

Table 5. Morphotypes of cultivated strains in diverse culture media

Strain	EMB	VB	MCK	TCBS	TSI	Gas
	Color	Color	Color	Color	Color	Gas
8423	6-3-35	7-2-36	8-1-4	nc	2	0
8424	6-3-35	7-2-36	8-1-4	nc	2	0
8425	6-3-35	7-2-36	8-1-4	nc	2	0
8426	6-3-35	7-2-36	8-1-4	nc	2	0
8427	6-3-35	7-2-36	8-1-4	nc	2	0
8428	6-3-35	7-2-36	8-1-4	nc	2	0
8429	6-3-35	7-2-36	8-1-4	nc	2	0
8430	6-3-35	7-2-36	8-1-4	nc	2	0
8431	6-3-35	7-2-36	8-1-4	nc	2	0
8432	6-3-35	7-2-36	8-1-4	nc	2	0
8433	6-3-35	7-2-36	8-1-4	nc	2	0
8434	6-3-35	7-2-36	8-1-4	nc	2	0
8435	6-3-35	7-2-36	8-1-4	nc	2	0
8436	6-3-35	7-2-36	8-1-4	nc	2	0
8437	6-3-35	7-2-36	8-1-4	nc	2	0
8438	6-3-35	7-2-36	8-1-4	nc	2	0
8439	nc	nc	nc	nc	2	0
8440	nc	nc	nc	nc	nc	nc
8441	2.3	nc	1.5	nc	1	0
8442	nc	nc	nc	nc	nc	nc
8443	nc	nc	nc	nc	nc	nc
8444	2.2	5.7/p	1.5	nc	1	0
8445	nc	nc	nc	nc	nc	nc
8446	nc	nc	nc	nc	nc	nc
8447	nc	nc	nc	nc	nc	nc
8448	nc	5.8/p	nc	nc	1	0
8449	nc	nc	nc	nc	nc	nc
8450	nc	nc	nc	nc	nc	nc
8451	nc	nc	nc	nc	nc	nc
8452	6-5-1	nc	8-1-4	nc	1	0
8453	nc	nc	nc	nc	nc	nc
8454	4-3-36	nc	8-1-4	nc	1	0
8455	7-2-36	6-4-1	8-1-4	nc	2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
8456	7-2-36	6-4-1	8-1-4	nc	2	0
8457	7-2-36	6-4-1	8-1-4	nc	2	0
8458	7-2-36	6-4-1	8-1-4	nc	2	0
8459	7-2-36	6-4-1	8-1-4	nc	2	0
8460	7-2-36	6-4-1	8-1-4	nc	2	0
8461	7-2-36	6-4-1	8-1-4	nc	2	0
8462	7-2-36	6-4-1	8-1-4	nc	2	0
8463	7-2-36	6-2-7	8-1-4	nc	2	0
8464	7-2-36	6-4-1	8-1-4	nc	2	0
8465	7-2-36	6-4-1	8-1-4	nc	2/1	0
8466	7-2-36	6-4-1	8-1-4	nc	2	0
8467	7-2-36	6-4-1	8-1-4	nc	2	0
8468	7-2-36	6-4-1	8-1-4	nc	2	0
8469	7-2-36	6-4-1	8-1-4	nc	2	0
8470	7-2-36	6-4-1	8-1-4	nc	2	0
8471	nc	nc	6-1-5	nc	2	0
8472	nc	nc	nc	nc	nc	nc
8473	7-2-2	6-4-1	7-2-5	nc	2	0
8474	nc	nc	nc	nc	2/1	0
8475	7-2-2	6-4-1	7-2-5	nc	2	0
8476	nc	nc	nc	nc	nc	nc
8477	nc	nc	nc	nc	nc	nc
8478	nc	nc	2-3	nc	2	0
8479	7-2-2	6-4-1	7-2-5	nc	2/1	0
8480	2.3c2.1	8-4-9	8-1-2	nc	2	0
8481	nc	6-4-1	2-3	nc	2	0
8482	nc	nc	1-5	nc	1	0
8483	2.3c2.1	8-4-9	8-1-2	nc	1	0
8484	nc	nc	1-5	nc	2	0
8485	2.3c2.1	8-4-9	8-1-2	nc	2	0
8486	nc	nc	1-5	nc	2	0
8487	2.3c1.1	8-6-9	8-1-35	nc	2/1	0
8488	2.3c1.1	8-6-9	8-1-35	nc	2/1	1
8489	2.3c1.1	8-6-9	7-1-2	nc	2/1	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
8490	2.3c1.1	8-6-9	7-1-2	nc	2/1	0
8491	2.3c1.1	8-6-9	7-1-2	nc	2/1	0
8492	1.1	6-7	1-3	nc	1	0
8493	2.3c1.1	8-6-9	7-1-2	nc	2/1	0
8494	2.3c1.1	8-6-9	7-1-2	nc	2/1	0
8495	2.3c1.1	8-6-9	7-1-2	nc	2/1	0
8496	2.3c1.1	8-6-9	7-1-2	nc	2/1	0
8497	2.3c1.1	8-6-9	7-1-2	nc	2/1	0
8498	2.3c1.1	8-6-9	7-1-2	nc	2/1	0
8499	2.3c1.1	8-6-9	7-1-2	nc	2/1	0
8500	2.3c1.1	8-6-9	7-1-2	nc	2/1	0
8501	nc	nc	nc	nc	nc	nc
8502	1.3c1.1	5-7	1-5	nc	2/1	1
8503	2-3-35	6-3-1	1.2	nc	2/1	0
8504	6-2-7	7-1-4	3.2	nc	2	0
8505	6-2-7	7-1-4	3.2	nc	2	0
8506	6-2-7	7-1-4	3.2	nc	2	0
8507	6-2-7	7-1-4	3.2	nc	2	0
8508	6-2-7	7-1-4	3.2	nc	2	0
8509	6-2-7	7-1-4	3.2	nc	2	0
8510	6-2-7	7-1-4	2.3	nc	2	0
8511	6-3-35	6-3-1	2.3	nc	2	0
8512	6-2-7	7-1-4	3.2	nc	2	0
8513	6-2-7	7-1-4	3.2	nc	2	0
8514	6-2-7	7-1-4	1.2	nc	2	0
8515	4-3-35	6-3-1	3.2	nc	2/1	0
8516	6-2-7	7-1-4	1.2	nc	2	0
8517	4-3-35	6-3-1	3.2	nc	2/1	0
8518	6-2-7	3.6	2.3	nc	2	0
8519	4-3-34	5.7p	2.5	nc	2/1	1
8520	4-3-34	5.7p	2.5	nc	2/1	1
8521	4-3-34	5.7p	2.5	nc	2/1	0
8522	4-3-34	5.7p	2.5	nc	1	0
8523	4-3-34	5.7p	2.5	nc	2/1	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
8524	4-3-34	5.7p	2.5	nc	2/1	0
8525	4-3-34	5.7p	2.5	nc	1	0
8526	4-3-34	5.7p	2.5	nc	2/1	1
8527	4-3-34	5.7p	2.5	nc	1	0
8528	4-3-34	5.7p	2.5	nc	2/1	0
8529	4-3-34	5.7p	2.5	nc	2/1	0
8530	4-3-34	5.7p	2.5	nc	2/1	0
8531	4-3-34	5.7p	2.5	nc	1	0
8532	4-3-34	5.7p	2.5	nc	2/1	0
8533	4-3-34	5.7p	2.5	nc	2/1	0
8534	4-3-34	5.7p	2.5	nc	2/1	0
8535	2.2	7-2-36	3.5	nc	2	0
8536	2.2	7-2-36	3.5	nc	2	0
8537	2.2	7-2-36	3.5	nc	2	0
8538	2.2	7-2-36	3.5	nc	3	0
8539	2.2	7-2-36	3.5	nc	2	0
8540	2.2	7-2-36	3.5	nc	2	0
8541	2.2	7-2-36	3.5	nc	2	0
8542	2.2	7-2-36	3.5	nc	2	0
8543	2.2	7-2-36	3.5	nc	2	0
8544	2.2	7-2-36	3.5	nc	2	0
8545	2.2	7-2-36	3.5	nc	2	0
8546	2.2	7-2-36	3.5	nc	2	0
8547	2.2	7-2-36	3.5	nc	2	0
8548	2.2	7-2-36	3.5	nc	2	0
8549	2.2	7-2-36	3.5	nc	2	0
8550	2.2	7-2-36	3.5	nc	2	0
8551	1.3	5.7p	2-5	nc	2/1	0
8552	1-3	5.7p	2-5	nc	2/1	0
8553	1-3	5.7p	2-5	nc	2/1	0
8554	1-3	cont	2-5	nc	2/1	0
8555	1-3	5.7p	2-5	nc	2/1	1
8556	1-3	5.7p	2-5	nc	1	0
8557	1-3	5.7p	2-5	nc	1	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
8558	1-1	5.7p	2-5	nc	2/1	0
8559	1-1	5.7p	2-5	nc	2/1	0
8560	1-1	5-7	2-5	nc	2/1	0
8561	1-1	nc	2-5	nc	2/1	0
8562	1-1	nc	2-5	nc	1	0
8563	1-1	nc	2-5	nc	1	0
8564	1-1	5.7p	2-5	nc	1	0
8565	1-1	nc	2-5	nc	2/1	1
8566	1-1	5-7	2-5	nc	1	1
8567	5-4-2	7-2-36	2.5	nc	2	0
8568	5-4-2	7-2-36	2.5	nc	2	0
8569	5-4-2	7-2-36	2.5	nc	2	0
8570	5-2-33	7-2-36	2.5	nc	2	0
8571	5-4-2	7-2-36	2.5	nc	2	0
8572	5-2-33	7-2-36	2.5	nc	2	0
8573	5-4-2	7-2-36	2.5	nc	2	0
8574	5-2-33	7-2-36	2.5	nc	2	0
8575	5-2-33	7-2-36	2.5	nc	2	0
8576	5-4-2	7-2-36	2.5	nc	2	0
8577	5-4-2	7-2-36	2.5	nc	2	0
8578	5-2-33	7-2-36	2.5	nc	2	0
8579	5-2-33	7-2-36	2.5	nc	2	0
8580	5-2-33	7-2-36	2.5	nc	2	0
8581	5-2-33	7-2-36	nc	nc	2	0
8582	5-2-33	7-2-36	nc	nc	nc	nc
8583	2-3	2-6	1.5	nc	2	0
8584	nc	nc	nc	nc	2	0
8585	6-2-36	2.3	2.5	nc	2	0
8586	nc	nc	nc	nc	nc	nc
8587	2.5	3.4	1.3	nc	2	0
8588	7-1-2	6-1-4	3.2	nc	2	0
8589	6-2-36	6-1-4	1.3	nc	2	0
8590	7-1-2	6-1-4	3.2	nc	2	0
8591	6-2-36	6-1-4	1.3	nc	2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
8592	1.3	2.3	2.5	nc	2	0
8593	1-3	6-1-4	1.3	nc	2	0
8594	nc	nc	nc	nc	nc	nc
8595	nc	5.7p	nc	nc	1	0
8596	6-2-36	6-1-4	1.3	nc	1	0
8597	7-1-2	6-1-4	1.3	nc	1	0
8598	nc	nc	nc	nc	2	0
8599	5-4-36	7-4-10	2.1	nc	2/1	0
8600	nc	nc	nc	nc	2	0
8601	nc	nc	nc	nc	2	0
8602	nc	nc	nc	nc	2	0
8603	nc	nc	nc	nc	2	0
8604	nc	nc	nc	nc	2	0
8605	nc	nc	nc	nc	2	0
8606	nc	nc	2.3	nc	2	0
8607	nc	nc	nc	nc	2	0
8608	1.1	6-7/p	2.3	nc	2/1	0
8609	1.1	6-7/p	nc	nc	2/1	0
8610	6-1-4	6-1-4	3.1	nc	2	0
8611	6-5-2	6-1-4/7-4-10	z	nc	1	0
8612	6-1-4	6-1-4	3.1	nc	2	0
8613	nc	nc	nc	nc	nc	0
8614	6-1-4	6-1-4	3.1	nc	2	0
8615	7-1-35	7-1-4	3.1	nc	2	0
8616	7-1-35	7-1-4	3.1	nc	2	0
8617	nc	nc	nc	nc	1	0
8618	7-1-35	7-1-4	3.1	nc	2	0
8619	7-1-35	7-1-4	3.1	nc	2	0
8620	7-4-36	7-1-4	z	nc	2/1	0
8621	nc	nc	nc	nc	nc	nc
8622	7-1-35	7-1-4	3.1	nc	3	nc
8623	7-4-36	7-1-4	z	nc	2/1	1
8624	7-4-36	7-1-4	z	nc	2/1	1
8625	7-4-36	7-1-4	z	nc	2/1	1

