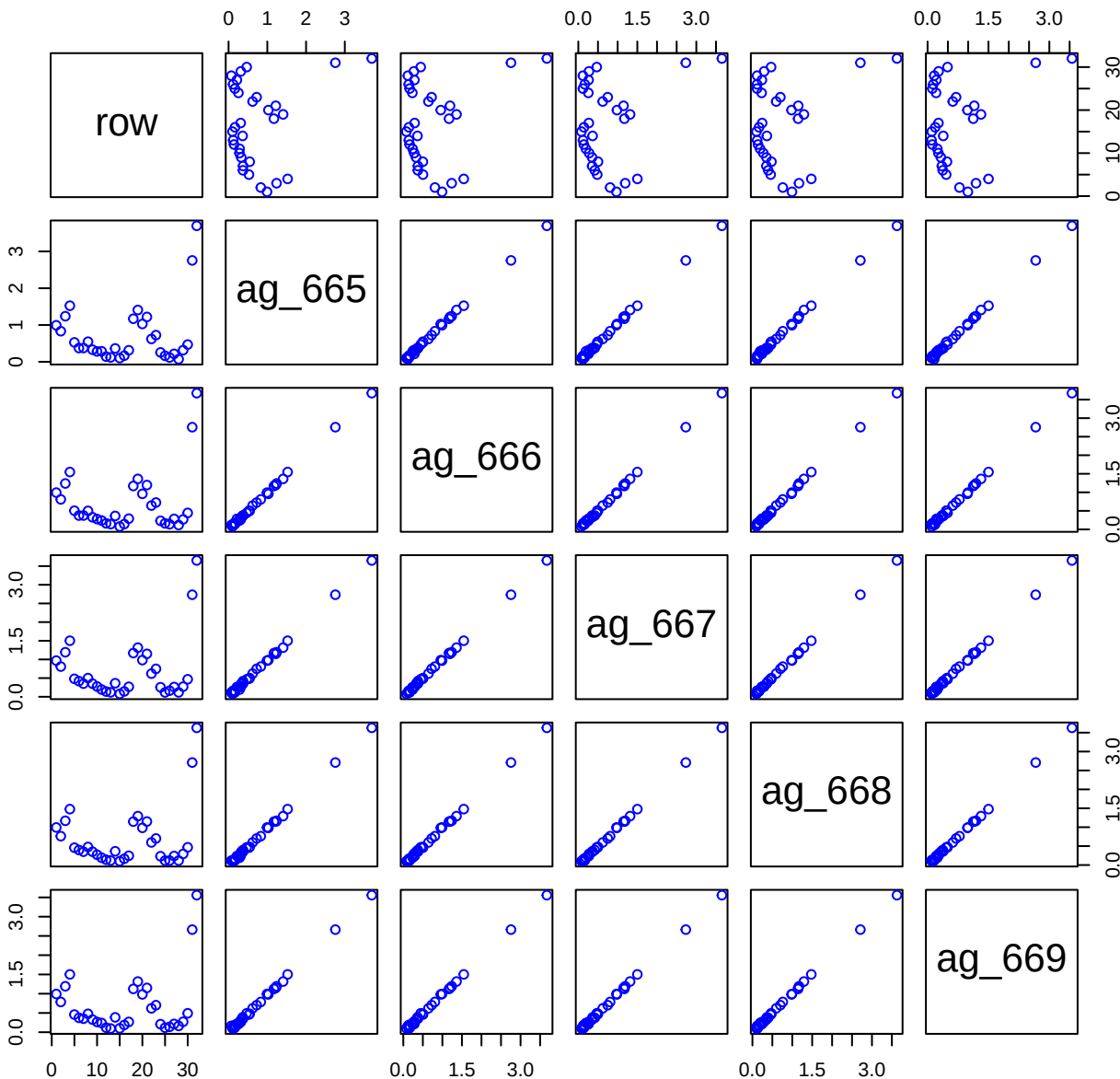
HF459-08 Plot 103



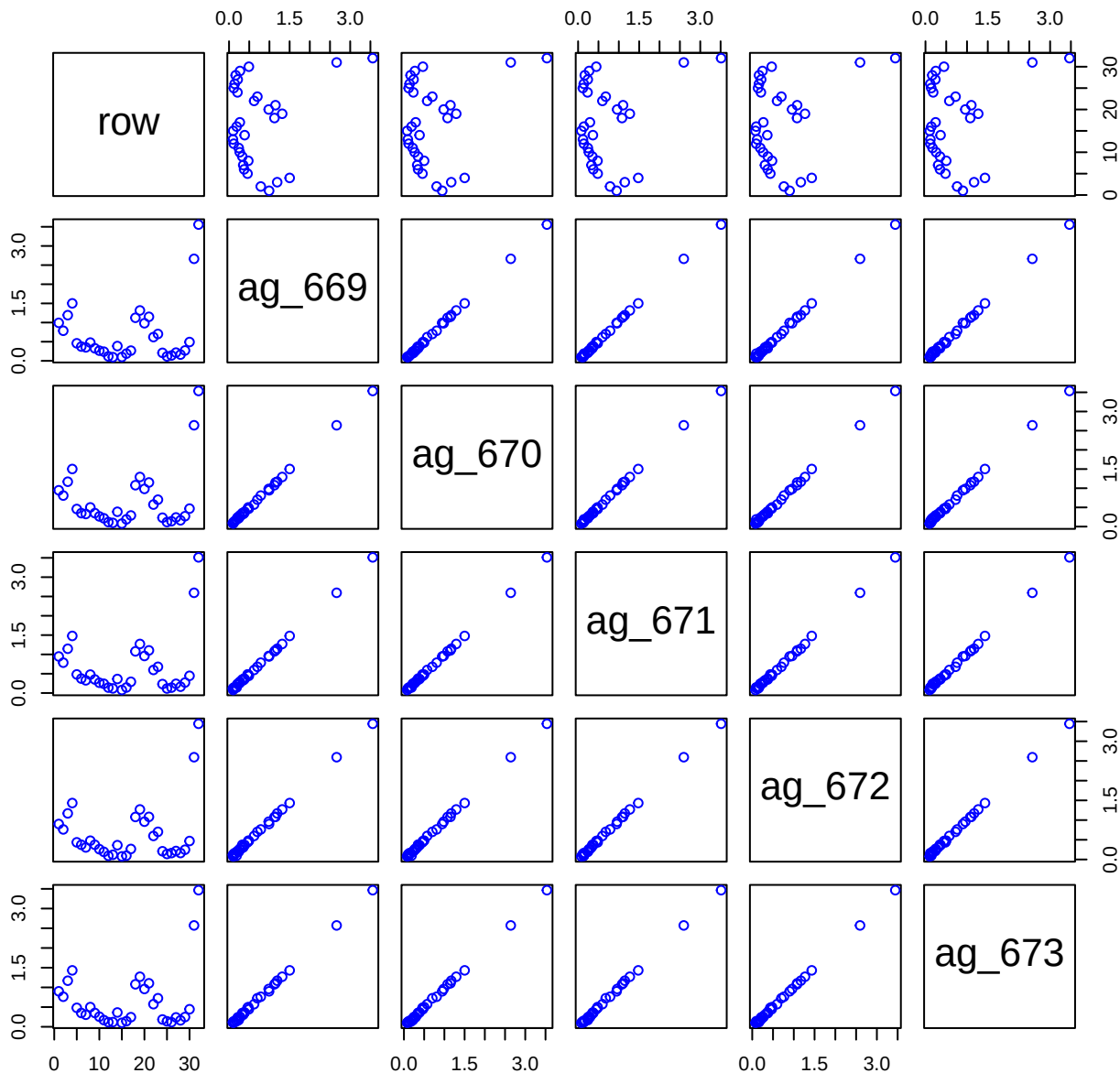
HF459-08 Plot 104



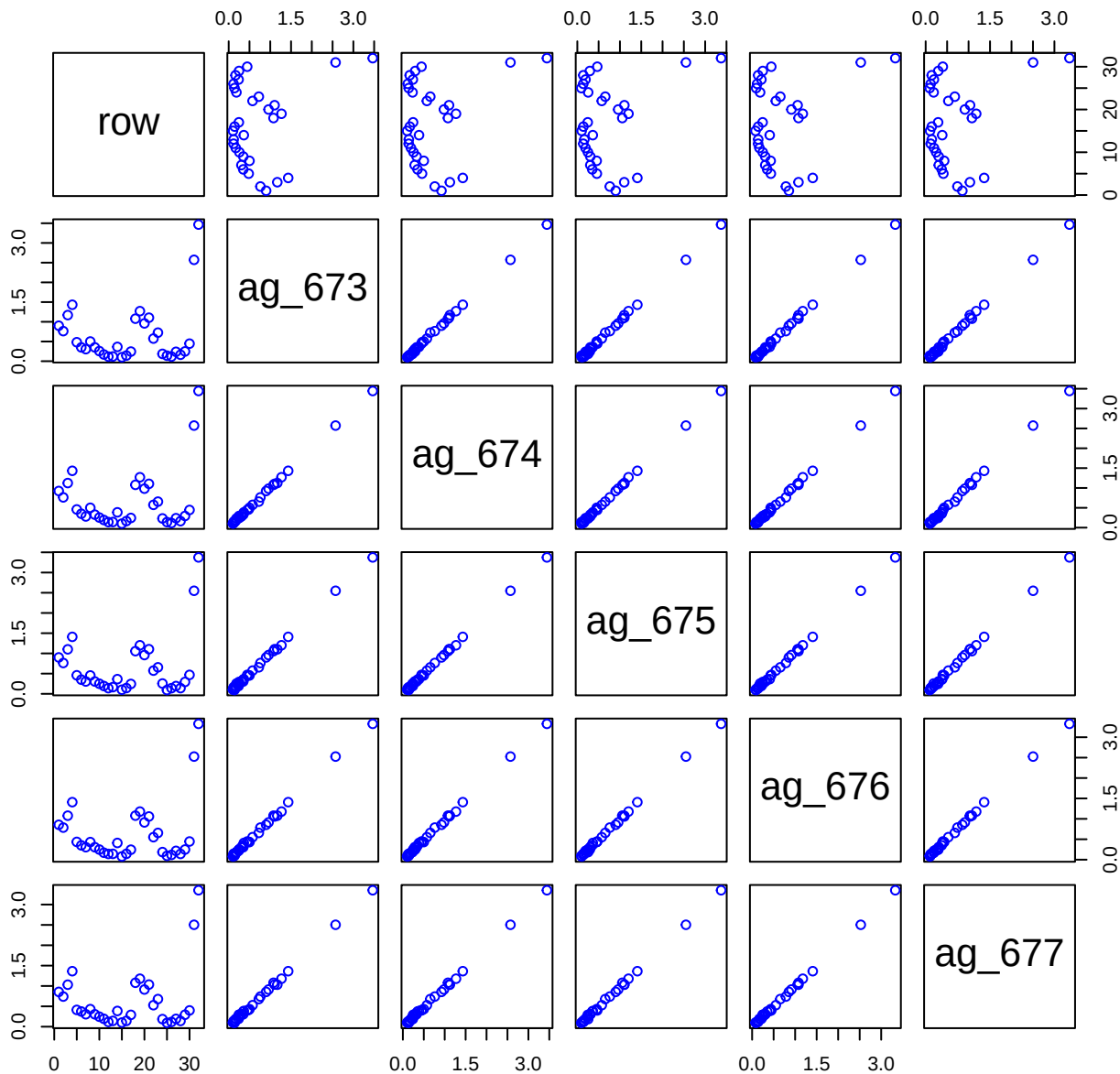
HF459-08 Plot 105



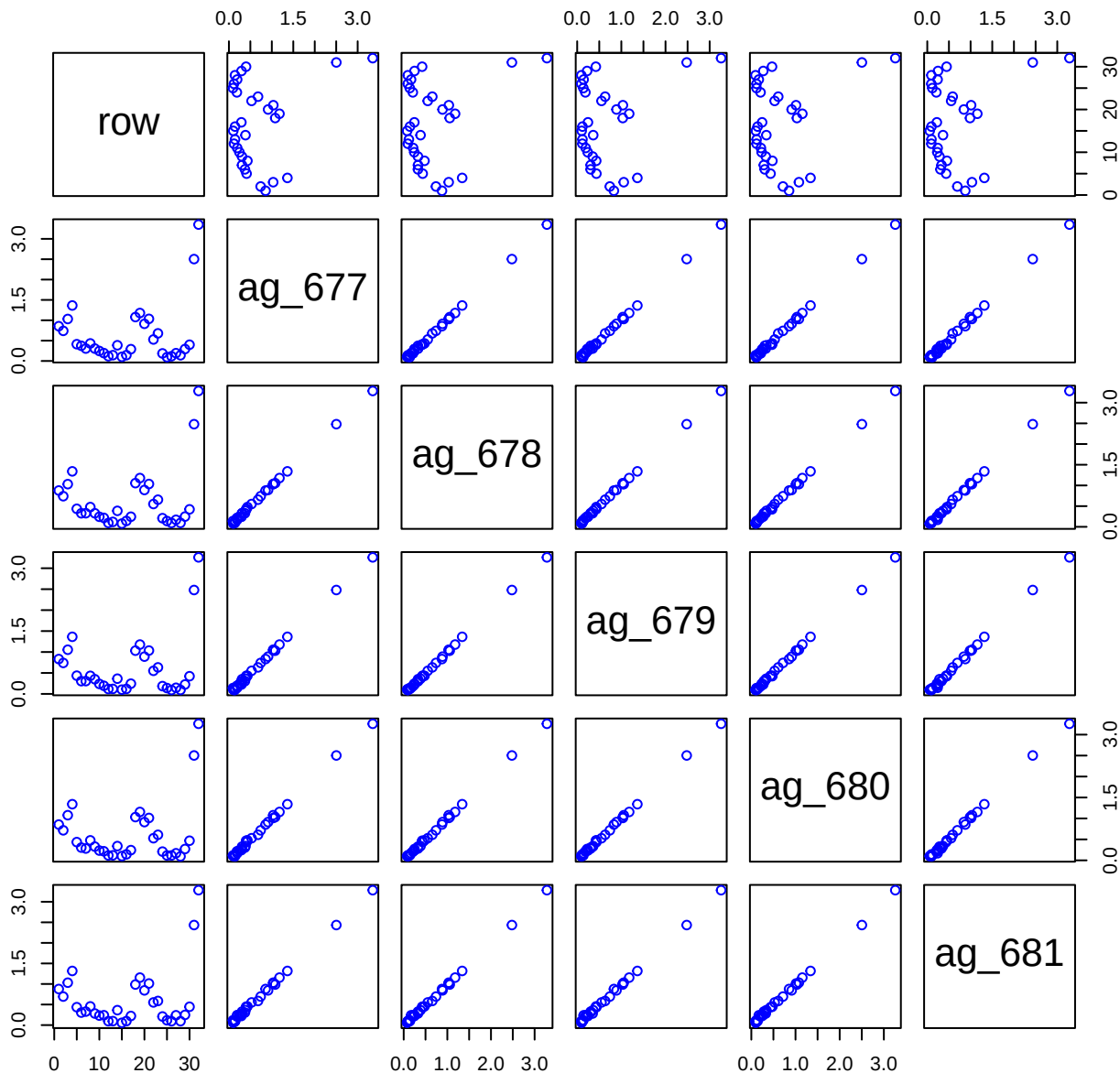
HF459-08 Plot 106



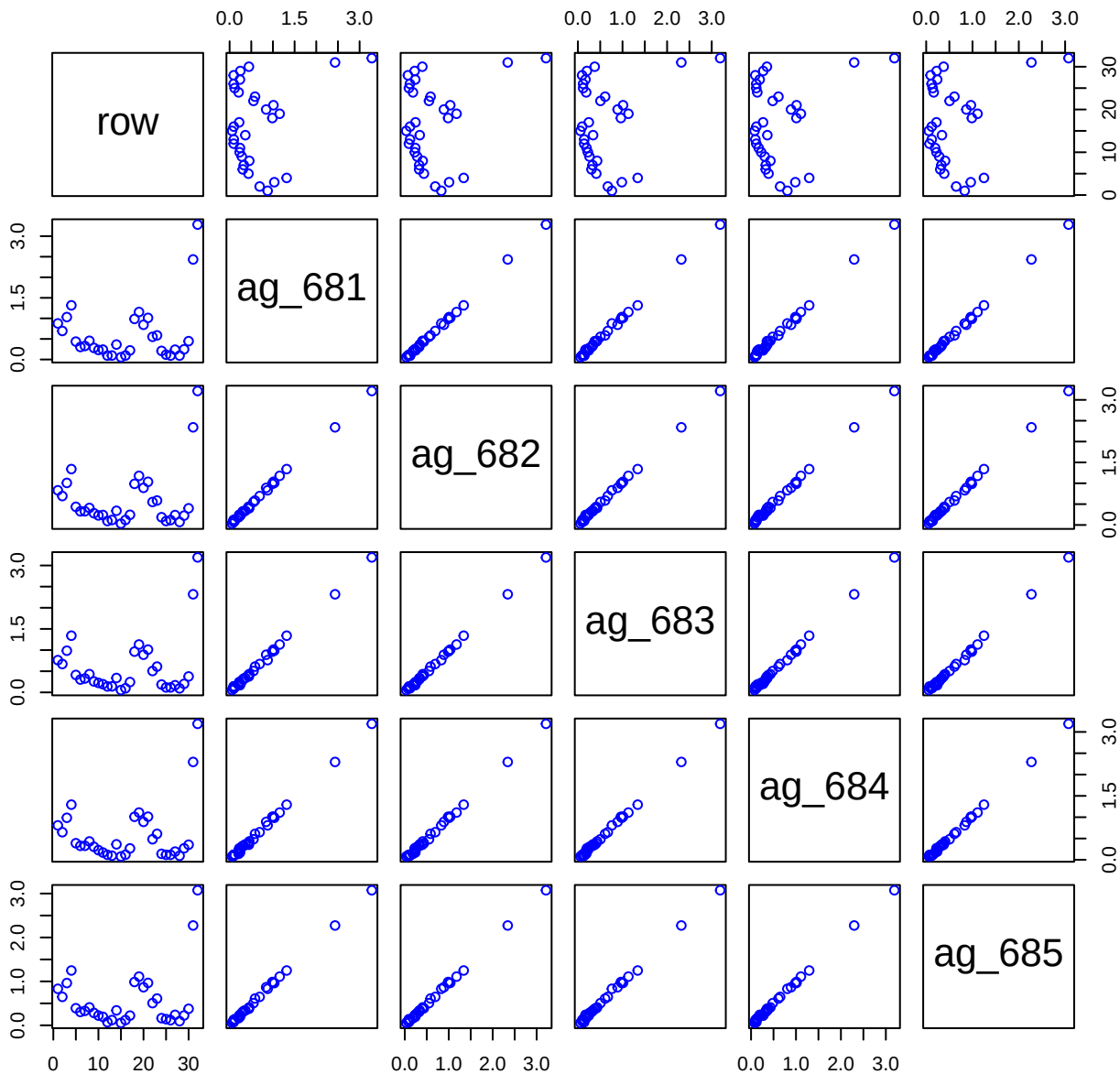
HF459-08 Plot 107



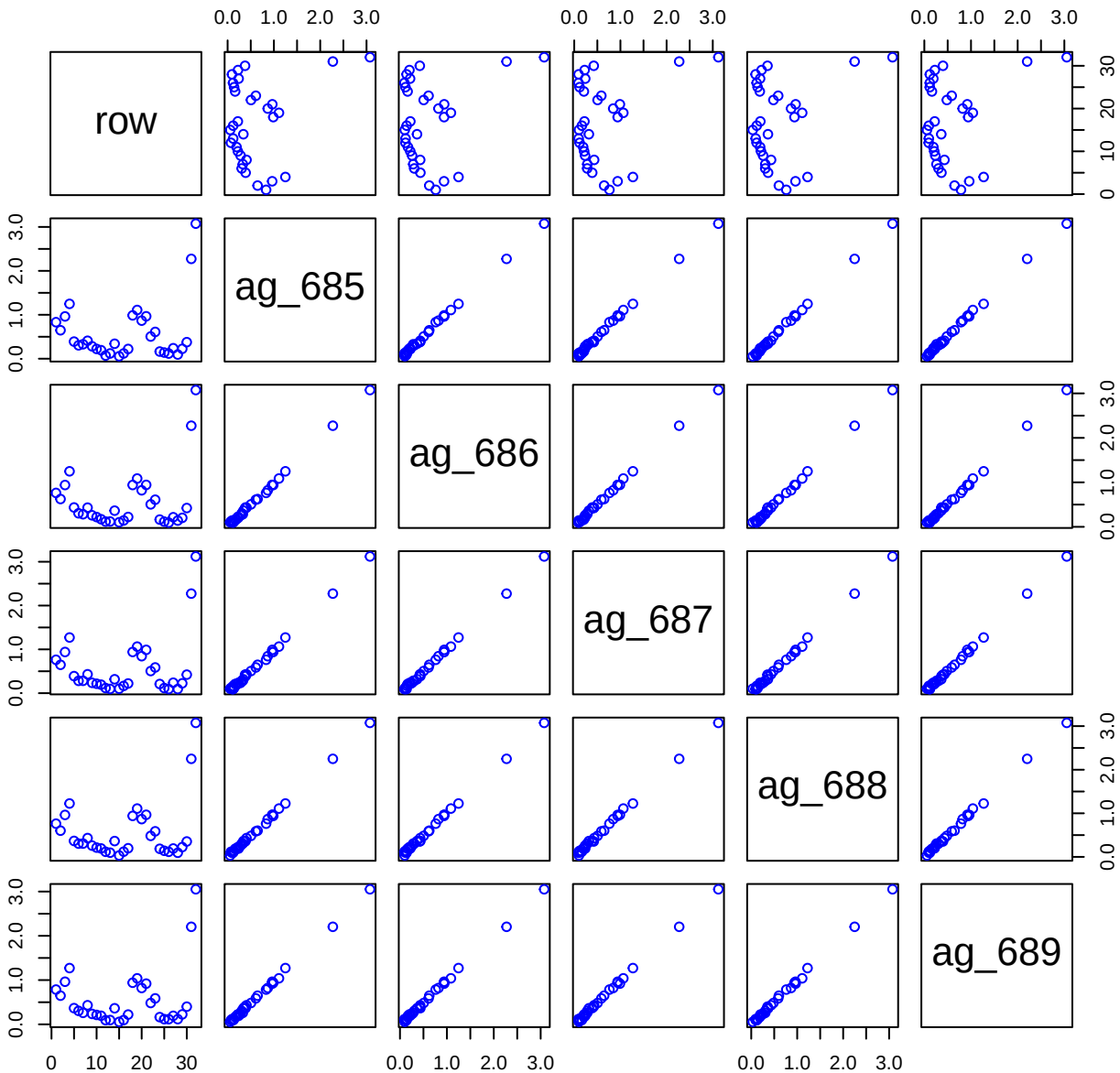
HF459-08 Plot 108



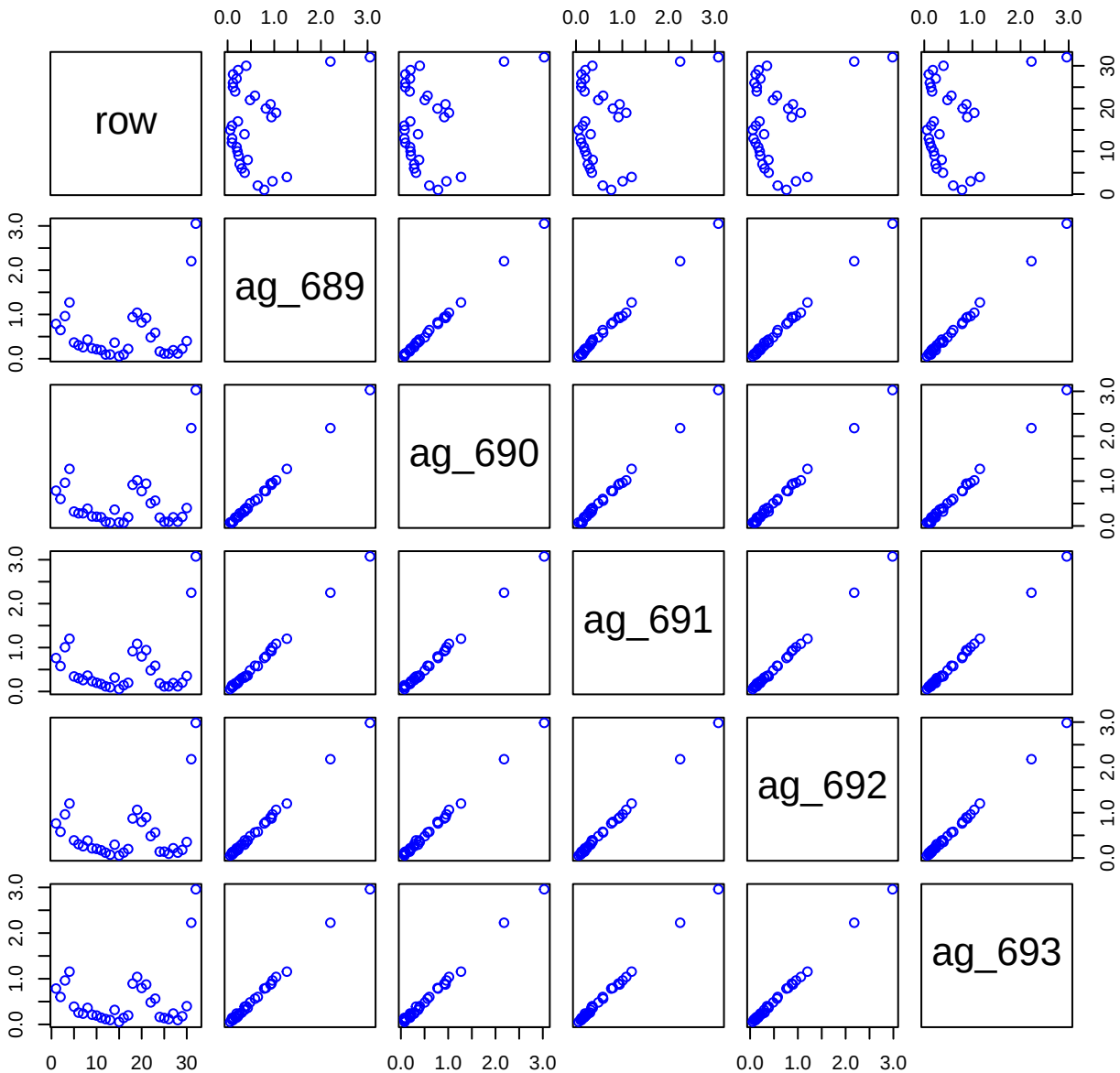
HF459-08 Plot 109



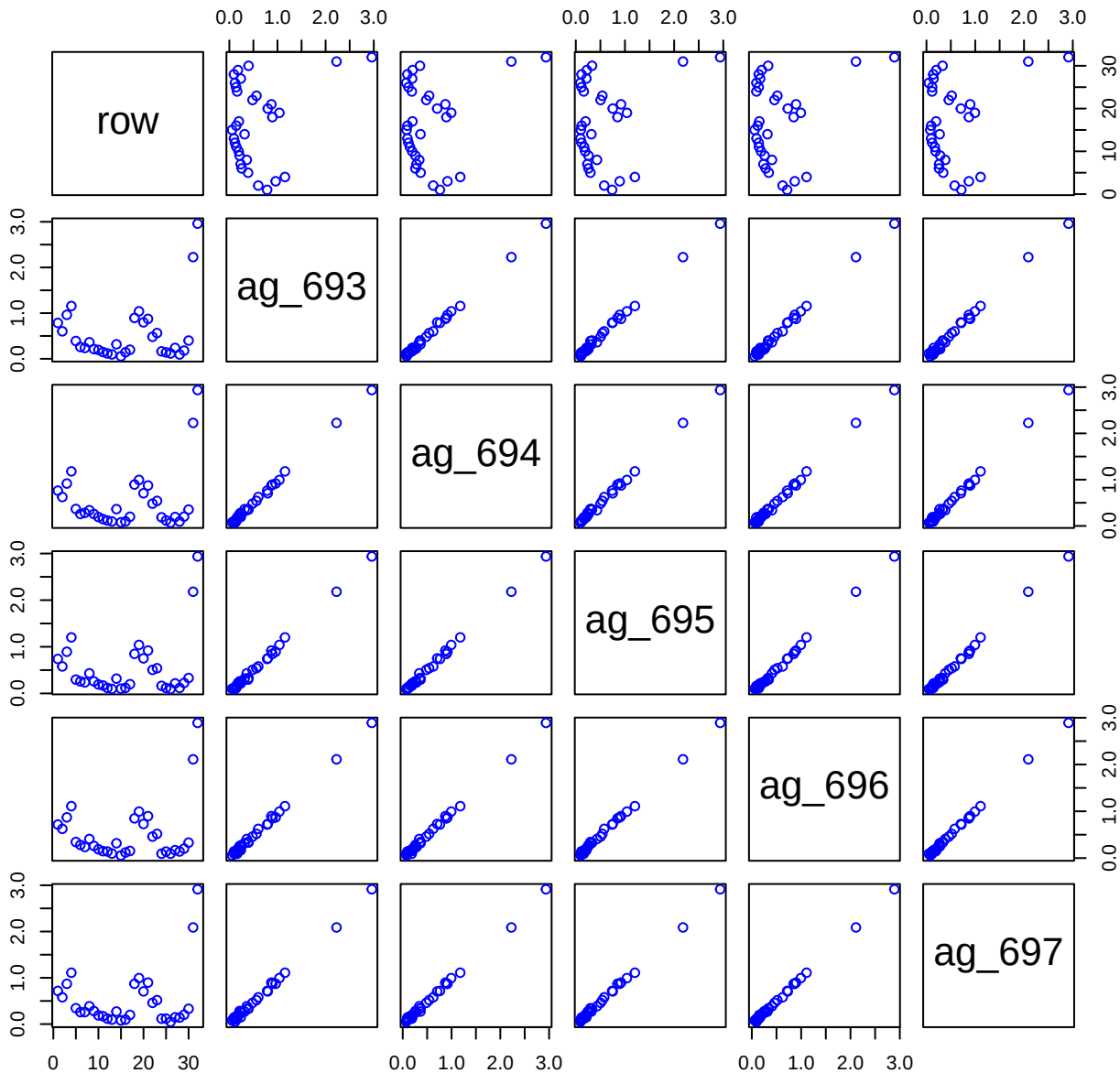
HF459-08 Plot 110