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
8626	7-1-35	7-1-4	3.1	nc	nc	1
8627	7-1-35	7-1-4	3.1	nc	2	1
8628	7-1-35	7-1-4	3.1	nc	2	1
8629	7-1-35	7-1-4	3.1	nc	2	1
8630	7-1-35	7-1-4	3.1	nc	2	1
8631	6.3c2.5	3.4	3.2	nc	2	0
8632	7-2-1	7-2-4	3.1	nc	2	0
8633	7-2-1	7-2-4	3.1	nc	2	0
8634	7-2-1	7-2-4	3.1	nc	2	0
8635	7-2-1	7-2-4	3.1	nc	2	0
8636	7-2-1	7-2-4	3.1	nc	2	0
8637	7-2-1	7-2-4	3.1	nc	2	0
8638	7-2-1	7-2-4	3.1	nc	2	0
8639	7-2-1	7-2-4	3.1	nc	2	0
8640	7-2-1	7-2-4	3.1	nc	2	0
8641	7-2-1	7-2-4	3.1	nc	2	0
8642	nc	3.2/p	nc	nc	2	0
8643	nc	3.2/p	nc	nc	2	0
8644	nc	3.2/p	nc	nc	2	0
8645	nc	3.2/p	nc	nc	2	0
8646	5.4.1	6.6.5	nc	nc	3	0
8647	nc	3.2/p	nc	nc	2	0
8648	nc	3.2/p	nc	nc	2	0
8649	nc	3.2/p	nc	nc	2	0
8650	nc	3.2/p	nc	nc	2	0
8651	nc	3.2/p	nc	nc	2	0
8652	nc	3.2/p	nc	nc	2	0
8653	nc	3.2/p	nc	nc	2	0
8654	nc	3.2/p	nc	nc	2	0
8655	nc	3.2/p	nc	nc	2	0
8656	nc	nc	nc	nc	1/2	0
8657	nc	nc	nc	nc	2	0
8658	nc	nc	nc	nc	2	0
8659	nc	nc	nc	nc	2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
8660	nc	nc	nc	nc	2	0
8661	nc	nc	nc	nc	2	0
8662	nc	nc	nc	nc	2	0
8663	nc	nc	1.2	nc	2/1	0
8664	nc	nc	nc	nc	2	0
8665	nc	nc	1.2	nc	1	0
8666	nc	nc	1.2	nc	2/1	0
8667	nc	nc	nc	nc	2	0
8668	nc	nc	1.2	nc	2/1	0
8669	nc	nc	1.2	nc	2/1	0
8670	nc	nc	1.2	nc	2/1	0
8671	nc	nc	nc	nc	2	0
8672	nc	nc	nc	nc	2	0
8673	nc	nc	nc	nc	2	0
8674	6-4-1	8.5.10poco	8-1-8	85-8-9	1	1
8675	6-4-1	8.5.10poco	8-1-8	85-8-9	1	0
8676	6-4-1	8.5.10poco	8-1-8	85-8-9	1	1
8677	nc	nc	nc	nc	2	0
8678	nc	nc	nc	nc	2	0
8679	nc	4.4/p	nc	nc	2	0
8680	nc	nc	nc	nc	2	0
8681	nc	nc	nc	nc	2	0
8682	2-3	nc	1.5	nc	2/1	0
8683	nc	nc	nc	nc	2	0
8684	nc	nc	nc	nc	2	0
8685	nc	nc	nc	nc	1/2	0
8686		9.6.9poco	8-1-8	nc	2/1	0
8687	nc	nc	nc	nc	1/2	nc
8688	nc	nc	nc	nc	nc	nc
8689	nc	nc	nc	nc	nc	nc
8690	nc	nc	nc	nc	2	0
8691	nc	nc	nc	nc	2	0
8692	nc	nc	nc	nc	nc	nc
8693	nc	nc	nc	nc	nc	nc

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
8694	nc	nc	nc	nc	nc	nc
8695	nc	nc	nc	nc	nc	nc
8696	nc	nc	nc	nc	nc	nc
8697	nc	nc	nc	nc	2	0
8698	nc	nc	nc	nc	nc	nc
8699	nc	nc	nc	nc	nc	nc
8700	nc	nc	nc	nc	nc	nc
8701	6-5-6	6-1-4	7-4-8	6-4-13	2	0
8702	nc	nc	nc	nc	1	0
8703	nc	nc	nc	nc	2	0
8704	6-5-6	6-1-4	7-4-8	6-4-13	2	0
8705	6-5-6	6-1-4	7-4-8	6-4-13	2	0
8706	6-5-6	6-1-4	7-4-8	6-4-13	2	0
8707	6-5-6	6-1-4	7-4-8	6-4-13	1.2	0
8708	6-5-6	6-1-4	7-4-8	6-4-13	2	0
8709	6-5-6	6-1-4	7-4-8	6-4-13	2	0
8710	6-5-6	6-1-4	7-4-8	6-4-13	2	0
8711	6-5-6	6-1-4	7-4-8	6-4-13	2	0
8712	6-5-6	6-1-4	7-4-8	6-4-13	2	0
8713	6-5-6	6-1-4	7-4-8	6-4-13	2	0
8714	6-5-6	6-1-4	7-4-8	6-4-13	2	0
8715	6-5-6	6-1-4	7-4-8	6-4-13	2	0
8716	6-5-6	6-1-4	7-4-8	6-4-13	2	0
8717	6-5-6	6-1-4	7-4-8	6-4-13	2	0
8718	6-5-6	6-1-4	7-4-8	6-4-13	2	0
8719	6-5-6	6-1-4	7-4-8	6-4-13	2	0
8720	n.c	6.5.11poco	7-2-1	75-7-8	1	0
8721	n.c	6.5.11poco	7-2-1	75-7-8	1	0
8722	n.c	6.5.11poco	7-2-1	75-7-8	1	0
8723	n.c	6.5.11poco	7-2-5	75-7-8	1	0
8724	n.c	6.5.11poco	7-2-1	75-7-8	1	0
8725	4-4-1	6.1.4poco	7-4-8	nc	3	0
8726	n.c	6.5.11poco	7-2-1	75-7-8	1	0
8727	n.c	7-5-11	nc	85-7-8	1	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
8728	4-4-35	7-5-11	7-4-7	85-7-8	3	0
8729	4-4-35	6-3-10	7-4-7	nc	3	0
8730	6-3-35	7.5.11	7-3-2	85-7-8	1	0
8731	nc	nc	2-1	85-7-8	1	0
8732	nc	nc	2-1	85-7-8	1	0
8733	4-4-35	6-3-10	7-4-7	nc	3	0
8734	6-3-35	nc	7-4-7	nc	3	0
8735	7-3-35	95-3-10	7-3-1	85-7-8	3	1
8736	7-2-35	6-3-10	7-2-7	5-3-13	2	0
8737	7-2-35	6-3-10	7-2-7	5-3-13t	2	0
8738	7-2-35	6-3-10	7-2-7	5-3-13	2	0
8739	7-2-35	6-3-10	7-2-7	5-3-13	2	0
8740	7-4-35	7-3-6	7-2-7	5-3-13	2	0
8741	7-2-35	6-3-10	7-2-7	5-3-13	2	0
8742	7-2-35	8-10-35	7-2-7	5-3-13	2	0
8743	7-2-35	6-3-10	7-2-7	5-3-13	2	0
8744	7-2-35	6-3-10	7-2-7	5-3-13	2	0
8745	7-2-35	6-3-10	7-2-7	5-3-13	2	0
8746	7-4-10	7-3-6	7-2-7	5-3-13	2	0
8747	7-4-10	7-3-6	7-2-7	5-3-13	2	0
8748	7-2-35	6-3-10	7-2-7	5-3-13	2	0
8749	7-2-35	6-3-10	7-4-7	5-3-13	2	0
8750	7-2-35	6-3-10	7-4-7	5-3-13	2	0
8751	7-4-10	7-3-6	7-4-7	nc	1	1
8752	7-2-35	7-3-6	7-4-7	85-7-8	1	0
8753	nc	nc	nc	nc	2	0
8754	nc	nc	nc	nc	nc	nc
8755	nc	nc	nc	nc	2	0
8756	7-3-1	95-1-11	7-2-3	5-3-13	2	0
8757	n.c	7-3-6	7-2-7	85-7-8	2	0
8758	nc	nc	nc	nc	2	0
8759	7-3-1	95-1-11	7-2-3	5-3-13	2	0
8760	7-3-1	95-1-11	7-2-3	5-3-13	2	0
8761	nc	nc	nc	nc	2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
8762	nc	nc	nc	nc	2	0
8763	7-4-10	7-3-6	7-2-7	nc	2	0
8764	nc	nc	nc	nc	2	0
8765	nc	nc	nc	nc	1/2	0
8766	7-3-1	7-4-35	7-2-3	5-3-13	2	0
8767	6-3-1	9-1-11	7-2-3	5-3-13	2	0
8768	6-3-1	9-1-11	7-2-3	nc	2	0
8769	6-3-1	9-1-11	7-2-3	5-3-13	2	0
8770	6-3-1	9-1-11	7-2-3	5-3-13	2	0
8771	6-3-1	7-3-6	7-2-3	nc	2	0
8772	6-3-1	7-3-6	nc	5-3-13	2	0
8773	7-4-10	7-3-6	nc	nc	2	0
8774	nc	nc	2.1	85-7-8	1	0
8775	nc	nc	2.1	85-7-8	1	0
8776	7-4-10	7.3.6	nc	nc	2	0
8777	7-4-10	7-3-6	nc	nc	2	0
8778	7-4-10	7-3-6	7-2-7	nc	2	0
8779	7.5	4.5	2.5	nc	2/1	0
8780	7-4-10	4-5	7-2-7	nc	2/1	0
8781	7-4-10	4-5	nc	nc	2/1	0
8782	nc	nc	nc	nc	nc	nc
8783	2-1	nc	nc	nc	2	0
8784	4-2-36	7-5-11	7-2-7	85-7-8	2/1	1
8785	4-2-36	nc	7-2-7	85-7-8	2/1	1
8786	4-2-36	7-5-11	7-2-7	85-7-8	2/1	1
8787	4-2-36	nc	7-2-7	85-7-8	2/1	1
8788	4-2-36	7-5-11	7-2-7	85-7-8	2/1	1
8789	4-2-36	7-5-11	7-2-7	85-7-8	2/1	1
8790	4-2-36	7-5-11	7-2-7	85-7-8	2/1	1
8791	nc	nc	nc	nc	2	0
8792	4-2-36	7-5-11p	7-2-7	85-7-8	2/1	1
8793	4-2-36	7-5-11p	7-2-7	85-7-8	2/1	1
8794	4-2-36	7-5-11p	7-2-7	85-7-8	2/1	1
8795	4-2-36	7-5-11p	7-2-7	85-7-8	2/1	1

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
8796	4-2-36	7-5-11p	7-2-7	85-7-8	2/1	1
8797	4-2-36	7-5-11p	7-2-7	85-7-8	2/1	1
8798	4-2-36	7-5-11p	7-2-7	85-7-8	2/1	1
8799	nc	nc	nc	nc	2	0
8800	7-4-10	nc	7-2-7	nc	2	0
8801	7-4-10	nc	7-2-7	nc	2	0
8802	nc	nc	nc	nc	2	0
8803	7-4-10	7-3-6	7-2-7	nc	2	0
8804	7-4-10	7-3-6	7-2-7	nc	2	0
8805	7-4-10	7-3-6	7-2-7	nc	2	0
8806	2.5	4.5	nc	nc	2	0
8807	nc	nc	nc	nc	2	0
8808	nc	75-3-36	7-2-7	nc	nc	nc
8809	7-4-10	7-3-6	7-2-7	nc	2	0
8810	7-4-10	7-3-6	7-2-7	nc	2	0
8811	7-4-10	7-3-6	7-2-7	nc	2	0
8812	nc	nc	nc	nc	nc	nc
8813	7-4-10	nc	7-2-7	nc	2	0
8814	7-4-10	nc	7-2-7	nc	2	0
8815	nc	nc	nc	nc	2	0
8816	nc	nc	nc	nc	nc	nc
8817	nc	nc	nc	nc	nc	nc
8818	nc	nc	nc	nc	nc	nc
8819	nc	nc	nc	nc	2	0
8820	nc	nc	nc	nc	nc	nc
8821	nc	nc	nc	nc	nc	nc
8822	nc	nc	nc	nc	nc	nc
8823	nc	nc	nc	nc	nc	nc
8824	nc	nc	nc	nc	nc	nc
8825	nc	nc	nc	nc	nc	nc
8826	nc	nc	nc	nc	nc	nc
8827	nc	nc	nc	nc	nc	nc
8828	nc	nc	nc	nc	nc	nc
8829	nc	nc	nc	nc	nc	nc

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
8830	nc	nc	nc	nc	2	0
8831	nc	nc	nc	nc	2	0
8832	1-7-10	7-3-6	5-3-5	nc	2	0
8833	6-5-1	9-6-9 p	8-3-7	85-7-8	3	0
8834	7-4-10	9-1-33	8-2-6	nc	2	0
8835	nc	nc	nc	nc	2	0
8836	7-4-10	8-2-36	8-3-7	nc	2	0
8837	6-5-1	9-6-9 p	8-3-7	85-7-8	1	1
8838	nc	nc	nc	nc	2	0
8839	nc	nc	nc	nc	2	0
8840	nc	8-2-36	5-3-5	nc	2	0
8841	nc	nc	nc	nc	2	0
8842	7-4-10	9-1-33	8-2-6	nc	2	0
8843	7-2-35	7-3-6	5-3-5	nc	2	0
8844	nc	nc	nc	nc	2	0
8845	nc	nc	nc	nc	2	0
8846	7-2-36	7-1-33	5-3-3	nc	2	0
8847	7-4-10	9-1-33	5-3-5	85-7-8	1	1
8848	nc	8-85-1 p	8-1-35	85-7-8	1	0
8849	nc	8-85-1 p	8-1-35	85-7-8	1	0
8850	7-4-10	8-85-1 p	8-1-35	85-7-8	1	0
8851	nc	8-85-1 p	8-1-35	85-7-8	1	0
8852	7-4-10	9-1-33	8-3-7	nc	2	0
8853	7-4-10	9-1-33	8-3-7	nc	2	0
8854	7-4-10	9-1-33	8-3-7	nc	2	0
8855	7-4-10	9-1-33	8-3-7	nc	2	0
8856	nc	nc	nc	nc	2	0
8857	nc	nc	nc	nc	2	0
8858	nc	8.85.10p	8-1-35	85-7-8	1	0
8859	nc	8.85.10p	8-1-35	85-7-8	1	0
8860	1.3c1.1	8.85.10p	8-1-35	85-7-8	1	1
8861	nc	8.85.10p	8-1-35	85-7-8	1	0
8862	nc	8.85.10p	8-1-35	85-7-8	1	0
8863	5-4-36p	8-2-15p	6-5-2	6-3-15	2/1	1

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
8864	nc	8-85-10 p	8-1-35	85-7-8	1	0
8865	nc	8-85-10 p	8-1-35	85-7-8	1	0
8866	5-4-36 p	8-2-15p	6-5-2	6-3-15	2/1	0
8867	nc	8-85-10 p	8-1-35	6-3-15	1	0
8868	nc	8-85-10 p	8-1-35	6-3-15	1	0
8869	nc	8-85-10 p	8-1-35	6-3-15	1	0
8870	nc	8-85-10 p	8-1-35	6-3-15	1	0
8871	nc	8-85-10 p	8-1-35	6-3-15	1	0
8872	nc	8-85-10 p	8-1-35	6-3-15	1	0
8873	nc	8-85-10 p	8-1-35	6-3-15	1	0
8874	nc	8-85-10 p	8-1-35	6-3-15	1	0
8875	nc	8-85-10 p	8-1-35	6-3-15	1	0
8876	nc	8-85-10 p	8-1-35	6-3-15	nc	nc
8877	nc	nc	nc	nc	2	0
8878	nc	nc	nc	nc	nc	nc
8879	nc	nc	nc	nc	nc	nc
8880	nc	nc	nc	nc	nc	nc
8881	nc	nc	nc	nc	nc	nc
8882	nc	nc	nc	nc	nc	nc
8883	nc	nc	nc	nc	nc	nc
8884	nc	nc	nc	nc	nc	nc
8885	nc	nc	nc	nc	nc	nc
8886	nc	nc	nc	nc	nc	nc
8887	nc	nc	nc	nc	nc	nc
8888	nc	nc	nc	nc	nc	nc
8889	nc	nc	nc	nc	nc	nc
8890	nc	nc	nc	nc	nc	nc
8891	nc	nc	nc	nc	nc	nc
8892	nc	nc	nc	nc	nc	nc
8893	6-4-1	nc	8-3-7	85-7-8	nc	nc
8894	nc	nc	nc	nc	2	0
8895	nc	nc	nc	nc	2	0
8896	7-4-2	9-4-10	8-3-7	85-7-8	2	0
8897	nc	nc	nc	nc	2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
8898	nc	nc	nc	nc	2	0
8899	nc	nc	nc	nc	2	0
8900	1.3c1.1	9-6-9 p	8-3-7	85-7-8	2	0
8901	7-2-36	7-1-33	8-3-7	nc	1	1
8902	6-5-1	9-4-10	8-3-7	85-7-8	1	1
8903	6-5-1	nc	8-3-7	85-7-8	1	0
8904	nc	85-2-5 p	poco	nc	2/1	0
8905	7-4-10	9-1-33	poco	nc	2	0
8906	7-4-10	9-1-33	poco	nc	2	0
8907	5-3-3	7-1-33	6-3-5	nc	2	0
8908	nc	8-85-10 p	6-3-5	85-7-8	2	0
8909	nc	8-85-10 p	6-3-5	85-7-8	1	0
8910	nc	8-85-10 p	6-3-5	85-7-8	1	0
8911	4-2-36 p	8-85-10 p	5-3-4	85-7-8	1	0
8912	4-2-36 p	8-85-10 p	5-3-4	85-7-8	1	0
8913	4-2-36 p	8-85-10 p	5-3-4	85-7-8	1	0
8914	4-2-36 p	8-85-10 p	5-3-4	85-7-8	1	0
8915	4-2-36 p	8-85-10 p	5-3-4	85-7-8	1	0
8916	4-2-36 p	8-85-10 p	5-3-4	85-7-8	1	0
8917	4-2-36 p	8-85-10 p	5-3-4	85-7-8	1	0
8918	4-2-36 p	8-85-10 p	5-3-4	85-7-8	1	0
8919	4-2-36 p	8-85-10 p	5-3-4	85-7-8	1	0
8920	4-2-36	8-85-10 p	7-4-7	85-7-8	1	0
8921	4-2-36 p	8-85-10 p	5-3-4	85-7-8	1	0
8922	4-2-36 p	8-85-10 p	5-3-4	85-7-8	1	0
8923	4-2-36 p	8-85-10 p	5-3-4	85-7-8	2/1	1
8924	2.3c1.1	85-4-13	5-3-4	9-3-8	2/1	1
8925	4-2-36 p	8-85-10	75-3-2	5-3-13	2/1	1
8926	2.3c1.1	85-4-13	6-3-3	9-3-8	2/1	1
8927	4-2-36	85-4-13p	6-3-6	9-3-8	2/1	1
8928	4-2-36	85-4-13p	6-3-6	9-3-8	2/1	0
8929	4-2-36	85-4-13p	6-3-6	9-3-8	2/1	1
8930	4-2-36	85-4-13p	6-3-6	9-3-8	2/1	1
8931	4-2-36	85-4-13p	6-3-6	9-3-8	2/1	1

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
8932	4-2-36	85-4-13p	6-3-6	9-3-8	2/1	1
8933	4-2-36	85-4-13p	6-3-6	9-3-8	1	1
8934	4-2-36	85-4-13p	6-3-6	9-3-8	2/1	1
8935	nc	85-4-13p	7-2-3	5-3-13	2/1	1
8936	4-2-36	85-4-13p	6-3-6	9-3-8	2/1	1
8937	4-2-36	85-4-13	6-3-6	9-3-8	2/1	1
8938	4-2-36	85-4-13p	6-3-6	9-3-8	2/1	1
8939	8-1-2	7-2-3 p	7-2-5	9-3-8	2	0
8940	8-1-2	7-2-3	7-2-5	9-3-8	2	0
8941	7-4-10	7-2-3	7-4-8	9-3-8	2	0
8942	7-4-10	7-2-3	7-4-8	9-3-8	2	0
8943	7-4-10	7-2-3	7-4-8	nc	2	0
8944	7-4-10	7-2-3	7-4-8	nc	2/1	0
8945	8-1-2	7-2-3	7-4-8	nc	2	0
8946	7-4-10	7-2-3	7-4-8	nc	2	0
8947	8-1-2	7-2-3	7-4-8	nc	2	0
8948	8-1-2	7-2-3	7-4-8	nc	2	0
8949	7-4-10	7-2-3	7-4-8	nc	2	0
8950	7-4-10	7-2-3	7-4-8	nc	2	0
8951	8-1-2	7-2-3	7-4-8	nc	2/1	0
8952	7-4-10	7-2-3	7-4-8	nc	2	0
8953	7-4-10	7-2-3	7-4-8	nc	2	0
8954	8-1-2	7-2-3	7-4-8	6-3-18 p	2	0
8955	8-1-2	7-2-3	7-4-8	6-3-18 p	2	0
8956	8-1-2	7-2-3	7-4-8	6-3-18 p	2	0
8957	8-1-2	7-2-3	7-4-8	nc	2	0
8958	8-1-2	7-2-3	7-4-8	nc	2	0
8959	8-1-2	7-2-3	7-4-8	nc	2	0
8960	8-1-2	7-2-3	7-4-8	6-3-18 p	2	0
8961	8-1-2	7-2-3	7-4-8	6-3-18 p	2	0
8962	8-1-2	7-2-3	7-4-8	6-3-18 p	2	0
8963	8-1-2	7-2-3	7-4-8	6-3-18 p	2	0
8964	8-1-2	7-2-3	7-4-8	6-3-18 p	2	0
8965	8-1-2	7-2-3	7-4-8	6-3-18 p	2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
8966	8-1-2	7-2-3	7-4-8	6-3-18 p	2	0
8967	8-1-2	7-2-3	7-4-8	6-3-18 p	2	0
8968	8-1-2	7-2-3	7-4-8	6-3-18 p	2	0
8969	8-1-2	7-2-3	7-4-8	6-3-18 p	2	0
8970	8-1-2	7-2-3	7-4-8	6-3-18 p	2	0
8971	nc	nc	nc	nc	2/1	0
8972	8-1-2	7-2-3	nc	9-3-8	1	0
8973	6-4-1	nc	8-1-2	9-3-8	2	0
8974	nc	7-2-3	nc	9-3-8	2/1,1	0
8975	6-4-1	nc	8-1-2	9-3-8	1	0
8976	7-1-2	7-2-3	7-4-8	nc	1	0
8977	2.5	1.6	1.5	nc	2	0
8978	7-1-2	7-2-3	7-4-8	nc	2	0
8979	7-1-2	7-2-3	7-4-8	nc	2	0
8980	7-1-2	7-2-3	7-4-8	nc	2	0
8981	6-4-1	nc	8-1-2	9-3-8	1	0
8982	7-1-2	7-2-3	7-4-8	nc	2	0
8983	7-1-2	7-2-3	7-4-8	nc	2	0
8984	7-1-2	7-2-3	8-1-2	nc	2	0
8985	6-4-1	nc	1.3	nc	1	0
8986	7-1-2	7-2-3	1-6-3	9-3-8	2/1	0
8987	2.5	1-6	1-5	nc	2	0
8988	2.2	2.6	1.5	5.6 de VB	1	0
8989	nc	5-5	3-5	5.6 de VB	1	0
8990	nc	5-5	3-5	5.6 de VB	1	0
8991	nc	8-85-10	8-2-6	5.6 de VB	1	0
8992	nc	5-5	3-5	5.6 de VB	2/1	0
8993	nc	5-5	3-5	5.6 de VB	2/1	0
8994	nc	5-5	3-5	5.6 de VB	1	0
8995	nc	nc	nc	nc	2	0
8996	nc	nc	nc	nc	2	0
8997	nc	8-85-10	8-2-6	nc	1	0
8998	nc	5-5	3-5	5.6 de VB	2/1	0
8999	nc	8-85-10	7-4-7	nc	1	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9000	nc	nc	nc	nc	1/2	0
9001	2.4c1.1	9-5-10	85-2-4	85-5-8	2/1	1
9002	6-2-36 p	95-3-10 p	8-3-7	3-2.5-9	3	0
9003	6-2-36 p	95-3-10 p	8-2-6 p	3-2.5-9	3	0
9004	8-1-35 p	95-3-10 p	8-2-6 p	8-8-9	1	1
9005	8-2-5	7-1-35	8-3-9p	8-8-9	1	0
9006	nc	nc	nc	5.6 de VB	1	0
9007	6-5-1	7-3-1	8-3-7	5.6 de VB	2/1	0
9008	7-2-2	75-3-2	85-2-4	nc	2	0
9009	7-2-2	75-3-2	85-2-4	nc	2	0
9010	nc	9-5-9	nc	5.6 de VB	1/2	0
9011	5-4-1	9-6-10	6-5-34	nc	3	1
9012	nc	5-5	3-5	nc	1	0
9013	7-2-5	8-3-8	7-4-7	nc	2	0
9014	nc	8-5-8	nc	8-8-9	1	0
9015	1.4	3.4	1.5	nc	2	0
9016	nc	nc	nc	nc	nc	nc
9017	7-3-6	6-4-7	8-3-7	8-8-9	1	0
9018	7-3-6	6-4-7	8-3-7	nc	2	0
9019	7-3-6	6-4-7	8-2-6/p	85-5-8	1	0
9020	7-3-6	6-4-7	8-3-7	nc	2/1	0
9021	nc	nc	nc	nc	2/1	0
9022	nc	nc	1.2	5.6 de VB	1/2	0
9023	nc	nc	nc	nc	2	0
9024	nc	nc	nc	nc	2	0
9025	nc	nc	nc	nc	nc	nc
9026	nc	nc	nc	nc	nc	nc
9027	nc	nc	nc	nc	nc	nc
9028	6-2-36/p	95-3-10	8-3-7	nc	3	0
9029	6-2-36	95-3-10	8-3-7	3-2.5-9	3	0
9030	nc	nc	nc	nc	nc	nc
9031	8-1-35	7-1-35	8-3-7	nc	3	0
9032	nc	nc	nc	nc	nc	nc
9033	nc	nc	nc	nc	nc	nc