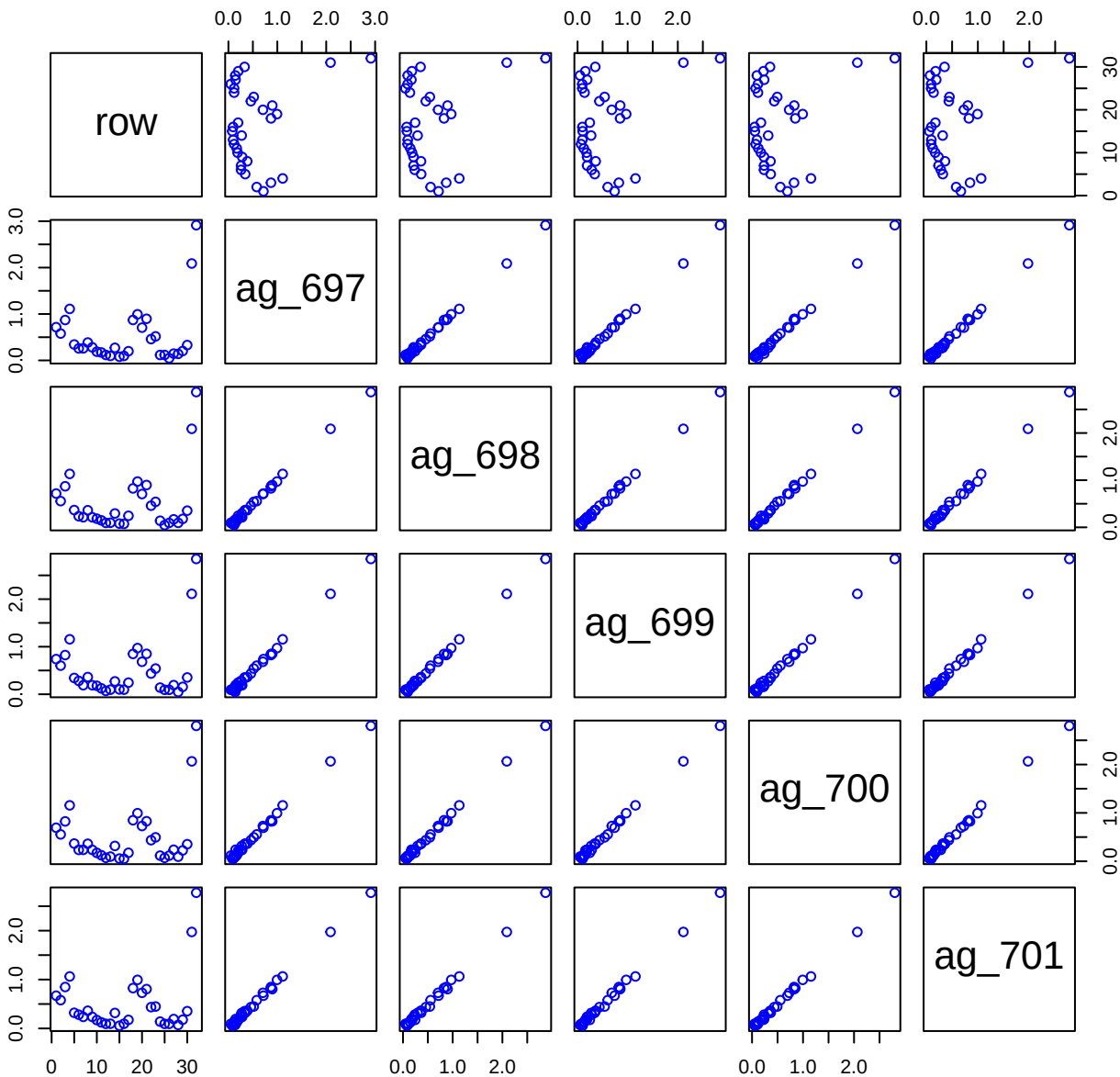
HF459-08 Plot 111



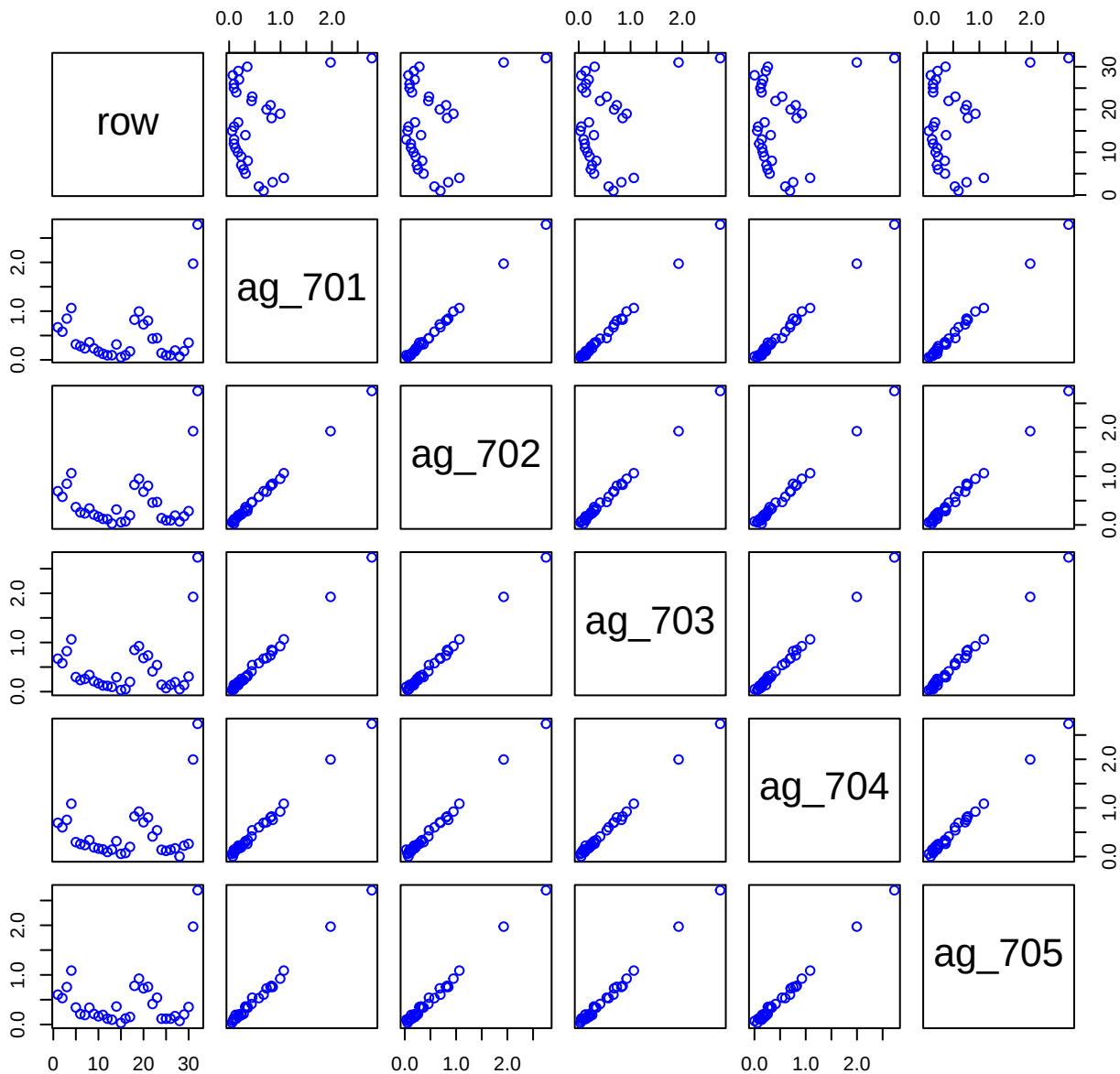
HF459-08 Plot 112



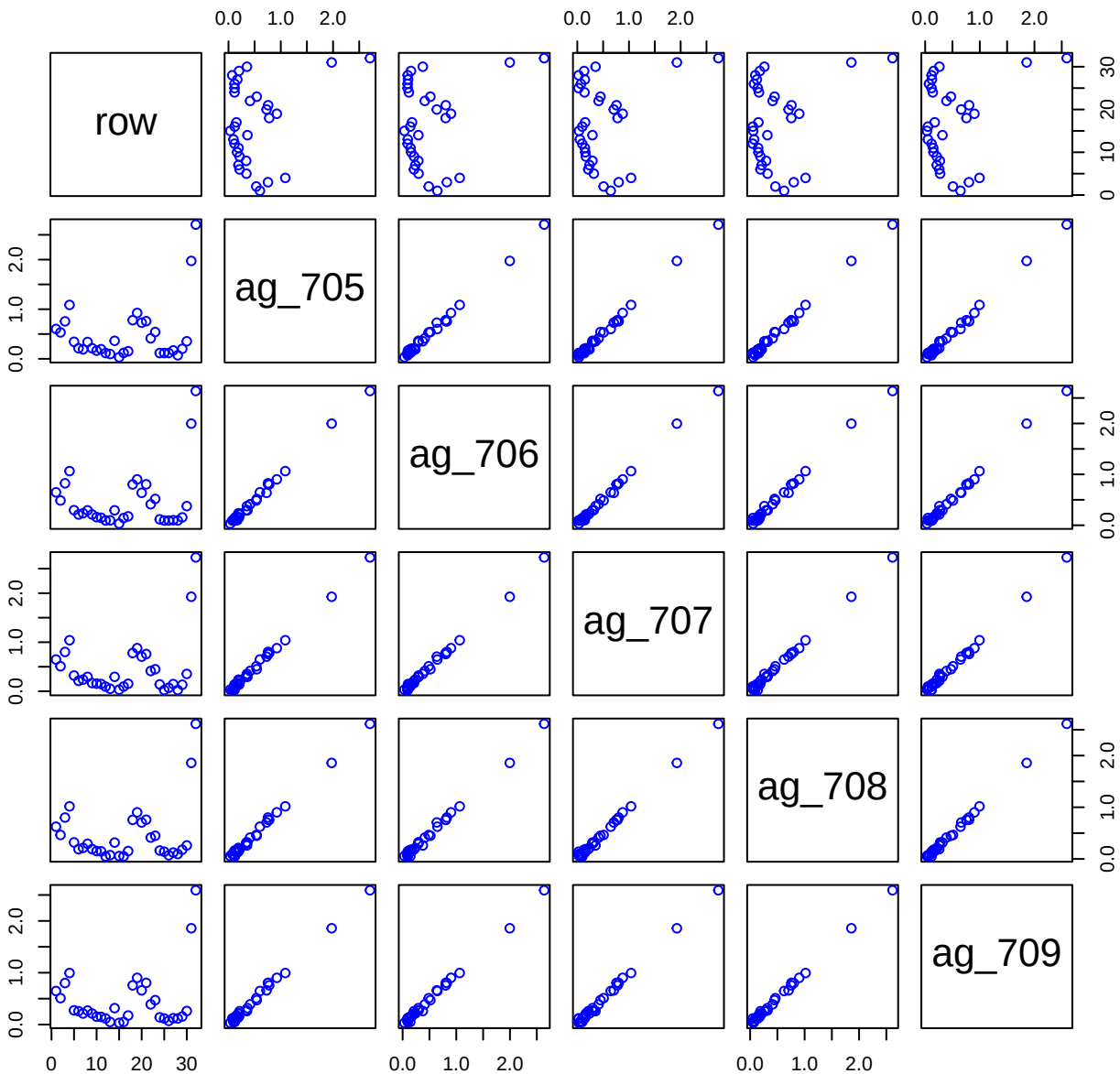
HF459-08 Plot 113



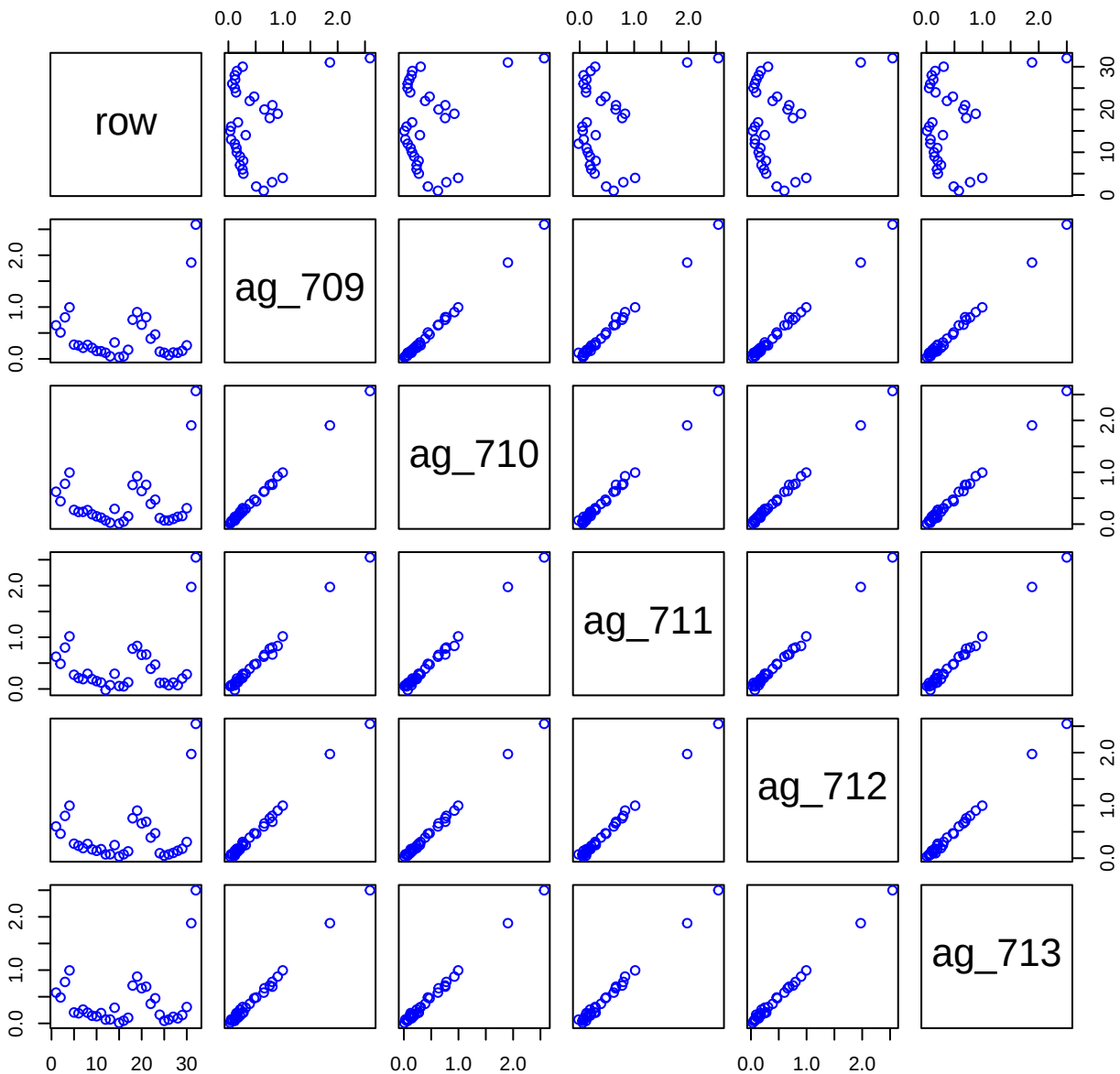
HF459-08 Plot 114



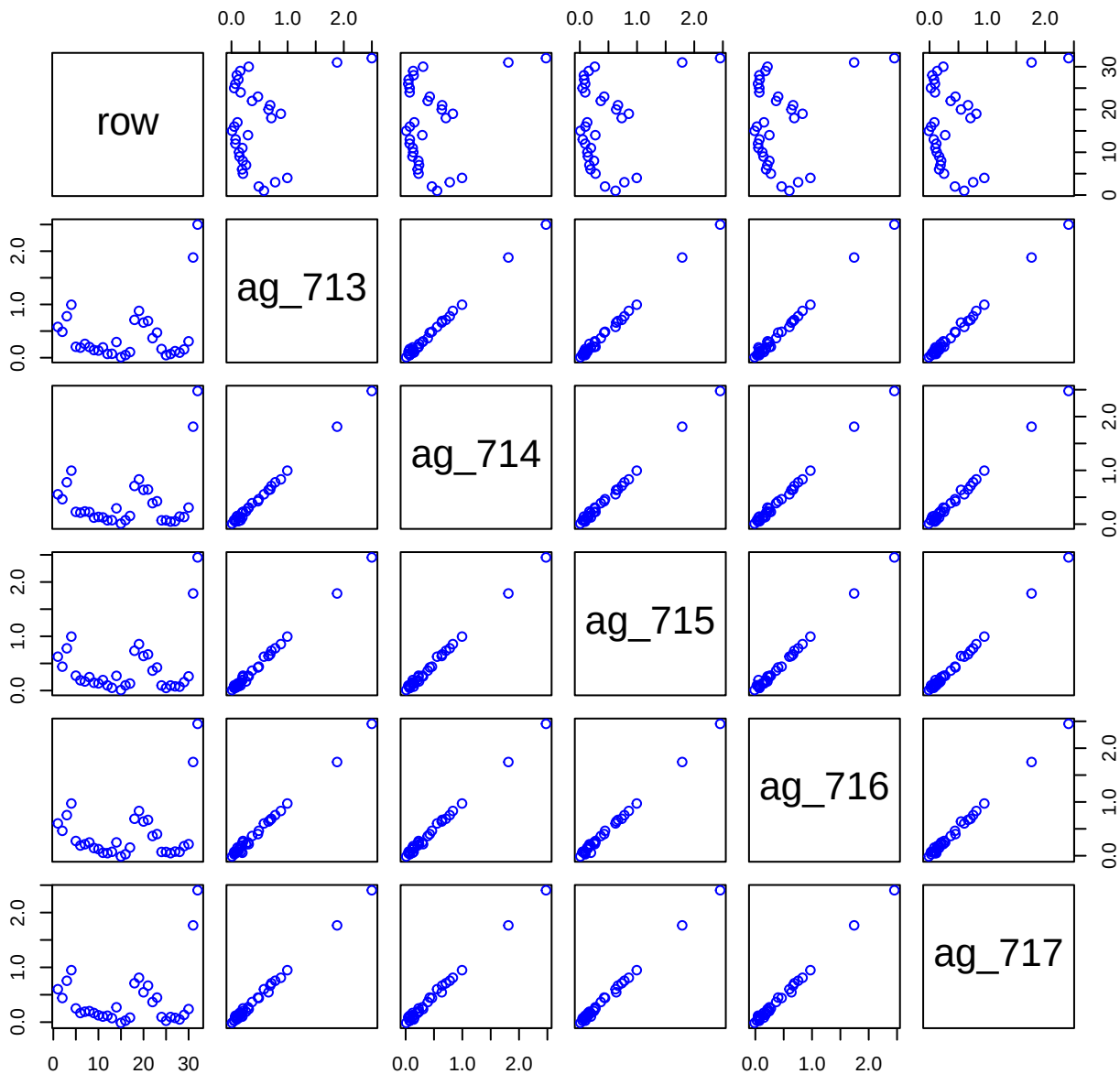