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9034	nc	nc	nc	nc	2	0
9035	6.2c1.2	nc	nc	nc	2/1	0
9036	nc	nc	nc	nc	2	0
9037	8-1-35	7-1-35	8-3-7	nc	2	0
9038	8-1-35	7-1-35	8-3-7	nc	2	0
9039	8-1-35	7-1-35	8-3-7	nc	2	0
9040	nc	nc	nc	nc	nc	nc
9041	nc	nc	nc	nc	nc	nc
9042	8-1-35	7-1-35	8-3-7	nc	2	0
9043	8-1-35	7-1-35	8-3-7	nc	2	0
9044	2.5	3.4	2.3	nc	2	0
9045	nc	nc	nc	nc	nc	nc
9046	nc	nc	nc	nc	nc	nc
9047	nc	nc	nc	nc	nc	nc
9048	nc	nc	nc	nc	nc	nc
9049	nc	nc	nc	nc	nc	nc
9050	nc	nc	nc	nc	nc	nc
9051	nc	nc	nc	nc	nc	nc
9052	nc	nc	nc	nc	nc	nc
9053	nc	nc	nc	nc	nc	nc
9054	nc	nc	nc	nc	nc	nc
9055	nc	nc	nc	nc	nc	nc
9056	nc	nc	nc	nc	nc	nc
9057	nc	nc	nc	nc	nc	nc
9058	nc	nc	nc	nc	nc	nc
9059	nc	nc	nc	nc	nc	nc
9060	7-4-1	75-5-15	8-1-33	nc	2/1	0
9061	7-4-1	nc	8-1-33	nc	2/1	0
9062	7-4-1	nc	8-1-33	nc	2/1	0
9063	7-4-1	75-5-15	8-1-33	nc	2/1	0
9064	7-4-1	nc	8-1-33	nc	2/1	0
9065	7-4-1	nc	8-1-33	nc	2/1	0
9066	7-4-1	nc	8-1-33	nc	2/1	0
9067	7-4-1	nc	8-1-33	nc	2/1	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9068	7-4-1	nc	8-1-33	nc	2/1	0
9069	7-4-1	nc	8-1-33	nc	2/1	0
9070		nc	8-1-33	nc	2/1	0
9071	7-4-1	nc	8-1-33	9-4-8	2/1	0
9072	7-4-1	nc	8-1-33	9-4-8	2/1	0
9073	7-4-1	nc	8-1-33	9-4-8	2/1	0
9074	7-4-1	nc	8-1-33	9-4-8	2/1	0
9075	nc	nc	nc	nc	2	0
9076	nc	nc	nc	nc	2	0
9077	nc	nc	nc	nc	2	0
9078	nc	nc	nc	nc	2	0
9079	nc	nc	nc	nc	2	0
9080	nc	nc	nc	nc	2	0
9081	nc	nc	nc	nc	2	0
9082	8-1-35	7-1-35	8-3-7	nc	2	0
9083	8-1-35	7-1-35	8-3-7	nc	2	0
9084	nc	nc	nc	nc	2	0
9085	nc	nc	nc	nc	2	0
9086	nc	nc	nc	nc	2	0
9087	nc	nc	nc	nc	2	0
9088	nc	nc	nc	nc	2	0
9089	nc	nc	nc	nc	2	0
9090	nc	nc	nc	nc	2	0
9091	2.5c1.1	nc	2-5	nc	1	0
9092	contaminada	2-6	2-3	nc	2	0
9093	2-3	2-6	1-5	nc	1	0
9094	contaminada	2-6	2-5	9-6-9	1	0
9095	2-3	nc	1-5	nc	1	0
9096	contaminada	2-6	2-3	nc	2	0
9097	contaminada	2-6	2-3	nc	1	0
9098	contaminada	2-6	2-5	nc	1	0
9099	2-3	2-6	2-5	nc	1	0
9100	contaminada	2-6	2-5	nc	1	0
9101	contaminada	2-6	2-5	9-6-9	2/1	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9102	contaminada	2-6	2-3	nc	2	0
9103	1-3	6-7	2-5	nc	1	1
9104	2.5c1.3	5-8	2-5	nc	2/1	1
9105	2.5c1.3	5-8	2-5	nc	2/1	0
9106	2.5c1.3	1-6	2-5	nc	2/1	0
9107	nc	nc	nc	nc	2	0
9108	nc	nc	nc	nc	2	0
9109	nc	nc	nc	nc	2	0
9110	nc	nc	nc	nc	2	0
9111	nc	nc	nc	nc	2	0
9112	2-5	1-6	2-5	nc	2	0
9113	nc	nc	nc	nc	2	0
9114	nc	nc	nc	nc	2	0
9115	nc	nc	nc	nc	nc	nc
9116	nc	nc	nc	nc	nc	nc
9117	nc	nc	nc	nc	2	0
9118	nc	nc	nc	nc	nc	nc
9119	2-5	3.4	2-5	nc	2	0
9120	nc	nc	nc	nc	nc	nc
9121	nc	nc	nc	nc	nc	nc
9122	nc	nc	nc	nc	2	0
9123	nc	nc	nc	nc	2	0
9124	nc	nc	nc	nc	nc	nc
9125	nc	nc	nc	nc	nc	nc
9126	nc	nc	nc	nc	nc	nc
9127	nc	nc	nc	nc	nc	nc
9128	nc	nc	nc	nc	nc	nc
9129	nc	nc	nc	nc	nc	nc
9130	2.4	3.4	2.3	nc	2	0
9131	2-5	1-6	nc	nc	2	0
9132	2.5c1.3	5-8	2-5	nc	1	1
9133	2.5c1.3	5-8	2-5	nc	1	0
9134	2-3	5-8	1-5	nc	2/1	0
9135	2-3	6-7	1-5	nc	1	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9136	2-3	6-7	1-5	nc	1	0
9137	2-3	6-7	1-5	nc	1	1
9138	2-3	6-7	1-5	nc	1	0
9139	1-1	3-6	2-5	nc	3	0
9140	1-1	6-7	2-5	nc	1	0
9141	1-1	6-7	2-5	nc	1	0
9142	1-1	6-7	2-5	nc	1	0
9143	1-1	6-7	2-5	nc	1	0
9144	1-1	6-7	2-5	nc	1	0
9145	1-1	6-7	2-5	nc	2/1	0
9146	1-1	6-7	2-5	nc	1	0
9147	1-1	6-7	2-5	nc	1	0
9148	1-1	6-7	2-5	nc	1	0
9149	1-1	6-7	2-5	nc	1	0
9150	1-1	6-7	2-5	nc	1	0
9151	2-2	nc	1-5	nc	1	0
9152	2-2	nc	1-5	nc	1	0
9153	2-2	nc	1-5	nc	1	0
9154	2-2	nc	1-5	nc	1	0
9155	2-2	nc	1-5	nc	1	0
9156	1.3c1.1	2-6	1-5	nc	1	0
9157	1.3c1.1	2-6	1-5	nc	1	1
9158	1.3c1.1	2-6	1-5	nc	1	0
9159	2-2	5-7	1-3	nc	1	0
9160	1.3c1.1	nc	2-1	nc	1	1
9161	1.3c1.1	nc	2-1	nc	1	0
9162	1.3c1.1	5-8	1-5	nc	2/1	0
9163	1.3c1.1	5-8	1-5	nc	2/1	0
9164	1.3c1.1	5-7	1-5	nc	1	1
9165	1.3c1.1	5-7	2-1	nc	1	0
9166	nc	nc	nc	nc	?	?
9167	1-1	nc	1-3	nc	1	1
9168	1-1	nc	1-3	nc	1	0
9169	1-1	nc	1-3	nc	2/1	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9170	1-1	nc	1-3	nc	2/1	0
9171	1-3	nc	2-1	nc	1/2	0
9172	1-2	nc	2-1	nc	1/2	0
9173	1-2	nc	2-1	nc	1/2	0
9174	1-3	nc	2-1	nc	1/2	0
9175	2.3c1.1	5-7	1-5	nc	1	1
9176	1-1	nc	1-2	nc	1	1
9177	1-1	nc	1-2	nc	2/1	0
9178	1-1	nc	1-2	nc	2/1/2	0
9179	1-1	nc	2-5	nc	1/2	0
9180	1-1	nc	1-2	nc	2/1	0
9181	1-1	5-7	1-2	nc	2/1	0
9182	1-1	nc	1-2	nc	1/2	0
9183	1-1	nc	1-2	nc	1/2	0
9184	1-1	nc	1-2	nc	1	0
9185	1-1	nc	1-2	nc	1	0
9186	2.2	5.7	2.1	nc	1	0
9187	1.1	nc	2.3	nc	2/1	1
9188	1.1	nc	1.3	nc	nc	nc
9189	2.1	5.7	2.1	nc	1	0
9190	1-1	nc	1-2	nc	2/1	0
9191	1-1	nc	1-2	nc	1	0
9192	1-1	nc	1-2	nc	1	0
9193	2-1	nc	2-3	nc	2/1	0
9194	2-1	nc	2-3	nc	2/1	0
9195	2-1	nc	2-3	nc	1	0
9196	2-1	nc	2-3	nc	2/1	0
9197	2-1	nc	2-3	nc	2/1	0
9198	2-1	nc	2-3	nc	2/1	0
9199	1-2	nc	2-3	nc	1/2	0
9200	1-2	nc	2-3	nc	2/1	0
9201	1.2c1.1	nc	2-3	nc	2/1	0
9202	1.2c1.1	nc	2-3	nc	2/1/2	0
9203	1.2c1.1	nc	2-3	nc	1	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9204	1.2c1.1	nc	2-3	nc	2/1/2	0
9205	1.2c1.1	nc	2-3	nc	1/2	0
9206	1-4	nc	2-3	nc	1/2	0
9207	1.2c1.1	nc	2-3	nc	1	0
9208	2.2c1.1	nc	2-3	nc	1	0
9209	2.2c1.1	nc	1-3	nc	1	0
9210	2.2c1.1	nc	1-3	nc	1	0
9211	1.1	5.7p	1.2	nc	1	0
9212	2.2c1.1		1-3	nc	1	0
9213	2.2c1.1		1-3	nc	1	0
9214	2.2c1.1		nc	nc	1/2	0
9215	2.2c1.1		nc	nc	1/2	0
9216	nc		1-3	nc	1	0
9217	1.1	5.5	2.3	nc	2/1	1
9218	2.2c1.1		2.3	nc	1	0
9219	1.1		2.1	nc	2	0
9220	1.1	5.5	2.3	nc	2/1	1
9221	2.2c1.1	5.5	2.1	nc	1	0
9222	1.1	5.5	2.3	nc	1	0
9223	2.2c1.1	5-5	2.1	nc	1	1
9224	1.1	nc	2.1	nc	1/2	0
9225	2.5	2.6	2.1	nc	2	0
9226	2.5	2.6	2.1	nc	2	0
9227	2.5	2.6	2.1	nc	2	0
9228	2.5	2.6	2.1	nc	2	0
9229	2.5	2.6	2.1	nc	2	0
9230	2.5	2.6	2.1	nc	2	0
9231	2.4	2.6	1.3	nc	2	0
9232	2.4	2.6	3.5c1.3	nc	2	0
9233	2.4	2.6	3.5c1.3	nc	2	0
9234	2.4	2.6	3.5c1.3	nc	2	0
9235	2.4	2.6	3.5c1.3	nc	2	0
9236	2.4	2.6	3.5c1.3	nc	2	0
9237	2.4	2.6	3.5c1.3	nc	2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9238	2.4	2.6	3.5c1.3	nc	2	0
9239	2.4	2.6	3.5c1.3	nc	2	0
9240	2.4	2.6	3.5c1.3	nc	2	0
9241	1.1	nc	1.3	nc	1/2	0
9242	1.1	2.6	1.3	nc	1	0
9243	1.1	2.6	1.3	nc	1/2	0
9244	1.1	2.6	1.3	nc	1	0
9245	1.1	2.6	1.3	nc	1	0
9246	1.1	2.6	1.3	nc	1	0
9247	1.1	nc	1.2	nc	1	0
9248	1.1	nc	2.1	nc	2/1	0
9249	1.1	nc	2.1	nc	2/1	0
9250	1.1	nc	1.2	nc	1	0
9251	1.1	nc	2.1	nc	1	0
9252	1.1	nc	2.1	nc	1/2	0
9253	1.1	nc	2.1	nc	2/1	0
9254	1.1	nc	2.1	nc	2/1	0
9255	1.1	nc	2.1	nc	2/1	0
9256	1.1	nc	2.1	nc	1/2	0
9257	2.5c1.1	nc	1.2	nc	1/2	0
9258	2.5c1.1	nc	1.2	nc	1	0
9259	2.5c1.1	nc	1.2	nc	1/2	0
9260	2.5c1.1	nc	1.2	nc	1	1
9261	2.5c1.1	nc	1.2	nc	1/2	0
9262	2.2	nc	1.2	nc	2/1	0
9263	2.2	nc	1.5	nc	1	0
9264	2.2	nc	2.5	nc	2/1	0
9265	2.2	nc	2.5	nc	1/2	0
9266	2.2	nc	2.5	nc	1	0
9267	2.2	nc	2.5	nc	1/2	0
9268	2.5c1.1	nc	2.5	nc	1	0
9269	2.5c1.1	nc	2.5	nc	1/2	0
9270	2.5c1.1	nc	2.5	nc	1/2	0
9271	Conta.	nc	2.5	nc	1/2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9272	2.5c1.1	nc	1.2	nc	1	1
9273	2.5c1.1	nc	2.1	nc	1/2	0
9274	1.1	nc	2.1	nc	1	0
9275	2.5c1.1	nc	2.1	nc	1	0
9276	2.5c1.1	nc	2.1	nc	1/2	0
9277	2.2	nc	2.1	nc	1/2	0
9278	2.5c1.1	nc	2.1	nc	1	0
9279	2.5c1.1	nc	2.1	nc	1	0
9280	2.5c1.1	nc	2.1	nc	1/2	0
9281	2.5c1.1	nc	2.1	nc	1	0
9282	1.1	5.7	1.2	nc	1	0
9283	2.5c1.1	nc	2.1	nc	1	1
9284	1.1	nc	2.1	nc	1/2	0
9285	1.1	nc	2.1	nc	1	0
9286	1.1	nc	2.1	nc	1/2	0
9287	2.5c1.1	nc	2.1	nc	1/2	0
9288	1.3	nc	1.2	nc	1	0
9289	1.3	nc	1.2	nc	1	0
9290	1.3	nc	1.2	nc	1/2	0
9291	1.3	nc	1.2	nc	1	0
9292	1.3c1.1	nc	1.2	nc	1	0
9293	1.3	nc	1.5	nc	1/2	1
9294	1.3	nc	1.2	nc	1	0
9295	1.3c1.1	nc	1.5	nc	1	0
9296	1.3	nc	1.2	nc	1	1
9297	1.3	nc	1.2	nc	1	0
9298	1.3	nc	1.2	nc	1/2	0
9299	1.3	nc	1.2	nc	1/2	0
9300	1.3	nc	1.2	nc	1	0
9301	1.3	nc	1.2	nc	1/2	0
9302	1.3	nc	1.2	nc	1	1
9303	1.3	nc	2.1	nc	1	0
9304	2.5	nc	2.5	nc	2	0
9305	2.2	5.8	2.5	nc	1/2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9306	2.3	nc	2.5	nc	1	0
9307	2.3	2.6	1.2	nc	1	0
9308	x	2.6	2.5	nc	1/2	0
9309	2.2	2.6	2.5	nc	1	0
9310	1.3	nc	2.1	nc	1	0
9311	Conta.	2.6	2.5	nc	1	1
9312	2.2	2.6	2.5	nc	1/2	0
9313	x	2.6	2.5	nc	1	0
9314	x	2.6	2.5	nc	2/1	0
9315	x	2.6	2.5	nc	1/2	0
9316	x	2.6	2.5	nc	2/1	0
9317	2.2	3.6	2.5	nc	1	0
9318	6.2c2.2	2.6	2.5	nc	1	0
9319	6.2c2.2	2.6	2.5	nc	1	0
9320	2.2	nc	2.1	nc	1	0
9321	1.1	nc	2.1	nc	1	0
9322	1.1	nc	2.1	nc	1	0
9323	1.1	nc	2.1	nc	1	0
9324	1.1	nc	2.1	nc	1	0
9325	1.1	nc	2.1	nc	1	0
9326	1.1	nc	2.1	nc	1	0
9327	1.1	nc	2.1	nc	1	0
9328	1.1	5.7p	2.1	nc	1/2	0
9329	1.1	nc	2.1	nc	2	0
9330	nc	nc	2.3	nc	1/2	0
9331	1.1	nc	2.1	nc	1	0
9332	1.1	nc	2.1	nc	1	0
9333	1.1	nc	2.1	nc	1	0
9334	1.1	5.7p	2.1	nc	1	0
9335	1.1	nc	2.1	nc	1	0
9336	1.4c1.1	nc	2.3	nc	1	0
9337	1.4c1.1	nc	2.3	nc	1/2	0
9338	1.4c1.1	nc	2.3	nc	1/2	0
9339	1.4c1.1	nc	2.3	nc	1/2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9340	1.4c1.1	nc	2.3	nc	1	0
9341	1.4c1.1	nc	2.3	nc	1/2	0
9342	1.4c1.1	nc	2.3	nc	1/2	0
9343	1.4c1.1	1.3	2.1	nc	1/2	0
9344	1.4c1.1	1.3	2.1	nc	1	0
9345	1.4c1.1	1.3	2.1	nc	1/2	0
9346	1.4c1.1	1.3	2.1	nc	1/2	0
9347	1.4c1.1	1.3	2.1	nc	1/2	0
9348	1.4c1.1	1.3	2.1	nc	1	0
9349	1.4c1.1	1.3	2.1	nc	1	0
9350	1.4c1.1	1.3	2.1	nc	1	0
9351	1.4c1.1	1.3	2.1	nc	1/2	0
9352	2.1	nc	1.5	nc	1/2	0
9353	2.4	nc	2.5	nc	1	0
9354	2.4	nc	2.5	nc	1	0
9355	75-30-20	3.6	2.1	nc	2	0
9356	75-30-20	3.6	2.1	nc	2	0
9357	75-30-20	3.6	2.1	nc	2	0
9358	75-30-20	3.6	2.1	nc	2	0
9359	2.3	3.6	2.1	nc	2	0
9360	75-30-20	3.6	1.2	nc	2	0
9361	75-30-20	3.6	1.2	nc	2	0
9362	75-30-20	3.6	1.2	nc	2	0
9363	2.3	3.6	1.2	nc	2	0
9364	2.3	3.6	1.2	nc	2	0
9365	75-30-20	3.6	1.2	nc	2	0
9366	75-30-20	3.6	1.2	nc	2	0
9367	75-30-20	5.7	1.2	nc	1	0
9368	2.3	3.6	2.1	nc	1	0
9369	75-30-20	3.6	2.1	nc	1/2	0
9370	75-30-20	3.6	2.1	nc	2	0
9371	75-30-20	3.6	2.1	nc	2	0
9372	75-30-20	3.6	2.1	nc	2	0
9373	75-30-20	3.6	2.1	nc	2	1