HF459-08 Plot 115



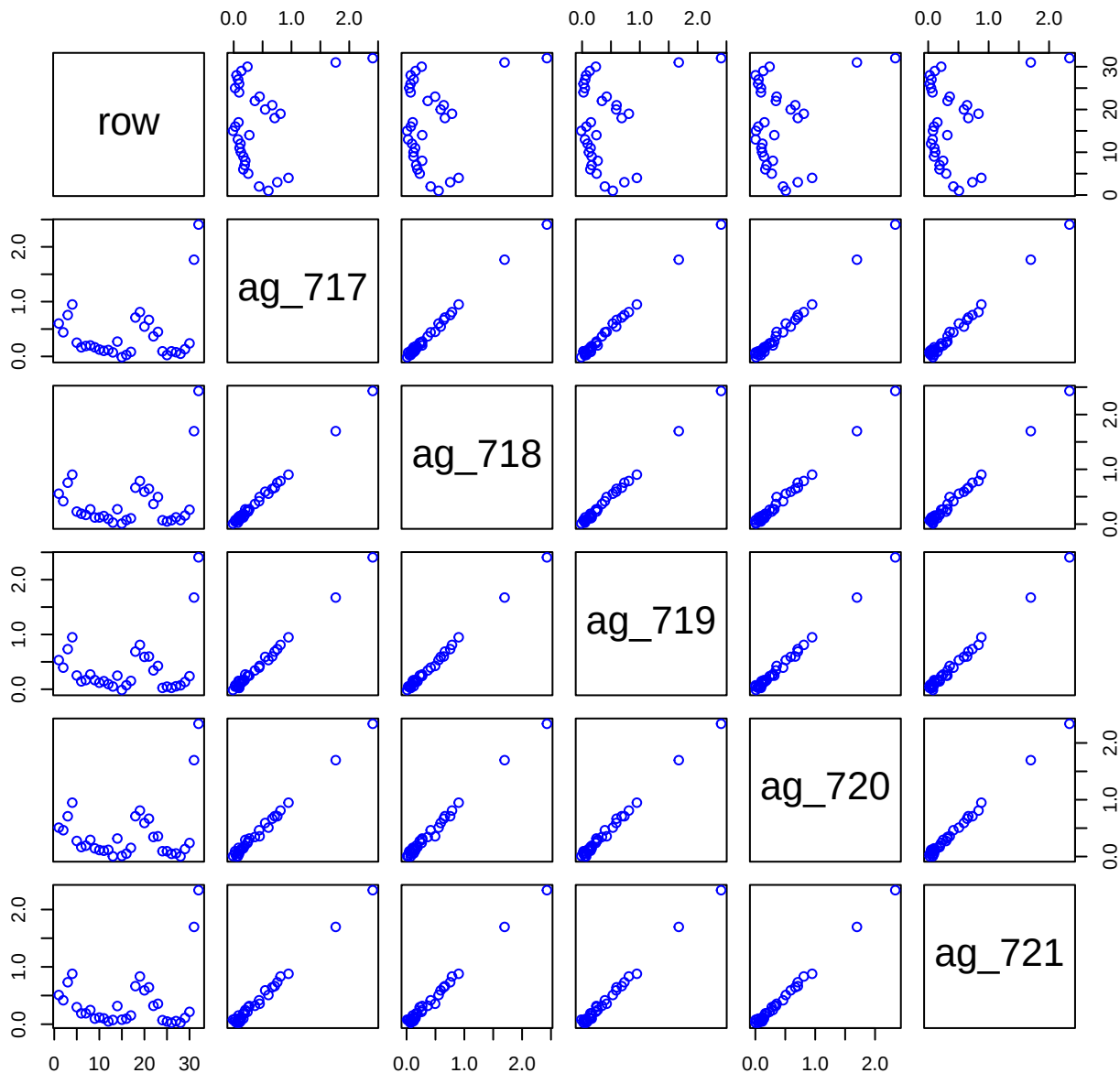
HF459-08 Plot 116



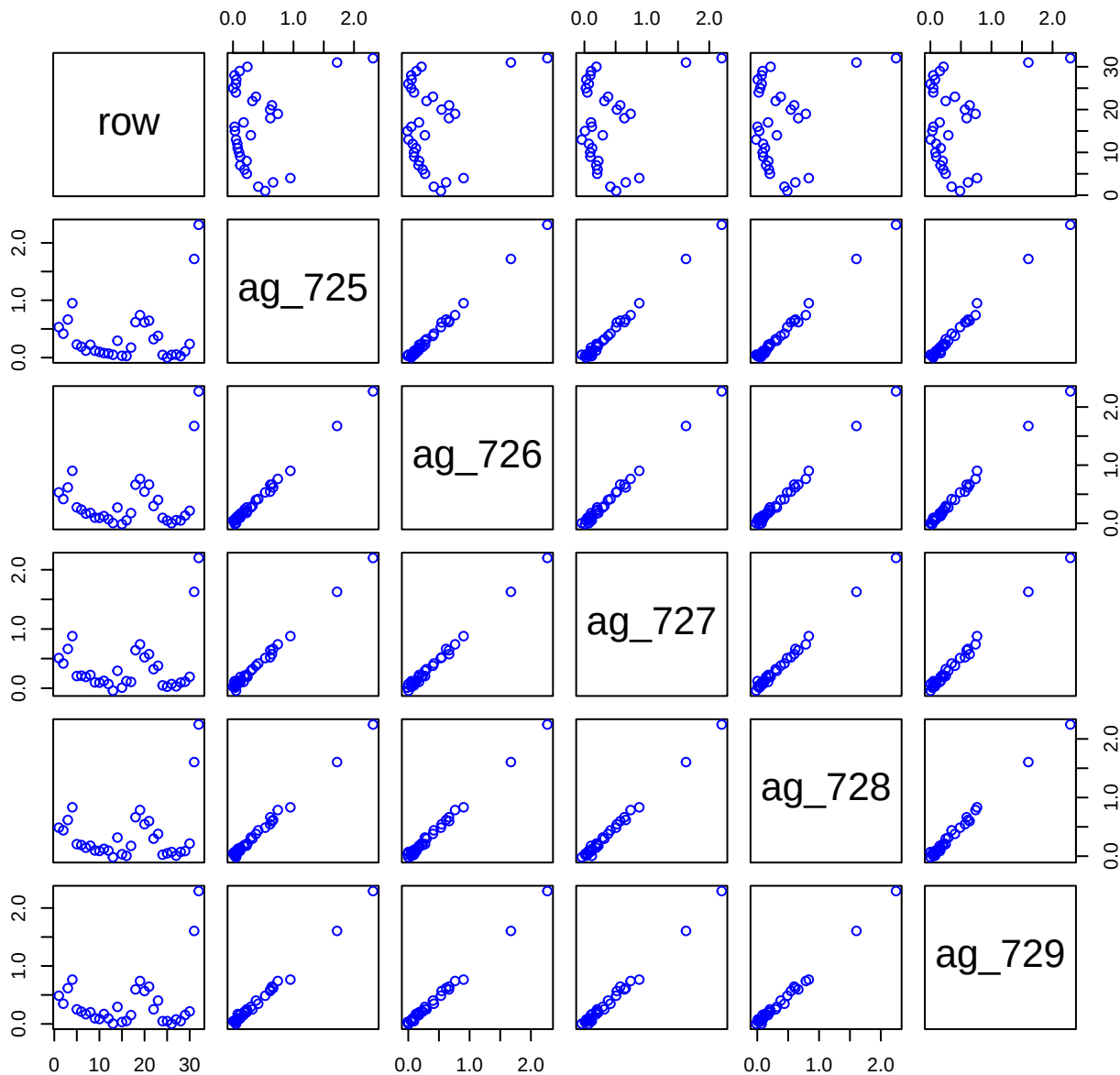
HF459-08 Plot 117



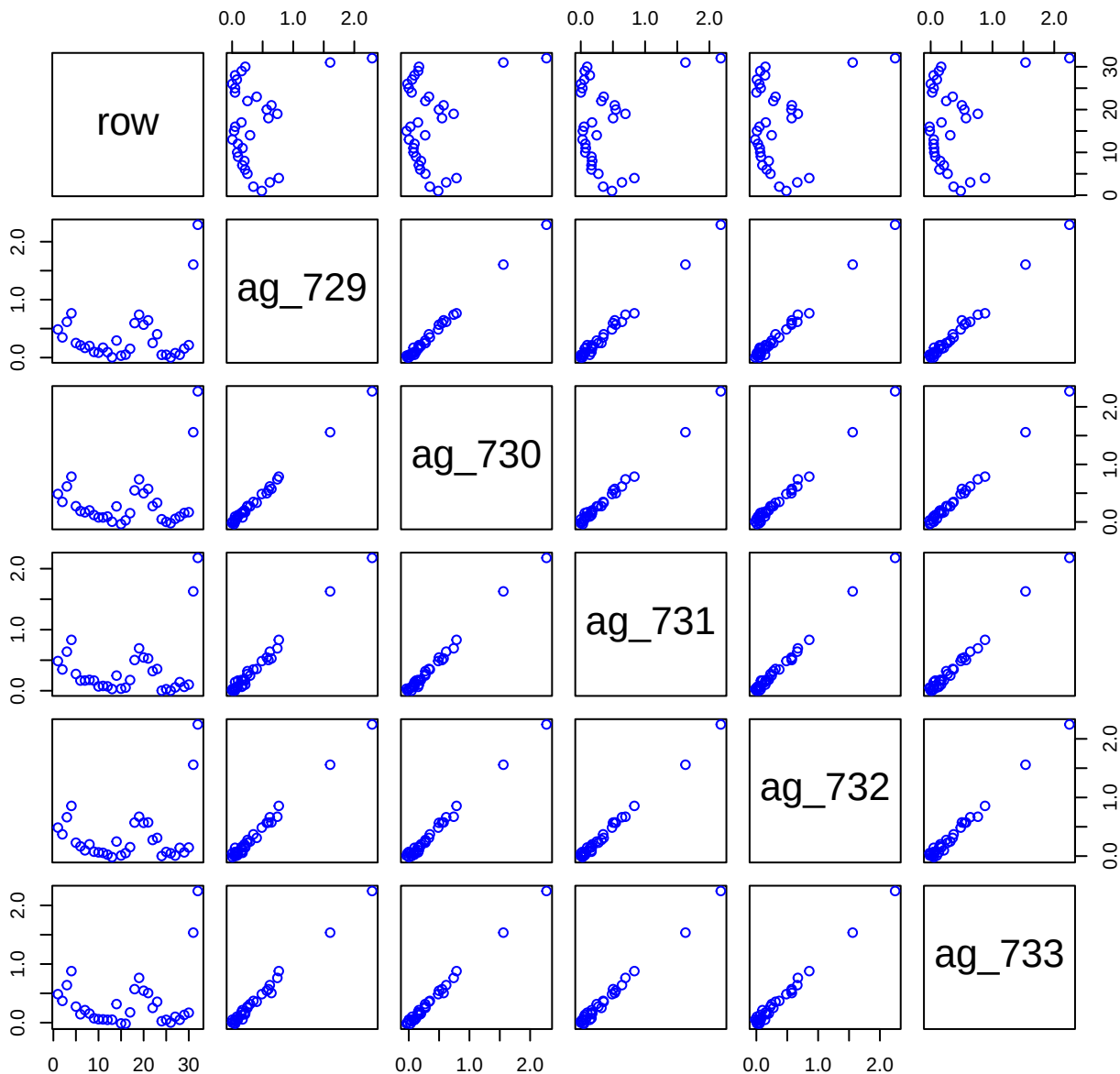
HF459-08 Plot 118



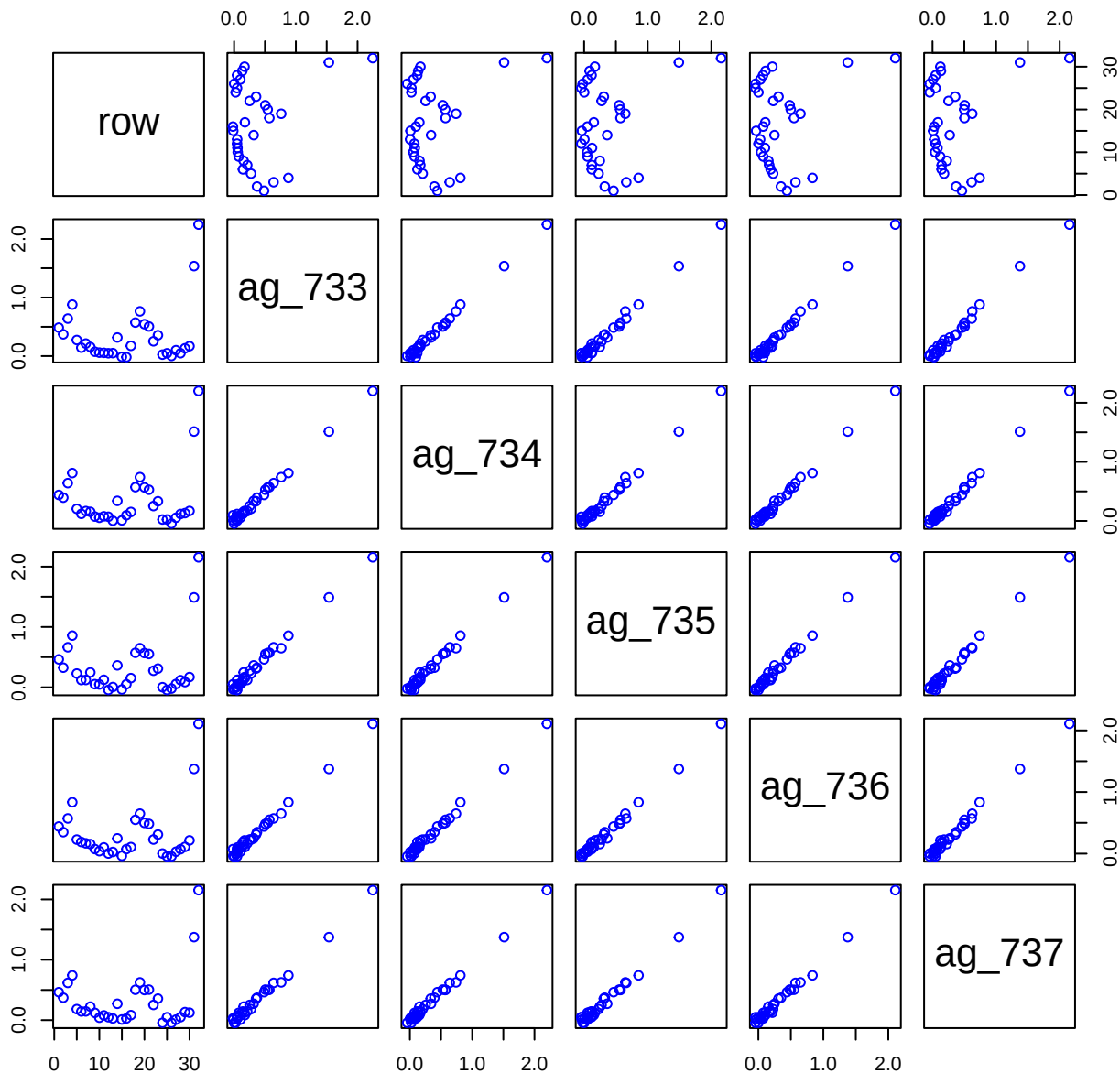