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9374	75-30-20	3.6	2.1	nc	2	0
9375	75-30-20	3.6	2.1	nc	2	0
9376	2.3c1.1	5.8	1.5	nc	2/1	0
9377	2.3c1.1	5.8	1.5	nc	1	0
9378	2.3c1.1	5.8	1.5	nc	1	0
9379	2.3c1.1	5.8	1.5	nc	1	0
9380	2.3c1.1	5.8	1.5	nc	1	0
9381	2.3c1.1	5.8	1.5	nc	1	0
9382	2.3c1.1	5.8	1.5	nc	1	0
9383	2.3c1.1	5.8	1.5	nc	1	1
9384	2.3c1.1	5.8	1.5	nc	1	1
9385	2.3c1.1	5.8	1.5	nc	1	0
9386	75-30-20	3.6	2.1	nc	2	0
9387	75-30-20	3.6	2.1	nc	2	0
9388	75-30-20	3.6	2.1	nc	2	0
9389	2.2	2.6	1.5	nc	2	0
9390	2.2	2.6	1.5	nc	2	0
9391	2.2	2.6	1.5	nc	2	0
9392	2.2	2.6	1.5	nc	2	0
9393	2.2	2.6	1.5	nc	2	0
9394	1.1	5.5	2.3	nc	1	0
9395	2.2	5.4	2.3	nc	1	0
9396	1.1	5.4	2.3	nc	1	0
9397	1.1	5.4	2.3	nc	1	0
9398	1.1	5.4	2.3	nc	1	0
9399	1.1	5.5	2.3	nc	2/1	0
9400	1.1	5.5	2.3	nc	2/1	0
9401	1.1	5.5	2.3	nc	2/1	0
9402	1.1	5.5	2.3	nc	2/1	0
9403	1.1	5.5	2.3	nc	2/1	0
9404	1.1	nc	2.3	nc	1	0
9405	2.2	5.6	2.5	nc	2/1	0
9406	2.3	5.6	2.3	nc	2/1	0
9407	2.3	5.6	2.3	nc	2/1	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9408	2.2	5.6	2.3	nc	2/1	1
9409	1.1	5.6	2.1	nc	2/1	0
9410	1.1	5.6	2.1	nc	2	0
9411	1.1	5.5	2.1	nc	2/1	0
9412	1.1	5.5	2.1	nc	2/1	0
9413	2.2c1.1	5.6	2.1	nc	2/1	0
9414	1.1	5.6	2.1	nc	2	0
9415	1.1	5.6	2.1	nc	2	0
9416	2.2	5.6	2.1	nc	2	0
9417	2.2c1.1	5.6	2.1	nc	1	0
9418	2.5	2.5	1.5	nc	2/1	0
9419	2.5c2.1	2.5	2.5	nc	2/1	0
9420	2.5c2.1	2.5	1.1	nc	2/1	0
9421	2.3	2.6	2.3	nc	2/1	1
9422	2.5c2.3	3.6	1.5	nc	2/1	0
9423	2.3c2.2	5.6	1.5	nc	2/1	0
9424	2.3c2.2	5.6	1.5	nc	2/1	0
9425	2.3c2.2	nc	1.5	nc	2/1	0
9426	2.3c2.2	5.6	1.5	nc	2/1	0
9427	2.3c2.2	nc	1.5	nc	2/1	0
9428	2.5c1.1	nc	1.5	nc	1	0
9429	2.3c2.2	5.6	1.5	nc	1	1
9430	2.3c2.2	5.6	1.5	nc	2/1	0
9431	2.3c2.2	5.6	1.5	nc	2/1	0
9432	2.3c2.2	5.6	1.5	nc	2/1	0
9433	2.3c2.2	5.6	1.5	nc	2/1	0
9434	2.3c2.2	5.6	1.5	nc	2/1	0
9435	2.3c2.2	5.6	1.5	nc	2/1	0
9436	2.3c2.2	nc	1.5	nc	2/1	0
9437	2.3c2.2	nc	1.5	nc	2/1	0
9438	2.3c1.1	5.7	2.3	nc	1	0
9439	2.3c1.1	5.7	2.3	nc	2/1	0
9440	2.3c1.1	5.7	2.3	nc	1	1
9441	2.3c1.1	5.7	2.3	nc	2/1	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9442	1.1	5.7	2.3	nc	2/1	0
9443	2.3c1.1	5.7	2.3	nc	1	0
9444	1.1	nc	1.5	nc	2/1	0
9445	1.1	5.7	1.5	nc	2/1	0
9446	1.1	5.7	1.5	nc	1	0
9447	1.1	5.7	1.5	nc	1	0
9448	1.1	5.7	1.5	nc	2/1	0
9449	1.1	5.7	1.5	nc	2/1	0
9450	1.1	5.7	1.5	nc	1	0
9451	1.1	5.7	1.5	nc	2/1	0
9452	1.1	5.7	1.5	nc	2/1	0
9453	1.1	5.7	1.5	nc	1	0
9454	1.1	5.7	1.5	nc	2/1	0
9455	1.1	5.7	1.5	nc	2/1	0
9456	1.1	5.7	1.5	nc	2/1	0
9457	1.1	5.7	1.5	nc	2/1	1
9458	1.1	5.7	1.5	nc	2/1	0
9459	2.2c1.1	5.7	1.5	nc	2/1	0
9460	2.2c3.5	4.6	1.3	nc	2/1	0
9461	2.2c1.1	nc	1.3	nc	1	0
9462	2.2c3.5	3.6	1.3	nc	1	0
9463	2.2c3.5	5.8	1.3	nc	1	0
9464	2.5c2.3	5.8	2.3	nc	2	0
9465	2.5c2.3	4.6c3.6	2.3	nc	2	0
9466	2.5c2.3	4.6c3.6	1.3	nc	2	0
9467	2.5c2.3	4.6c3.6	1.3	nc	2/1	0
9468	2.2	5.8	2.1	nc	2/1	0
9469	2.4	6.7	1.2	nc	1	0
9470	2.4	6.7	1.2	nc	1	0
9471	2.2	nc	1.2	nc	1	0
9472	2.4	6.7	1.2	nc	1	0
9473	2.4	6.7	1.2	nc	1	0
9474	2.3	5.6	1.2	nc	1	0
9475	2.3	5.6	1.2	nc	1	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9476	2.4	nc	1.2	nc	1	0
9477	2.4	nc	1.2	nc	2	0
9478	nc	nc	nc	nc	nc	nc
9479	2.3	5.7	1.2	nc	2	0
9480	2.3	5.7	1.2	nc	1	0
9481	2.3	nc	1.2	nc	1	0
9482	2.2	6.7	1.2	nc	1	0
9483	2.1	nc	1.5	nc	1	0
9484	2.1	nc	1.5	nc	1	0
9485	2.1	nc	1.5	nc	1	0
9486	1.1	nc	1.2	nc	1	0
9487	nc	nc	1.2	nc	1	1
9488	1.1	nc	2.5	nc	1	0
9489	1.1	nc	1.2	nc	1	0
9490	1.1	nc	2.5	nc	1	0
9491	1.1	nc	2.5	nc	1	0
9492	1.1	nc	2.5	nc	1	0
9493	1.3c2.3	5.7	2.5	nc	2/1	0
9494	1.2	5.7	1.2	nc	1	0
9495	1.3	5.7	1.5	nc	1	0
9496	1.1	5.7	1.2	nc	1	0
9497	1.1	5.7	1.2	nc	1	0
9498	1.1	5.7	1.2	nc	2/1	0
9499	1.3c2.3	5.7	1.2	nc	1	1
9500	1.1	nc	1.2	nc	1	0
9501	2.3	nc	1.2	nc	1	1
9502	1.2	nc	2.5	nc	1	1
9503	1.2	nc	2.5	nc	1	0
9504	1.2	nc	2.5	nc	1	0
9505	1.1	5.7	1.5	nc	1	0
9506	1.1	5.7	1.5	nc	2/1	0
9507	1.1	5.7	1.5	nc	1	0
9508	1.1	5.7	1.5	nc	1	0
9509	1.1	nc	2.5	nc	1	1

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9510	2.3	nc	2.5	nc	1	0
9511	2.3	nc	2.5	nc	1	1
9512	2.3	nc	2.5	nc	1	0
9513	1.1	nc	2.5	nc	1	0
9514	2.2	5.7	2.5	nc	2/1	0
9515	1.1	nc	2.5	nc	2/1	0
9516	1.1	nc	2.5	nc	1	0
9517	1.1	nc	2.5	nc	1	1
9518	1.1	nc	2.5	nc	1	0
9519	1.1	5.7	2.5	nc	2/1	0
9520	nc	nc	nc	nc	nc	nc
9521	1.3	5.8	1.5	nc	1	0
9522	1.1	nc	2.5	nc	3	0
9523	1.1	nc	1.2	nc	1	1
9524	1.1	nc	1.2	nc	1	0
9525	1.1	nc	1.2	nc	1	0
9526	1.1	nc	1.2	nc	1	0
9527	2.3	nc	1.2	nc	1	1
9528	1.1	nc	1.2	nc	2/1	0
9529	2.4	nc	1.2	nc	1	0
9530	6.2c2.2	2.6	1.2	nc	2/1	0
9531	2.3	nc	2.1	nc	1	0
9532	2.3	2.6	2.1	nc	2/1	0
9533	6.2c2.2	2.6	2.5	nc	2	0
9534	6.2c2.2	2.6	2.5	nc	2	0
9535	nc	nc	nc	nc	nc	nc
9536	2.3c1.1	nc	2.5	nc	2/1	0
9537	2.1	nc	2.5	nc	1	0
9538	2.1	nc	2.5	nc	1	0
9539	2.1	nc	2.5	nc	1	0
9540	2.1	nc	2.5	nc	1	0
9541	2.1	nc	2.5	nc	1	0
9542	1.2	nc	2.5	nc	2/3	0
9543	1.1	nc	2.5	nc	1	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9544	1.1	nc	2.5	nc	1	0
9545	1.1	nc	2.5	nc	1	1
9546	1.3	nc	2.5	nc	2/3	0
9547	1.1	nc	1.2	nc	1	1
9548	1.1	nc	2.5	nc	1/3	0
9549	1.3	nc	2.5	nc	2/3	0
9550	1.3	nc	1.2	nc	1	0
9551	1.1	nc	1.2	nc	1	0
9552	1.1	nc	1.2	nc	1	0
9553	1.1	nc	1.2	nc	1/3	0
9554	1.1	nc	1.2	nc	1	0
9555	1.1	nc	1.2	nc	1	0
9556	1.1	nc	1.2	nc	1/3	0
9557	2.2	nc	1.2	nc	1	0
9558	2.3	2.6	1.2	nc	2	0
9559	2.3	2.6	1.2	nc	2	0
9560	2.3	2.6	1.2	nc	2	0
9561	2.3	2.6	1.2	nc	2	0
9562	2.3	2.6	1.2	nc	2	0
9563	2.3	2.6	1.2	nc	2	0
9564	2.3	2.6	1.2	nc	2	0
9565	2.3	2.6	1.2	nc	2	0
9566	2.3	2.6	1.2	nc	2	0
9567	2.3	2.6	1.2	nc	2	0
9568	2.3	2.6	1.2	nc	2	0
9569	2.2	2.5	2.3	nc	2	0
9570	2.2	2.5	2.3	nc	2	0
9571	2.2	2.5	2.3	nc	2	0
9572	2.2	2.5	2.3	nc	2	0
9573	2.2	2.5	2.3	nc	2	0
9574	2.1	6.7	1.2	nc	1	1
9575	2.2	2.5	1.2	nc	1	1
9576	1.1	6.7	1.2	nc	1	1
9577	1.1	6.7	1.2	nc	1	1

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9578	1.1	6.7	1.2	nc	1	1
9579	1.1	6.7	1.2	nc	1	1
9580	1.1	6.7	1.2	nc	1	1
9581	1.1	6.7	1.2	nc	1	1
9582	1.1	6.7	1.2	nc	1	1
9583	nc	nc	nc	nc	nc	nc
9584	1.1	6.7	1.2	nc	1	1
9585	2.2c2.1	5.8	1.5	nc	2/1	1
9586	2.1	6.7	1.2	nc	1	1
9587	2.1	6.7	1.2	nc	1	1
9588	2.1	6.7	1.2	nc	1	1
9589	2.1	6.7	1.2	nc	1	1
9590	2.3c1.1	5.8	1.5	nc	1	1
9591	2.3c1.1	5.8	1.5	nc	2/1	1
9592	2.3c1.1	5.8	1.5	nc	2/1	1
9593	2.3c1.1	5.8	1.5	nc	2/1	1
9594	2.3c1.1	5.8	1.5	nc	2/1	1
9595	2.3c1.1	5.8	1.5	nc	2/1	1
9596	2.3c1.1	5.8	1.5	nc	2/1	1
9597	2.3c1.1	5.8	1.5	nc	2/1	0
9598	2.3c1.1	5.8	1.5	nc	2/1	1
9599	1.1	5.8	1.1	nc	1	1
9600	2.2	2.5	1.2	nc	2/1	1
9601	1.1	nc	nc	nc	2/1	0
9602	2.3c1.1	5.8	z	nc	1	0
9603	1.1	nc	1.1	nc	1	0
9604	2.3c1.1	5.8	1.5	nc	1	0
9605	2.3c1.1	5.8	1.5	nc	1	0
9606	2.3c1.1	5.8	1.5	nc	1	1
9607	1.3	5.8	1.5	nc	2/1	0
9608	2.3c1.1	5.8	1.5	nc	1	1
9609	2.4	2.6	2.3	nc	nc	nc
9610	2.3c1.1	5.8	1.5	nc	1	1
9611	2.3c1.1	5.8	1.5	nc	1	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9612	1.3c1.1	5.8	1.5c1.1	nc	1	0
9613	2.1	nc	nc	nc	nc	nc
9614	2.3c1.1	5.8	1.5	nc	1	1
9615	nc	nc	nc	nc	1	1
9616	1.3c1.1	5.8	1.5c1.1	nc	1	1
9617	nc	nc	nc	nc	nc	nc
9618	1.3c1.1	5.8	1.5c1.1	nc	1	1
9619	nc	nc	nc	nc	nc	nc
9620	1.3c1.1	5.8	1.5c1.1	nc	1	1
9621	2.3c1.1	5.8	1.5	nc	1	0
9622	1.3c1.1	5.8	1.5c1.1	nc	1	1
9623	nc	nc	nc	nc	nc	nc
9624	1.3c1.1	5.8	1.5c1.1	nc	1	0
9625	2.3c1.1	5.8	1.5	nc	1	0
9626	2.3c1.1	5.8	1.5	nc	2/1	1
9627	nc	nc	nc	nc	nc	nc
9628	2.3c1.1	5.8	1.5	nc	1	0
9629	nc	nc	nc	nc	nc	nc
9630	2.3c1.1	5.8	1.5	nc	1	0
9631	2.3c1.1	5.8	1.5	nc	1	0
9632	2.3c1.1	5.8	1.5	nc	1	1
9633	2.3c1.1	5.8	1.5	nc	1	0
9634	2.3c1.1	5.8	1.5	nc	1	0
9635	nc	nc	nc	nc	2/1	1
9636	2.1	nc	1.1	nc	1	0
9637	nc	nc	nc	nc	1	0
9638	nc	nc	nc	nc	1	0
9639	2.3c1.1	5.8	1.5	nc	1	0
9640	2.3c1.1	5.8	1.1	nc	1	0
9641						
9642						
9643						
9644						
9645						