HF459-08 Plot 120



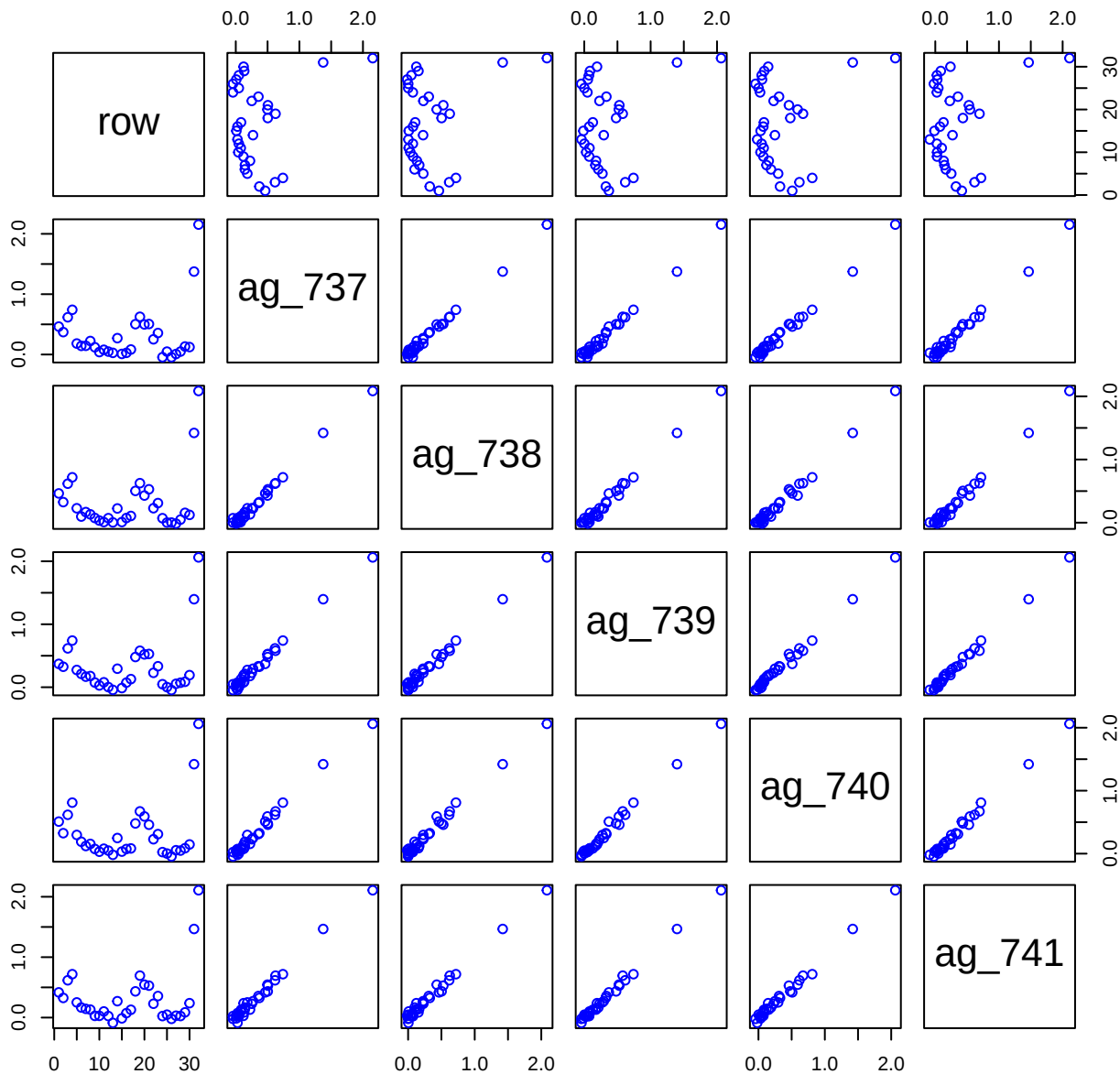
HF459-08 Plot 121



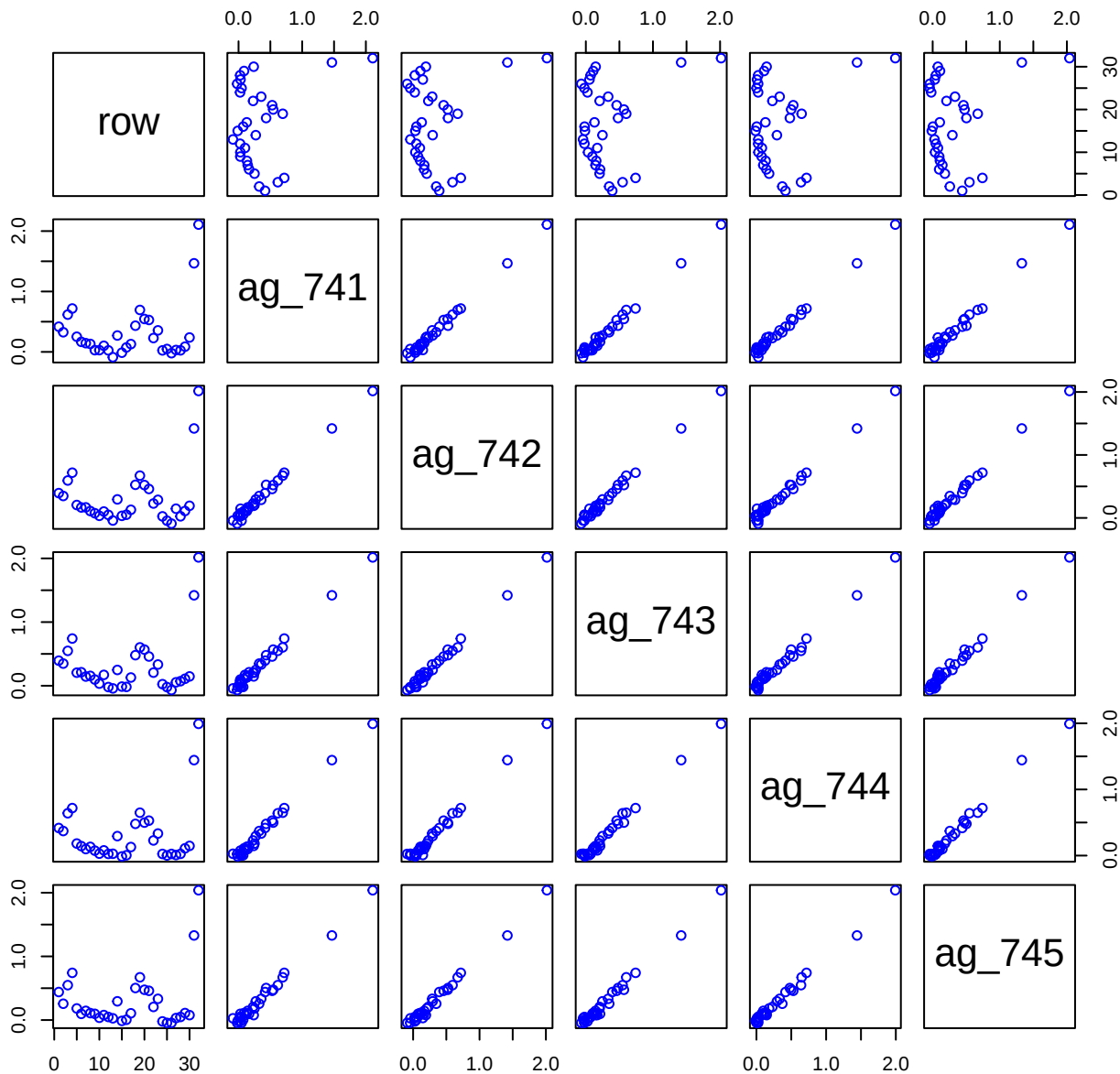
HF459-08 Plot 122



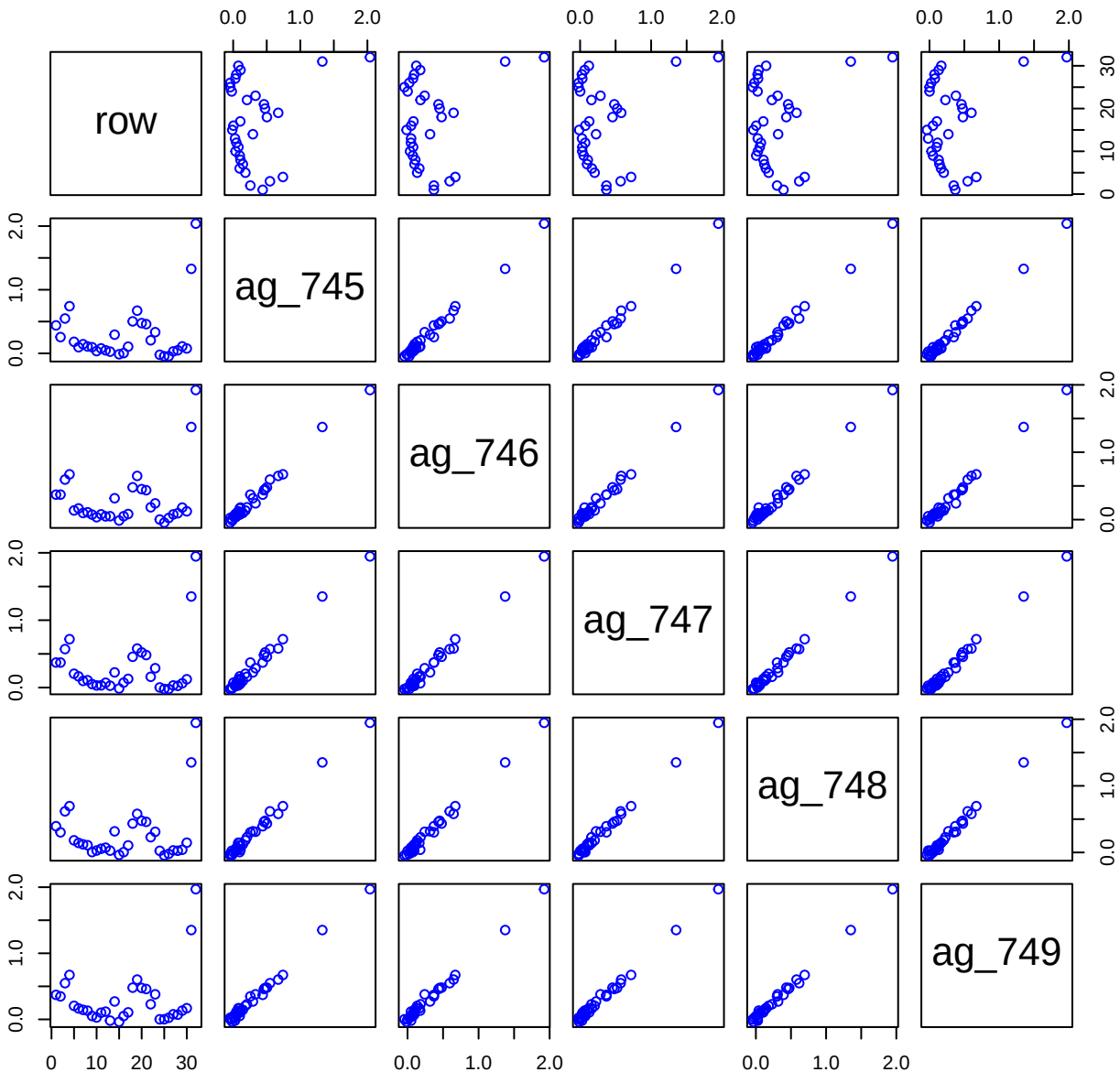
HF459-08 Plot 123



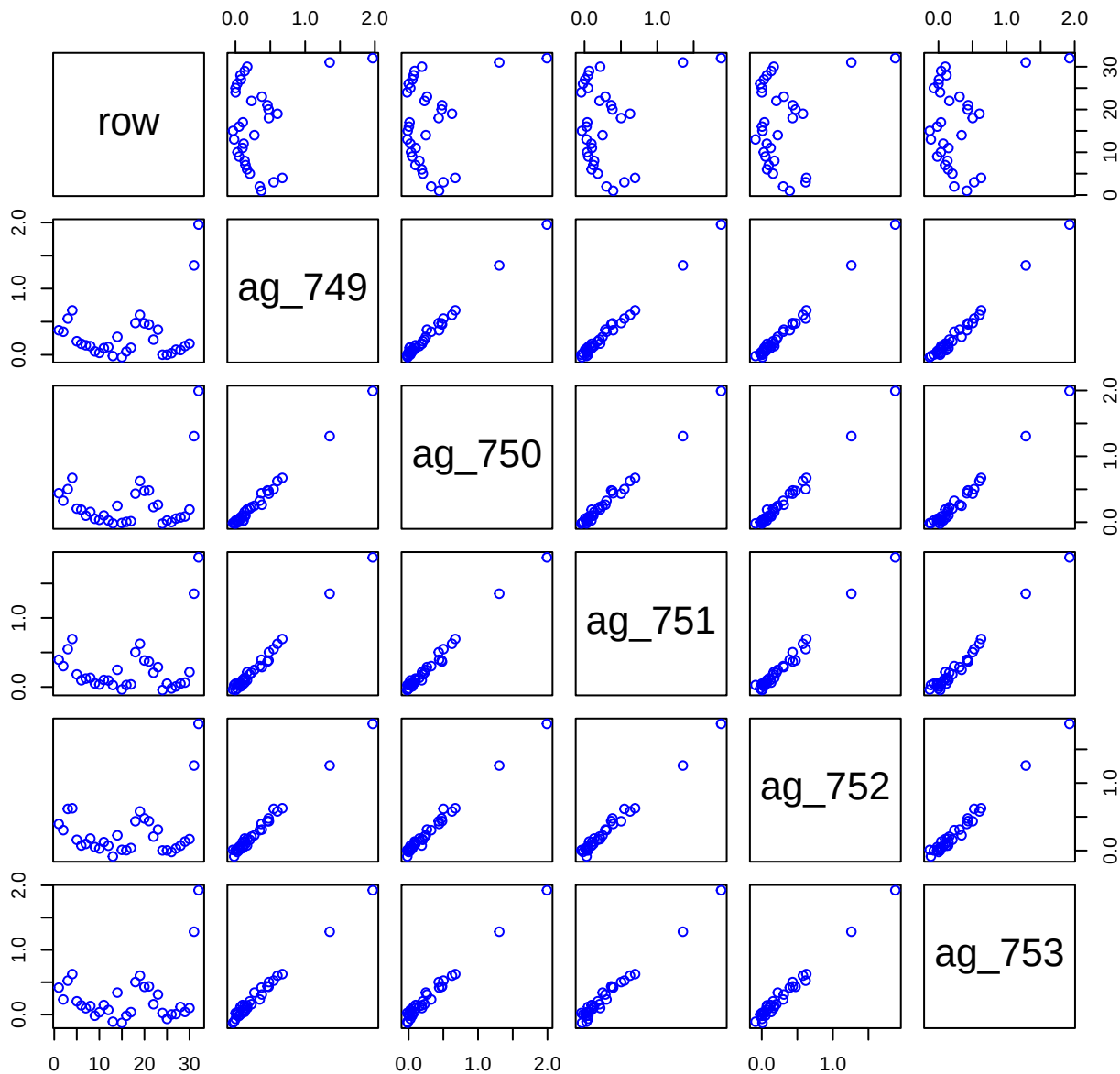