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9646						
9647						
9648						
9649	nc	nc	nc	nc	nc	nc
9650	nc	nc	nc	nc	nc	nc
9651	nc	nc	nc	nc	nc	nc
9652	nc	nc	nc	nc	nc	nc
9653	nc	nc	nc	nc	nc	nc
9654	2.3	6.7	1.1	nc	1	0
9655	2.3	5.8	2.5	nc	2	0
9656	2.3	5.8	2.5	nc	2	0
9657	2.3	nc	2.5	nc	2	0
9658	2.3	nc	2.5	nc	2	0
9659	2.3	5.8	2.5	nc	2	0
9660	2.3	nc	2.5	nc	2	0
9661	2.3	nc	2.5	nc	2	0
9662	2.3	2.6	1.5	nc	2	0
9663	2.3	2.6	1.5	nc	2	0
9664	2.3	2.6	1.5	nc	2	0
9665	2.3	2.6	1.5	nc	2	0
9666	2.3	2.6	1.5	nc	2	0
9667	2.3	2.6	1.5	nc	2	0
9668	2.3	2.6	1.5	nc	2	0
9669	2.3	2.6	1.5	nc	2	0
9670	2.3	2.6	1.5	nc	2	0
9671	2.3	2.5	2.5	nc	2	0
9672	2.3	2.5	2.5	nc	2	0
9673	2.3	2.5	2.5	nc	2	0
9674	2.3	2.5	2.5	nc	2	0
9675	2.3	2.5	2.5	nc	2	0
9676	2.3	2.5	2.5	nc	2	0
9677	2.3	2.5	2.5	nc	2	0
9678	2.3	2.5	1.5	nc	2	0
9679	2.3	2.5	2.5	nc	2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9680	2.3	2.5	2.5	nc	2	0
9681	2.3	2.5	2.5	nc	2	0
9682	2.3	2.5	2.5	nc	2	0
9683	2.3	2.5	2.5	nc	2	0
9684	2.3	2.5	2.5	nc	2	0
9685	2.3	2.5	2.5	nc	2	0
9686	2.3	2.5	2.5	nc	2	0
9687	2.3	2.5	2.5	nc	2	0
9688	2.3	2.5	2.5	nc	2	0
9689	2.3	2.5	2.5	nc	2	0
9690	2.3	2.5	2.5	nc	2	0
9691	2.3	2.5	2.5	nc	2	0
9692	x	1.3	2.1	nc	2	0
9693	x	1.3	2.1	nc	2	0
9694	1.3	2.3	2.3	nc	2	0
9695	1.3	2.3	2.3	nc	2	0
9696	1.3	2.3	2.3	nc	2	0
9697	1.3	2.3	2.3	nc	2	0
9698	1.3	2.3	2.3	nc	2	0
9699	1.3	2.3	2.3	nc	2	0
9700	1.3	2.3	2.3	nc	2	0
9701	1.3	2.3	2.3	nc	2	0
9702	1.3	2.3	2.3	nc	2	0
9703	1.3	2.3	2.3	nc	2	0
9704	1.3	2.3	2.3	nc	2	0
9705	1.3	2.3	2.3	nc	2	0
9706	1.3	2.3	2.3	nc	2	0
9707	1.3	2.3	2.3	nc	2	0
9708	1.3	2.3	2.3	nc	2	0
9709	1.3	2.3	2.3	nc	2	0
9710	1.3	2.3	2.3	nc	2	0
9711	1.3	2.3	2.3	nc	2	0
9712	1.3	2.3	2.3	nc	2	0
9713	1.3	2.3	2.3	nc	2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9714	1.3	2.3	2.3	nc	2	0
9715	1.3	2.3	2.1	nc	2	0
9716	2.2	2.5	2.1	nc	2	0
9717	2.2	2.5	2.1	nc	2	0
9718	2.2	2.5	2.1	nc	2	0
9719	2.2	2.5	2.1	nc	2	0
9720	2.2	2.5	2.1	nc	2	0
9721	2.2	2.5	2.1	nc	2	0
9722	2.2	2.5	2.1	nc	2	0
9723	2.2	2.5	2.1	nc	2	0
9724	2.2	2.5	2.1	nc	2	0
9725	2.2	2.5	2.1	nc	2	0
9726	2.2	2.5	2.1	nc	2	0
9727	2.2	2.5	2.1	nc	2	0
9728	2.2	2.5	2.1	nc	2	0
9729	2.2	2.5	2.1	nc	2	0
9730	2.2	2.5	2.1	nc	2	0
9731	2.2	2.5	2.1	nc	2	0
9732	2.2	2.5	2.1	nc	2	0
9733	2.2	2.5	2.1	nc	2	0
9734	2.2	2.5	2.1	nc	2	0
9735	2.2	2.5	2.1	nc	2	0
9736	2.2	2.5	2.1	nc	2	0
9737	1.3	3.2	1.5	nc	2	0
9738	1.3	3.2	1.5	nc	2	0
9739	1.3	3.2	1.5	nc	2	0
9740	1.3	3.2	1.5	nc	2	0
9741	1.3	3.2	1.5	nc	2	0
9742	2.2	2.5	1.5	nc	2	0
9743	2.2	2.5	1.5	nc	2	0
9744	2.2	2.5	1.5	nc	2	0
9745	2.2	2.5	1.5	nc	2	0
9746	2.2	2.5	1.5	nc	2	0
9747	2.2	2.5	1.5	nc	2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9748	2.2	2.5	1.5	nc	2	0
9749	2.2	2.5	1.5	nc	2	0
9750	2.2	2.5	1.5	nc	2	0
9751	2.2	2.5	1.5	nc	2	0
9752	2.2	2.5	2.5	nc	2	0
9753	2.2	2.5	2.5	nc	2	0
9754	2.2	2.5	2.5	nc	2	0
9755	2.2	2.5	2.5	nc	2	0
9756	4.3c2.2	2.5	2.5	nc	2	0
9757	2.2	2.5	2.5	nc	2	0
9758	2.2	2.5	2.5	nc	2	0
9759	2.2	2.5	2.5	nc	2	0
9760	2.2	2.5	2.5	nc	2	0
9761	2.4	4.4	1.5	nc	2	0
9762	2.4	4.4	1.5	nc	2	0
9763	2.4	4.4	1.5	nc	2	0
9764	2.4	3.4	1.5	nc	2	0
9765	2.4	4.4	1.5	nc	2	0
9766	2.4	4.4	1.5	nc	2	0
9767	2.4	4.4	1.5	nc	2	0
9768	2.4	4.4	1.5	nc	2	0
9769	xc2.3	2.5	1.5	nc	2	0
9770	xc2.3	nc	2.3	nc	2	0
9771	xc2.3	4.5	2.3	nc	2	0
9772	xc2.3	4.5	2.3	nc	2	0
9773	xc2.3	4.5	2.3	nc	2	0
9774	xc2.3	4.5	2.3	nc	2	0
9775	xc2.3	4.5	2.3	nc	2	0
9776	xc2.3	4.5	2.3	nc	2	0
9777	1.3	2.6	1.3	nc	2	0
9778	1.3	2.6	1.3	nc	2	0
9779	1.3	2.6	1.3	nc	2	0
9780	1.3	2.6	1.3	nc	2	0
9781	1.3	2.6	1.3	nc	2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9782	2.3	4.5	1.3	nc	2	0
9783	4.2	4.5	3.5	nc	2	0
9784	4.2	4.5	3.5	nc	2	0
9785	2.3	4.5	1.3	nc	2	0
9786	2.3	4.5	1.3	nc	2	0
9787	2.3	4.5	1.3	nc	2	0
9788	2.3	4.5	1.3	nc	2	0
9789	2.3	4.5	1.3	nc	2	0
9790	2.3	4.5	1.3	nc	2	0
9791	2.3	4.5	1.3	nc	2	0
9792	2.3	4.5	1.3	nc	2	0
9793	2.3	4.5	1.3	nc	2	0
9794	2.3	4.5	1.3	nc	2	0
9795	2.3	4.5	1.3	nc	2	0
9796	2.3	4.5	1.3	nc	2	0
9797	2.3	4.5	1.3	nc	2	0
9798	2.3	4.5	1.3	nc	2	0
9799	2.3	4.5	1.3	nc	2	0
9800	2.3	4.5	1.3	nc	2	0
9801	2.3	4.5	1.3	nc	2	0
9802	2.3	4.5	1.3	nc	2	0
9803	2.3	4.5	1.3	nc	2	0
9804	2.3	4.5	1.3	nc	2	0
9805	2.3	4.5	1.3	nc	2	0
9806	2.3	4.5	1.3	nc	2	0
9807	2.3	4.5	1.3	nc	2	0
9808	2.3	4.5	1.3	nc	2	0
9809	2.3	4.5	1.3	nc	2	0
9810	2.3	4.5	1.3	nc	2	0
9811	2.3	4.5	1.3	nc	2	0
9812	2.3	4.5	1.3	nc	2	0
9813	2.3	4.5	1.3	nc	2	0
9814	2.3	4.5	1.3	nc	2	0
9815	2.3	4.5	1.3	nc	2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9816	2.3	4.5	1.3	nc	2	0
9817	2.3	4.5	1.3	nc	2	0
9818	2.3	4.5	1.3	nc	2	0
9819	2.3	4.5	1.3	nc	2	0
9820	2.2	nc	nc	nc	nc	nc
9821	2.3	4.5	1.3	nc	2	0
9822	2.2	1.3	2.5	nc	2	0
9823	2.2	1.3	2.5	nc	2	0
9824	2.2	1.3	2.5	nc	2	0
9825	2.2	1.3	2.5	nc	2	0
9826	2.2	1.3	2.5	nc	2	0
9827	2.2	1.3	2.5	nc	2	0
9828	2.2	1.3	2.5	nc	2	0
9829	2.2	1.3	2.5	nc	2	0
9830	2.2	1.3	2.5	nc	2	0
9831	2.2	1.3	2.5	nc	2	0
9832	2.2	1.3	2.5	nc	2	0
9833	2.2	1.3	2.5	nc	2	0
9834	2.2	1.3	2.5	nc	2	0
9835	2.2	1.3	2.5	nc	2	0
9836	2.2	2.3	nc	nc	2	0
9837	2.2	1.3	2.5	nc	2	0
9838	2.2	1.3	2.5	nc	2	0
9839	2.2	1.3	2.5	nc	2	0
9840	2.2	1.3	2.5	nc	2	0
9841	2.2	2.3	2.5	nc	2	0
9842	1.1	2.3	1.5	nc	2	0
9843	1.1	2.3	1.5	nc	2	0
9844	1.1	2.3	1.5	nc	1	0
9845	1.1	2.3	1.5	nc	2	0
9846	1.1	2.3	1.5	nc	1	0
9847	1.1	2.3	1.5	nc	1	0
9848	1.1	2.3	1.5	nc	2	0
9849	1.1	2.3	1.5	nc	2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9850	1.1	2.3	1.5	nc	2	0
9851	1.1	2.3	1.5	nc	1	0
9852	2.1	2.3	1.5	nc	1	0
9853	2.1	2.3	1.5	nc	2	0
9854	2.1	2.3	1.5	nc	2	0
9855	2.1	2.3	1.5	nc	2	0
9856	2.1	2.3	1.5	nc	2	0
9858	2.3c1.1	5.7	1.5	9-5-10	2/1	1
9859	2.3c1.1	5.7	1.5	9-5-10	2/1	1
9860	2.3c1.1	5.7	1.5	9-5-10	1	1
9861	2.3c1.1	5.7	1.5	9-5-10	2/1	0
9862	1.1	6.7	2.3	9-6-9	1	0
9863	1.1	6.7	2.5	9-6-9	1	0
9864	1.1	6.7	2.5	nc	1	0
9865	1.1	6.7	2.5	nc	1	0
9866	1.1	6.7	1.5	nc	1	0
9867	1.1	6.7	1.5	nc	1	0
9868	1.1	6.7	1.5	nc	2/1	1
9869	1.1	6.7	1.5	nc	1	1
9870	1.1	6.7	1.5	nc	1	1
9871	1.1	6.7	1.5	nc	1	1
9872	1.1	6.7	1.5	nc	1	1
9873	1.1	6.7	1.5	nc	1	1
9874	2.3c1.1	5.7	1.5	9-5-10	2/1	0
9875	2.3c1.1	5.7	1.5	9-5-10	2/1	0
9876	2.3c1.1	5.7	1.5	9-5-10	2/1	0
9877	2.3c1.1	5.7	1.5	nc	2/1	1
9878	2.3c1.1	5.7	1.5	nc	2/1	1
9879	2.3c1.1	5.7	1.5	9-5-10	2/1	1
9880	2.3c1.1	5.7	1.5	nc	2/1	1
9881	2.3c1.1	5.7	1.5	nc	2/1	1
9882	2.3c1.1	5.7	1.5	9-5-10	1	1
9883	2.3c1.1	5.7	1.5	nc	1	1
9884	2.3c1.1	5.7	1.5	nc	2/1	1

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9885	2.3c1.1	5.7	1.5	9-5-10	1	1
9886	2.2	3.4	2.3	nc	2	0
9887	1.2	3.6	2.1	nc	2	0
9888	1.2	3.6	2.1	nc	2	0
9889	1.2	nc	2.1	nc	2	0
9890	1.2	3.6	2.1	nc	2	0
9891	1.2	3.6	2.1	nc	2	0
9892	1.2	3.6	2.1	nc	2	0
9893	1.2	3.6	2.1	nc	2	0
9894	1.2	nc	2.1	nc	2	0
9895	1.2	3.6	2.1	nc	2	0
9896	1.2	3.6	2.1	nc	2	0
9897	1.2	3.6	1.1	nc	2	0
9898	1.3c1.1	5.5	1.1	nc	nc	nc
9899	1.3c1.1	5.5	1.1	nc	1/2	0
9900	1.3c1.1	5.5	nc	nc	1/2	0
9901	1.3c1.1	5.5	nc	nc	1/2	0
9902	1.2	3.6	2.1	nc	1	0
9903	2.4	3.6	nc	nc	2	0
9904	nc	nc	2.1	nc	2	0
9905	2.4	3.6	nc	nc	2	0
9906	2.1	5.7	1.1	nc	2	0
9907	2.1	5.7	1.1	nc	1/3	0
9908	2.1	3.6	1.1	nc	2/3	0
9909	2.1	5.7	1.1	nc	3	1
9910	2.1	5.8	1.1	nc	1/3	0
9911	2.1	5.8	nc	nc	1/3	0
9912	2.1	5.8	1.1	nc	3	1
9913	2.1	5.8	1.1	nc	3	0
9914	1.1	5.5	1.1	nc	1/3	0
9915	1.1	5.5	nc	nc	1/3	0
9916	nc	nc	1.1	nc	2	0
9917	1.1	5.5	1.1	nc	1/3	0
9918	1.1	5.5	nc	nc	1/2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9919	1.1	5.8	1.1	nc	1/3	1
9920	1.1	5.8	1.1	nc	1/3	0
9921	1.1	5.8	1.1	nc	1/3	0
9922	1.1	5.8	1.1	nc	1/3	0
9923	1.1	5.8	1.1	nc	1/3	0
9924	1.1	5.8	1.1	nc	1/3	0
9925	1.1	5.8	1.1	nc	1/3	0
9926	1.1	5.8	1.1	nc	3	1
9927	1.1	5.8	1.1	nc	3	1
9928	1.1	5.8	1.1	nc	3	1
9929	1.1	5.8	1.1	nc	1/3	0
9930	1.1	5.8	1.1	nc	1/3	0
9931	1.1	5.8	1.1	nc	1/3	0
9932	2.3	5.8	2.1	nc	1/2	0
9933	2.3	5.8	2.1	nc	1/2	0
9934	2.3	5.8	2.1	nc	1	1
9935	2.3	5.5	1.5	nc	2/1	0
9936	1.1	5.8	z	nc	1/3	0
9937	1.1	5.8	z	nc	1/2	0
9938	1.1	5.8	z	nc	1/3	0
9939	1.1	5.8	z	nc	3	1
9940	1.1	5.8	z	nc	1/3	0
9941	1.1	5.8	z	nc	1/3	0
9942	1.1	5.8	z	nc	1/3	0
9943	1.1	5.8	z	nc	1/3	0
9944	1.1	5.8	z	nc	1/3	0
9945	1.1	5.8	z	nc	1/3	1
9946	1.1	nc	y	nc	1/2	0
9947	1.1	5.8	y	nc	1	0
9948	1.1	nc	y	nc	1	0
9949	1.1	nc	y	nc	1	0
9950	1.1	2.2	y	nc	1	0
9951	1.1	2.5c2.1	y	nc	1/2	0
9952	1.1	2.5c2.1	y	nc	1	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9953	1.1	2.5c2.1	y	nc	1/2	0
9954	1.1	2.5c2.1	y	nc	1/2	0
9955	1.1	2.5c2.1	y	nc	1/2	0
9956	nc	nc	nc	nc	nc	nc
9957	nc	nc	nc	nc	nc	nc
9958	nc	nc	nc	nc	nc	nc
9959	nc	nc	nc	nc	nc	nc
9960	nc	nc	nc	nc	nc	nc
9961	nc	nc	nc	nc	nc	nc
9962	nc	nc	nc	nc	nc	nc
9963	1.3	5.7	1.5	nc	1/2	0
9964	1.3	5.7	1.5	5.6 de VB	1/2	0
9965	1.3	5.7	1.5	5.6 de VB	1/2	0
9966	1.3	5.7	1.5	5.6 de VB	1/2	0
9967	1.3	6.7	1.5	nc	1/2	0
9968	1.3	6.7	1.5	nc	1/2	0
9969	1.3	6.7	1.5	nc	1/2	0
9970	1.3	6.7	1.5	nc	1/2	0
9971	1.3	6.7	1.5	nc	1	0
9972	1.3	6.7	1.5	nc	1	0
9973	1.3	6.7	1.5	nc	1/2	0
9974	1.3	6.7	1.5	nc	1	0
9975	1.3	6.7	1.5	nc	1	0
9976	1.1	6.7	1.1	nc	1	0
9977	1.1	6.7	1.1	nc	1/2	0
9978	1.1	6.7	1.1	nc	1/2	0
9979	2.4	1.3	1.5	nc	2	0
9980	2.4	1.3	1.5	nc	2	0
9981	2.4	1.3	1.5	nc	2	0
9982	2.4	1.3	1.5	nc	2	0
9983	2.1	1.6	1.5	nc	2	0
9984	2.1	1.6	nc	nc	2	0
9985	2.1	1.6	1.5	nc	2	0
9986	2.1	1.6	1.5	nc	2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
9987	2.1	1.6	1.5	nc	2	0
9988	2.1	3.6	nc	nc	2	0
9989	2.1	3.6	1.5	nc	2	0
9990	2.1	3.6	nc	nc	2	0
9991	2.1	3.6	nc	nc	2	0
9992	2.1	3.6	1.5	nc	2	0
9993	2.1	3.6	nc	nc	2	0
9994	2.1	3.6	nc	nc	2	0
9995	2.1	3.6	nc	nc	2	0
9996	2.1	3.6	nc	nc	2	0
9997	2.1	3.6	nc	nc	2	0
9998	2.1	1.3	1.5	nc	2	0
9999	1.4c1.3	1.3	3.5	nc	2	0
10000	nc	1.3	3.5	nc	2	0
10001	1.4c1.3	1.3	3.5	nc	2	0
10002	1.4c1.3	1.3	3.5	nc	2	0
10003	1.4c1.3	1.3	3.5	nc	2	0
10004	1.4c1.3	1.3	3.5	nc	2	0
10005	1.4c1.3	1.3	3.5	nc	2	0
10006	1.4c1.3	1.3	1.5	nc	2	0
10007	2.3	6.7	1.5	nc	1	0
10008	1.3	6.7	3.5	nc	1	0
10009	2.3	6.7	1.5	nc	1	0
10010	2.3	6.7	1.5	nc	1	0
10011	2.3	6.7	1.5	nc	1	0
10012	2.3	6.7	1.5	nc	1	0
10013	2.3	6.7	1.5	nc	1	0
10014	2.3	6.7	1.5	nc	1	0
10015	2.3	5.7	1.5	nc	1	0
10016	2.3	5.7	1.5	nc	1	0
10017	2.1	5.7	1.5	nc	1	0
10018	2.3	5.7	1.5	nc	1	0
10019	2.3	5.7	1.5	nc	2/1	0
10020	nc	nc	nc	nc	nc	nc