HF459-08 Plot 124



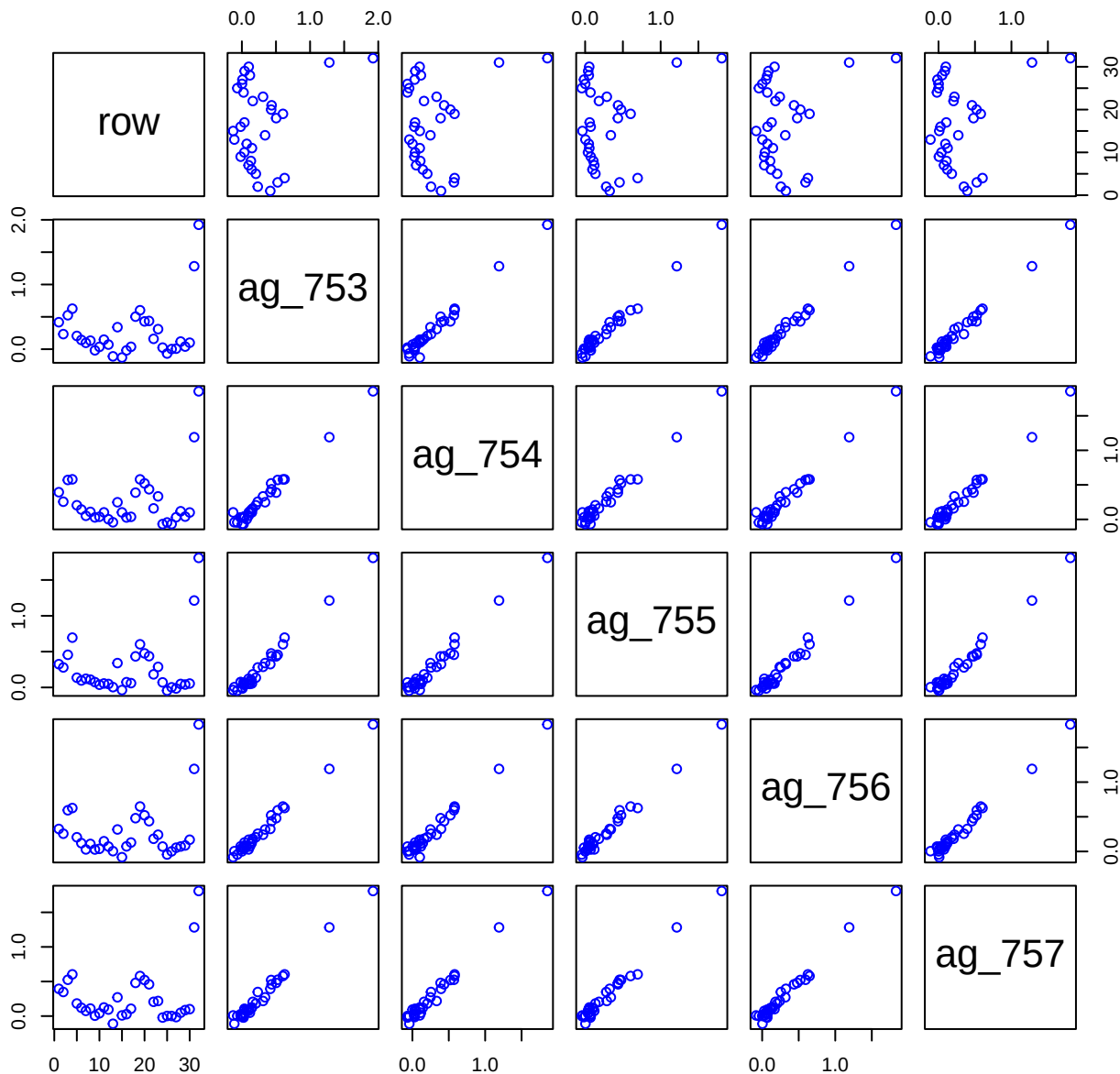
HF459-08 Plot 125



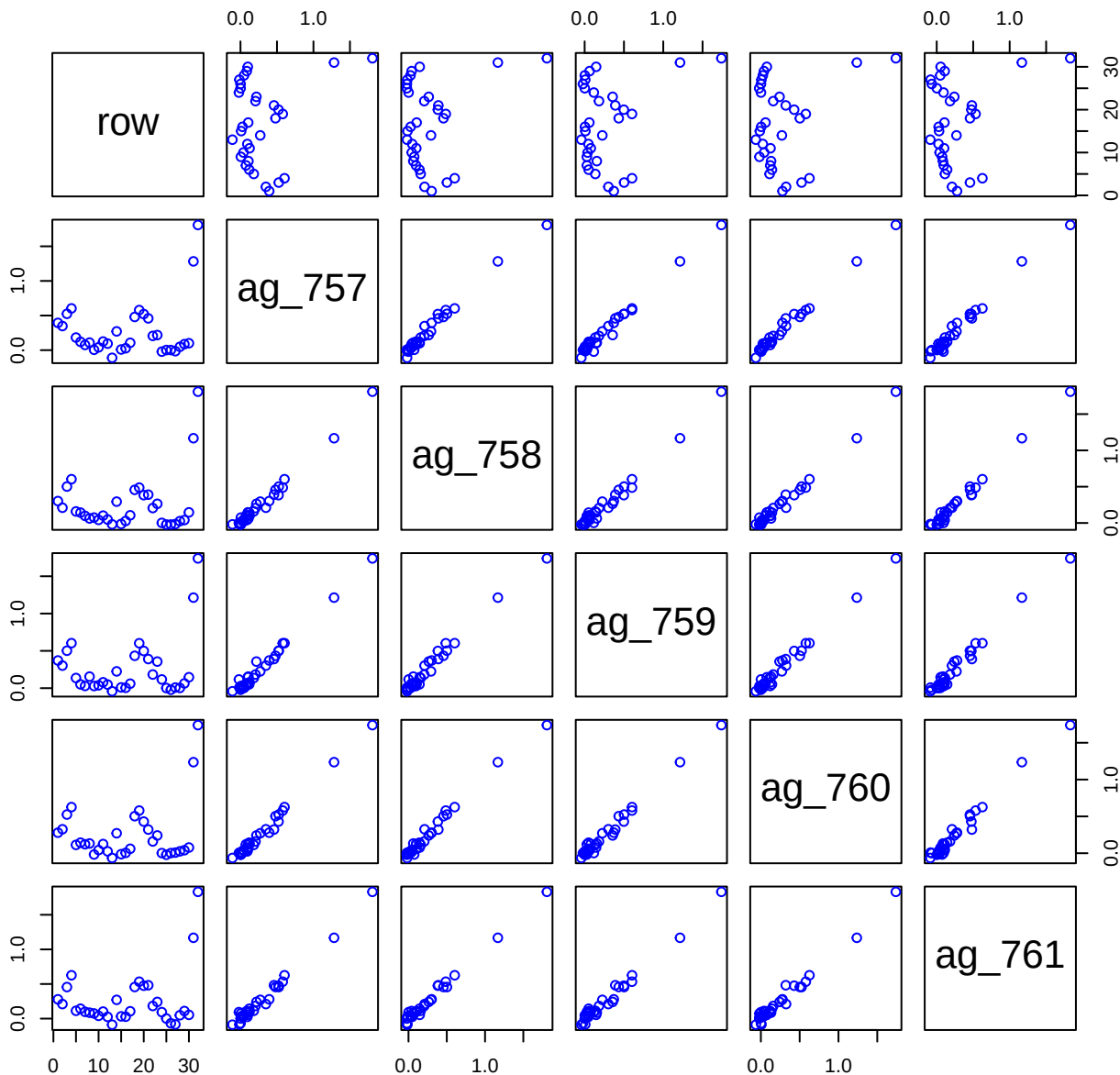
HF459-08 Plot 126



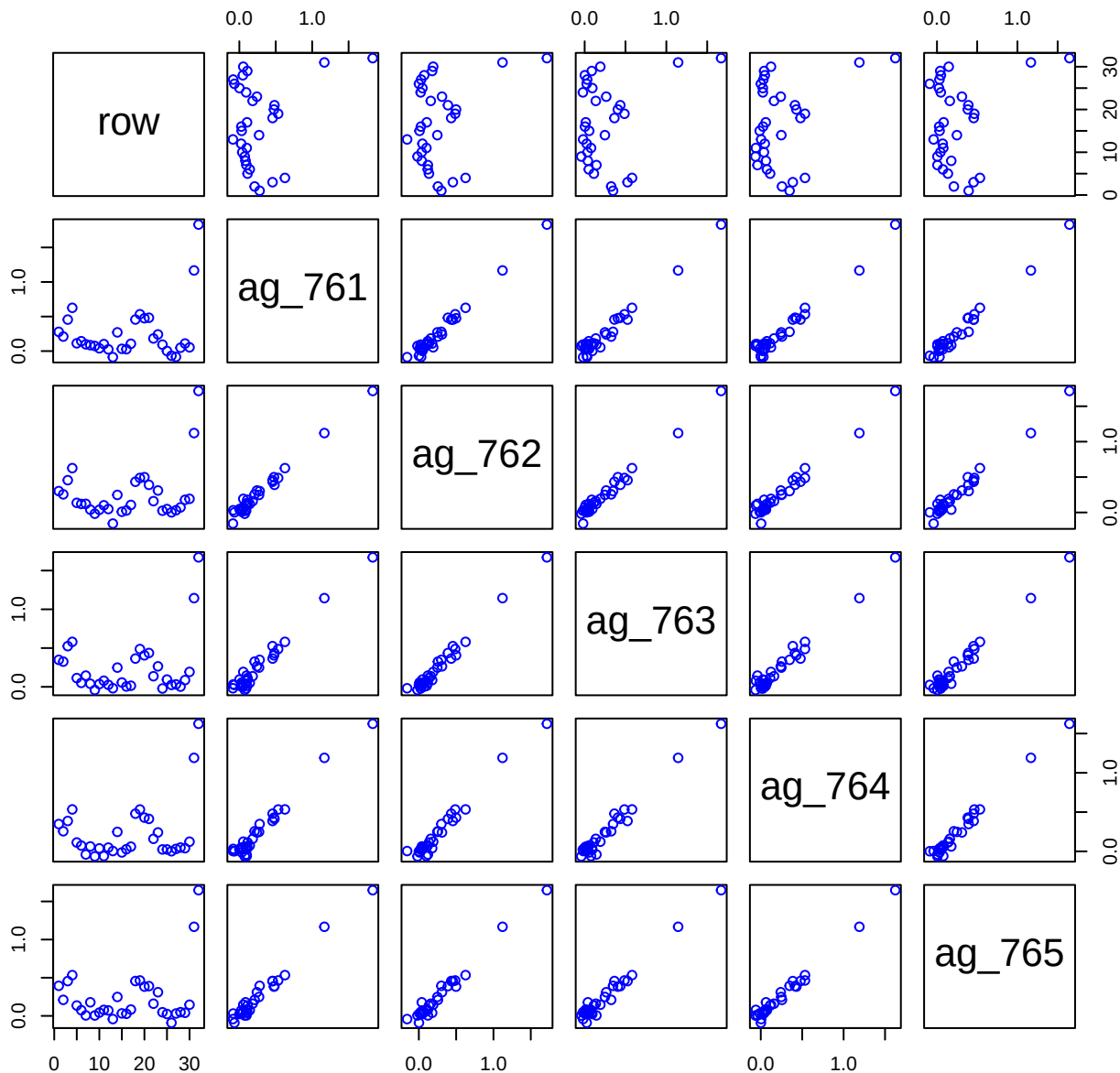
HF459-08 Plot 127



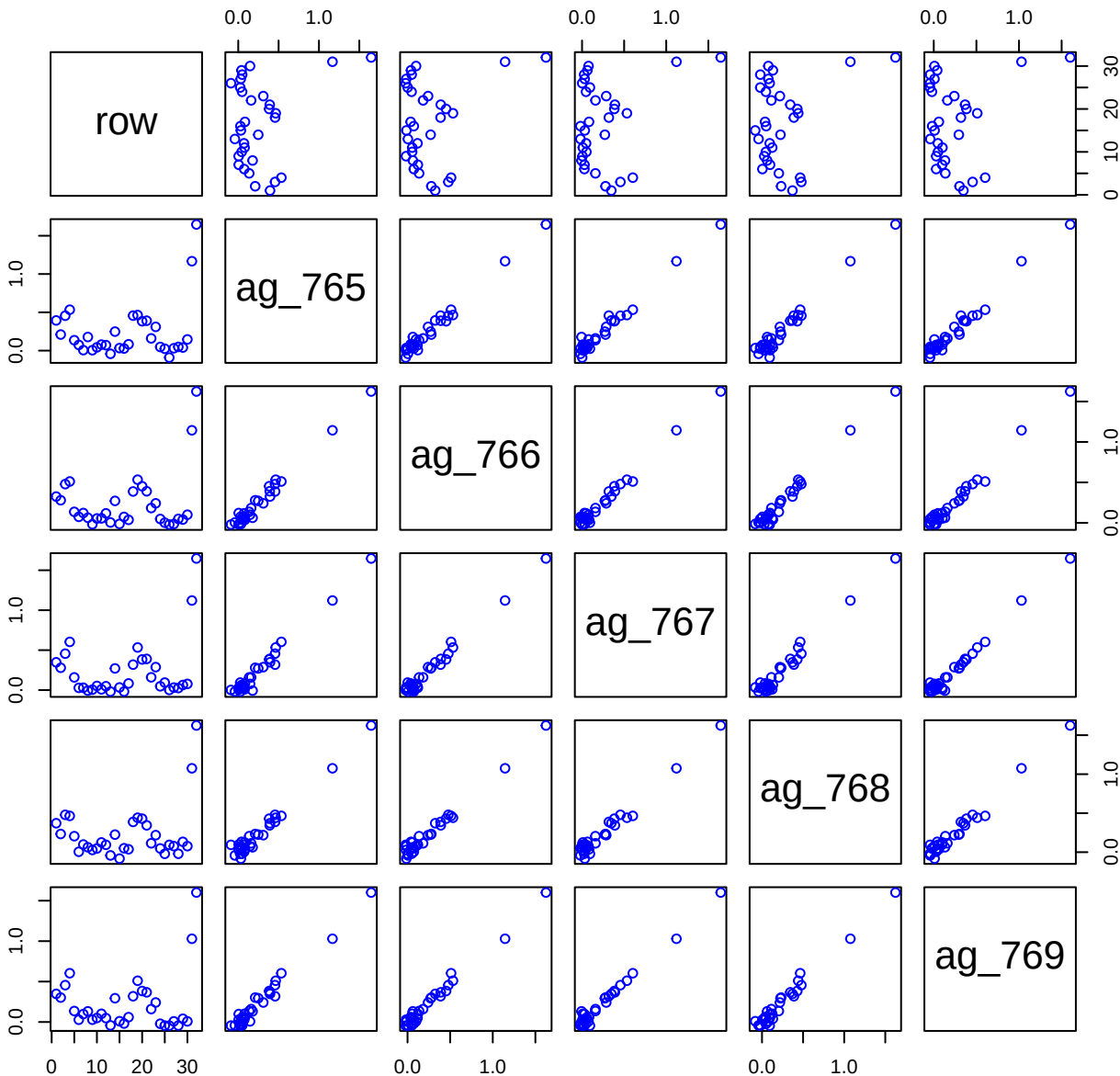
HF459-08 Plot 128



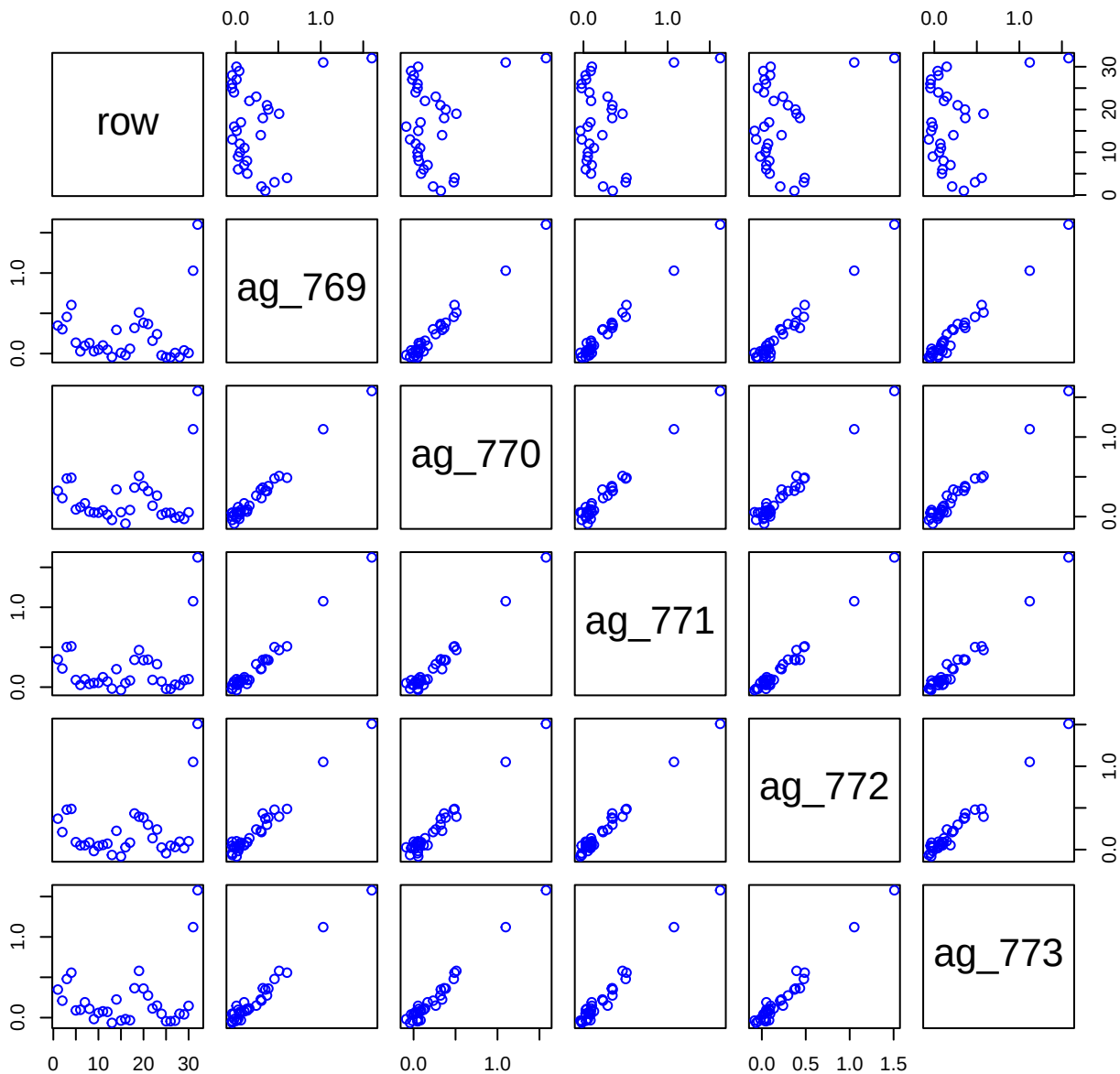
HF459-08 Plot 129



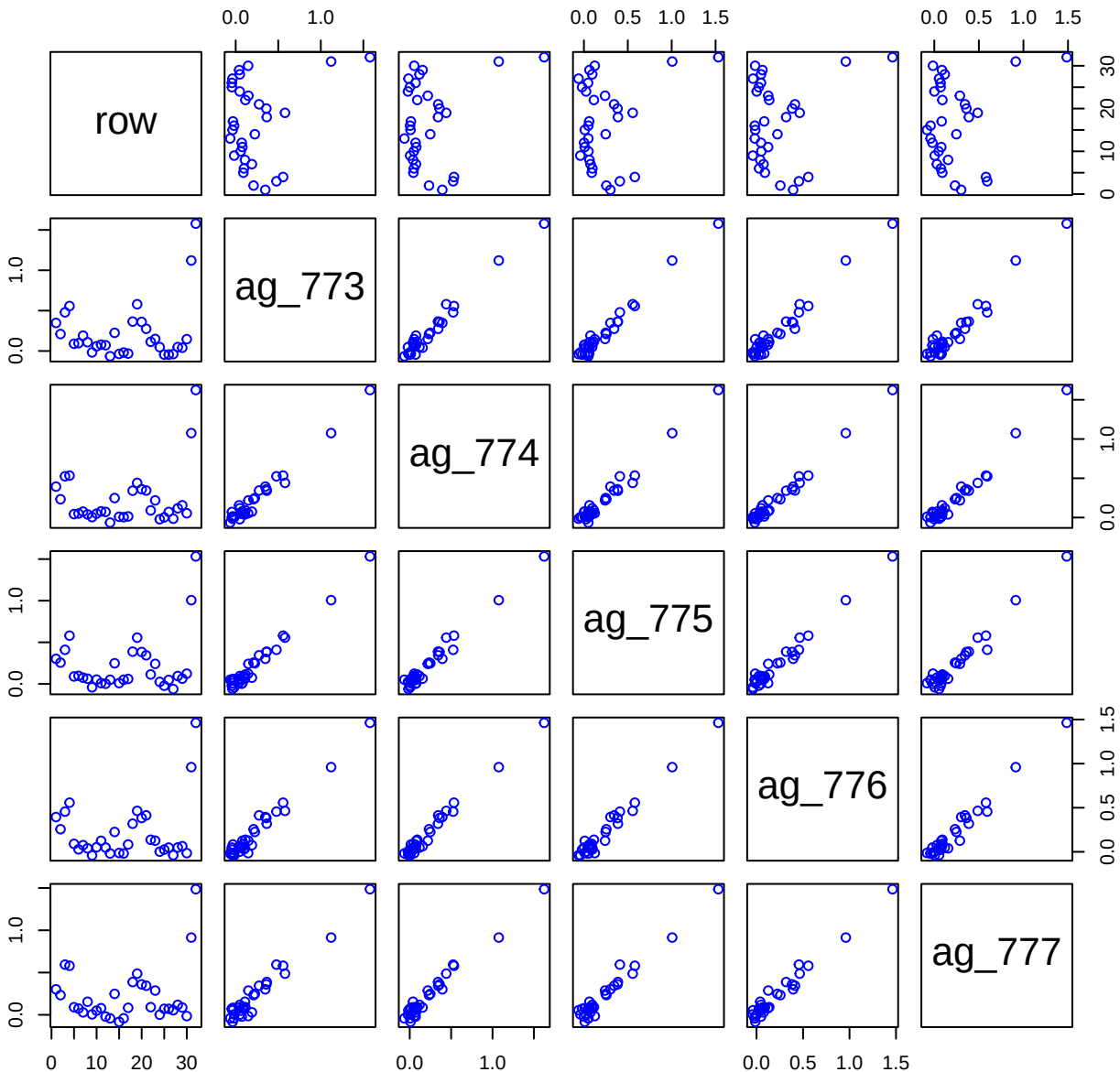
HF459-08 Plot 130



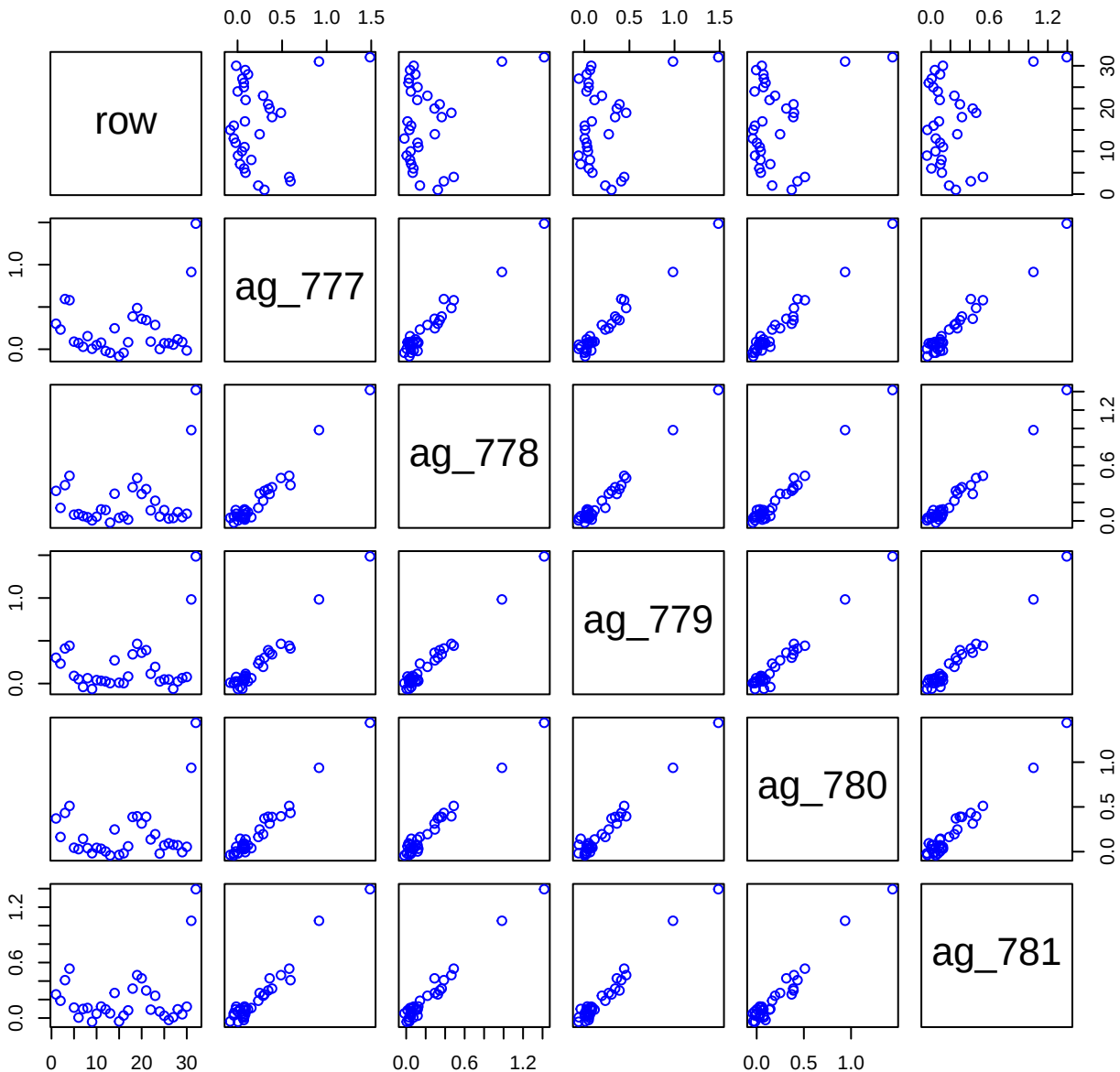
HF459-08 Plot 131



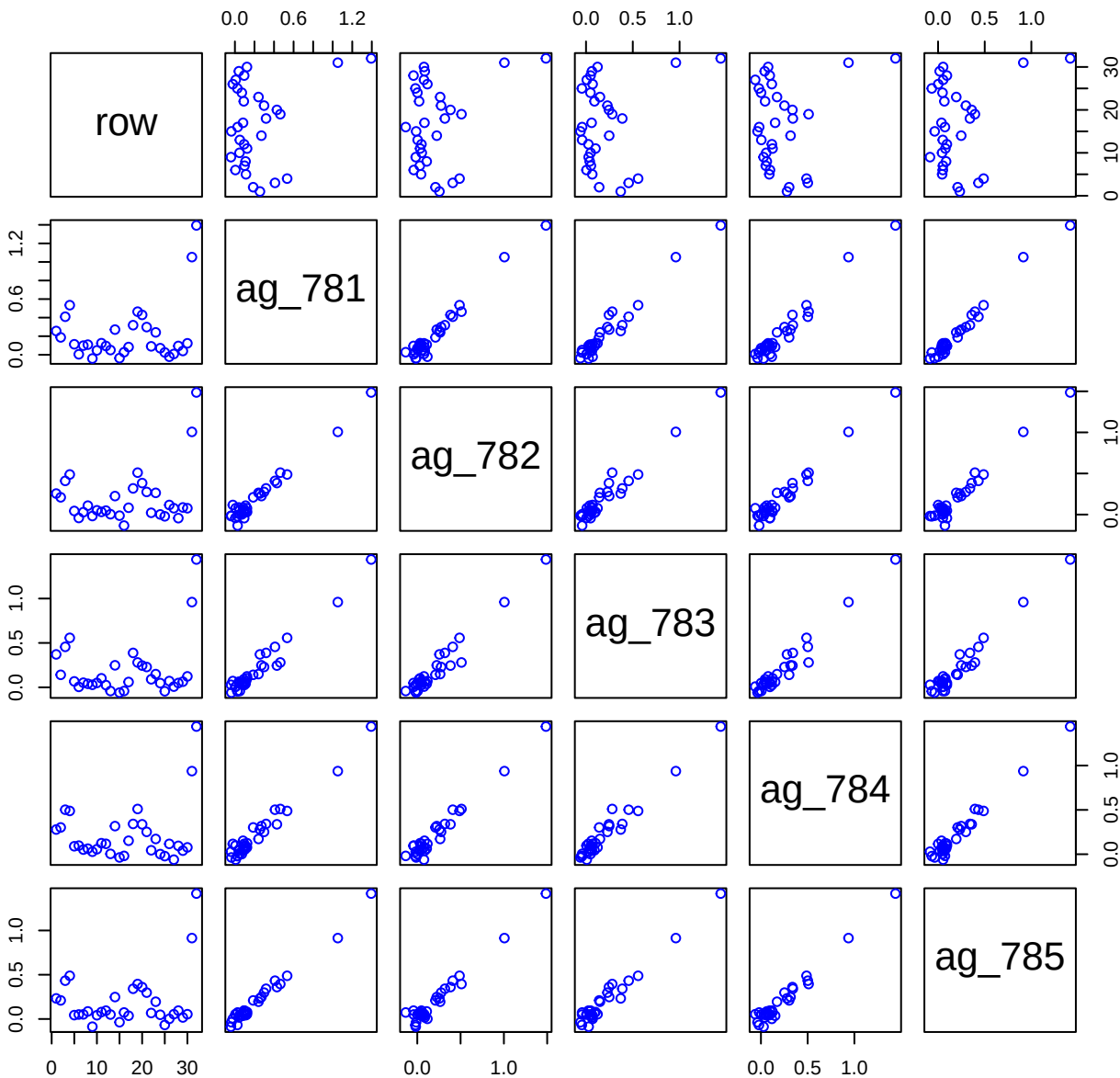
HF459-08 Plot 132