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
10021	nc	nc	nc	nc	nc	nc
10022	nc	nc	nc	nc	nc	nc
10023	4.3c1.3	5.7	nc	nc	1	0
10024	xc2.3	1.3	nc	nc	2	0
10025	xc2.3	1.3	4.3	nc	2	0
10026	xc2.3	1.3	4.3	nc	2	0
10027	nc	nc	nc	nc	nc	nc
10028	4.3c1.3	5.8	2.1	nc	2/1	0
10029	2.1	5.6	4.3	nc	2	0
10030	5.2	5.6	4.3	nc	2	0
10031	5.2	5.6	4.3	nc	2	0
10032	5.2	5.6	4.3	nc	2	0
10033	5.2	5.6	nc	nc	2	0
10034	nc	4.2	nc	nc	2	0
10035	5.2	4.2	4.3	nc	2	0
10036	2.3	5.8	2.1	nc	2	0
10037	2.3	5.8	2.1	nc	2	0
10038	2.3	5.8	2.1	nc	2	0
10039	2.3	5.8	2.1	nc	2	0
10040	2.3	5.8	2.1	nc	2	0
10041	2.3	5.8	2.1	nc	2	0
10042	1.4c1.3	5.8	2.1	nc	2	0
10043	2.3	5.8	2.1	nc	2	0
10044	2.3	5.8	2.1	nc	2	0
10045	2.3	5.8	2.1	nc	2	0
10046	2.3	5.8	2.1	nc	2	0
10047	2.3	5.8	2.1	nc	2	0
10048	2.3	5.8	2.1	nc	2	0
10049	2.3	5.8	2.1	nc	2	0
10050	2.4	5.8	2.1	nc	2	0
10051	2.4	5.8	2.1	nc	2	0
10052	2.4	nc	2.1	nc	2	0
10053	2.4	5.8	2.1	nc	2	0
10054	2.4	nc	2.1	nc	2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
10055	2.4	5.8	2.1	nc	2	0
10056	2.4	5.8	2.1	nc	2	0
10057	2.4	5.8	2.1	nc	2	0
10058	2.4	5.8	2.1	nc	2	0
10059	2.4	5.8	3.1	nc	2	0
10060	2.4	5.8	3.1	nc	2	0
10061	2.4	5.8	3.1	nc	2	0
10062	2.4	5.8	3.1	nc	2	0
10063	2.4	5.8	3.1	nc	2	0
10064	2.4	5.8	nc	nc	2	0
10065	x	nc	nc	nc	2	0
10066	1.3	2.2	nc	nc	2	0
10067	2.3	2.2	2.1	nc	2	0
10068	2.3	2.2	2.1	nc	2	0
10069	2.3	2.2	2.1	nc	2	0
10070	2.3	6.7	2.5	nc	2/1	0
10071	2.3	6.7	2.5	nc	2/1	0
10072	2.3	6.7	2.5	nc	2/1	0
10073	1.2	2.3	2.5	nc	1	0
10074	1.2	2.3	2.1	nc	1	0
10075	2.2	2.3	2.1	nc	1	0
10076	1.4	1.3	3.5	nc	1	0
10077	1.4c2.3	1.3	3.5	nc	1	0
10078	1.4	5.7	3.5	nc	2/1	0
10079	1.4	1.3	3.5	nc	2	0
10080	1.4	1.3	3.5	nc	2	0
10081	1.4	1.3	3.5	nc	2	0
10082	1.4	1.3	3.5	nc	2	0
10083	1.4	1.3	3.5	nc	2	0
10084	1.4	1.3	3.5	nc	2	0
10085	1.4	1.3	3.5	nc	2	0
10086	1.4	1.3	3.5	nc	2	0
10087	1.4	1.3	3.5	nc	2	0
10088	1.4	1.3	3.5	nc	2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
10089	1.4	1.3	3.5	nc	2	0
10090	1.4	1.3	3.5	nc	2	0
10091	1.4	1.3	3.5	nc	2	0
10092	2.4	5.8	2.3	nc	2	0
10093	2.4	5.8	2.3	nc	2	0
10094	2.4	5.8	2.3	nc	2	0
10095	2.4	5.8	2.3	nc	2	0
10096	2.4	5.8	2.3	nc	2	0
10097	2.4	5.8	2.3	nc	2	0
10098	1.3	3.6	2.3	nc	2	0
10099	1.3	3.6	2.3	nc	2	0
10100	1.3	3.6	2.3	nc	2	0
10101	2.3	3.6	1.3	nc	2	0
10102	2.3	5.7	1.3	nc	1	0
10103	2.3	5.7	1.3	5.6deVB	2/1	0
10104	1.1	5.7	1.3	nc	1	0
10105	2.3	3.6	2.5	nc	2	0
10106	2.3	3.6	2.5	nc	2	0
10107	2.3	3.6	2.5	nc	2	0
10108	1.2	nc	nc	nc	2	0
10109	1.2	nc	nc	nc	2	0
10110	nc	nc	nc	nc	2	0
10111	1.2	nc	2.5	nc	2	0
10112	1.2	nc	2.5	nc	2	0
10113	nc	nc	nc	nc	2	0
10114	1.2	nc	1.5	nc	2/1	0
10115	1.1	6.7	1.3	nc	2/1	0
10116	1.1	6.7	1.3	nc	2/1	0
10117	1.2	5.8	1.3	nc	2	0
10118	1.2	5.8	1.3	nc	2	0
10119	1.1	6.7	1.1	nc	3	0
10120	nc	5.7	1.2	5.6deVB	2/1	0
10121	nc	5.8	nc	xdeEMB	2	0
10122	nc	5.8	nc	nc	2	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
10123	nc	5.8	nc	nc	2	0
10124	nc	nc	nc	nc	2	0
10125	nc	5.8	nc	nc	2/1	0
10126	nc	5.8	nc	nc	1	0
10127	nc	5.8	nc	nc	2/1	0
10128	nc	5.8	nc	nc	1	0
10129	1.3	5.8	3.1	nc	1	0
10130	nc	nc	nc	nc	2	0
10131	nc	nc	nc	nc	2	0
10132	nc	nc	nc	nc	2	0
10133	nc	nc	nc	nc	2	0
10134	5.8	nc	nc	nc	2	0
10135	nc	nc	nc	nc	2	0
10136	nc	nc	nc	nc	2	0
10137	nc	nc	nc	nc	2	0
10138	nc	5.7	nc	5.6deVB	2	0
10139	nc	5.7	nc	5.6deVB	2/1	0
10140	nc	nc	2.1	5.6deVB	2	0
10141	nc	5.7	2.1	nc	2	0
10142	1.1	5.7	2.1	5.6deVB	2	0
10143	1.1	2.6	3.2	5.6deVB	2	0
10144	1.1	2.6	3.2	nc	2	0
10145	1.1	2.6	3.2	nc	2	0
10146	2.4	2.5	1.5	nc	2	0
10147				nc		
10148	2.4	2.5	1.5	nc	2	0
10149				nc		
10150				nc		
10151	2.3	nc	nc	nc	2	0
10152	nc	nc	1.5	nc	2	0
10153				nc		
10154	1.1	nc	2.3	nc	2	0
10155	2.5	nc	1.5	nc	2/1	0
10156	2.5	nc	1.5	nc	1	0

Strain	EMB	VB	MCK	TCBS	TSI	
	Color	Color	Color	Color	Color	Gas
I0157	2.3	nc	1.5	nc	2/1	0
I0158	2.3	nc	1.5	nc	1/2	0
I0159	2.3	nc	1.5	nc	1	0
I0160	2.3	nc	1.5	nc	2/1	0
I0161	2.2	6.7	1.5	nc	1	0
I0162	2.3	nc	1.5	nc	1/2	0
I0163	2.2	6.7	1.5	nc	1	0
I0164	2.2	6.7	nc	nc	1/2	0
I0165	2.3	nc	nc	nc	2/1	0
I0166	2.3	nc	1.5	nc	1/2	0
I0167	2.3	nc	1.5	nc	1/2	0
I0168	2.3	nc	1.5	nc	2/1	0
I0169	2.3c1.1	nc	1.5	nc	1	0
I0170	2.3c1.1	nc	nc	nc	1	0
I0171	2.3c1.1	nc	1.3	5.6deVB	2	0
I0172				nc		
I0173	nc	nc	nc	nc	2	0
I0179	2.5	2.6	1.5	nc	2	0
I0180	x	2.6	1.5	nc	2	0
I0194	nc	nc	1.5	nc	2	0
I0195	2.5					

EMB: bacto EMB agar is recommended for gram negative bacteria and present eosin and methylene blue, making it a non selective but differential medium were the different colors allow genera identification.

VB Brilliant green is a selective medium for *Salmonella*, *Staphylococcus* and *Escherichia coli*.

MCK is a selective media for enterics and *Staphylococcus*, it differentiate lactose fermenting bacteria from non lactose.

TCBS is a selective medium for *Vibrio* and its relatives.

Color: Due to the high variability in the color shade in the mediums EMB, VB and MCK the numbers in the table are from the color code from normacolor spacial system (1990) by Mecanorma, France.

nc: no grow in that media, in such case non selective general medium as LB and Marine

poco: little

Agar were used to obtain the general strains. In those medium a great diversity of *Pseudomona* spp, Actinobacteria and *Bacillus* were obtained.

TSI is a tripe sugar iron agar is recommended for gram negative bacteria based on the fermentation of dextrose, lactose and sucrose as well as for hydrogen sulfide production. In this medium there are 2 factors that are taken into account: color and gas production (anaerobes do not produce gas, while aerobes do) the colors are 1: yellow when fermentation has taken place, the medium is acid, 2 pink when the lack fermentation turns the medium alkaline, phenol red is the indicator. When hydrogen sulfide is produced a black band appear (3) along with the yellow or pink.