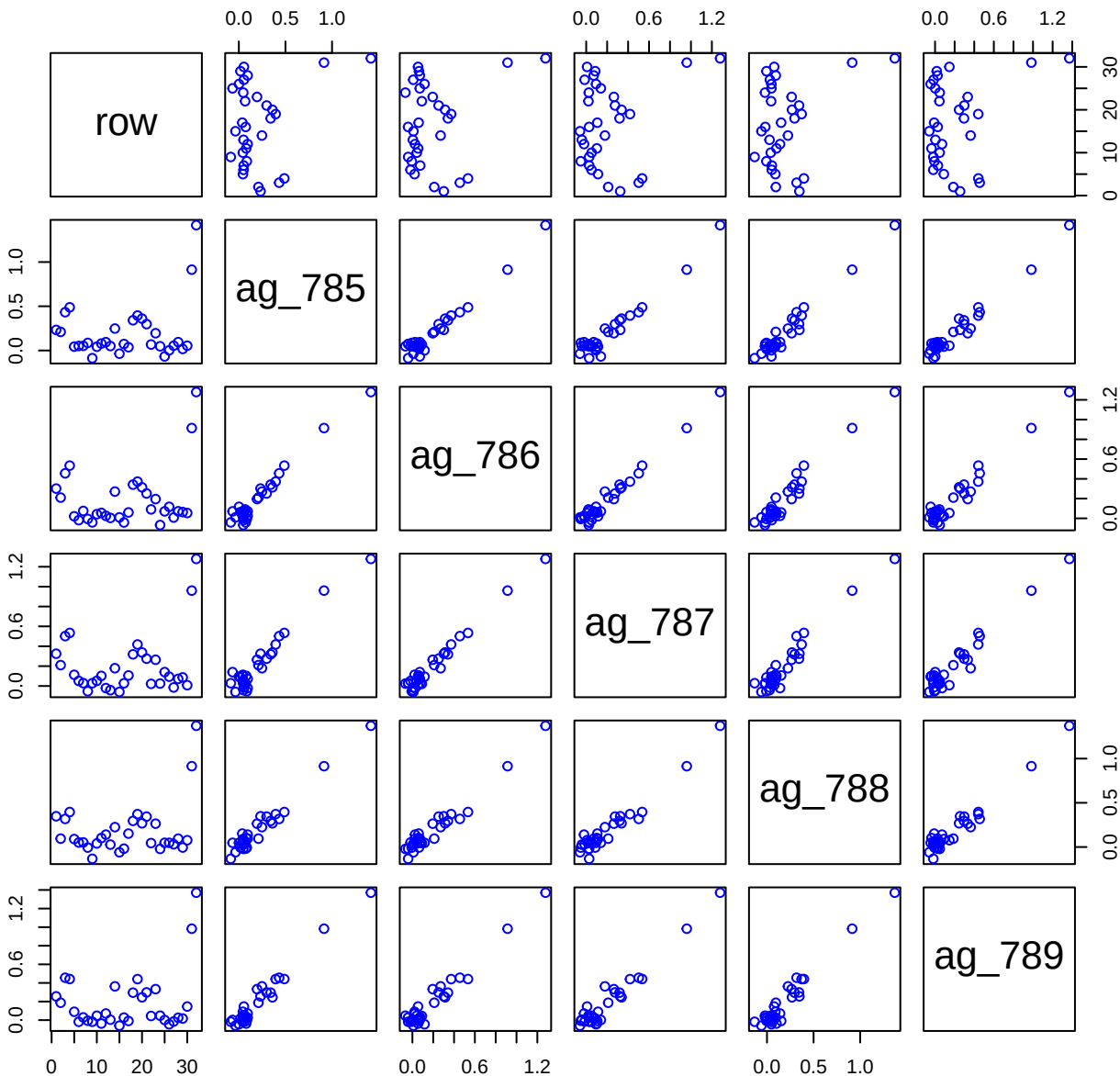
HF459-08 Plot 133



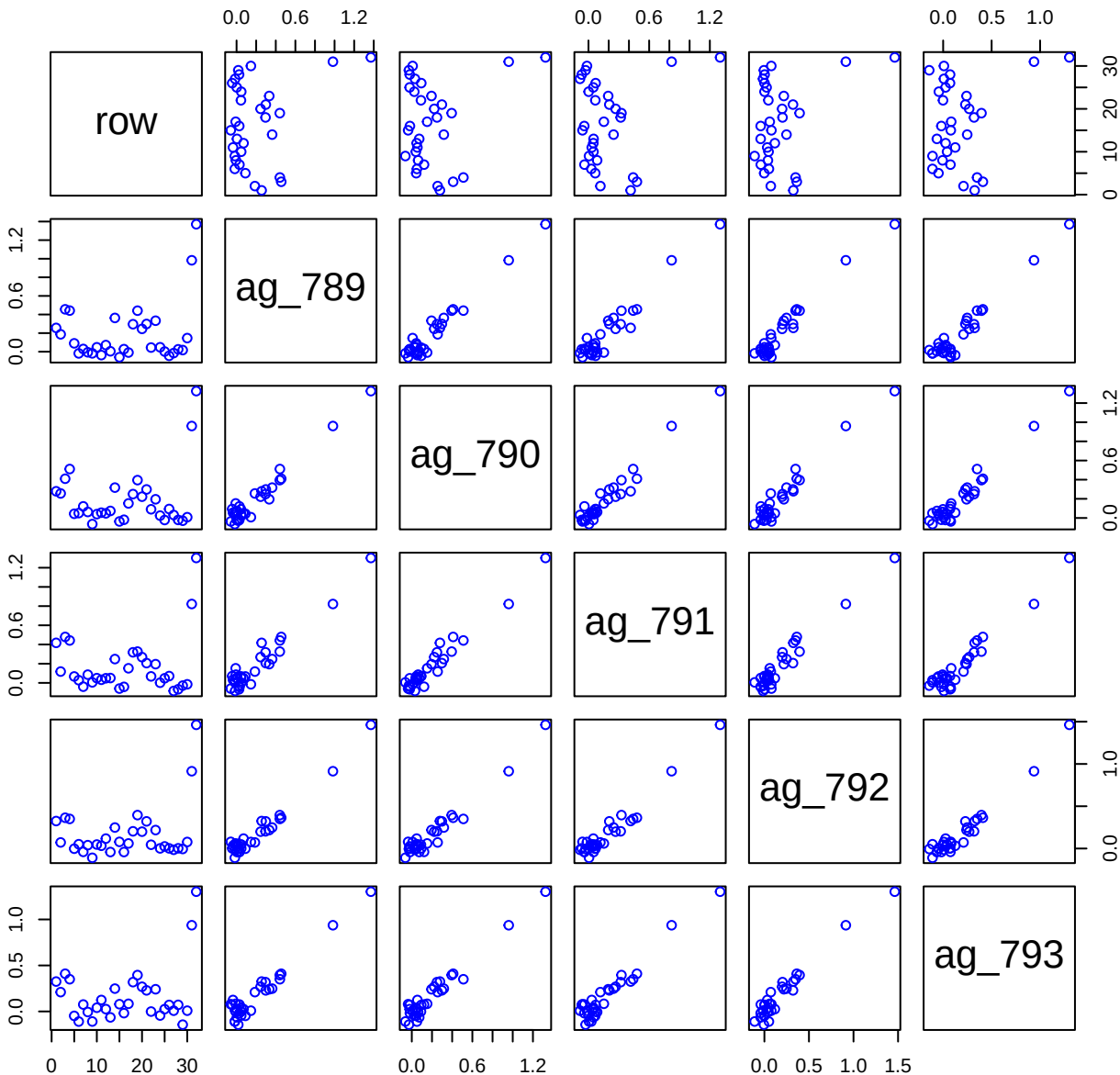
HF459-08 Plot 134



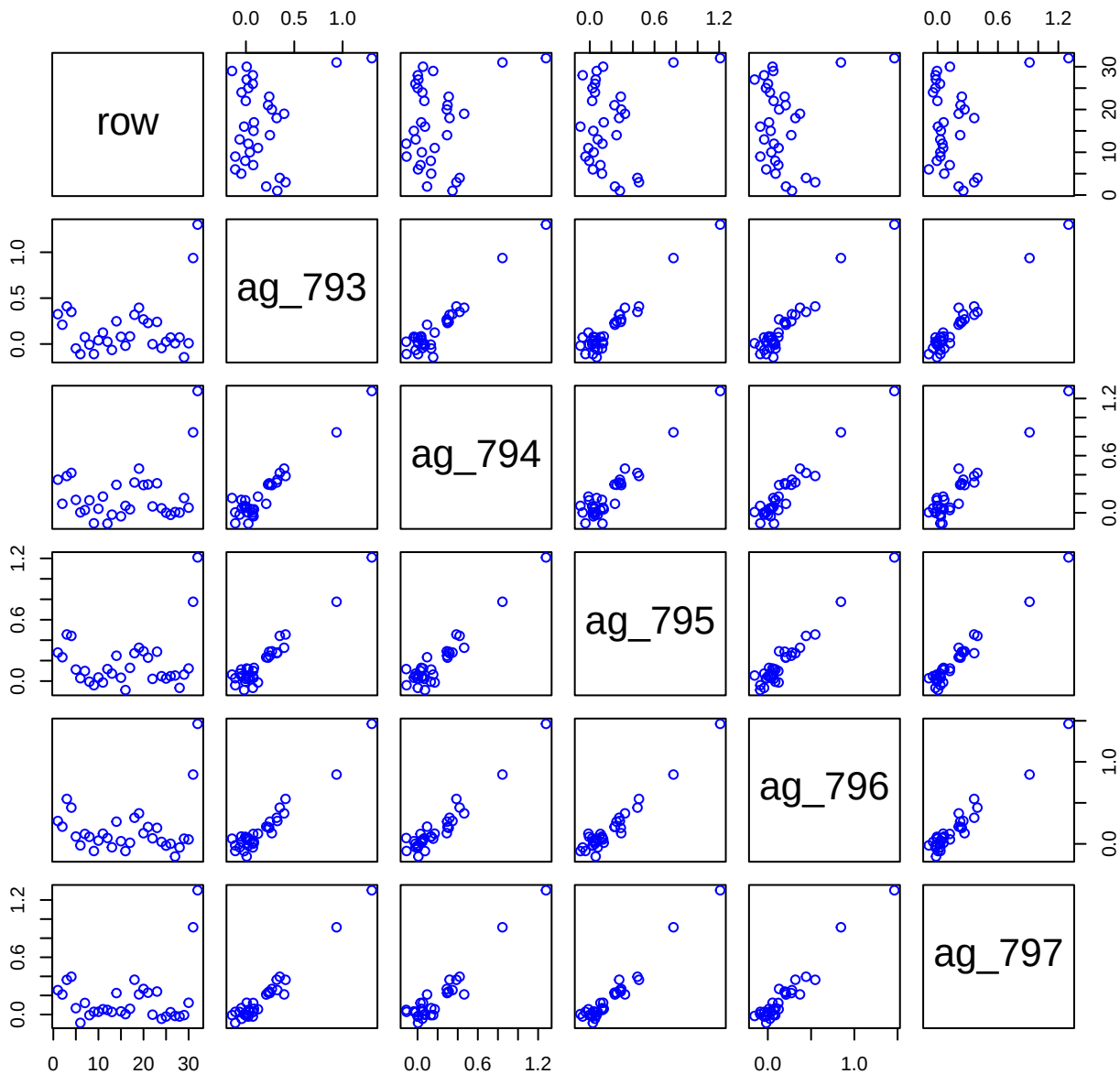
HF459-08 Plot 135



HF459-08 Plot 136



HF459-08 Plot 137



HF459-08 Plot 138

